# **IOWA STATE UNIVERSITY**



# 2014 ERECTOR SET

FOR CONSTRUCTION ENGINEERING ALUMNI





# **Construction Engineering Curriculum**

**Denise Wood** 

Co-Editor

**Christopher Neary** 

Co-Editor

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#### **Cover Photo**

Students of the Associated General Contractors of America (AGC) Iowa State chapter gather just prior to the 2013 VEISHEA Parade. Each year, AGC drives construction machinery down the VEISHEA Parade route and hands out candy to youngsters as they pass. AGC recently has captured external regional press in Tennessee and Missouri for their rebuilding work in those areas. This has enhanced Iowa State construction engineering's reputation as a hard-working, community-oriented program in many areas outside the immediate Iowa State University community. Photo is courtesy of AGC Iowa State University Student Chapter.

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# **Greetings!**From Chuck Jahren, Construction Engineering Professor-in-Charge

The have had a good year. Our undergraduate enrollment is increasing and our high placement rate is attractive to prospective students. Our largest enrollment increases percentagewise have been in our graduate program. In 2010 we had 14 graduate students, three of which were PhDs. Last semester we had 32 grad students, nine of which were PhDs (a threefold increase in PhD students!). What is causing this big increase in our graduate program? There has been a considerable increase in research activity with many practical topics being investigated. Examples include: how to manage complex construction projects, using big data in design and construction, what project delivery systems are best under what circumstances, use of LiDAR to track construction progress and verify as built conditions, how to economically maintain and rebuild roads, how to use electronic contract documents for local road construction, how to acquire right-of-way more efficiently, how to educate our students so they are ready to be leaders when they graduate, and how to balance online and face-to-face learning for the best student outcomes. Funding comes from Iowa and neighboring states, the National Academies, the Federal Highway Administration, the Construction Industry Institute and our own College of Engineering. Our research project listing (see page 16) gives further details.

Our students continue to distinguish themselves in competition with wins at the Associated Schools of Construction Regional Competition, ELECTRI International Foundation Green Energy Challenge, AGC of America Student Chapter of the Year Contest, and others. We have exemplary peer mentors for our learning community, and Beth Hartmann was featured on the 2014 Women Impacting ISU Calendar. Adviser and Learning Community Co-Instructor Kristin Mauro earned her PhD in December 2013 (Congratulations!) and left our group in May as she searches for an opportunity that matches her new qualifications (Best wishes!). More on these items are available in the news articles and letters from the staff; I encourage you to read them all!

High enrollments have been a good problem to have across the campus. Iowa State strives to provide classroom space, living arrangements and eating facilities for more and more students. In our Department of Civil, Construction and Environmental Engineering, eight faculty members are expected to join next academic year. Several will pursue structural engineering teaching and research, which is good news for our construction engineering students who work to complete their structural engineering sequence of classes. We are looking forward to another good year and eagerly anticipate reading your greetings in this issue of the Erector Set. We hope to see many of you at a game, an alumni reception, or an industry event. Please stop by and see us if you are in Ames. Have a good year and GO CYCLONES!

Warm Regards,

Charles T. Jahren, P.E., Ph.D., MBA

Assistant Chair

W. A. Klinger Teaching Professor

Department of Civil, Construction, and Environmental Engineering

harles & Jahren

Iowa State University

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# **Websites**

www.ccee.iastate.edu/ConE www.ccee.iastate.edu

# **Student Organizations**

Associated General Contractors of America stuorg.iastate.edu/agc

Design-Build Institute of America stuorg.iastate.edu/dbia

Mechanical Contractors Association stuorg.iastate.edu/dbia

National Association of Home Builders stuorg.iastate.edu/nahb

National Electrical Contractors Association stuorgs.engineering.iastate.edu/neca

Sigma Lambda Chi stuorg.iastate.edu/slc

# Other Websites

Engineering Career Services www.engineering.iastate.edu/ecs

CCEE Annual Updates/Newsletters www.ccee.iastate.edu/alumni/newsletters

# **Social Media**

ISU ConE LinkedIn page
Search "ISUConE" on LinkedIn

CCEE LinkedIn page
Search for "Iowa State University Civil, Construction and Environmental Engineering" on LinkedIn

CCEE Facebook page www.facebook.com/lowaStateCCEE

CCEE Twitter feed
@isuccee

# **Construction Engineering Industry Advisory Council**

<b>Kent Meyn (council chair)</b> Director of Project Management	ACI Mechanical, Inc. 3116 S. Duff Avenue PO Box 192 Ames, IA 50010-0192	515 232-1236 kmeyn@acimech.com
<b>John Adam</b> Director of Highway Division Chief Engineer	Iowa Department of Transportation 800 Lincoln Way Ames, IA 50010	515 239-1124 john.adam@dot.iowa.gov
<b>Ken Bonus</b> President and CEO	GC3, LLC 1025 Ashworth Road West Des Moines, IA 50265	515 267-2489 ken.bonus@gc3builders.com
<b>Sean Brummer</b> MEP Superintendent	Turner Construction Co. 2345 Grand Boulevard, Suite 1000 Kansas City, MO 64108	816 564-2446 sbrummer@tcco.com
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<b>Steve Daxon</b> Vice President	Estes Construction 131 W. 2nd Street, Suite 400 Davenport, IA 52808	563 322-7301 sdaxon@estesconstruction.com
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<b>Larry Hopp (emeritus member)</b> Associate Director, Energy Technology Program	Creighton University 2500 California Plaza, EPLY 116 Omaha, NE 68178	402 280-4650 Cell: 402 659-8693

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<b>Michael King</b> Project Controls Manager	Black & Veatch 11401 Lamar Overland Park, KS 66211	913 458-9533 kingmr@bv.com
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Chris Lindhart Director	The Beck Group 1807 Ross Avenue, Suite 500 Dallas, TX 75201	214 303-6205 chrislindhart@beckgroup.com
<b>Dean McCormick</b> Director for Design and Construction Services, Facilities Planning and Management	Iowa State University 200 General Services Ames, IA 50011	515 294-0564 dmccormi@mail.adp.iastate.edu
<b>T. J. Meiners</b> Electrical Engineer/Project Manager	Nelson Electric Company 618 14th Avenue SW PO Box 967 Cedar Rapids, IA 52406	319 366-6257 tjm@nelsonelectric.com
<b>Josh Miltenberger</b> Project Manager	Ryan Companies US, Inc. 14001 University Avenue, Suite 300 Clive, IA 50325	515 309-8510 josh.miltenberger@ryancompanies.com
Cork Peterson (emeritus member) Vice President	Peterson Contractors, Inc. 104 Blackhawk Street PO Box A Reinbeck, IA 50669	319 345-2713 ext. 204 cork@petersoncontractors.com
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Manager  Dirk Schafer President  Rick Schultze	Kansas City, MO 64114  J.E. Dunn Construction Company 1001 Locust Street Kansas City, MO 64106  ARCO Design Build 380 Interstate North Parkway SE, Suite 210	816 292-8702 dirk.schafer@jedunn.com
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# **Construction Engineering Faculty and Staff**

# > **JENNY BAKER**, Senior Lecturer

455 Town Engineering Building, 515 294-6781, jzbaker@iastate.edu

# Courses Instructed in 2013-2014

# CE 206: Engineering Economic Analysis and Professional Issues in Civil Engineering

Engineering/managerial analysis of the economic aspects of project proposals. Alternative sources of funds; time value of money; expenditure of capital funds and methods of evaluating alternative projects. Professionalism, licensure, liability, ethics, leadership, social responsibility, creative and critical thinking, and applications/impacts of regulations in civil engineering.

#### CON E 353: Electrical Systems in Buildings

Comprehensive coverage of building electrical systems including power, lighting, fire alarm, security and communications. Analysis techniques and design principles for each system. Required comprehensive design project for a major building project.

# CE 594A: Special Topics in Construction Engineering and Management: Planning and Scheduling

Construction scheduling and estimating for graduate students who do not have a construction engineering bachelor's degree.

#### **Other Roles**

Co-adviser for National Electrical Contractors Association Technical adviser for Capstone (CON E 487)

# LARRY CORMICLE, Senior Lecturer, Glenn H. DeStigter Scholar in Construction Engineering

454 Town Engineering Building, 515 294-8299, cormicle@iastate.edu

# Courses Instructed in 2013-2014

#### CON E 441: Construction Planning, Scheduling, and Control

Integration of previous construction coursework into the planning, scheduling, and management of time, costs, and other resources. Emphasis on preparation and analysis of network schedules. Comprehensive planning and scheduling project. Computer project management applications.

# CON E 488: Construction Engineering Design II

Application of team design concepts to a construction engineering project. Project planning. Advanced construction and project management.

#### Other Roles

Director of Undergraduate Program Operations

Co-op/Intern Adviser

Adviser for Associated General Contractors Student Chapter

Coach for Associated Schools of Construction Student Competition Teams

Chair of the ConE Curriculum Committee

Department Representative, Scholarships Committee

Adviser for the National Association of Home Builders Student Chapter

# **DOUG GRANSBERG**, Professor, Donald F. and Sharon A. Greenwood Chair in Construction Engineering

494 Town Engineering Building, 515 294-4148, dgran@iastate.edu

### Courses Instructed in 2013-2014

#### CE 502: Construction Project Engineering and Management

Application of engineering and management control techniques to complex construction projects. Construction project control techniques, stochastic estimating and scheduling, equipment selection and utilization, project administration, construction process simulation, Quality Management, and productivity improvement programs.

# CE 594O: Special Topics Construction Engineering and Mgt.: Highway and Heavy Construction

Some topics have a set number of credits and some topics have the number of credits vary. Emphasis for a particular offering will be selected from the following topics

# CE 595: Research Methods in Construction Engineering and Management

Assigned readings and reports on research methods to solve construction engineering and management problems such as alternative project delivery methods, asset management, data mining, construction procedurement, robotics, project controls, automation, construction visualization, etc. Identification of research methods and priorities, selection and development of research design, and critique of research in construction engineering and management.

#### Other Roles

Chair of Graduate Student Program
Faculty Promotion and Tenure Commitee
Faculty and Staff Awards Committee

# Construction Engineering Faculty and Staff (continued)

#### **BETH HARTMANN**, Lecturer

450 Town Engineering Building, 515 294-8190, bethlin@iastate.edu

#### Courses Instructed in 2013-2014

# CON E 121: Cornerstone Learning Community: Orientation to Academic Life

Integration of first-year and transfer students into the engineering profession and the Construction Engineering program. Assignments and activities completed both individually and in learning teams involving teamwork, academic preparation, and study skills. Introduction to construction industry professionals. Teamwork topics include interdisciplinary teamwork, skills for academic success, diversity issues and leadership. Introduction to organization of program, department, college, and university. Overview of faculty, staff, policies, procedures and resources.

# CON E 122: Cornerstone Learning Community: Orientation to Professional Life

Continuation of ConE 121. Integration of first-year and transfer students into the engineering profession. Career preparation, professional ethics, construction research, leadership. Introduction to construction industry professionals including how they interact with engineers in other disciplines. Continued introduction to program, department, college, and university organization. Overview of faculty, staff, policies, procedures and resources.

# CE 485: Civil Engineering Design I

The civil engineering design process, interacting with the client, identification of engineering problems, development of a technical proposal, identification of design criteria, cost estimating, planning and scheduling, codes and standards, development of feasible alternatives, selection of best alternative, and delivery of oral presentations.

# CON E 487: Construction Engineering Design I

The integrated delivery of project services as a team, including preliminary engineering design process, constructability review, interaction with the client, identification of engineering problems, development of a proposal, identification of design criteria, cost estimating, planning and scheduling, application of codes and standards, development of feasible alternatives, selection of best alternative, and delivery of oral presentations

# CE 490/CON E 490: Green Energy Challenge

The integrated delivery of project services as a team, including project selection, site visit and assessment, technical analysis (lighting, energy usage, photovoltaic and wind energy, and electric vehicle charging stations), project management (schematic estimate and schedule, financing plan), and proposal writing.

# Other Roles

Faculty Co-adviser, National Electrical Contractors Association Student Chapter

Coach, ELECTRI International Foundation Green Energy Challenge 2014 Team

Faculty Leader, Leadership Pillar, E2020 Scholars Program

Member, College of Engineering Academic Standards Committee

Assistant Mentor, ASCE Excellence in Civil Engineering Education (ExCEEd) Teaching Workshop

### > MARK HUNACEK, Senior Lecturer

486 Carver Hall, 515 294-8167, mhunacek@iastate.edu

# Courses Instructed in 2013-2014

# CON E 380: Engineering Law

Introduction to law and judicial procedure as they relate to the practicing engineer. Contracts, professional liability, professional ethics, licensing, bidding procedures, intellectual property, products liability, risk analysis. Emphasis on development of critical thinking process, abstract problem analysis and evaluation.

> CHUCK JAHREN, Construction Engineering Professor-in-Charge, W. A. Klinger Teaching Professor in Civil Engineering 458 Town Engineering Building, 515 294-3829, cjahren@iastate.edu

#### Courses Instructed in 2013-2014

#### CON E 322: Construction Equipment and Heavy Construction Methods

Selection and acquisition of construction equipment. Application of engineering fundamentals and economics to performance characteristics and production of equipment. Heavy construction methods and economic applications.

# CON E 381A: Bidding Construction Projects I: Heavy and Highway

Team development of construction process designs and cost estimates for transportation construction projects under closely simulated conditions. Examine project sites, consult with construction industry mentors, obtain subcontractor and supplier quotations, and submit bids.

# CON E 481A: Bidding Construction Projects II: Heavy and Highway

Similar to Con E 381, except students with previous experience attempt projects with larger scope or lead students with less experience.

# CE 505: Design of Construction Systems

Advanced design of concrete formwork and falsework systems. Design for excavation and marine construction including temporary retaining structures and cofferdams. Aggregate production operations, including blasting, crushing, and conveying systems. Rigging system design.

#### Other Roles

CCEE Administrative Council ConE Curriculum Committee

#### **DAVID JEONG**, Associate Professor

404 Town Engineering Building, 515 294-7271, djeong@iastate.edu

# Courses Instructed in 2013-2014

CON E 421: Construction Estimating

Conceptual estimating. Bid preparation for buildings, highways, heavy, mechanical trades. Estimating costs for material, labor, equipment, overhead, and profit. Quantity surveys, unit costs, production rates, and pricing methods. Subcontract bid analysis and bid procedure. Cost analysis and cost control. Electronic quantity take off and pricing methods.

#### CE 503: Construction Management Functions and Processes

Fundamental theories and applied methods for financial management of construction companies. Construction accounting, cash flow analysis, financial planning and management, and risk analysis. Case studies.

#### **KRISTIN MAURO**, Construction Engineering Academic Adviser

382B Town Engineering Building, 515 294-2744, kmauro@iastate.edu

#### Courses Instructed in 2013-2014

# CON E 121: Cornerstone Learning Community: Orientation to Academic Life

Integration of first-year and transfer students into the engineering profession and the Construction Engineering program. Assignments and activities completed both individually and in learning teams involving teamwork, academic preparation, and study skills. Introduction to construction industry professionals. Teamwork topics include interdisciplinary teamwork, skills for academic success, diversity issues and leadership. Introduction to organization of program, department, college, and university. Overview of faculty, staff, policies, procedures and resources. (Fall 2013)

# CON E 122: Cornerstone Learning Community: Orientation to Professional Life

Continuation of ConE 121. Integration of first-year and transfer students into the engineering profession. Career preparation, professional ethics, construction research, leadership. Introduction to construction industry professionals including how they interact with engineers in other disciplines. Continued introduction to program, department, college, and university organization. Overview of faculty, staff, policies, procedures and resources. (Spring 2014)

# Goodbye Note from Dr. Kristin Mauro

Since the fall 2007, I served as the ConE academic advising coordinator and Cornerstone Learning Community coordinator. Throughout my time in ConE, Larry Cormicle, and Beth Hartmann and I continued to develop and improve the Cornerstone Learning Community. In addition, I initiated and integrated ENGR 101 into CON E 121 (the learning community). To accommodate student athletes and transfer students, I developed and taught CON E 490 (independent study class focusing on the student's individual leadership development) in which students read a book by John Maxwell and wrote reflection papers. I also was active in mentoring peer mentors and working with them to develop their leadership skills.

As the ConE advising coordinator, I developed a website to house all advising materials. I also created and distributed an advising syllabus, which was a contract between my students and me outlining expectations. I also provided each new student with an advising folder to hold all of their pertinent advising materials. In addition to advising freshmen and transfer students, I trained new faculty advisers and provided backup support for the upperclassmen.

I also served on various university wide committees during my time at Iowa State. I was active in working on committees that best developed peer mentors and their mentoring experience at Iowa State. I also sat on committees related to MAP-Works, Assessment, and Gallup Strengths.

I truly enjoyed working with incoming freshmen and peer mentors because it afforded me the opportunity to get to know students on a personal level and watch them grow into their various leadership roles.

I would like to end by thanking the students, faculty and industry mentors who have supported me throughout my tenure at Iowa State. I have grown, evolved and learned much more from this experience than I expected. I am very happy to have had the opportunity to work with you all and am very much looking forward to the future. My future plans are to move to Salem, Ore. Milla (my beloved Chihuahua) and I left Ankeny for Oregon on July 13, 2014. I plan to continue working in higher education

# Construction Engineering Faculty and Staff (continued)

administration and teaching. My ultimate goal is to become a university professor so that I can have a more direct impact on the future of academic advising and student affairs while mentoring the next generation.

#### **Additional Points of Pride**

Advised approximately 150 students

Integrated personality testing, Strengths Finder, and an introduction to the upper-level ConE classes to the Cornerstone Learning Community

Nominated Alex Buscher and Maggie Holt as 2013-2014 Exemplary Peer Mentors, and they won!

Participated in the ConE Curriculum Committee

Participated in the College of Engineering's Advising Committee

Reviewed proposal submissions for the NACADA (National Academic Advising Association) regional and national conferences Reviewed proposal submissions for the ASHE (The Association for the Study of Higher Education) national conference Reviewed proposal submission for AERA (The American Educational Research Association) national conference

# > CATALINA MILLER, Adjunct Instructor

451 Town Engineering Builidng, 515 294-5403, mmiller1@iastate.edu

#### Courses Instructed in 2013-2014

CON E 421: Construction Estimating

Conceptual estimating. Bid preparation for buildings, highways, heavy, mechanical trades. Estimating costs for material, labor, equipment, overhead, and profit. Quantity surveys, unit costs, production rates, and pricing methods. Subcontract bid analysis and bid procedure. Cost analysis and cost control. Electronic quantity take off and pricing methods.

# > **BRAD PERKINS**, Senior Lecturer

452 Town Engineering Building, 515 210-9099, bperkins@iastate.edu

#### Courses Instructed in 2013-2014

CON E 241: Construction Materials and Methods

Introduction to materials and methods of building construction and construction drawings. Foundation, structural framing, floor, roof, and wall systems. Blueprint reading and quantity takeoff techniques.

CON E 251: Mechanical/Electrical Materials and Methods

Introduction to the materials and methods for mechanical and electrical construction systems and drawings. HVAC, water and waste water, power distribution, lighting, and fire protection. Blueprint reading and quantity takeoff.

CON E 352: Mechanical Systems in Buildings

Comprehensive coverage of mechanical systems, plumbing, fire protection. Analysis techniques and design principles for each system. Required comprehensive design project for a major building project.

#### Other Roles

Faculty Adviser for Mechanical Contractors Association Student Chapter

#### > **CLIFF PLYMESSER**, Lecturer

451 Town Engineering Building, 515 450-2357, cplymess@iastate.edu

# Courses Instructed in 2013-2014

CON E 340: Concrete and Steel Construction

Planning and field engineering for concrete and steel construction. Design and applications of concrete formwork to construction. Erection of structural steel. Emerging industry themes.

# ▶ **JENNIFER SHANE**, Associate Professor

498 Town Engineering Building, 515 294-1703, jsshane@iastate.edu

# Courses Instructed in 2013-2014

CE 306: Project Management for Civil Engineers

Project management, including work breakdown structures, cost estimating, scheduling, and project control. Civil engineering project life cycle, including planning, design, construction, and maintenance processes. Techniques in interpretation of contract documents, plan reading, and in estimating quantities.

#### CE 501: Preconstruction Project Engineering and Management

Application of engineering and management control techniques to construction project development from conceptualization to notice to proceed. Emphasis is on managing complex projects using 5-diimensional project management theory.

#### Other Roles

Faculty Adviser for Sigma Lambda Chi (construction engineering honors group) Faculty Adviser for Design-Build Institute of America Student Chapter Member of ConE Curriculum Committee

#### > YELDA TURKAN, Assistant Professor

428 Town Engineering Building, 515 294-7539, yturkan@iastate.edu

#### Courses Instructed in 2013-2014

#### ConE 222: Contractor Organization and Management of Construction

Entry level course for construction engineering: integration of significant engineering and management issues related to construction company operations. Company organization and operations, construction and project administration, construction contracts, delivery systems, insurance and bonding, construction safety, construction labor relations, and contract documents.

# CE 594S: Special Topics Construction Engineering and Mgt.: Building Information Modeling

Senior/graduate level course for construction and civil engineering: integration of previous construction/civil engineering coursework into Building Information Modeling (BIM), BIM Applications and Integrated Project Delivery (IPD). BIM process within and between various organizations; BIM applications in civil and construction engineering domain; emerging sensing and visualization technologies such as LIDAR and photogrammetry, and their integration into BIM; use of commercial software (Autodesk Revit; Navisworks; Tekla Structures; Tekla BIMSight).

# Other Roles

Member of ASCE Construction Institute Digital Project Delivery Committee

Member of Construction Industry Institute (CII) Academic Committee

Member of Transportation Research Board

Member of AFB80 - Geospatial Data Acquisition Technologies in Design and Construction Committee

Co-chair of FIATECH Element 6 – Project Management and Controls.

Member of ASCE Construction Research Council

Co-adviser for the CCEE Department Software Exploration Club

## > **DENISE WOOD**, Secretary

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# Roles

Supports construction engineering and civil engineering faculty, staff, students, student organizations and Construction Engineering Industry Advisory Council. Handles employment questions. Co-editor of Erector Set.

# **Construction Engineering Research**

#### > DR. DOUG GRANSBERG

#### PI: NCHRP 15-51: "Preconstruction Services Cost Estimating Guidebook," 2012-2015, \$425,000.

Understanding how to produce accurate preconstruction services (PCS) estimates requires a deep appreciation for the way a public engineering agency develops its construction projects from concept to bid day. While there are many outstanding academic studies on estimating construction costs, most are silent on how to estimate the cost to the agency to reach the point where the construction documents can be advertised for bids. This project will develop a stochastic parametric cost estimating model for use by public agencies to accurately estimate the cost to the taxpayer of developing a highway construction project to the point where a construction contract can be awarded. Dr. David Jeong is the co-PI.

# PI: NCHRP Synthesis 45-09: "Indefinite Quantity/Indefinite Delivery Contracting," 2013-2014, \$40,000.

Indefinite Delivery/Indefinite Quantity (IDIQ) contracting mechanisms (also called job-order contracting, master contracts, push-button contracts and other terms) are being used by some state DOTs to rapidly mobilize highway contractors and architectural and engineering (A/E) consultant services. IDIQ contracting gives DOTs the ability to award contracts for needed infrastructure without the need to pass through the traditional procurement process for every project.

PI: NCHRP Synthesis 45-16: "Alliance Contracting – The Next Generation of Collaborative Project Delivery," 2013-2014, \$40,000.

The Federal Highway Administration (FHWA) Transportation Construction Management Steering Group is an outgrowth of the 2004 Construction Management International SCAN. Its purpose is to disseminate information on procedures and processes to improve construction management. A number of the agencies that have implemented integrated delivery methods expressed an interest at the EDC 2012 Summits in learning more about project delivery using "alliancing," a method uncovered in the 2005 CM and the 2009 P3 International SCAN reports. At this point, there appears to be no U.S. public sector experience with alliance contracting. Hence, a synthesis that provides the fundamental information on this potential project delivery method is needed to allow transportation agencies to determine whether or not this highly collaborative approach is right for their capital improvement programs. Dr. Eric Scheepbouwer of the University of Canterbury in New Zealand is the co-PI.

# PI: "Major Equipment Life Cycle Cost Analysis," Minnesota Department of Transportation Project LLRB 2013-220, 2013-2015, \$97,904.

Managing an agency's major equipment fleet is rife with conflicting priorities. One of the most important is the economic trade-off between capital cost of replacing a piece of equipment and the ownership costs of operating and maintaining the machine in question for another year. Fleet management software based on basic engineering economic theory oversimplify this complex relationship by failing to account for non-financial input parameters, such as the agency's sustainability goals, volatility of fuel prices, actual annual usage rates for seasonal equipment, etc. Thus, the research objective is to develop a robust method that permits equipment fleet managers to maximize the cost effectiveness of their fleet. This is done by optimizing the overall life cycle value of each piece in the fleet. Dr. Chuck Jahren is the co-PI.

# Co-PI: SHRP2 R-10: "Project Management Strategies for Complex Projects," 2009-2014, \$1,650,000.

Dr. Jennifer Shane leads this project and Dr. Kelly Strong (Colorado State University) also is a co-PI. Dr. Gransberg's primary focus in this project is research into the construction financing aspects of complex projects. The project has developed a 5-dimensional model for complex project management, of which finance is one of the dimensions. The project was granted an extension and additional funding to continue for another year.

Co-PI: NCHRP 20-02: "Liability of Design-Builders for Design, Construction, and Acquisition Claims," 2013-2014, \$40,000.

Design-build is generally seen as providing a means to accelerate a project by providing a single point of responsibility for design, construction and related claims. A design-build contracting team typically handles and/or prevents construction claims based on defective design that arise during and even after construction has been completed. The design-build concept prevents the contractor from disclaiming liability for defects in the project discovered after project completion and acceptance. The research objective is evaluated whether liability for design, construction or acquisition damages is always transferred to the design-builder.

# Co-PI: "Barriers to Right-of-Way Acquisition and Recommendations for Change," 2014-2015, Minnesota Department of Transportation Project 2013-061, \$133,895.

The proposed study will identify barriers and obstacles that occur during the right-of-way acquisition process that result in cost increases and delays. The team will use its NCHRP and SHRP2 experience to benchmark effective practices, conduct structured interviews and a statewide survey, and conduct extensive case studies to meet this goal. The cause-and-effect analysis framework will be applied to the collected data to map causal relationships between identified barriers and negative consequences in the right-of-way acquisition process. A set of recommendations will be developed for each barrier identified in this study. Also, practical implementation strategies and methods will be developed and documented. A workshop session will be provided to quickly disseminate the findings of this study. Dr. David Jeong is the PI.

# **Construction Engineering Research** (continued)

Co-PI: "Quantification of Cost, Benefits and Risk Associated with Alternative Contracting Methods and Accelerated Performance Specifications," Federal Highway Administration, 2013-2015, \$424,891.

Conventional wisdom holds that accelerating project delivery costs money. However, there have been few if any definitive studies that quantify the costs, the benefits, and the change in risk profile. One of those studies comes from the Utah Department of Transportation alternative project delivery program and indicates that if the risks are properly accounted for that conventional wisdom is wrong. The objective of this project is to extend the analysis on a nationwide basis and replace perceptions with facts. The project also will develop model procurement documents for accelerated project delivery using performance specifications. Dr. Keith Molenaar of the University of Colorado-Boulder is the PI.

# > DR. CHUCK JAHREN

PI: "Prototype Course Development using Hybrid Learning," Iowa State University College of Engineering, 2012-2014, \$267,292.

Many College of Engineering courses are taught with a passive learning style. This is a consequence of, in part, exceptionally enrollments that discourage instructors and TAs to engage students individually or in small groups using highly effective active learning methods and learning efficiency for students. The objective of this proposal is to develop prototype courses that include hybrid learning — a combination of online and onsite content. It is expected that by replacing instructor-led, passive instruction for knowledge development, example problem solutions, and computer software and lab procedures training with online content. The instructional time saved can be used for active learning that fosters higher levels of achievement. This reinforces the Iowa State University brand by providing a hands-on, personalized, and pragmatic education. For example, two 50-minute sessions of passive learning with 40 students could be replaced by four 25-minute active learning sessions each with 10 students.

# PI: "Aggregate Road Surface Rejuvenation," Minnesota Local Road Research Board, 2013-2014, \$88,910.

Crushed rock and gravel surfaces deteriorate under traffic. During dry and windy conditions, fine particles can blow away when traffic stirs up the surface, leaving behind a course gradation with few binding materials. The resulting floating aggregate surface corrugates easily and reduces traction. Under wet conditions, larger particles are tamped into the subgrade while fine particles pump to the surface, leaving a fine gradation that is slippery and prone to rutting and potholes. One approach to remedying these issues is to haul and place a new aggregate surface to cover the problematic surface. However, with aggregate costs and environmental concerns increasing, it would be desirable to reduce the need for new aggregate. The alternative proposed by this project is to analyze the problematic road surface to determine how the existing material could be rejuvenated by blending the existing road surface with new aggregate that has the proper characteristics to bring the resulting surface to the proper gradation and plasticity. Using only the aggregate needed to rejuvenate the existing surface will reduce costs and increase sustainability.

PI: "Lightly Surfaced Roads; Stabilized Aggregate Applications," Minnesota Local Road Research Board, 2012-2014, \$73,600.

The issue of furnishing all-season surfaces to low-volume roads often is neglected to the point that many local jurisdictions consider the possibility of reverting paved roads to an unbound surface such as gravel, crushed rock or milled asphalt. It would be desirable to consider a light surfacing as an alternative halfway between the current Minnesota Department of Transportation design criteria, which require a minimum of 3.5 inches of hot mix asphalt (HMA) and an unpaved road. This 3.5-inch HMA pavement is practical for what is referred to within the State of Minnesota as a 10-ton design. However, 69 percent of the 60,000-mile Minnesota state aid secondary road system have under 1000 annual daily traffic (ADT) (which would be appropriate for a 10 ton design) and 40 percent of the under 1000 ADT group actually is under 400 ADT; this includes 15,700 land miles. Thus, considerable savings would be possible if light surfacing designs could be developed for this group of roads. It would be desirable to provide further information on light road surfacing beyond what has been provided in research projects.

# PI: "Rapid Bridge Deck Joint Repair Investigation," Iowa Department of Transportation, 2013-2014, \$48,764.

The objective of this investigation is to develop a rapid, effective, and economical approach to repairing and replacing bridge deck joints. Consideration will be given at the repair or replacement stage of a bridge's life cycle. Alternatives for various levels of traffic maintenance also will be considered. That is, "When is it better to close an area entirely to traffic, so work can proceed more quickly, and when should lane closures be used and some traffic be maintained in order to maintain mobility for road users?"

# PI: "Holding Strategies for Low-Volume State Routes," Iowa Department of Transportation, 2013-2016, \$161,506.

The objective of this research project is to assist Iowa Department of Transportation in developing strategies for maintaining lower volume highways near the end of their service life to a satisfactory level to delay the larger expense of rebuilding them. Under this investigation, research assistance will be provided for a pilot project to use holding strategies to extend the life of a relatively low-volume state route (Iowa state Route 93 between Sumner and Fayette) with the goal of providing a safe and adequate solution that will not divert investments to preservation projects. Assistance will be provided regarding materials selection, design guidance and comparison observations. Since similar projects may follow in other locations in the state using other methods, care will be taken to fully document the research methodology so it could be repeated in the future. Dr. Chris Williams is the co-PI.

# **Construction Engineering Research** (continued)

# PI: "Alternaive Design Methods to Renew Lightly Traveled Paved Roads," Minnesota Local Road Research Board, 2014-2015, \$94.335.

With the growing acceptance of pavement preservation concepts and declining budgets for road maintenance, the interest of highway agencies in low-cost pavement maintenance technologies for low-volume roads continuously increases. The conventional maintenance strategy is to apply an asphalt overlay (usually more than two inches thick) to aged pavement surface or reconstruct the pavement when the life of a road ends. Both of these strategies have been proven less cost-effective when compared to alternate technologies designed to extend the road service life and improve conditions of the surface and structure at lower costs. Such technologies include a variety of base and surface treatments from pavement preventive maintenance methods to rehabilitation methods, such as thin and ultra-thin HMA overlay, seal coat, micro-surfacing, cold-in-place recycling (CIR), and full-depth reclamation (FDR). These methods have been implemented nationwide and internationally for decades. However, experiences of working with these pavement technologies in the upper Midwest have not been well-documented. Documenting these experiences and evaluating their performances would be desirable for use in the selection of the appropriate methods to maintain low-volume roads. The objective of the proposed research project is to assist the Minnesota Local Road Research Board in developing a decision-making strategy for maintaining and rehabilitating low-volume paved roads at lower costs. Dr. Chris Williams is the co-PI.

# PI: "Optimal RAP Content for Minnesota," Minnesota Local Road Research Board, 2014-2016, \$90,298.

Much of the Minnesota local road network comprises unpaved roads. Unpaved roads initially designed for lower loads have been exposed to increased loads of agricultural equipment and increased traffic. This affects the performance of unpaved roads and reduces life of the road. Also, the problem of fugitive dust occurs as road gradation changes. Increased loads accelerate this process. With use, fine aggregates are drawn in the center and coarse aggregate are thrown to the edges. With increased speed of vehicles and pooling of binding materials, washboarding is an additional challenge that unpaved roads face. As the gravel sources in Minnesota have deplete and decline in quality, the construction of unpaved roads faces performance and economic issues. The objectives of this research will be to assess recycled asphalt pavement (RAP) as a material to reduce dust, washboarding, and its effects on road performance. We also will compare economic factors of using RAP for unpaved roads and using RAP for hot mix asphalt. Other objectives are to find a way to detem1ine the optimal RAP content for unpaved roads and develop design guide for using RAP for aggregate roads. Several steps will be required to complete this investigation: literature review and interviews, a workshop to consider means and methods to assess optimal RAP content, a planning effort, a series of field trail observations, and an effort to synthesize and document the results. Further details are provided below.

# PI: "Development and Delivery of Online Construction Management Certificate Program: CE501, CE502, CE503, & CE505," Iowa State University Engineering and Liberal Arts and Sciences Online Learning, 2014.

Under this project, four graduate courses will be upgraded to be taught completely online for both on-site and online students. Both online and on-site students will experience a class purposefully designed for online engagement. Online students will do this rather than downloading and watching videos pre-recorded in front of live on-site audiences. In addition to the online content, on-site students will attend weekly or biweekly recitation sessions, which fulfills personal contact with classmates and instructors. All coursework will become available to obtain a 12-credit online graduate certificate in construction management at Iowa State University.

#### DR. DAVID JEONG

# PI: "Iowa Pavement Asset Management Decision Framework." Iowa Department of Transportation, 2013-2014, \$120,000.

The benefits or value of various pavement treatments will vary depending on 1) the type of treatment, 2) when it is applied, and 3) the condition of the pavement at the time of application. Also, there is yet to exist any universal definition of the benefits of pavement preservation and rehabilitation treatments. A well-defined method to measure the benefits or the return value of each treatment option will greatly facilitate the decision-makers of right pavement treatment. This project develops a structured decision support framework for selecting the most effective and efficient pavement treatment that maximizes the return on investment for Iowa DOT's pavements. Dr. Doug Gransberg is the co-PI for this project.

# PI: "Framework for Advanced Daily Work Report System" Mid-American Transportation Center, 2013-2014, \$130,529. Resident engineers or inspectors spend a significant amount of time in recording field activities in the current daily work report or inspector's daily report system. However, the use of daily work reports is in general only for forensic evidence when there is any legal dispute or claim on the project. The detailed field level work activity data provide rich and invaluable data to produce meaningful information and knowledge to support various decisions throughout the highway project development process and during the operation and maintenance stage as well. However, the current daily work report system is seriously insufficient to meet this need in terms of data attributes, data formats and lack of effective computational algorithms to process the collected data. This project will develop an advanced framework for daily work report system including a) a standard data input structure, b) identification of decisions that can benefit from daily work report data, and c) effective data analysis methods and algorithms to produce required information and knowledge to support various decisions. The research team believes that the findings of this project will truly have

a long-term effect on decision making processes of highway projects. Dr. Doug Gransberg and Dr. Omar Smadi are co-PIs for this project.

#### > DR. JENNIFER SHANE

# PI: "SHRP 2: R10 Project Management Strategies for Complex Projects," Transportation Research Board of the National Academies, 2009-2014, \$1,700,000.

The shift in U.S. infrastructure needs has largely resulted from replacing, expanding, or renewing existing infrastructure. Project management issues involved with infrastructure renewal are markedly different than the issues for new construction, furthering the need for a change in project management approaches to the nation's infrastructure. Not only are infrastructure renewal projects more complicated, the situation has been exacerbated by years of underfunded maintenance and replacement. In other words, what would have been a complex process under ideal circumstances has been more challenging because of the need to rapidly avert infrastructure failures. The objective of this research is to identify and communicate critical factors in successfully managing complex transportation design and construction projects. One of the key underlying research assumptions is that the ability to successfully manage complexity is directly related to the ability to integrate the project team across the entire life cycle. The ultimate goal of the research is to develop a comprehensive training and development program that enables project partners to work more cooperatively on such projects. This project has been awarded an extension in time and additional funds to provide additional training and work with several project teams. Co-PIs for the project are Dr. Doug Gransberg and Dr. Kelly Strong (Colorado State University).

# PI: "NS220 OCIC Risk Based Engineers Estimate," Minnesota Department of Transportation, 2013-2014, \$147,797.

The review of any bid depends on the reliability of the estimate compared, making estimates an essential element in the project approval process. Thus, departments of transportation (DOTs) should put great effort in the estimates' preparation, as underestimating can lead to project delays, while over-estimating can lead to inefficient use of funds. Delivering more lump-sum projects is an Engineering Services Division strategic initiative in the Minnesota Department of Transportation (MnDOT). Since lump-sum items often are more difficult to price, it becomes important to develop an effective practice for consistent cost estimating. Risk-Based Estimating (RBE) combines both risk management and traditional cost estimating to develop an estimate that includes the risk in the project's cost. RBE thus serves as an excellent estimating technique that generates reliable estimates. The objective of this research proposal is to 1) conduct a literature review of RBE, 2) conduct state-of-practice review of RBE used by DOTs and other construction organizations, and 3) give recommendations on how these practices can be incorporated into MnDOT's business practices. Recommendations reached through this research are anticipated to help the MnDOT estimating team gain a better understanding of RBE and how it could be employed in the MnDOT estimation process.

# Co-PI: "RT305 Measuring Project Complexity and Its Impacts," Construction Industry Institute, 2012-2014, \$240,000.

Complexity is a term often used in the construction industry. However, there appears to be no standard definition of what it means or how to measure it. Intuitively, the construction industry knows that project complexity has an impact on project delivery, project management practices, and project performance. Complex projects demand an exceptional level of management, and the application of systems developed for ordinary projects often has been inappropriate for complex projects. Construction research has, in some cases, demonstrated that complexity impacts projects. Projects have certain critical characteristics that determine the appropriate actions to manage them successfully. Project complexity is one such project characteristic or dimension impacting project development and management practices. The purpose of this project is to develop a methodology, including potential tool(s), to help organizations identify, measure, and respond to project complexity to hasten organizational change in behavior and increase the likelihood and/or predictability of achieving desired outcomes. Dr. Stuart Anderson (Texas A&M University) is the PI.

#### DR. YELDA TURKAN

# PI: "Digital Documentation of Element Condition for Bridge Evaluation," Mid-America Transportation Center, 2013-2014, \$49,154.

Bridge condition inspection data provides critical and rich information for assessing structural condition. Currently, the majority of bridge evaluation methods use printed checklists, and their interpretation is labor-intensive, subject to personal judgment, and prone to error. To realize the full potential of infrastructure inspections, there is a need to automate the data management process. This research project proposes to use Bridge Information Modeling (BrIM) technology, which enables management of information in a 3-D. This environment combines a 3-D representation of the infrastructure and allows the integration of inspection data, such as the presence of damages, types of damages, severity, and localization. Building Information Modeling (BIM) has become a standard tool for vertical construction projects. The lessons learned are now being transferred to horizontal projects, such as highways and bridges. Although the principles, methods, and software are very similar, different acronyms, such as Virtual Design and Construction (VDC), 3-D Engineered Models, Civil Integrated Management (CIM), BrIM and others are used to define BIM for horizontal projects. In this proposal, we use BrIM to refer to the database that integrates a 3-D bridge model and bridge element condition data. Using the proposed BrIM, information can be automatically queried, sorted, and evaluated, which will substantially improve infrastructure management operations. This will result in reducing costs associated with infrastructure management and improving the overall quality of our infrastructure by enabling more effective maintenance and repairs. Dr. Simon Laflamme is the co-PI.

# PI: "Modernizing Road Construction Plans and Documentation," Minnesota Department of Transportation, 2014-2015, \$146,022.

Plans and specifications provide a variety of information. Current construction documents reflect the needs of 20 years ago. It can be difficult to visualize plans in 3-D with current standard submittals. Constructability is difficult to understand because the current process lags available technology. This research will investigate what is really needed on construction plans, what the contractor really needs to build, and what is proposed. It also will identify the necessary requirements to provide for construction plans. The requirements need to change and may ride a sliding scale based on the project being constructed. What goes in a plan set for a total reconstruction might look different than what goes in the set or is required for a total reconstruction. This research will assist Minnesota Department of Transportation (MnDOT) engineers in gaining a better understanding of how and which types of plans, models, and other bid documents are used and delivered electronically in the construction industry and how these practices can be employed in MnDOT business practices. Dr. Jennifer Shane is the co-PI.

# PI: "Terrestrial Laser Scanning-Based Bridge Structural Condition Assessment," Midwest Transportation Center, 2014-2015, \$64.115.

Objective, accurate, and fast assessment of bridge structural conditions is crucial for timely safety risk assessments. Current practices for bridge condition assessment rely on visual observation of the structure and manual interpretation of reports and sketches prepared by inspectors in the field. Visual observation, manual reporting and interpretation has several drawbacks, such as being labor intensive, subject to personal judgment and experience, and prone to error. Terrestrial laser scanners (TLS) are promising sensors for identifying structural condition indicators, such as cracks, displacements and deflected shapes, as they are able to provide high coverage and accuracy at long ranges. However, there is limited research conducted on employing laser scanners to detect cracks for bridge condition assessment. This research project proposes to measure the performance of TLS for detecting cracks for bridge structural condition assessment. Laser scanning is an advanced imaging technology used to rapidly measure the 3-D coordinates of densely scanned points within a scene. The data gathered by a laser scanner are provided in the form of point clouds with color and intensity data often associated with each point within the cloud. Point cloud data can be analyzed using classification metrics and algorithms to detect cracks for condition assessment of reinforced concrete structures. In this research project, an algorithm for detecting cracks from laser scan point clouds will be developed based on the state-of-the-art condition assessment codes and standards. Using the proposed method for crack detection would enable automated and remote assessment of bridge condition. This would, in turn, result in reducing costs associated with infrastructure management, and improving the overall quality of our infrastructure by enabling more effective maintenance and repairs. Dr. Simon Laflamme is the co-PI.

# **Past Construction Engineering Personnel**

> **GERALD W. CHASE,** Associate Professor Emeritus

1707 Northwestern Ames, IA 50010 515-232-0150

Greetings Friends,

Everything is fine here in Ames. We enjoy our friends and activities. I continue to play Cribbage at the Boys and Girls Club. It's a lot of fun. I continue to enjoy attending the Con E graduating senior dinners every semester. Our placement rate for this spring and summer is very high (98%). The graduating seniors are very complimentary of the program, the faculty, the staff, and each other. Many of them mention the "sense of community" they have experienced as students in the ConE program. Also, this year I attended the ConE Banquet. I really enjoyed seeing many of you there. I had the privilege of awarding the "Jerry Chase" Scholarship, which was established by Chuck Jahren in my name. Thanks, Chuck. Nice honor.

I am on several boards for our local chapter of Habitat for Humanity, but I am no longer a "hammer and nail" guy. We are currently building a single story duplex for two handicapped persons; one on each side of the duplex. ConE students have remained active on the Habitat projects, making a major contribution.

Wishing the best to all of you. Feel free to stop by when you are in Ames.

Jerry Chase (jerryandsallyc@q.com)

MARK FEDERLE, Associate Dean for Academic Affairs, College of Engineering and McShane Chair in Construction Engineering and Management

Dept. of Civil, Construction and Environmental Engineering Marquette University 257 Haggerty Engineering Hall Milwaukee WI 53201-1881 (414) 288-4531, Cell (414) 292-7938, mark.federle@marquette.edu

# All:

I have now been at Marquette for 6 years. Last year we found out that Marquette is now home to the 13th ABET-accredited Construction Engineering program in the country. I've also had the opportunity to see a number of alums as part of my consulting travels. it is always great to hear how well many of you are doing.

Last August I assumed a half-time role as the Associate Dean for Academic Affairs in the College of Engineering — it is interesting to administration from a college level view.

This May and June we had a Law School, a Marquette University and a High School graduation — mix in a couple weddings, a prom, a soccer tournament and moving two kids out of their apartments (oh yeah and Michele made/decorated a wedding cake designed to feed about 300 people!) — busy 6 weeks.

Sarah has completed her law degree and will sit for the bar at the end of July. Jackson graduated from Marquette University and is looking for a marketing position for a sports team — any leads would be greatly appreciated. Braeden will be a Chemical Engineering student at South Dakota School of Mines and Technology and playing for the Soccer team as a keeper (our first child to sign with a school — very exciting).

To celebrate all the graduations we are heading to Ireland for two weeks — hopefully the Guinness Factory is working double shifts in anticipation of our arrival!

Michele is busy teaching in the same high school that Braeden attends.

My best to everyone. If you are ever in the Milwaukee area, please give me a call. Finally, I am always looking for folks to come in and guest lecture!

My best! Mark

# Past Construction Engineering Personnel (continued)

**DAVID FERREE**, Assistant City Attorney

Des Moines International Airport 5800 Fleur Dr. Des Moines, IA 50321 daferree@dsmairport.com, dferree@justice.com

> ED JASELSKIS, Jimmy D. Clark Distinguished Professor Construction Engineering and Management

Department of Civil, Construction, and Environmental Engineering

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North Carolina State University

Raleigh, NC 27695

919-515-1158, Fax: 919-515-7908

I hope this message finds you well. This has been a great year, and I share some of the more memorable moments with you. At a conference in Seattle this spring, I met some ISU ConE's who made an entertaining and informative presentation along with Tim Becker on career opportunities working for subcontractors. I had a chance to get to know them better on our way to dinner and was most impressed with the way they carried themselves and represented Iowa State. I continue to refine my global construction practices course by seeking new partners and had the opportunity to travel to Sri Lanka and China last December. I recently completed a construction project review for the Department of Energy and found the experience to be most interesting. I was recently selected to serve on a new Construction Industry Institute research project related to better understanding project progress and performance measurements. I am part of a global leadership forum representing construction programs around the world — just recently came back from the annual meeting in Banff. We are settling in now to our new home in North Carolina. I hope you are all doing well. If you are ever in Raleigh please call me — it would be nice to either go out to lunch with you or chat over a cup of coffee

Best,

Say hi to everyone for me.

Ed

# TOM C. JELLINGER, Professor Emeritus

103 Concordia Dr. Bella Vista, AR 72715 479-855-1030 jellinger8612@att.net

Greetings from Arkansas:

Another year has zipped past and the Old Prof has hit 90. Believe me, it is nothing to look forward to.

The news from the Construction Engineering program continues to amaze me. The projects that you undertake are bigger than anything I ever envisioned. When you get to where you are talking about hundreds of millions of dollars, you leave me in the dusty past.

Life here in Arkansas continues to be pleasant and enjoyable. I get enough visitors to keep me aware of what is going on in the world, and the University is very good about keeping me informed. Of course, the best contact is face to face. I have not had a visit from any of the graduates as of late. Maybe this next year you can stop by. I will have a cold one ready.

Northwest Arkansas is a busy, growing area, and if you are looking for a place to set up shop, this is a fairly good location. I always enjoy reading the latest news from each of you. Unfortunately there are some who do not respond to the request for information, so we do not know what is going on with them. I urge you to answer the request for information so that we can keep up to date on how you are doing.

To each of you, I send wishes for success and happiness. Be sure to keep in touch.

God Bless,

Tom Jellinger

# > JIM ROWINGS, VP and Chief Learning Officer

Kiewit Corporation Kiewit Plaza Omaha, NE 68131

Greetings from Omaha. We have had a chance to get back to Ames several times during the last year to visit close friends and keep up on the town and gown. I enjoyed going to the Spring ConE Banquet and seeing many former students and friends of the program. The students who organize this event and program do a wonderful job and always impress me with their poise and good public speaking skills. The quality of the event demonstrates their leadership and teamwork skills. We know they have the technical skills to succeed in our business, but this showcases many additional skills to be successful in life. If you have a chance to get back to Ames near the end of April, I would recommend this opportunity to catch up with classmates and alumni of the program.

Kiewit continues to enjoy success through its people in many markets in North America. It is fun to be a part of a great organization and to continue to help develop the talent for the future. I don't look back very often, but when I do I am always amazed at the advancements we have made in the business of construction. The new hire engineers bring new skill sets to our industry and learn fast how to apply them. They help mentor those that have joined the industry before them and learn some of the lessons of the past, hopefully to avoid the rocks in the road and the potholes of past failures. Our biggest challenge is maintaining a steady pipeline of the best talent into the organization to match the great opportunities our industry has ahead. We all need to recruit the best people to our industry and help them develop.

So much for my mission; now on to the family. Our kids give us a lot of opportunities to travel and be involved in their busy lives. Hilary, our oldest, continues her Physical therapy practice with Parkinson patients in the Mayo system in southern Minnesota. Hilary and her husband, Alex, had a busy year last year when our grandson had major surgery at Mayo to reconstruct his vocal chords and larynx. We enjoyed seeing them here for the college world series and giving batting practice to Nolan, our 2 1/2 year old grandson. Adam continues in his career with Fandango with business analytics and beginning his last year of his MBA at UCLA. Our youngest finally has had enough of Chicago winters and is moving this fall to Santa Monica to begin a new career in the entertainment industry. It's good to have an excuse to go to a warm place in the winter when you live in the upper Midwest.

LaDona and I continue to enjoy our active life in and out of Omaha. We plan some fun travels full of adventure and outdoor activities, visiting friends from prior places we have lived and worked, and spending time with our families. Hope all of you have had good times in the last year and are enjoying good health for yourself and your families. Good luck in the coming year and I look forward to hearing about your career and your life experiences during the year.

All my best to you, Jim

### > JOHN G. RUSSO

Russo Consulting, Inc. P.O. Box 390053 Edina, MN 55439 952-944-7137 (Phone), 952-935-9647 (Fax)

Another year gone by — and I made it to 70! Still pretty much full time, except I spend 2 1/2 months (spread over five months) in Florida during the winter.

All is good with me and my family. The big news is that my oldest granddaughter (Laura) will be at ISU in the fall — in engineering, no less. She is very bright and picked up one of the big "President's Scholarships" to entice her away from the University of Wisconsin.

Anybody coming through the Twin Cities or in the vicinity, give me a call (952-944-7137); I'll buy lunch.

# ➤ **IRA WARD**, Associate Professor Emeritus

12401 N. 22nd St. E-305 Tampa, FL 33612-4654 813-910-8807 iward001@tampabay.rr.com

# **Construction Engineering Internship Program**

The participation in the internship/coop program by construction engineering students for the summer of 2014 has one hundred forty-two (142) students participating. This is a 10% increase from the record number for the summer of 2012 enrollment and an increase of over 130% since the low in 2006.

Many of you have been hiring our construction engineering students for years as summer interns, with great success in hiring new graduates a year or two later. My personal thanks to all alumni and their employers for your continued support of the intern/coop program by recruiting and hiring our construction engineering students. For those of you that have yet to recruit our students for intern assignments, consider adding our program to your hiring goals and begin recruiting this fall for next summer's interns. With our undergrad enrollment at 316 students, you will find almost every student looking for that intern position.

The internship and coop program for construction engineering students is a great way for employers to begin recruiting our future grads. Many of our recent graduates accepted their first job with an employer that they worked for at least one term as an intern.

Many employers prefer to hire students as interns for either a summer, or for an 8-month period covering either the spring and summer semesters, or the summer and fall semesters. Whether a 3- month summer only, or an 8-month two-semester term, employers are increasingly finding this intern or coop arrangement the best way to find future new graduates.

The intern/coop program is administered by Engineering Career Services within the College of Engineering. Check out the website below for more information for employers:

http://www.engineering.iastate.edu/ecs/internships/

The intern/coop program is provided at no cost to both the student and the employer. The reporting is simplified and is paperless using a web-based reporting system. Students and employers will find the reporting process quick and easy at the end of the student's intern/coop work period.

We are asking all students that have a summer intern position to formally sign up for the internship program. Many students who work the three summer months as an intern have elected to not sign up for the formal program. In the ever tightening budget situation at ISU, the more we can document the summer intern experience, the more successful we will be in obtaining the financial resources for our program. As employers we ask that you strongly encourage your intern employees to participate in the formal intern/coop program. Their involvement begins with a short meeting with me as the faculty adviser of the intern/coop program. Your support would be greatly appreciated.

Just as a side note, for the entire College of Engineering there are 936 summer intern/coop engineering students enrolled for the summer of 2014. The construction engineering total of 142 comprises 15 percent of the entire college of engineering summer intern students. Meanwhile, the ConE undergraduate enrollment of 316 last spring semester was only 4 percent of the total undergraduate enrollment in the College of Engineering.

Larry W. Cormicle
Faculty Adviser for Intern/Coop Program
Construction Engineering

# **Construction Engineering Cornerstone Learning Community**

CON E 121/122

The Cornerstone Learning Community is a required 2-semester sequence. This class provides incoming freshmen and transfer students the opportunity to come together, build a community, and learn about the construction engineering (ConE) program. The fall semester is combined with Engineering 101 and is focused on helping students acclimate to college life, learn about the various services on campus, and build relationships with peer mentors (upperclassmen), faculty mentors, and industry mentors. Faculty mentors meet with groups of students for a meal. Industry mentors take students on a jobsite tour and share a meal with the students. Classroom topics include identifying personality types, preparing for the career fair, time management, study skills, leadership, teamwork, and more.

The second semester builds on the first semester — adding a more in-depth look at the ConE courses and includes additional topics in leadership and teamwork. Strengths Training was introduced in Spring 2014 due to the generous donation of Rich Greenlee (BSConE'66) and his wife, Carm (BSFamConsSci'65). The Greenlees have committed to providing the book "Strengths 2.0" to each spring learning community class.

The Cornerstone Learning Community co-coordinators strive to improve this course every semester by revising the content based on student and industry feedback. The learning community co-coordinators for 2013-2014 were Kristin Mauro and Beth Hartmann.

Donations from industry help to make the Cornerstone Learning Community one of the best on campus. Donations help to provide students with hardhats and T-shirts, as well as fund peer mentor salaries and other supplies for the course.

This past year, two of our peer mentors were honored as exemplary peer mentors. Senior Alex Buscher and Junior Maggie Holt were recognized for their outstanding achievement while working with learning community students. The Iowa State University Learning Communities select students for this award.

The peer mentors for 2013-2014 were:

# Fall 2013

Alex Buscher Maggie Holt Jenna Koelker Travis Regan Ben Swenson Alex Toth

#### Spring 2014

Caleb Bonderer Shawn Clarke Joel DeGrave Joe Hahn Maggie Holt Peter vonQualen Travis Regan Ben Swenson Chad Tenold Josh Tuggle



More than 100 students display StrengthsFinder 2.0, a book that Rich (BSConE'66) and Carm (BSFamConsSci'65) committed to donate for every spring semester Cornerstone Learning Community student.



The Cornerstone Learning Community allowed students to bond at the Memorial Union Bowling Alley, complete with Iowa State construction helmets.





Spring 2014 graduate Alex Buscher (left) and current senior Maggie Holt earning Iowa State University Learning Communities 2013-2014 Exemplary Peer Mentor



# Iowa State University Associated General Contractors Student Chapter

The Iowa State University Student Chapter has continued to involve members in numerous ways throughout the past year. AGC remains construction engineering's largest club with 105 active members and continues to grow in order to meet the changing needs of the construction industry. The group has made efforts to improve the education on new advances in the construction industry by improving the courses taken by construction engineering students and providing opportunities outside of the classroom. AGC has become a medium that allows all ages and emphases of construction engineering students to meet and share their passion for construction.

This past year brought many great opportunities to AGC Student Chapter members. The organization took 37 members on a Thanksgiving Break trip to Moore, Okla., for the continual tornado damage relief occurring in the area. Over Spring Break a trip was taken to Washington, Ill., to help rebuild the homes of families who lost everything from the tornado damage there in November 2013.

The ISU AGC Student Chapter also took part in many other various community service projects in and around the Ames community. They poured a concrete slab for an outdoor basketball court, built dugouts for Ames Parks & Recreation, participated in various projects for Friendship Ark Homes, as well as participated in many other projects, totaling 980 local service hours.

ISU AGC continues to fulfill its mission of providing excellent service to the community, promoting camaraderie amongst students, enhancing industry involvement, and providing innovative knowledge to its members through guest speakers. Please check out our website, Facebook page, and YouTube channel!



www.stuorg.iastate.edu/agc



www.facebook.com/isuagc



www.youtube.com/user/ISUAGC



The 2013-2014 AGC lowa State Chapter poses after being recognized as America's most outstanding chapter — for the ninth time.



AGCers take a break during their 2014 Spring Break rebuilding homes in Washington, III. Washington experienced severe tornado damage in November





The 2013-2014 DBIA lowa State Chapter Cabinet (from left): Bob Olson, secretary; Neil Wysocki, vice president; Moira Livesay, treasurer; Brandon Mai, webmaster; Deep Shrestha, architectural ambassador; and Drew Lensch, president.

# Design-Build Institute of America (DBIA) lowa State Chapter

The Design-Build Institute of America Student Chapter is an organization designed to expose students to the design-build project delivery method and to build collaboration between design and engineering students. Architecture, civil engineering, and construction engineering students learn together through jobsite tours on design-build projects, by attending DBIA-Iowa Chapter events, and from industry representatives that present their experiences with design-build at monthly meetings. Monthly meetings and new Lunch & Learn events this year have featured presentations from the following companies:

- > Russell Construction & Former DBIA-Iowa President Lee Marbach
- Ryan Companies & Current DBIA-Iowa President Dustyn Curran
- Clayco Corporation
- > Hayward Baker
- > HAILA Architect
- Opus Group
- ➤ ARCO/Murray
- ➤ Heery Architecture

In addition to these monthly meetings, our members have been busy networking with industry professionals at the DBIA-Iowa Golf Outing, chapter meetings, and the new Agricultural and Biosystems Engineering facility tour. We would like to extend a big thank-you to everyone at DBIA-Iowa who has been instrumental in keeping our club active and involved at the

industry level. Aside from networking, our members enjoy social events such as Friday After Classes at Pizza Pit and jobsite tours like this year's overnight trip to Kansas City. DBIA is a way for students to continue learning outside the classroom while having a good time and making new friends.

In November 2013, DBIA was fortunate to send two students to the DBIA National Conference and Expo in Las Vegas, Nev. At the convention, students were able to network with professionals from across the country and volunteer their time to help staff the event. We are also pleased to announce that we will be sending a team to the DBIA National Student Competition at the Dallas National Convention in fall 2014. Our team placed first in the Midwest region in the Request For Qualifications (RFQ) portion of the competition earning the right to compete at the national level. Opportunities like these are great learning experiences for our students and help them grow as professionals before leaving Iowa State.

We especially thank our faculty adviser, Dr. Jennifer Shane, and our 2013-2014 industry sponsors: Russell Construction, Bratney Companies, and Interstates Companies.



NECA members Brandon Griffin (left) and Brandon Mai attend the 2013 DBIA National Conference in Las Vegas, Nev.



The 2013-2014 MCA Iowa State Chapter Cabinet (from left): Perry Martens, vice president; Jonathan Jensen, president; Brandon Mai, webmaster; and Justin Block, treasurer.

# Mechanical Contractors Association (MCA) lowa State Chapter

The Fall 2013 semester began with an array of new faces in the student chapter and high expectations for the year to come. Within the first few weeks of classes the chapter hosted the first major event of the year, the annual golf outing. The outing was hosted at the Harvester Golf Club in Rhodes, Iowa. The outing fell on a breezy September afternoon with a great turnout of 12 foursomes, including contractor representatives and students.

After the great kickoff to the semester at the golf outing, two students—Jonathan Jensen and Aaron Elston—attended the MCAA Student Summit in Memphis, Tenn. While there, they were introduced to this year's student competition and toured the St. Jude Children's Hospital. This was a great opportunity to see very complex and unique mechanical systems.

Aside from these events, the student chapter held its regular monthly meetings with various mechanical companies presenting on topics in mechanical construction. The bulk of the fall semester was an effort to prepare and submit the proposal for the MCAA Student Chapter Competition. Although the results of the competition left the team placing in the middle of the pack, the experience and knowledge obtained will provide a strong drive for the returning members of the team.

New this year, the chapter paired with the NECA Student Chapter to host M.E.P. Career Fair, providing an opportunity for local mechanical and electrical contractors to interact with our students looking for internships and fulltime positions. The event was a great success and was held during both spring and fall semesters. The bond between the MCA and NECA student chapters continues to grow with joint social events throughout the year.

The spring semester brought more excitement as four students attended the MCAA National Convention held in Scottsdale, Ariz. Justin Block, Jonathan Jensen, Brandon Mai and Perry Martens attended presentations by mechanical contractors and vendors. They also enjoyed networking and social events with other student chapters from around the country.

Overall it was a successful year for the Iowa State University MCA Student Chapter. Student members had the chance to share fun and educational experiences along with advancing their futures in our industry. We are excited to announce that all three graduating seniors have fulltime positions and 17 of the 19 non-graduating members have acquired internships for the summer. We would like to thank the Department of Civil, Construction and Environmental Engineering, our faculty adviser Brad Perkins, and the MCA of Iowa for making this year possible. We look forward to continuing our tradition of excellence in the years to come and continuing to grow the MCA Student Chapter.

In July 2014, the MCA Iowa State Chapter received an MCA Chapter of Excellence Award, awarded to the ten best MCA student chapters in the U.S. Students will receive \$5,000 in scholarships and \$2,500 for chapter operations. Iowa State also received this award in 2012, maintaining its status as one of America's best student chapters.



Students study the building systems of Memorial Union for their 2014 NECA Green Energy Challenge project.

# National Electrical Contractors Association (NECA) Iowa State Chapter

As a student-run organization, NECA focuses on helping our members succeed in both school and the industry. Our goals are to integrate students and young professionals into the electrical construction industry. We do this by promoting interaction between construction engineering students and electrical construction professionals. We also help students in the pursuit of internships, co-ops, and future full-time employment. This year NECA and MCAA student chapters partnered to hold what is called the "MEP" Career Fair. This is a mini-career fair that is directed at students interested in mechanical, electrical, and plumbing construction careers. The MEP Career Fair is held in Howe Hall every semester and is a great way for students to get jobs in the mechanical and electrical industry. Our monthly meetings provide students with presentations from a variety of industry professionals such as Commonwealth Electric, Mass Electric, Wolin Electrical, and M&M Lighting. NECA also participates annually in a student competition known as the Green Energy Challenge. This is a nationwide competition in which groups create a proposal for improving the energy efficiency and carbon footprint of a local building. This year Cyclone Energy received first place on the written proposal and placed third at the NECA National Convention in Washington, D.C.

NECA also organizes jobsite tours with electrical construction companies to promote learning. This year, NECA toured the Facebook Data Center in Altoona, Iowa. Students were shown complex electrical systems in this 476,000 square-foot data center. Through these types of activities, we are able to offer our members what we believe to be a great educational experience that will carry on into their professional careers.



NECA members examine the Memorial Union Parking Ramp for the 2013 NECA Green Energy Challenge.

#### **Active Members**

Lucus Baxter
Caleb Bonderer
Alex Buscher, president
Andrea Dvorak
Kate Glowacki
Joe Hahn, treasurer
Margaret Holt, vice president
Jonathan Jensen
Kingsley Jewett, secretary
Bryan Marroquin
Zach Schutz
Britta Sortland
Justin Truckenmiller

# **Faculty Advisers**

Beth Hartmann, lecturer Jenny Baker, senior lecturer



# Iowa State University National Association of Home Builders Student Chapter

The goals of the Iowa State University National Association of Home Builders (NAHB) Student Chapter are to develop and support an interest in residential construction and development. The key objectives used to accomplish this goal shall be to:

- ➤ Promote communication and networking between the industry and student members
- Familiarize the students, faculty and administration with the professional charter and economic impact of the residential industry
- ➤ Promote and emphasize professional and social aspects of the student organization
- Acquaint the students with the new trends and ideas in the residential construction industry so that he/she may be better prepared for his/her future work

This year, the Cabinet began a new tradition of build days during monthly general meetings. In the fall, Des Moines Area Community College Building Trades Instructor Ned Rasmussen came to teach members framing techniques. In the spring, students built dog houses to learn hands-on about home-building techniques such as framing, siding, and roofing.



NAHB Iowa State Chapter 2013-2014 Cabinet (from left): Justin Menke, Sean Heinz, Arthur Heldt, Amy Salcedo, Eric Johnson, Eli Hemesath, and Laith Kanaan.



NAHB students applied home-building techniques to a dog house project.

# **Construction Engineering News**

# 1982 ConE alumnus featured in ENR company profile

# August 2013

Paul Higgins, 1982 construction engineering alumnus and recently appointed COO of The Beck Group, was featured in the August 2013 edition of Engineering News-Record. The magazine featured his company, calling the Dallas-based contractor "a healthy balance of innovation and collaboration that is fueling future growth." Higgins also is on our ConE Industry Advisory Council.



# Griffith: Customer goals the priority in construction engineering

# Aug. 2, 2013 (College of Engineering News, Laura Millsaps)

Kendall Griffith, vice president of operations for Mortenson Construction's Minneapolis office, is an Iowa State University alumnus with an impressive portfolio of construction projects and a conviction that close collaboration between builder and client produces the best outcome.

Griffith, a 1992 graduate, came to Iowa State from Geneseo, Illinois, and was drawn to construction engineering by a realization that he was fascinated with the urban environment.

"At the time, the 801 Grand building in Des Moines was going up, and it was a really cool urban project," Griffith says. "I'd also previously lived in Baltimore, and through my experience with large East Coast cities, I knew I had an appreciation of the history of the built environment. I was excited by the idea that I could be a part of the evolution of a city."

Griffith found coursework at Iowa State not only engaging but also a solid preparation for his career in industry. And academic adviser Jerry Chase (emeritus professor of civil and construction engineering) was an important faculty influence.

"He was the right person, in the right place, at the right time in my formative student years. His personal style, his knowledge, and his ability to relate his industry experience to students made a big impression on me," says Griffith.

After a co-op job in southern California with a water treatment contractor confirmed Griffith's desire to work on buildings, he went straight from graduation to Mortenson Construction and has been there ever since.

Griffith said the key to success in commercial construction, one he's learned over the course of his career at Mortenson, was realizing that the builder's own best interest lay with the customer's.

"In that regard, I'm working for the right company. Mortenson places a high value on the philosophy of close partnership with the customer, and so do I."

It's a philosophy that developed in his first years with the company. Griffith started as a project estimator. After an early opportunity overseeing the construction of a hospital in Grand Marais, Minnesota, Griffith was sent to Orlando, Florida, for two and a half years to work with Walt Disney Company on a project he considers "the most important and pivotal" of his career—the construction of what is now the ESPN Wide World of Sports Complex. Mortenson served as Disney's construction manager partner on the project, with Griffith as part of the team.

"Acting purely as a builder and operating solely in your own interests, you manage your budget, your schedule, your risk. But that doesn't really consider the customer, the people or organizations you are building for," Griffith explains. "As a project manager, you become so in tune with their budget, their schedule, and their risks that you become an extension of them. And that's what it really takes to succeed—that collaborative relationship, being completely aligned with customer objectives and priorities."

Afterward, Griffith returned to Minneapolis, overseeing successively larger projects, including the 2005 Walker Art Center Expansion—a \$45 million project that included work of Pritzker Prize-winning Swiss architecture firm Herzog and de Meuron and the challenges of a unique design.

"There were no traditional details on that building, no traditional spaces, and so there were no traditional approaches to construction. We had to retrain everyone on the job site to think differently, to build differently. It was an incredibly challenging and rewarding project."

His favorite project of all time? Russia's Grizzly Coast Exhibit, completed in 2008.

"It was a completely different kind of client for us. The Minnesota Zoo has been a pioneer in replicating as exactly as possible an animal's environment to educate people and promote conservation. It was interesting and fun to dive into the details."

Griffith returns regularly to Iowa State, both to oversee Mortenson projects on campus like the construction of Hach Hall and the flood restoration of Hilton Coliseum, as well as for employee recruiting.

He says Iowa State University's civil, construction, and environmental engineering department does an excellent job keeping itself attuned to industry trends and the quality of the education continues to be as strong as when he attended.

"The course work is very, very good and prepares the students well for what would be expected of them in industry. I've found that Iowa State grads tend to make a smooth transition from student life to industry work."

In his experience recruiting and interviewing, he's handed out plenty of advice to graduating students, but he said he found that the level of energy people bring to their career is the first indicator of success.

"Make sure you're excited about what you're doing," he says, "and if you are, let it guide you."

# Annual U.S. News rankings: Iowa State is among top 50 public national universities

# Sept. 10, 2013 (Iowa State University News Service, Mike Krapfl)

AMES, Iowa – Iowa State University is again among the top 50 public national universities in U.S. News & World Report's 2014 "America's Best Colleges" rankings out today.

Iowa State is in a six-way tie for 47th among 173 best national public universities and 101st overall in the "Best National Universities" category, which includes 281 American universities offering a broad range of undergraduate majors, as well as master's and doctoral degrees. Last year, Iowa State tied for 46th among publics and was 101st overall.

In biological/agricultural engineering, Iowa State is the 4th ranked program among all national universities, and 4th among public universities. In materials engineering, ISU is ranked 9th among public universities and 15th among all national universities.

Among public universities' engineering schools whose highest degree is a doctorate, ISU's College of Engineering ranks 20th. Among all national universities, Iowa State's engineering program ranks 35th (an eight-way tie with Brown University, Providence, R.I.; Case Western Reserve University, Cleveland, Ohio; Lehigh University, Bethlehem, Pa.; the University of California, Santa Barbara; the University of Florida, Gainesville; the University of Virginia, Charlottesville; and Vanderbilt University, Nashville, Tenn.) Last year, Iowa State was 22nd among public programs and tied for 39th overall.

Iowa State's College of Business is ranked 59th among public institutions, and 101st overall among AACSB (Association to Advance Collegiate Schools of Business)-accredited programs.

Iowa State is listed among national universities identified as "A-Plus Schools for B Students," described as those schools "where non-superstars have a decent shot at being accepted and thriving (and) where spirit and hard work could make all the difference in admissions offices."

U.S. News has once again included Iowa State's learning communities among its "Programs to Look For" -- outstanding examples of academic programs commonly linked to student success.

In addition, Iowa State is again included (at No. 85) in U.S. News' top 100 rankings by high school counselors.

The 2014 Best Colleges guidebook will be in stores Sept. 24.

# College of Engineering sees record enrollment, ranks 20th in America's Best Colleges

# Sept. 11, 2013 (College of Engineering News, Bill Beach)

More students than ever before are enrolled in both Iowa State University and the College of Engineering for the 2013-14 academic year. This fall, the college has a total of 8,284 students—surpassing last year's record of 7,508.

Undergraduate enrollment (7,123) is up 9.7 percent from 2012, and graduate enrollment (1,161) is up 14.6 percent. The College of Engineering's undergraduate program was ranked 20th by U.S. News and World Report's 2014 Best Colleges rankings among public universities whose highest degree is a doctorate. The college moved up two spaces from 22nd last year. Among all national universities, Iowa State's engineering program was ranked 35th in an eight-way tie, up from 39th last year.



# Construction engineering alumnus Giroux wins ASCE history award

# Oct. 10, 2013 (College of Engineering News, Chris Neary)

The American Society of Civil Engineers (ASCE) has selected Paul Giroux, 1979 Iowa State University construction engineering alumnus and district quality manager with Kiewit Corporation, as the recipient of the 2013 Civil Engineering History and Heritage Award. Giroux will personally accept this award during the ASCE Annual Conference in Charlotte, N.C., on Oct. 12.

The award recognizes those who, through writing, research or other efforts, have made outstanding contributions to a better appreciation for the history and heritage of civil engineering. Specifically, Giroux was recognized for sharing the history and lessons of great civil engineering projects with engineering students, fellow engineers and the general public through his outstanding lectures and leadership.

"I am honored to receive this award," said Giroux. "It is a reflection of the many inspirational mentors I have worked with during my Kiewit career and my involvement with the ASCE History and Heritage Committee."

Currently, Giroux assists ASCE in commemorating the 100th Anniversary of the opening of the Panama Canal in 2014. He has also served as ASCE chairman, principal lecturer and featured speaker for events such as the Golden Gate Bridge 75th Anniversary, the ASCE Hoover Dam 75th Anniversary

Symposium in Las Vegas and the 125th Year Celebration for the Brooklyn Bridge in New York.

Giroux serves on the Iowa State University Civil Engineering Advisory Board, the Transportation Research Board and is a corresponding member of the ASCE History and Heritage Committee.

Giroux has been with Kiewit since 1974, working on a wide variety of heavy civil engineering mega projects throughout the United States. He has played a key role in projects such as the Fort McHenry Tunnel in Baltimore, several projects on the Big Dig in Boston, including the new Zakim/Bunker Hill Bridge, and the new San Francisco Oakland Bay Bridge East Span.



# Iowa State NECA places in top 3 at National Green Energy Challenge

# Oct. 23, 2013 (College of Engineering News, Alex Hagar)

"We are all excited that it's finally here, to get to go to D.C., network with contractors, and present our project that we have all worked very hard on," said Iowa State University construction engineering senior Alex Buscher just days before the 2013 ELECTRI International Green Energy Challenge.

Buscher led a team of five civil engineering and construction engineering students to a repeat top-3 finish Oct. 12 at the ELECTRI International Green Energy Challenge, held in Washington, D.C. The team, who call themselves Team Cyclone Energy, consisted of civil engineering senior Kate Glowacki, construction engineering senior Joe Hahn, construction engineering junior Margaret Holt, and construction engineering senior Alex Toth. These students are part of the National Electrical Contractors Association (NECA) Iowa State chapter. Beth Hartmann, a lecturer in the Department of Civil, Construction and Environmental Engineering, advised the team. NECA teams from throughout the U.S. compete in this green energy challenge.

The team created a written proposal, which earned top score, that describes an energy solution plan for the Iowa State University Memorial Union Parking Ramp. They presented highlights of their proposal to a panel of six judges and placed third overall out of 19 collegiate teams.

The Iowa State NECA team stands at the Memorial Union Parking Ramp, site of their energy retrofit plan for the 2013 ELECTRI International Green Energy Challenge.

Team Cyclone Energy's presentation included an energy plan for the 46-year old parking ramp, including a daylight and occupancy sensor control system, LED lighting systems, electrical vehicle charging stations, and solar canopies on the top level of the ramp. The energy plan estimated total costs at \$930,123. The plan has a nine-year payback period and would ultimately save Iowa State \$105,246 per year in energy costs. Each team member spent five to six hours per week on the project, using the knowledge they gained from classes such as ConE 353 (Electrical Systems in Buildings).

"One of the biggest challenges has been picking up where we left off last semester and continuing forward," Buscher said. "It was a great feeling once we finally arrived in D.C.— all of our hard work was paying off," Hartmann said. On the day of their presentation, in front of an audience of 300 people, the team presented their 14-minute speech. Glowacki expressed that they felt very confident and prepared for the presentation; however, they had not expected the nature of some of the questions.

Iowa State placed behind runner-up Pennsylvania State University and winner University of Washington. Iowa State repeats its 2012 NECA/ELECTRI International Green Energy Challenge success. This shows the skill, motivation and passion of Iowa State, its students, and its faculty. "We have a lot of fun, it's a great learning experience, and we always get along with each other. I really am proud of how we did," Holt said.

"We practiced for two months straight and had a tough time memorizing our slides at first. But in the end we really came together as a team and presented very well," Buscher said. "I learned more about the industry than I ever could have imagined, we grew as a team, and I got the experience of a lifetime."



# Construction Science Fiction: Building the IRTS

# Oct. 30, 2013 (Engineering News-Record, Guest Writer: Richard Harris)

Eddie Rodriguez stepped out of the car and onto the rough gravel parking lot of a huge construction site sprouting from the black dirt of the Iowa prairie. "Wow, this is no PowerPoint show," he said to himself.

In class at Des Moines Area Community College, he had seen presentations and read articles on the construction of the Interstate Rail Transport System, or IRTS. But seeing the activity live all around him was a different experience entirely. He had just arrived with a letter of appointment from Prairie Associates

and a brand-new union card from Local 234 of the Operating Engineers. "Edward J. Rodriguez, Apprentice Operator for Class 2 and 3 Robotic Equipment." Having been to operator's school and to college classes in robotics, he was, in theory, well qualified for this internship. In practice, his stomach was not so sure.

He walked toward the entrance, looking for a sign to tell him where to go and hoping he would not have to ask someone. He walked along a fence and saw the signs saying "DANGER: ROBOT OPERATING AREA" and "CONSTRUCTION AREA: HARDHATS REQUIRED." Past the fence he saw people working—probably electricians working on temporary power, from the looks of it. Then he saw a crew-cab pickup pull up and stop. He saw two men get out of the rear doors and pull tools from the bed. One man pulled a microphone from a clip on his shoulder and spoke into it, and the pickup drove off. Eddie stared; there was no driver. He realized he had just seen his first off-road robot. Everyone knew about auto-drive cars, and factories were full of robotic delivery carts that operated on fixed tracks. But that pickup truck had driven up within a few feet of people working, waited while they unloaded, and obviously driven off for some other task when the man spoke into the microphone—and all of it was done in a field of dirt, without a guideline or magnetic track anywhere.

"Looking for someone?" called out a friendly voice behind him. Eddie felt the blood rush to his cheeks as he spun around. "I'm supposed to report to personnel. I'm a new intern," he said quickly. He looked up at a smiling, bearded face atop a tall, lean body in faded blue jeans and a blue flannel shirt. The man said kindly, "I was one of them once. I'm Ed Rund, LIDAR tech."

"Eddie Rodriquez. I'm a robotics intern," Eddie responded as they shook hands. Ed Rund showed him the way to the timekeepers' shack and to the entry point for new personnel, just to the left. "I'm sure we'll see each other again!" Ed said in parting as he walked through the gate to Timekeeping.

Soon after, Eddie was once again in the land of PowerPoint. As the slide show progressed, he tried to keep his mind on the subject at hand: basic safety on a highly automated construction site. As the lights came up, the instructor said, "Ladies and gentlemen, the bottom line is this: Construction has always been a dangerous occupation. Robots have improved safety by taking people out of some of the most dangerous locations on the construction site, but robots bring special dangers of their own. So, whether you're a newbie or an old hand, pay attention out there—because we'd all like the IRTS to be the safest large construction project in history."

The IRTS. As Eddie turned in his paperwork, picked up his safety gear and headed to his work location, he thought about those four letters: The IRTS, the Interstate Rail Transportation System. Some thought it a crazy idea, but Eddie knew that someday he would tell his grandchildren with pride that he had been there at the start. That he had helped build a system that changed the way Americans moved. "Someday I'll be the old man on the History Channel, just like those old guys talking about building the Hoover Dam or the interstates," he thought. "This is going to be great—as long as I don't screw it up."

The IRTS was a grand idea for reducing oil consumption during long-distance travel. As big as the interstate highway system back in the day, the plans for the IRTS touched three decades. It called for more than 100 new powerplants; tens of thousands of miles of rail would be laid in the right-of-way of the current interstate highway system. Thousands of automated entry points would allow robotic auto carriers and cargo cars to enter and exit the system autonomously. Automobiles and container loads would drive up onto the carriers and automatically be integrated into a "train" already in motion. Each carrier would pull its power from the electric third rail, under the control of a coordinating computer system that would unite each carrier with others to save fuel and reduce congestion. The powerplants would be a variety of types and sizes and include nuclear, coal, solar and wind. The efficiency of the electric carriers moving on rails would be much greater than automobiles and semitrucks on concrete.

He'd seen the videos with renderings of happy people relaxing, eating, even getting out of their cars for a stretch while the carriers whizzed along the smooth new rail. Of course, back in the 1950s, artists had painted pictures of those same happy people whizzing along a perfectly smooth interstate highway system with never a bump or a lane closure in sight. Nothing was ever quite as perfect as the pictures, but the interstate had changed the way Americans traveled—and the IRTS would change it again.

In the following weeks, Eddie learned all sorts of little tricks for operating robots in the difficult environment of a dusty, uneven and constantly changing construction site. Most of the time he operated the humble trencher named "the Doughboy." The Doughboy looked very much like an ordinary hydraulic trencher of years past, but it followed a line in a CAD file. It trenched not to a depth but to an elevation, raising and lowering the bar as required to make a level bottom or a sloped bottom, as needed. It even knew how to turn corners, as long as they weren't too tight or in tight spaces.

The most common problem was loss of location data. The robots used GPS, of course, and the IRTS site was flooded with real-time kinematic GPS data signals, but the signals were not perfect everywhere, and sometimes equipment could not get a fix. When it could not figure out what to do, the Doughboy would yell for help.

That's just what he was doing now, blinking his light and calling Eddie on the radio. "Eddie Rodriguez, this is trencher unit TR117369, the Doughboy. Problem report: Stopped—loss of signal."

Eddie snapped out of his reverie and back to the present. The concrete printers were truly amazing machines, and it was easy to get distracted. He had been watching them build a utility service house. It was not a particularly interesting building, with its windowless walls and only two doorways, but it was still amazing to see the printers lay the concrete layer by layer—first, a plain foundation with cable entrances and races formed in. Some had intricate latticework to support the layers above, to be broken out once the job was finished, forming a faux-brick facade in the wall with the doorways. Even the mounting points for door hardware formed right into the concrete.

But now his trencher needed attention. They were digging a trench that passed under a large, curved box culvert, and the trencher needed a LIDAR signal while under the culvert. He had positioned a portable unit to get a good signal for the north side of the culvert; the Doughboy had made it more than halfway through to the south side before stopping. Eddie spoke into his microphone: "Ten-4, hold in safe mode." Then he pulled out his pad computer and brought up the control application for the LIDAR unit. He sent the LIDAR unit to its next station.

It started moving, scanning as it went and referring to its stored map. Just outside the south entrance to the culvert, it stopped, verified its position with the GPS and LIDAR stations nearby, and began transmitting location information again. A message popped up on the pad and a voice message came to Eddie's radio: "Eddie Rodriguez, this is Tracked LIDAR unit TL2256898, the Lightboy. Report: Move complete—in position; transmitting."

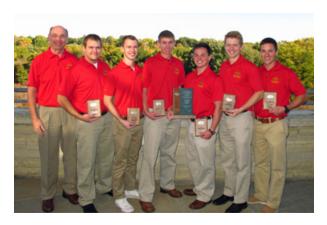
Eddie brought up the trencher's control application and restarted the work. Then he breathed deep and smiled. His little team was not much compared to some of the earth-moving giants or the building printers. He knew he had a long way to climb to the top of his profession. But he was here, and he was part of something amazing.

Rich Harris is a civil engineer and computer programmer who is interested in the use of information technology to improve the safety and efficiency of the construction process. He resides in Rolla, Mo., and is employed at the U.S. Geological Survey in Rolla. A 1989 graduate of the University of Illinois at Urbana-Champaign, Harris recently attended Iowa State University, where his studies included automated machine guidance and new tools for planning and estimating.

# Iowa State construction engineering teams win in ASC region contest

Nov. 13, 2013 (College of Engineering News, Chris Neary)

Two teams of Iowa State University construction engineering students placed first in the 21st Annual Associated Schools of Construction (ASC) Region IV Student Competition, held Oct. 24-26, 2013, in Nebraska City, Neb.

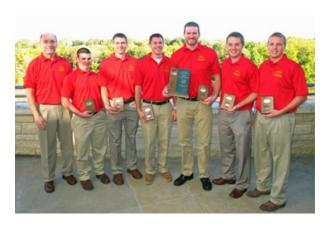


First Place Team – Commercial Division, Associated Schools of Construction Region IV.

Six-person teams had 18 hours to develop comprehensive proposals for a mock request for proposals (RFP). Teams then gave a 20-minute presentation to a panel of industry judges. The competition was divided into four divisions – commercial, design-build, heavy civil, and residential – representing real-world engineering challenges in construction industries. Iowa State won the commercial and residential divisions. The heavy civil team placed second, and the design-build team placed third. Thirty-one teams representing 12 universities from Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota competed. Iowa State has placed first in the ASC Region IV competition 37 times since 1994.

"Having only 18 hours to completely digest a project, then turn it into a winning proposal, is a pretty challenging task," said Drew Lensch, construction engineering senior and captain of the first place residential division team. Student teams had time to prepare references and templates before competition, which was "key to accomplishing everything you want on competition day," Lensch said.

The commercial division's mock RFP was for the Garnett, Kan., Anderson County Hospital project. The 68,000-square-foot facility included a multiphase schedule to keep the existing hospital open during construction, which presented many planning and scheduling challenges. Members of this team were senior Jacob Schaefer (team captain), senior Sawyer Stecher, senior Rob Conrad, juniors Alex Gross and Josh Tuggle, and sophomore Rick Smith. The commercial team has won nine of the last 12 years.

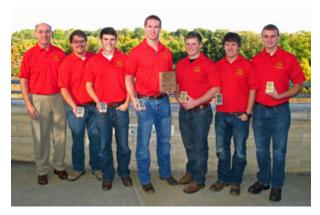


First Place Team – Residential Division, Associated Schools of Construction Region IV.

Iowa State's construction engineering curriculum prepared students well for success. Schaefer described the application of "Homework 15" from a course in construction planning, scheduling and control (Con E 441). "Homework 15" challenges students to summarize an entire building's construction schedule using sticky notes. "When I was trying to schedule the project myself in the competition, it blew my mind how much I relied on Homework 15," Schaefer said.

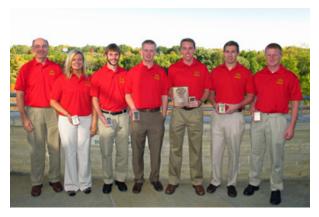
The design-build team responded to a mock RFP for the Department of Homeland Security Law Enforcement Training Center in Ogallala, Neb. The project's design and construction

was required to meet the LEED Silver certification. Members of this team were senior Brian Hampel (team captain), architecture senior Zach Zimay, senior Eli Hemesath, junior Sean Sample, and sophomores Noah Koch and Mackenzie Alberts. Iowa State also produced eight architectural design computer drawings and built a computer generated 3D model within the timeframe. The design-build team has placed first 14 of the last 16 years.



Second Place Team – Heavy Civil Division, Associated Schools of Construction Region IV.

The heavy civil team responded to a mock RFP for a project on the Pecos Street Bridge replacement in Denver, Colo. The project consisted of replacing the Pecos Street Bridge, constructing a new pedestrian bridge across I-70 with new pedestrian signals, constructing roundabouts on the north and south sides of the bridge, repaving of the existing I-70 on and off-ramps, landscaping, and replacement of the I-70 median barrier. Heavy civil team members were senior Joe Winter (team captain), senior John Meyer, junior Joel Robinson, junior Jacob Luesebrink, and sophomores Matthew Decker and Brian Noble. The Iowa State heavy civil team has won five of the last nine years.



Third Place Team – Design-Build Division, Associated Schools of Construction Region IV.

The residential team responded to a mock RFP for a Cedar Falls, Iowa, apartment complex near the University of Northern Iowa campus. The team proposed a project schedule of five and half months, finishing just before the start of the school year. The winning residential team members were senior Ben Swenson

(team co-captain), senior Drew Lensch (team co-captain), senior Sean Heinz, senior Justin Menke, junior Eric Johnson, and sophomore Tom Devereaux. The residential division team has won six of the last seven years.

Larry Cormicle (BSConE'78, MSCE'10), construction engineering senior lecturer and Glenn H. DeStigter scholar in construction engineering, coached all four teams prior to and during the competition. Construction engineering Professor Doug Gransberg and Associate Professor David Jeong also helped students prepare.



# ISU students build 28-foot tall Lego man out of cardboard to raise homeless awareness

# Nov. 18, 2013 (Iowa State Daily, David Gerhold)

It's Ryan Francois' largest and most ambitious project yet: constructing a 27.8 foot tall Lego man entirely out of cardboard for the 2013 Reggie's Sleepout.

"Move a little bit over to the left; we don't want the head to tip over, because then we really have a problem," said Francois, senior in civil engineering, as his colleagues moved the levers of four lifts carrying a giant 8-foot cardboard head.

Every year, people gather at Drake Stadium in Des Moines for Reggie's Sleepout to raise awareness for the homeless youth in the Des Moines area, said Toby O'Berry, director of the Iowa Homeless Youth Centers.

The event is dedicated to Reggie Kelsey, who aged out of foster care in 2001 and was found dead in the Des Moines river a few months later. It raises money for homeless youth and honors Reggie's loss, O'Berry said.

"About 130 different campers experience homelessness for one night by sleeping out here and construct different shelters," O'Berry said. "Some have tarps and tents, others just bring sleeping bags with them."

There is also a design contest where different groups build different structures and buildings out of cardboard, O'Berry said.

For this year's event, eight to 10 ISU students gathered to participate in the contest and raise money for the cause.

"Four years ago, we built a 500-square-foot version of the Iowa capital building," said Ryan Francois. "So the question was, how could we top this?"

In the end, they decided to build a giant Lego man with multiple stories made to sleep 22 people.

"Everyone keeps asking me where we got the insane idea from, and I really wish I had an answer for that," Francois said. "I have to admit, at first we didn't fully grasp how large it would be. Planning the whole thing on paper is one thing, but once you start building it out, you all of a sudden realize, 'Oh my God, that's huge."

The ISU students teamed up with students of Johnston High School, including Francois' little brother. Francois said they raised around \$6,500 in the process.

"All of our material was donated as well," François said. "We had close to 100 carpet tubes for the main structural frame and a lot of cardboard for the siding and the different levels."

Francois said the group assembled the different components of the Lego man at a warehouse in Granger, Iowa. They had about eight days, so the team never really had time to think about giving up.

"This is the whole reason why I study engineering in a nutshell," said Ryan Betters, junior in civil engineering. "In the classroom, you're stuck with your piece of paper, but this is actual creativity and going like, 'Hey, I'm actually doing something.' It's amazing."

Ben Jacobson, graduate in industrial and manufacturing systems, said the most important part is the cause.

"For me, it's like playing Legos on a huge scale. Also, it's the least we can do to help homeless kids out on the streets," Jacobson said. "I feel blessed that I can go to Iowa State, and I could never imagine what it's like being without a home."

ISU senator Matt McCoy set up his tent right next to the Lego man to observe the construction.

"It is unlike anything I have ever seen before. All the work those kids put into this and all the money they raised for the good cause; it's simply marvelous," McCoy said. "That's exactly what makes Reggie's so wonderful."

Apart from the Lego man, other groups showcased their creativity in their own cardboard constructions as well. Boy Scouts, greek chapters and schools built igloos, cars and entire houses.

In the end, Francois' team and their Lego man won the contest in the category "Best design," while team AMP (Achieving Maximum Potential) won the overall box contest with a replica of a car. Most members of AMP had lived and slept in a car at some point in their lives.

"At around 4:30 a.m., rain came down hard, but the spirits of everyone involved stayed up high," O'Berry said.

To date, the Iowa Homeless Youth Centers has raised about \$114,000 for their cause. Donations still will be accepted in the coming months.

"We are very grateful to every group for doing this and making Reggie's so successful again," O'Berry said. "Homelessness still is a hidden issue, and it needs to be addressed."



## CoE student marshal, outstanding seniors named for Fall 2013 commencement

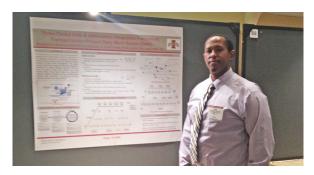
Dec. 9, 2013 (College of Engineering News, Jessi Strawn)

Blake Carolan, of Waucoma, Iowa, graduated in construction engineering with an emphasis on building. He received the Ken Lewis Scholarship and was an ISU-Associated General Contractors (AGC) of America Outstanding Member. Carolan became actively involved in the student chapters of the National Association of Home Builders, the Associated Schools of Construction (ASC) and AGC. As captain of the residential team, he helped ASC to first place finishes in the region in 2011 and 2012. Carolan has also logged about 200 hours of service with AGC. He gained real-world experience with Weis Builders in Minneapolis and spent almost two years as a project engineer and assistant superintendent with Neumann Brothers, a company working on the new agricultural and biosystems engineering building on campus. Carolan will continue to work for Neumann Brothers after graduation.



# Kristin Mauro earns PhD Dec. 13, 2013 (This Week in CCEE, Chris Neary)

ConE Academic Adviser Kristin Mauro has earned her doctorate in education at Iowa State, specializing in higher education. She will walk at University Commencement Saturday, Dec. 21. This past summer she completed a dissertation, "First-Year Transition and Retention of Direct-from-High-School Freshmen," under the direction of Linda Serra Hagedorn, College of Human Sciences associate dean and professor in the School of Education. Congratulations, Dr. Mauro!



# **Grad student Asre Woldesenbet presents at TRB Annual Meeting**

#### Jan. 17, 2014 (This Week in CCEE, Chris Neary)

Construction engineering and management PhD student Asregedew Woldesenbet presented at a 93rd Transportation Research Board Annual Meeting poster session titled "Emerging Information Technology Advances in Transportation." His presentation was on a three-tiered data and information integration network, particularly on a daily work report of a transportation project. Associate Professor David Jeong and Oklahoma State University Assistant Professor Phil Lewis copresented. Presenters from throughout the U.S., China, Canada, Sweden, United Arab Emirates participated in the session.



## Hartmann honored in 2014 Women Impacting ISU Calendar

#### Jan. 17, 2014 (This Week in CCEE, Chris Neary)

CCEE Lecturer Beth Hartmann was recognized Jan. 15 as one of 12 women named to the 2014 Women Impacting ISU Calendar. The award honors Iowa State students, faculty and staff who have impacted Iowa State through campus involvement, in the classroom or through community relationships, as well as inspire women of all generations.



## **lowa State Associated General Contractors chapter named America's best**

#### Jan. 22, 2014 (College of Engineering News, Chris Neary)

The Associated General Contractors of America (AGC) Iowa State University chapter recently received its ninth first place award in the AGC Outstanding Student Chapter Contest.

The first place award recognizes the U.S. student chapter that best undertakes a project that benefits the local community – whether it's the school campus, a community organization or private person – and has a significant impact. A \$1,500 cash award was rewarded to the group. Past AGC of America President Kris Young presented the chapter its award certificate during a Dec. 4, 2013, chapter meeting on campus.

The 2013 award notes the Iowa State student group's rebuilding work in Jonesborough, Tenn., during Thanksgiving Break 2012 and Spring Break 2013. There, 67 Iowa State construction engineering students helped build seven homes while the Tennessee community recovered from major flood damage. Tasks included framing, sheathing, siding and roofing single-family homes. The rebuilding effort netted the group a combined 3,492 service hours. Read the local Tennessee news coverage of their efforts.

Andrew Hodge, Spring 2013 construction engineering graduate, served as vice president of the AGC Iowa State chapter during the 2012-2013 chapter. He arranged the 2012-2013 Tennessee trip. Hodge says the vice president is in charge of finding the project, organizing transportation, arranging housing, and setting up food for student volunteers; however, all AGC chapter cabinet members who attended shared leadership and organization throughout the rebuilding experience.

Hodge was hired by JE Dunn Construction (Kansas City, Mo.) this past September as a field engineer.

The Appalachia Service Project, a volunteer home repair ministry based out of Johnson City, Tenn., prepared students well for the rebuilding experience. "This organization handles large amounts of volunteers well, and so when we arrived, we were able to build right away," Hodge said.

The Iowa State group was ultimately thrilled with putting seven families into homes again. "I feel that our group really connected with each of the homeowners," Hodge said. "Building these relationships really hit home for our volunteers."

The AGC Iowa State chapter has an exceptional reputation of community service. In the last few years, students have spent

academic breaks rebuilding communities such as Moore, Okla., Joplin, Mo., Cedar Rapids, Iowa, and the Mississippi Gulf Coast. "You know that Iowa State construction engineering students are taught to be servant leaders when 40 or more students go over their college breaks to wake up early, work all day in rain or shine, and put others before themselves," said Hannah Pechmann, Spring 2013 construction engineering graduate and AGC Iowa State chapter president during the 2012-2013 academic year.

Pechmann was hired as a project engineer this past July at JE Dunn Construction's Mission Critical Group in Kansas City, Mo.

Associated General Contractors Iowa State chapter is a student organization designed for Iowa State construction engineering students to get involved, perform extensive community service, promote camaraderie amongst classmates, and enhance industry knowledge and interaction. Construction engineering senior Jace Christensen currently serves as chapter president. Larry Cormicle, senior lecturer and Glenn H. DeStigter Scholar in Construction Engineering, advises the group. Visit the group's website for more information.

# Civil, construction, environmental engineering job rates higher than all-occupation rate

#### Jan. 22, 2014 (College of Engineering News, Chris Neary)

Iowa State University graduates in civil, construction and environmental engineering should see higher-than-average increases in job opportunities for the next decade.

The U.S. Bureau of Labor Statistics released its most recent Occupational Outlook Handbook, which says that construction management, civil engineering and environmental engineering job opportunities combined should increase by 140,000, or 17.3 percent, by 2022.

Employment for construction managers, the general occupation of construction engineering graduates, expects to rise 16 percent from 2012 to 2022. In 2012, 485,000 construction managers were employed in the U.S. About 78,200 more construction managers are expected to be employed in the U.S. by 2022. Iowa State construction engineering graduates also have the required academic qualifications for potential professional engineering licensure.

Employment for civil engineers expects to rise 20 percent by 2022. In 2012, 272,900 civil engineers were employed in the U.S. About 53,700 more civil engineers are expected to be employed in the U.S. by 2022.

Environmental engineers should see a 15 percent rise in job opportunities by 2022. In 2012, 53,200 environmental engineers were employed in the U.S. About 8,100 more environmental engineers are expected to be employed in the U.S. by 2022.

Rates are higher than the all-occupation rate, 11 percent growth by 2022. The job growth rates also are higher than the all-engineering occupation rate, 9 percent growth from 2012 to 2022.

"Civil, construction and environmental engineers play a vital role in maintaining and developing public and private infrastructure," said Dr. Terry Wipf, Pitt-Des Moines Professor in Civil Engineering and chair of the Department of Civil, Construction and Environmental Engineering at Iowa State. "A rebounding economy adds to the demand for our graduates."



# AGC student group donates \$500+ in gifts to Ames family

#### Feb. 7, 2014 (College of Engineering News, Chris Neary)

A homeless, single-mom Ames family of five children received the Christmas of a lifetime. The Associated General Contractors Iowa State chapter donated more than \$500 in clothes and toys to them.

Construction engineering senior Alex Buscher led the project. Many students in the AGC group pitched in the following items: soccer ball, art sets, makeup kit, socks, coats, Monsters High dolls, Iron Man action figure, Spiderman action figure, diapers and baby clothes.

"They were so shocked by the amount of gifts," said Sipele Quezada, homeless liaison for the Ames Community School District who connected AGC to the family. "Mom was grateful for the help. I met with the oldest student after break, and she said they had an amazing Christmas."

For more information about the AGC student group and its community service activities, visit its website at www.stuorg.iastate.edu/agc.



## Paul Giroux: engineer, builder, amateur historian

#### Feb. 12, 2014 (College of Engineering News, Chris Neary)

Raymond "Paul" Giroux (BSConE'79) leverages the past to improve the future. The lifelong builder would not have it any other way.

Giroux was born into the civil and construction engineering industry in 1956. Although his birthplace is Bismarck, N.D., Giroux's earliest memories were in the early 1960's visiting the construction of Flaming Gorge Dam near Dutch John, Utah. "Because my father was in heavy civil construction I moved a lot before junior high school," Giroux said. "My father would often take my brothers and me out to the job site on the weekends to see the work being built."

His civil engineering upbringing transitioned to a potential career when his father brought him to an upstate New York jobsite in summer 1974. Soon after graduating high school, he discovered his current employer, Kiewit Corporation. "I was thoroughly impressed with all the engineers, superintendents, and craftspeople on the project," Giroux said. "I gained a better understanding and appreciation of the construction process. By the end of the summer, I decided wanted to be a builder."

In 1975 he entered the construction engineering program at Iowa State University. He joined the Theta Chi fraternity, where many engineering students also joined.

Four years later, he earned his bachelor's degree. He secured the ticket to become a builder and soon was hired on a Kiewit construction project: the Fort McHenry Tunnel in Baltimore, Md. In addition to that project, Giroux has been assigned to 11 major projects amongst seven U.S. states. He currently is a senior quality manager for Kiewit Infrastructure West, based in the San Francisco Bay area. This work is one of two Giroux's professional callings.

As Giroux nears his 35th anniversary with Kiewit Corporation, he says that he realizes how much he still needs to learn. "The managers I have worked with always demonstrated the importance of leveraging the lessons of the past." His other calling is promoting the engineering past.

Giroux takes this statement to heart. He has studied, intensely, the engineering lessons in some of America's most famous construction projects: Panama Canal, Brooklyn Bridge, Hoover Dam, and Golden Gate Bridge. His research, which he says sums over 500 hours per project, has culminated in many ways: more than 200 university lectures at more than 40 engineering schools, American Society of Civil Engineers (ASCE) chairman and featured speaker for Brooklyn Bridge's 125th Anniversary, closing speaker at the ASCE Hoover Dam 75th Anniversary Symposium, and ASCE chairman and principal lecturer at Golden Gate Bridge's 75th Anniversary. He will be a featured speaker for the ASCE's Panama Canal 100th anniversary history symposium in Panama, where he will present his paper on the construction of the original canal.

Giroux has published seven other works based on his research: "Building Better Bridges" article in the October 2007 edition of Engineering News-Record; "Sustainable Bridges – A Contractor's Perspective" article in the April 30, 2010, edition of Aspire magazine (publication on concrete bridges); "Building Hoover Dam (Men, Machines, and Methods)" article in the Hoover Dam: 75th Anniversary History Symposium Proceedings, October 2010; and "Relevance of Roebling" article in the January 2009 edition of ASCE's Journal of Performance of Constructed Facilities. He also appeared on a May 24, 2012, public panel at California's Commonwealth Club, "The Golden Gate Bridge at 75: What Makes an Icon."

In his presentations, Giroux exposes how personnel and politics interwove engineering applications to produce such iconic projects. He says new engineers can apply a lot of lessons from the old and

historic. "Engineering is a human endeavor and can tell quite the compelling human story." Some of these "human endeavors" include effective communication and leadership in conjunction with expert technical skills. Giroux says "it's what a complete engineer does."

Giroux also pushes advanced Microsoft PowerPoint techniques, bringing construction operations of the distant past to life. He was featured in the "Pushing PowerPoint: A Masterly Lecture Brings Construction to Life" article in the September 2012 edition of American Society for Engineering Education's PRiSM magazine. His historian work also garnered the 2013 American Society of Civil Engineers Civil Engineering History and Heritage Award.

In short, Giroux is thoroughly passionate for America's building industry and past. He calls himself "engineer, builder and amateur historian – in that order."



# lowa State engineering students promote collaboration, innovation at Emerging Creatives conference

#### Feb. 19, 2014 (College of Engineering News, Alex Hagar)

Iowa State University civil engineering senior Ryan Francois, as well as construction engineering seniors Jace Christensen and Michael Donlin, attended the Emerging Creatives Student Conference Jan. 30-Feb. 1. The conference was held at Stanford University and was sponsored by the Alliance for the Arts in Research Universities (a2ru).

About 110 students from 30 U.S. research universities were selected to attend. Twelve Iowa State students attended with backgrounds in human sciences, design and engineering. The event's goal was to allow interdisciplinary student collaboration with an interest in crossing creative boundaries.

Over the three days, Francois, Christensen and Donlin attended guest lectures, viewed seminars and participated in various interdisciplinary events.

When asked what the most challenging part of the conference was, Francois replied, "It was challenging working with other majors and backgrounds, because each major had its own method of approaching a problem much differently than ours as engineers."

They also participated in various team building exercises. Christensen participated in a group wallet building activity. He and teammates looked at current wallet designs then redesigned them with their own functions in mind. "It opened my eyes to the idea that as engineers, we are very concerned with problem solving, but we tend to forget about finding the problem in the first place. Sometimes one needs to go against the grain to make things better," Christensen said.

Donlin said that his favorite experience was the "d. school." He explained that it was not an actual school but "simply a place that focused on the collaboration of ideas." One could work with people from all backgrounds with the common goal of rapid prototyping of ideas. Donlin said that while working in this creative environment, "working with the right people can sometimes allow the problem to solve itself."

The three engineering seniors said that the experience was "a wonderful chance to network and engage in collaborative projects with students from different disciplines who are trying to make the world a better place."

Francois added that collaboration with other majors "allows for communication breakdown to occur less often over various departmental disciplines."

Donlin adds that "sometimes you only see what you are looking at, not what you are looking for – collaboration can help that problem."



# Greenlees donate to supply students strengths-building books

#### Feb. 21, 2014 (College of Engineering News, Chris Neary)

Rich Greenlee (BSConE'66) and his wife, Carm (BSFamConsSci'65), recently donated \$1,500 to supply 100 strengths-building books to Iowa State University construction engineering students enrolled in CON E 122, Cornerstone Learning Community: Orientation to Professional Life.

The book, "StrengthsFinder 2.0" by Tom Rath, discusses 34 personal and professional traits that students can identify as their talents. The book encourages people to build upon their strengths, instead of fixing their shortcomings.

"My wife and I want to help students become well-rounded in their community – work beyond their technical skills," Rich Greenlee said.

Maggie Holt, construction engineering senior and peer mentor for the CON E 122 course this spring, read the book during a Program for Women in Science and Engineering (PWSE) seminar in fall 2012. She took the "strengths" test: her greatest strength is harmony. "Identifying my greatest strength has helped me become more aware of other people's strengths working in a team," Holt said.

Holt also said that realizing greatest strengths helps students navigate the busy college path. "A student who understands what he or she is naturally good at can use that knowledge and apply it to his or her own learning, rather than relying on someone else's methods."



#### A Closer Look: Sarah Rajala

#### Feb. 28, 2014 (Business Record, Joe Gardyasz)

Sarah Rajala (pronounced RYE-ah-lah) has opened new doors for female engineers throughout her career. She continues to blaze trails for women and minorities at Iowa State University, where she became dean of the College of Engineering last year. Four decades ago, she became the third woman ever to earn an electrical engineering degree from Michigan Technological University. She later became the first female tenured engineering professor at North Carolina State University. After distinguishing herself as a professor and center director, she moved into leadership roles at North Carolina State and later Mississippi State University. An internationally known academic leader, Rajala chairs the Global Engineering Deans Council and is a former president of the American Society for Engineering Education.

How unusual was it to be a woman engineering professor when you started out? How have things changed?

It was quite a bit different then. I was the only female engineering student in my class and only the third female to graduate (from Michigan Tech with an electrical engineering degree). When I went on to my faculty position, it wasn't unusual that there weren't any female engineering students. Nationally, now there are about 19 percent women in engineering undergraduate programs. What I'm very proud of is that at Iowa State (College of Engineering), we're at about 20 percent women faculty, and 38 percent of our department heads within the College of Engineering are women, which is very encouraging.

How do you view ISU's efforts to encourage women and minorities in engineering?

We're doing quite well. We certainly have a very welcoming and supportive community for all students when they get here, and that's important for all groups that aren't well represented. We have K-12 groups to let parents and students know about opportunities, and activities like the Lego League event that was just held. A lot of what we do is partner with folks around the campus such as the APEX (Academic Program for EXcellence). ... That program is particularly targeted to women and

underrepresented groups. Going forward, one of the things I would like to see us spend more time on is that families are more educated about opportunities available.

How would you describe the College of Engineering's competitiveness?

I'm quite satisfied. There are many measures one can look at. In enrollment, we're in the top 10 in the country -8,284 students in engineering, with about 7,000 of those undergraduate. So it is a very large program, and projections are that it will continue to grow. There is high demand for our graduates, and I think that's because of the quality of our programs.

Are students entering the program well-prepared generally?

I think overall the students are well-prepared; there are some gaps. Part of it has to do with expectations – are they ready for calculus-based physics and chemistry? The more students we can have ready for these courses, the more successful they'll be in completing their college career in four years. So it's not that if they're not ready or they can't start the program, but they need to take some preparatory courses.

What are your top priorities for the college?

If we can increase the number of faculty we have, and increase the level of scholarship of our faculty, there will be additional international recognition. That's important to be continued to be recognized in the top 25, and that's a very competitive group. One of the things related to this growth is that we are pretty squeezed in our infrastructure. So we have to define a path for more infrastructure, and we need to partner with private industry to grow.

What about the field might people find surprising?

Many of the companies that hire our graduates are multinational, so they have to be prepared to live and work abroad. Even if they're starting their employment in Iowa, they aren't necessarily just Iowa-based companies.

What kinds of things does an engineering dean do for fun?

Both (my husband) Jim and I enjoy traveling to warmer climates where we can snorkel. But we also enjoy snow skiing, which we did over the holidays. One thing we have adopted here, we've become Cyclone sports fans - both basketball and football—so we've enjoyed that.

# lowa State civil engineering graduate program increases ranking

#### March 19, 2014 (College of Engineering News, Chris Neary)

Iowa State University's civil engineering graduate program improved its ranking in the most recent U.S. News and World Report.

Based on a survey of 145 civil engineering graduate programs in the U.S., both private and public, Iowa State's program ranks No. 31 (No. 20 among public civil engineering programs). Rank has improved by one from the 2013 national ranking.

Department chairs throughout the U.S. were asked to rate civil engineering programs based on quality and reputation. U.S. News and World Report, a multi-platform publisher of news and information, compiles and analyzes surveys every fall through spring and publishes rankings every March.

Civil engineering graduate program rankings include all of Iowa State's civil engineering focus areas: civil materials engineering, construction engineering and management, environmental engineering, geotechnical engineering, structural engineering,

and transportation engineering. Each area comprises award-winning faculty, nationally and privately funded research, and ample teaching-research opportunities. The Department of Civil, Construction and Environmental Engineering invites all to explore its graduate programs and research at www.ccee.iastate. edu/academics/graduate. This information will guide prospective students and others in making appropriate and fulfilling decisions.





## Construction engineering students named lowa State exemplary peer mentors

April 3, 2014 (College of Engineering News, Chris Neary)

Two construction engineering students, senior Alex Buscher (left) and junior Maggie Holt, were recently recognized for their exceptional dedication to student mentoring.

Both Buscher and Holt earned a 2013-2014 Iowa State University Exemplary Peer Mentor Award, which recognizes and encourages outstanding achievement by peer mentors working with learning community students. The Iowa State University Learning Communities select students for this award.

Award criteria include nominator ratings of student's communication, leadership, interpersonal interaction, academic assistance, creative use of technology, curriculum planning, classroom presentations, and classroom facilitation.

Buscher's nominator statements included: "Alex is generous with his time when interacting with mentees and has even forged close relationships with group members. He coached his mentees through the Engineering Career Fair with confidence and ease. He has helped first-year construction engineering students assimilate into the program, meet faculty and industry mentors, develop good study habits, and understand construction and plan reading basics."

Holt's nominator statements included: "Maggie goes out of her way to communicate construction engineering events to first-year students. She understands her mentees on an in-depth interpersonal level based on her understanding their strengths – this level of empathy will be an excellent trait that she continues to cultivate. Maggie is well on her way to understanding herself and her leadership style."

Buscher and Holt were both nominated by Academic Adviser Dr. Kristin Mauro. Several mentees provided supporting statements, too.

They were officially recognized for the award April 2 at the Iowa State University Learning Communities 2013-2014 Exemplary Mentor Awards, held in 20-60 Hixson Lied Student Success Center.



# **Building brick structures in CON E 241 April 17, 2014 (Larry Cormicle)**

Students from CON E 241, a course in construction materials and methods, build brick structures near Town Engineering Building on April 17, 2014. The semester project applies foundation and structural framing concepts learned in class.



# **Engineering college names outstanding seniors for Spring 2014 commencement**

#### April 28, 2014 (College of Engineering News, Jessi Strawn)

Jace Christensen, of Carroll, Iowa, is earning a degree in construction engineering with a mechanical emphasis as well as a minor in business. During his time at Iowa State, he held leadership positions with Habitat for Humanity and Associated General Contractors, where he combined his construction engineering talents with his interest to serve others. He also studied abroad at the University of Edinburgh, taking a mix of business and engineering courses. Christensen was recognized with many academic scholarships, including the Academic Recognition Award, and he took time to build his professional portfolio with internships at ISU Construction Services, Kiewit Building Group and Bluestone Engineering. After graduating, he will work as a mechanical design engineer for Bluestone.



# lowa State to represent Midwest in national design-build competition

#### May 5, 2014 (College of Engineering News, Chris Neary)

A team of students, comprised of construction engineering seniors Eli Hemesath, Brandon Mai, Brandon Griffin, Josh Olson, as well as construction engineering freshman Lauren Bennett, placed first in the Region D Design-Build Competition, hosted by the Design-Build Institute of America (DBIA). Region D includes universities in Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

Their request for qualification (RFQ) challenged them to a preconstruction schedule and cost report for the construction of a 120,000 square-foot university recreation center, located at Beloit College in Beloit, Wisc. The 47-page RFQ report demonstrated that the student team could assemble information and propose a construction contract for the center, much like a real contractor.

Students pooled their competition and internship experiences to build the regional-winning plan. Hemesath shared knowledge from his fall 2013 Associated Schools of Construction design-build competition, where Iowa State placed third. In the DBIA regionals project, both Hemesath and Olson used Primavera P6 software to produce a pre-construction schedule. Griffin contributed knowledge of the RFQ/RFP process he learned at his Ryan Companies internship to produce a cost report, with the help of Mai. Bennett simulated the construction safety manager role on the project.

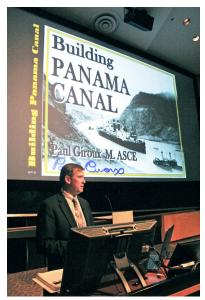
As the top Midwest team, the DBIA Iowa State University Student Chapter team received \$1,500 to be used for traveling expenses to the 2014 Design-Build Conference and Expo in Dallas, Texas. The team awaits the national competition, a request for proposal (RFP) on Sept. 15, 2014. They will only have one week to complete the RFP and submit to DBIA. DBIA will then announce the top three national finalists Sept. 30. On Oct. 8, the national first place team will be announced during the Design-Build Conference and Expo.

Jennifer Shane, associate professor and Black & Veatch Building a World of Difference Faculty Fellow, advises the DBIA Iowa State University chapter. Lecturer Beth Hartmann served as technical adviser for the team this spring.



In the decades preceding Panama Canal's construction (1904), tremendous advancements were realized in every discipline of engineering. In the realm of heavy civil construction, these collective engineering advancements provided the construction technology that made Panama Canal possible. This presentation highlights how the right men, the right machines, and the right methods all came together in 1904 to build a project of unprecedented scope and challenges.

Monday, December 9, 2013 5 p.m. presentation in Alliant Energy-Lee Liu Auditorium, Howe Hall 6 p.m. reception in Howe Hall Atrium



Paul Giroux presents Dec. 9, 2013, in Howe Hall's Alliant Energy-Lee Liu Auditorium.



Members of the Construction Engineering Industry Advisory Council (from left): John Adam (BSConE'80), Associate Professor Emeritus Jerry Chase, Senior Lecturer Larry Cormicle, Giroux, ConE Professor-in-Charge Chuck Jahren, Josh Miltenberger (BSConE'05), Dean McCormick (BSConE'81), and Kent Meyn (BSConE'85).

## Paul Giroux (BSConE'79) presents 2nd Annual Jellinger Lecture on the Panama Canal

Paul Giroux, 1979 ConE alumnus, presented the 2nd Annual Jellinger Lecture Monday, Dec. 9, 2013. His presentation culminated more than 500 hours of research on the engineering history of the Panama Canal—the history one would not typically find in a history textbook.

Hundreds gathered in the Alliant Energy-Lee Liu Auditorium to view his stunning PowerPoint animation. Through this rare presentation technique, Giroux talked about how the right personnel, the right machines, and the right heavy civil construction methods all came together in 1904 to build a project of unprecedented scope and challenges.

His presentation methods have been featured in more than 200 university lectures at more than 40 engineering schools. Giroux received the 2013 American Society of Civil Engineering History and Heritage Award based on self-motivated research projects on the Golden Gate Bridge, Hoover Dam, Brooklyn Bridge and the Panama Canal. His history efforts were recognized at the 75th Golden Gate Bridge Anniversary, the 75th Hoover Dam Anniversary, and the 125th Brooklyn Bridge Anniversary. In August 2014, Giroux will be a featured speaker for the Panama Canal's 100th Anniversary Symposium in Panama.

Giroux has worked from Kiewit since 1974. His current position is senior quality manager for Kiewit Infrastructure West, based in Fairfield, Calif.

The Jellinger Lecture Series, established in 2012, brings world-class speakers to the campus of Iowa State University. Topics cover a variety of timely and thought-provoking construction-related issues and events. The program also provides opportunities for networking among industry professionals, faculty and students. It commemorates its namesake, Tom Jellinger, the first professor-in-charge of the construction engineering program at Iowa State. Starting in 1960, he led the program to a close-knit community, which created an atmosphere where students and faculty members closely worked together. Currently the construction program strives to continue this tradition.

presents



# "Leadership @ Every Step"

# 2nd Annual Greenlee Leadership Lecture

### Thursday, April 10, 2014

Lecture: 4:10 p.m.-5 p.m., Alliant Energy-Lee Liu Auditorium Dinner Reception: 5 p.m.-6 p.m., Howe Hall Atrium

In 1997 Karmyn Babcock began her career in construction with The Weitz Company as a graduate student researching corporate intranets and extranets, and quickly advanced to a full-time project engineer. Throughout her 15 years with Weitz, Babcock successfully merged the disciplines of engineering, construction, and technology for the Top 100 ENR company. In 2013, Engineering News-Record recognized Babcock as a "Top 20 Under 40" industry contributor in the Midwest and BD+C included her in their top "40 Under 40" leadership awards. Karmyn will articulate her "why" and speak to the attitudes, behaviors, and beliefs required for young leaders today. Her focus will be how to initiate leadership while young in a career, and influence those one works with. She will convey this message through her experiences at Weitz, emphasizing that leadership is a choice and something we all have the ability to do. She also will discuss the "barriers to entry", mainly fear of failure and how in reality this is a personal perception - the real failure is never reaching or trying.



Karmyn Babcock (BSConE'98, MSCE'00)

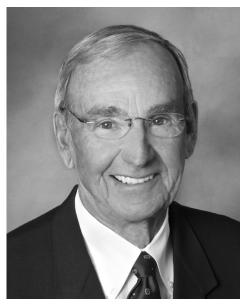




Karmyn Babcock, a 1998 ConE alumna and 2000 CE alumna, presented the 2nd Annual Greenlee Leadership Lecture Thursday, April 10, 2014. She talked about different meanings of leadership, especially how new professionals can learn to take leadership roles. Rich Greenlee (BSConE'66, pictured center in group photo) and his wife, Carm (second from left), sponsor the Greenlee Leadership Lecture Series.

## 2014 Construction Engineering Hall of Fame Honoree

### GLENN H. DESTIGTER



Glenn H. DeStigter (BSConE'66)

Construction has been a lifelong passion for Glenn DeStigter. A native of Sioux Center, Iowa, he grew up with both his father and grandfather as general building contractors. Beginning in eighth grade, he spent summers, Saturdays and school vacations working on construction projects. He loved the building process and learned every project requires leadership, planning, teamwork and respect for fellow workers.

As CEO of The Weitz Company, DeStigter led the company to exponential growth—from \$225 million in revenue in 1993 to \$1.6 billion in revenue in 2008. The company achieved its strong position in the industry as a full-service general contractor and later, under employee ownership, branched into profitable joint ventures, such as Hy-Vee Weitz Construction. For several consecutive years, the company outpaced the industry in growth and was ranked 25th among domestic building contractors during 2002, according to Engineering News-Record.

DeStigter's contributions have been recognized at the highest levels. In 2002, he received the Ernst & Young Construction Entrepreneur of the Year for both Iowa and Nebraska. Iowa Gov. Chet Culver inducted him into the 2008 Iowa Business Hall of Fame.

DeStigter and his wife, Vi, have made significant contributions to Iowa State University and its construction engineering program. He served as chair of

the Construction Engineering Industry Advisory Council and started a tradition of donor support among members that continues to benefit the program. DeStigters have supported endowments, faculty professional development, building projects and Cyclone Athletics as well as provided in-kind support by lecturing and developing a construction-site learning lab, where students completed special projects.

Glenn resides in Ankeny, Iowa, with his wife. He has three adult children: Mitchell, Troy and Jason.

### **Past Construction Engineering Hall of Fame Honorees**

Since 2010, the Iowa State construction engineering program has annually recognized individuals who have left significant marks on the construction engineering program, the construction industry, and their communities through consistent service and achievement. Honorees are chosen each year by the Iowa State University Construction Engineering Industry Advisory Council. Honorees are presented a plaque commemorating their place in the Hall of Fame at the Construction Engineering-AGC Banquet every spring. In addition, a Wall of Fame displays all honorees' portraits and brief biographies near the northeast entrance of Town Engineering Building.

- ➤ **William A. Klinger** owner of W. A. Klinger, Inc.; key leader in establishing the Iowa State University construction engineering program
- ➤ **Thomas C. Jellinger** the first professor-in-charge of the Iowa State University construction engineering program (1960-1978)
- ➤ **Ken Lewis** key Master Builders of Iowa (MBI) leader in establishing and supporting the Iowa State University construction engineering program
- ➤ **Jack Gethmann** owner of Gethmann Construction Company; key leader in developing the Iowa State University construction engineering curriculum
- ➤ **Ken Gethmann** founder and owner of Gethmann Construction Company; lobbied as MBI president to establish construction engineering program and appoint Thomas C. Jellinger as first professor-in-charge
- ➤ Gale M. "Cork" Peterson, Jr. founder and owner of Peterson Contractors, Inc.; longtime member of the Iowa State University Construction Engineering Industry Advisory Council (including several years as chair); longtime key industry contact for Iowa State construction engineering students and alumni

# **Construction Engineering Scholarships** 2014-2015

Scholarship Name	Recipient(s)
AGC of Iowa Scholarship	Mason Bishop Joshua Flott Jacob Lane Andrew Reynolds Joel Robinson Paul Sauter Gavin Walhovd Austin Zupec
AGC of American (Irving Jensen Memorial) Scholarship	Andrew Corcoran
AGC of American (Jackson Family) Scholarship	Jacob Lane
AGC of American (Weitz Company) Scholarship	Jenna Koelker
American Society of Professional Estimators-DM Chapter Scholarship	Zachary Ahrenholtz Bradley Young
Beavers Charitable Trust Scholarship	Jacob Lane
Conlon Construction Company Scholarship	Andrew Corcoran
Dale M. Dickinson Scholarship	Joel Robinson
Engineering Undergraduate Merit Scholarship	Molly Jutz Matthew Olson David Rutherford Samuel Sodders Charles Sweeney
Heartland Finishes, Inc. Scholarship	Robert Olson
Henkel Construction Scholarship	Andrew Corcoran
Jerry Chase Scholarship	Andrew Lensch
Johnson-Engel Scholarship Endowment in Engineering	John Meyer
Lois A. & James David Waters Scholarship	Marcelious Wyatt
Lyle J. & Marcia L. Higgins Scholarship	Brian Badyna
Martin Marietta Scholarship	John Meyer
Master Builders of Iowa Scholarship	Elijah Hemesath David Hunting Jenna Koelker Jared Stumme
Master Builders of Iowa (Ken Lewis) Scholarship	Alex Gross
Matthew and Jessica Ralston Scholarship in Construction	Brian Carroll William Gude
Mechanical Contractors Association of Iowa Inc. Scholarship	Russell Acton Justin Block Joseph Kern Brandon Ophoff

Scholarship Name	Recipient(s)
National Association of Women	David Hunting
in Construction-DM Office Scholarship	Jenna Koelker
National Association of Women in	Brian Carroll
Construction-KC Office Scholarship	Jenna Koelker
National Electrical Contractors	Caleb Bonderer
Association of Iowa Scholarship	Joseph Hahn
R. C. Ringwald Scholarship	Joshua Flott
Raymond W. & Evelyn J. Mcllvain Scholarship	Jacob Bruhn
Reilly Scholarship	Jacob Lane
Robert and Sheri Horner Scholarship in Civil and	Drew Martinson
<b>Construction Engineering</b>	
Roderick Seward, Flossie Ratcliffe	Keaton Banwart
& Helen M. Galloway Scholarship	Jerad Croghan
	Christopher Grow Alan Hayes
	Mackenzie McCoy
<b>Ross White Engineering Scholarship</b>	William Gude
Ryan Companies (Scott Kinkade) Scholarship	Brian Carroll
<b>Sheet Metal Contractors Association</b>	
of Iowa Scholarship	Justin Block
	Joseph Kern Brandon Ophoff
Steve Maloney Memorial	Marc Alexander
Scholarship	
Tau Beta Pi Scholars Program	Lauren Bennett
Scholarship	
Tom Manatt Memorial Scholarship	Jacob Lane
Turner Construction Scholarship	Nicholas Mendez
Tyler R. Harris Scholarship	Joseph Kern Andrew Reynolds Amy Salcedo
VerHeul Family Scholarship in Engineering	Justin Savage
Whitfield & Eddy Scholarship	Brian Carroll
William R. Meehan Scholarship	Joel Robinson
Woodruff Construction Scholarship	Eric Johnson
Total scholarship monies ConE students received	\$108,375

# **Construction Engineering Course Schedule** 2014-2015 Catalog | Building Emphasis — 125 credits

FIRST YEAR			
Sem.1		Sem. 2	
Cr.	Course	Cr.	Course
R	ENGR 101 (Engineering Orientation)	2	CE 170 (Engineering Graphics)
3	CE 160 (Civil Engineering Problems - Computational Lab)	4	MATH 166 (Calculus II)
4	MATH 165 (Calculus I)	5	PHYS 221 (Classical Physics I)
4	CHEM 167 (General Chemistry)	3	ENGL 250 (WOVE Composition)
3	ENGL 150 (Critical Thinking & Communication)	1	CON E 122 (Cornerstone Learning Community)
1	CON E 121 (Cornerstone Learning Community)		
1	LIB 160 (Information Literacy)		
16	TOTAL	15	TOTAL

JUNIOR YEAR			
Sem. 5		Sem. 6	
Cr.	Course	Cr.	Course
3	CON E 322 (Construction Equipment & Heavy Civil Methods)	3	CON E 340 (Concrete & Steel Construction)
3	Law Elective (CON E 380 or ACCT 215)	3	CON E 352 (Mechanical Systems in Buildings)
3	EM 378 (Mechanics of Fluids)	3	CON E 353 (Electrical Systems in Buildings)
3	EM 324 (Mechanics of Metals)	3	CE 360 (Soils Engineering)
3	IE 305 (Engineering Economics)	3	CE 332 (Structural Analysis I)
		1	EM 327 (Mechanics of Materials Lab)
15	TOTAL	16	TOTAL

SOPHOMORE YEAR			
Sem. 3		Sem. 4	
Cr.	Course	Cr.	Course
3	CON E 222 (Contractor Organization & Management)	3	CON E 241 (Construction Materials & Methods)
3	CE 111 (Fundamentals of Surveying I)	1	CON E 251 (Mechanical/ Electrical Materials & Methods)
3	STAT 105 (Statistics for Engineering)	3	MATH 266 (Differential Equations)
5	PHYS 222 (Classical Physics II)	3	EM 274 (Statics)
3	ECON 101 (Microeconomics) or ECON 202 (Macroeconomics)	3	MATH or STAT elective
		3	SSH elective
17	TOTAL	16	TOTAL

SENIOR YEAR			
Sem. 7		Sem. 8	
Cr.	Course	Cr.	Course
3	CON E 421 (Construction Estimating)	3	CON E 487 (Construction Engineering Design I)
3	CON E 441 (Construction Planning, Scheduling & Control)	3	CON E 488 (Construction Engineering Design II)
1	CE 383 (Design of Portland Cement)	3	Bus. Comm. elective
3	CE 333 (Structural Steel Design I)	3	CE 334 (Reinforced Concrete Design I)
3	SSH elective (int'l perspective)	3	SSH elective (U.S. diversity)
2	Engineering Topics elective		
15	TOTAL	15	TOTAL

# **Construction Engineering Course Schedule** 2014-2015 Catalog | Electrical Emphasis —124 credits

FIRST YEAR			
Sem.1		Sem. 2	
Cr.	Course	Cr.	Course
R	ENGR 101 (Engineering Orientation)	2	CE 170 (Engineering Graphics)
3	CE 160 (Civil Engineering Problems - Computational Lab)	4	MATH 166 (Calculus II)
4	MATH 165 (Calculus I)	5	PHYS 221 (Classical Physics I)
4	CHEM 167 (General Chemistry)	3	ENGL 250 (WOVE Composition)
3	ENGL 150 (Critical Thinking & Communication)	1	CON E 122 (Cornerstone Learning Community)
1	CON E 121 (Cornerstone Learning Community)		
1	LIB 160 (Information Literacy)		
16	TOTAL	15	TOTAL

JUNIOR YEAR			
Sem. 5		Sem. 6	
Cr.	Course	Cr.	Course
3	STAT 105 (Statistics for Engineering)	3	CON E 352 (Mechanical Systems in Buildings)
4	EE 230 (Circuits & Systems)	3	CON E 353 (Electrical Systems in Buildings)
3	EM 378 (Mechanics of Fluids)	3	Law elective (CON E 380 or ACCT 215)
3	EM 324 (Mechanics of Metals)	3	CE 332 (Structural Analysis I)
		3	EE 303 (Energy Systems & Power)
		3	IE 305 (Engineering Economics)
13	TOTAL	18	TOTAL

	SOPHOMORE YEAR			
Sem. 3		Sem. 4		
Cr.	Course	Cr.	Course	
3	CON E 222 (Contractor Organization & Management)	3	CON E 241 (Construction Materials & Methods)	
3	CE 111 (Fundamentals of Surveying I)	1	CON E 251 (Mechanical/ Electrical Materials & Methods)	
3	MATH or STAT elective	4	MATH 267 (Differential Equations)	
5	PHYS 222 (Classical Physics II)	3	EM 274 (Statics)	
		4	EE 201 (Electrical Circuits)	
		3	SSH elective	
14	TOTAL	18	TOTAL	

SENIOR YEAR			
Sem. 7		Sem. 8	
Cr.	Course	Cr.	Course
3	CON E 421 (Construction Estimating)	3	CON E 487 (Construction Engineering Design I)
3	CON E 441 (Construction Planning, Scheduling & Control)	3	CON E 488 (Construction Engineering Design II)
3	EE 456 (Power Systems Analysis I)	3	EE 457 (Power Systems Analysis II)
3	SSH elective (int'l perspective)	3	Bus. Comm. elective
3	ECON 101 (Microeconomics) or ECON 202 (Macroeconomics)	3	SSH elective (U.S. diversity)
15	TOTAL	15	TOTAL

# **Construction Engineering Course Schedule** 2014-2015 Catalog | Heavy/Highway Emphasis —125 credits

FIRST YEAR			
Sem.1		Sem. 2	
Cr.	Course	Cr.	Course
R	ENGR 101 (Engineering Orientation)	2	CE 170 (Engineering Graphics)
3	CE 160 (Civil Engineering Problems - Computational Lab)	4	MATH 166 (Calculus II)
4	MATH 165 (Calculus I)	5	PHYS 221 (Classical Physics I)
4	CHEM 167 (General Chemistry)	3	ENGL 250 (WOVE Composition)
3	ENGL 150 (Critical Thinking & Communication)	1	CON E 122 (Cornerstone Learning Community)
1	CON E 121 (Cornerstone Learning Community)		
1	LIB 160 (Information Literacy)		
16	TOTAL	15	TOTAL

1	Learning Community)		
1	LIB 160 (Information Literacy)		
16	TOTAL	15	TOTAL
	SOPHOMOI	RE YEAR	
Sem. 3		Sem. 4	
Cr.	Course	Cr.	Course
3	CON E 222 (Contractor Organization & Management)	3	CON E 241 (Construction Materials & Methods)
3	CE 111 (Fundamentals of Surveying I)	1	CON E 251 (Mechanical/ Electrical Materials & Methods)
3	MATH or STAT elective	3	MATH 266 (Differential Equations)
5	PHYS 222 (Classical Physics II)	3	EM 274 (Statics)
3	ECON 101 (Microeconomics) or ECON 202	3	STAT 105 (Statistics for Engineering)

3

16

SSH elective

**TOTAL** 

JUNIOR YEAR			
Sem. 5		Sem. 6	
Cr.	Course	Cr.	Course
3	CON E 322 (Construction Equipment & Heavy Civil Methods)	3	CON E 340 (Concrete & Steel Construction)
3	Law Elective (CON E 380 or ACCT 215)	6	Engineering topics electives
3	EM 378 (Mechanics of Fluids)	3	CE 360 (Soils Engineering)
3	EM 324 (Mechanics of Metals)	3	CE 332 (Structural Analysis I)
3	IE 305 (Engineering Economics)	1	EM 327 (Mechanics of Materials Lab)
15	TOTAL	16	TOTAL

SENIOR YEAR				
Sem. 7		Sem. 8		
Cr.	Course	Cr.	Course	
3	CON E 421 (Construction Estimating)	3	CON E 487 (Construction Engineering Design I)	
3	CON E 441 (Construction Planning, Scheduling & Control)	3	CON E 488 (Construction Engineering Design II)	
3	CE 382 (Design of Concretes)	3	Bus. Comm. elective	
3	CE 333 (Structural Steel Design I)	3	CE 334 (Reinforced Concrete Design I)	
3	SSH elective (int'l perspective)	3	SSH elective (U.S. diversity)	
15	TOTAL	15	TOTAL	

17

(Macroeconomics)

TOTAL

### **Construction Engineering Course Schedule**

2014-2015 Catalog | Mechanical Emphasis - 125 credits

FIRST YEAR			
Sem.1		Sem. 2	
Cr.	Course	Cr.	Course
R	ENGR 101 (Engineering Orientation)	2	CE 170 (Engineering Graphics)
3	CE 160 (Civil Engineering Problems - Computational Lab)	4	MATH 166 (Calculus II)
4	MATH 165 (Calculus I)	5	PHYS 221 (Classical Physics I)
4	CHEM 167 (General Chemistry)	3	ENGL 250 (WOVE Composition)
3	ENGL 150 (Critical Thinking & Communication)	1	CON E 122 (Cornerstone Learning Community)
1	CON E 121 (Cornerstone Learning Community)		
1	LIB 160 (Information Literacy)		
16	TOTAL	15	TOTAL

1	CON E 121 (Cornerstone Learning Community)		
1	LIB 160 (Information Literacy)		
16	TOTAL	15	TOTAL
	SOPHOMOI	RE YEAR	
Sem. 3		Sem. 4	
Cr.	Course	Cr.	Course
3	CON E 222 (Contractor Organization & Management)	3	CON E 241 (Constructional Materials & Methods)
3	CE 111 (Fundamentals of Surveying I)	1	CON E 251 (Mechanical/ Electrical Materials & Methods)
4	MATH 265 (Calculus III)	4	MATH 267 (Differential Equations)
5	PHYS 222 (Classical Physics II)	3	EM 274 (Statics)
		3	STAT 105 (Statistics for Engineering)

TOTAL

15

SSH elective

TOTAL

17

JUNIOR YEAR			
Sem. 5		Sem. 6	
Cr.	Course	Cr.	Course
3	ME 231 (Thermodynamics)	3	Law elective (CON E 380 or ACCT 215)
3	CON E 352 (Mechanical Systems in Buildings)	2	EE 442 (Circuits)
3	CON E 353 (Electrical Systems in Buildings)	3	EM 378 (Mechanics of Fluids)
3	EM 324 (Mechanics of Metals)	3	CE 332 (Structural Analysis I)
3	IE 305 (Engineering Economics)	3	SSH elective (Int'l Perspective)
3	SSH elective (U.S. diversity)	2	EE 448 (Introduction to AC Circuits & Motors)
18	TOTAL	16	TOTAL

SENIOR YEAR			
Sem. 7		Sem. 8	
Cr.	Course	Cr.	Course
3	CON E 421 (Construction Estimating)	3	CON E 487 (Construction Engineering Design I)
3	CON E 441 (Construction Planning, Scheduling & Control)	3	CON E 488 (Construction Engineering Design II)
4	ME 436 (Heat Transfer)	3	Bus. Comm. elective
3	ME 441 (Fundamentals of HVAC)	3	ME 442 (Heating & Air Conditioning Design)
3	ECON 101 (Microeconomics) or ECON 202 (Macroeconomics)		
16	TOTAL	12	TOTAL

### **Total Construction Engineering Graduates**

1963-2014: Engineering Operations, Building Construction and Construction Engineering

#### **Bachelor's Degree**

Bachelor's		
Calendar Year	Year's graduates	Cumulative graduates
1963	4	4
1964	4	8
1965	5	13
1966	13	26
1967	15	41
1968	15	56
1969	9	65
1970	22	87
1971	31	118
1972	29	147
1973	30	177
1974	23	200
1975	36	236
1976	37	273
1977	37	310
1978	58	368
1979	82	450
1980	81	531
1981	108	639
1982	93	732
1983	6	796
1984	71	867
1985	66	933
1986	50	983
1987	39	1,022
1988	52	1,074
1989	46	1,120
1990	49	1,169
1991	50	1,219
1992	27	1,246
1993	31	1,277
1994	29	1,306
1995	46	1,352
1996	41	1,393
1997	57	1,450
1998	62	1,512
1999	57	1,569
2000	56	1,625
2001	66	1,691
2002	68	1,759
2003	67	1,826

#### Bachelor's Degree (continued)

Calendar Year	Year's graduates	Cumulative graduates
2004	61	1,887
2005	41	1,928
2006	80	2,008
2007	65	2,073
2008	75	2,148
2009	56	2,204
2010	79	2,283
2011	80	2,363
2012	83	2,446
2013	76	2,522
2014	42	2,564

#### Master's Degree

Calendar Year	Year's graduates	Cumulative graduates
1985	1	1
1986	0	1
1987	0	1
1988	1	2
1989	7	9
1990	6	15
1991	2	17
1992	5	22
1993	5	27
1994	2	29
1995	3	32
1996	10	42
1997	2	44
1998	6	50
1999	3	53
2000	7	60
2001	6	66
2002	7	73
2003	3	76
2004	8	84
2005	7	91
2006	3	94
2007	3	97
2008	2	99
2009	2	101
2010	8	109

#### Master's Degree (continued)

Calendar Year	Year's graduates	Cumulative graduates
2011	5	114
2012	7	121
2013	5	126
2014	1	127

#### **Doctoral Degree**

Doctoral Degree				
Calendar Year	Year's graduates	Cumulative graduates		
1995	1	1		
1996	1	2		
1997	1	3		
1998	0	3		
1999	0	3		
2000	0	3		
2001	1	4		
2002	0	4		
2003	0	4		
2004	2	6		
2005	0	6		
2006	1	7		
2007	0	7		
2008	2	8		
2009	3	11		
2010	0	11		
2011	0	11		
2012	2	13		
2013	0	13		
2014	1	14		

You are cordially invited to the

# 2014 ConE Alumni Reunion

Thursday, October 9, 2014 5:00-8:00 p.m. **Exile Brewing Company** 1514 Walnut Street Des Moines, Iowa

We are excited to announce the 19th Annual Iowa State University Construction Engineering (ConE) Reunion, which will be held at Exile Brewing Company in Des Moines on Thursday, October 9, 2014, from 5:00-8:00 p.m. Iowa State ConE alumni and quests are welcome to join us for a fun night in a private reception area at one of Des Moines' most popular establishments. Cyclones memorabilia will be given away to attendees in prize drawings.

Enjoy a relaxing evening with fellow ConE alums, faculty, and leaders while you catch up in a vibrant environment overlooking one of Des Moines' newest neighborhoods. The ConE program has many exciting updates from the past year, and the reunion is a great place to celebrate and catch up on what's been happening.

The ConE reunion is always held on the Thursday before the Iowa State University Homecoming football game. It is sponsored by Iowa State University, Associated General Contractors of Iowa (AGC), Master Builders of Iowa (MBI), Holmes Murphy, McGladrey LLP, and Whitfield & Eddy, P.L.C. For information about the event, contact Jeff Stone, J.D., LEED® AP, at 515-288-6041 or stone@whitfieldlaw.com.













### **Construction Engineering Alumni Updates**

#### **BS 1964**

#### Neal, Paul (Tony) (Gwen)

The Popsie Fish Company PO Box 3368 Homer, AK 99603 907 299-2351 tonyneal@popsiefishco.com

We have adult children: Sarah and family, commercial fisher and third grade teacher, Portland, OR; Jeff, mechanical engineer, Waterford, Ireland; Siri, commercial fisher, Clearwater, FL.

I am totally 100% happy with my education and degree at ISU and had a full career as a heavy civil general contractor in Alaska and the western Pacific, but we sold out quite a while ago. I am working full time as a commercial fisher for our family fishing company. I love the work. My daughter has fished with us for 30 years and is now our captain, our grandkids commercial fish, and it's all a lot of fun. Gwen went to law school after we sold out of construction and is now a busy defense lawyer who runs her practice from our fish camp. You can buy our salmon at Wheatsfield Co-op in Ames.

#### **BS 1967**

Carlstrom, Mike (Jane), Retired

7848 Wistful Vista West Des Moines, IA 50266 515-991-8855 mikewdm7848@gmail.com

#### Raufaste, Noel (Lynn)

Business:

Knowledge Access & International 202 Captain Robinson Drive Avondale, PA 19311 301-467-6767 (business)

Home:

202 Captain Robinson Drive Avondale, PA 19311 484-720-8217

Children: Noel (41), Colleen (39)

During semi-retirement my wife and I enjoy traveling e.g., during 2013 in May we made a transatlantic crossing on the Queen Mary 2 and visited friends in Germany and The Netherlands; in September we spent a week at Niagara-on-the Lake, Ontario, Canada; and in December we visited San Diego, CA during a week visiting friends from Tokyo. I am an active volunteer at the National Institute of Standards and Technology's (formerly the National Bureau of Standards) Alumni Association and serve as a volunteer tour guide at two du Pont estates – Longwood Gardens and Nemours Mansion. I continue part time consulting at my firm, Knowledge Access and Services International. For the latter I'm creating a global initiative on "Cities of the Future". This initiative is aimed at enhancing ongoing, and stimulating new, sustainable city programs by creating the financial and

legislative incentives to stimulate global city and town planners to develop and implement innovative technologies that focus on livability needs to enable sustainable cities of the future. The focus is creating a network of researchers and practitioners to provide improved planning processes and technologies for integrating infrastructure systems (including communications, energy, transportation, sanitation, and water) with buildings of all types. Planning integrated infrastructure systems, 25-50 years out, includes delivering the essential health, safety, and welfare, maintaining a sustainable environment (brown cities [redeveloping existing cities] and green cities), and advancing economic viability while significantly reducing unnecessary replacement of the buildings stock. The World Bank and the National Academies have the proposal under review. Should you have interest in discussing this effort please contact me. I continue stressing, within my environment, the following three nontechnical skills I feel are most important to engineers – 1. Communication (speak clearly and effectively present your ideas); 2. Establish networks (for business, to create new friends, become socially engaged); and 3. Before making judgments perform comparative analyses of the subject timely/topical issue.

#### **BS 1970**

**Guinn, Jack (Jolene)**, Retired 5319 N 52 St Omaha, NE 68104 402-451-0395 jhguinn2@cox.net

Happily retired and enjoying kids, grandkids and life. Finally trying to learn the game of golf.

#### **BS 1971**

Stinn, Glen, Retired 3404 Tammy St Bellevue, NE 68123 402-292-7345 glenstinn@cox.net

I have been retired for a little over a year now. I love it; however I am staying as busy as ever with little odds and ends handyman jobs, and a total remodel of our kitchen. The difference is that I very much enjoy this kind of lifestyle.

My wife, Deb, is staying busy with the day-care at our church. She takes care of the small ones, 6 weeks to a little over a year old.

My son, Kevin, graduated from Drake law school about a year ago. He passed the bar in Iowa, but has yet to land a permanent position. He does have plenty of temporary work to keep him busy. He is also studying for a Master in Health Administration at Des Moines University. He should graduate from there next spring. His main interest is in health law.

Hope everything is well with all of you.

#### **BS 1972**

Floyd, Chuck (Charlotte)

Business:

C.E. Floyd Co., Inc. 20 Putnam Road Acton, MA 01720 978-635-0725 cfloyd@cefloyd.com

Home:

135 South Road Bedford, MA 01730 781-325-0105 cfloyd@cefloyd.com

It looks like the economy may be returning again as we have many new project opportunities this year. We are happy to put the last 5 years of a slow economy behind us, but have been able to maintain a strong organization with a great reputation. C.E. Floyd Company is celebrating its 25th anniversary this year

#### Lewis, Dennis (Kathy)

Business:

Design Forum Engineering 7575 Paragon Road Dayton, OH 45459 937-439-4400 dennis.lewis@interbrand.com

Home:

2010 Kitty Hawk Drive Xenia, OH 45385 937-376-1080 dennisjlewis1972@hotmail.com

Children: Marisa, Jessica

We are both still chugging along in the work place and volunteering with Friends of Xenia Station (FOXS) and Friends of the Little Miami State Park (FLMSP). Both organizations are active in maintaining and improving portions of the nearly 350 mile contiguous, paved rail-trail network in the Miami Valley. (Shameless plug for bicycle tourism.) Any downtime is primarily used for "granddaughter time", a new experience for us.

#### Manning, Russ (Rhonda)

Business:

Turner Construction Co. 336 James Record Rd. Huntsville, AL 35824 rmanning@tcco.com

Home:

6600 CR 270 Town Creek, AL 35672 256-685-0309

#### Moeller, Larry

Business:

Libarty Group PO Box 7163 Maryville, TN 37802 865-984-9040 x 110 moellerL@libarty.com

#### Thompson, Dennis (Becky)

Business:

Shumate Constructors, Inc. 8200 Venice NE Albuquerque, NM 87122 505-991-2597 dennis@shumateconstructors.com

Home:

8200 Venice NE Albuquerque, NM 87122 505-856-1412 shumateconstructors@gmail.com

Children: Courtney Woods (35), Andy Thompson (32), Allie Moore (32), Zach Thompson (29)

Mark Shumate (ConE 1972) passed away in June 2012. We had been in business together for 27 years; he took care of the office duties while I handled the field. After his death, my wife and I purchased his stock and I assumed the office duties along with our son Zach (I really miss the field). The field duties were passed on to our other son, Andy. Our oldest daughter, Courtney, handles the office bookkeeping responsibilities along with Becky. Our other daughter, Allie, develops our proposals as needed. We have a regular family affair going here.

The majority of our work consists of schools. We did just complete a \$30,000,000 football stadium for Albuquerque Public Schools and at present have three schools under construction. We have managed to stay busy despite the strained economy.

#### Walter, John (Donna), Retired

7914 Barbara Street Omaha, NE 68124 402-393-2564 bikewalterjf@gmail.com

Retired June 2013 at age 67 after 41 years in the construction industry spanning crank arm calculators to computers, estimates on paper to estimates on computer, and most of all a time when a person's word and hand shake was good, to now everything must be on paper or a contract and then it may not still be good. Worked as a field engineer, project engineer, project manager, estimator, and chief estimator on everything from schools, churches, student unions, dormitories, apartments, office buildings, hospitals, power plants, intake structures, remodels of all sorts, two projects in Saudi – Royal Family terminal ceilings and SAMA ceilings, sewer projects, wastewater treatment plants, bridges, and best of all the I-280 Mississippi River bridge substructure at Davenport. All in all it's been a good career and it's not finished – I do some on call work

for Lue der Construction and Brunow Contracting (for Bob Johnson – ISU ConE). My wife Donna (we just celebrated our 42nd anniversary), is education coordinator for the Institute for Holocaust Education. My daughter, Jennifer, works for the USGS, finished her third masters degree, and serves on the What Ridge housing authority board. My son Andy is a self-employed graphic artist and stay-at-home dad for Annie and Ben. His wife Sarah is a doctor. Donna and I ride a tandem bicycle. We just turned 25,000 miles in 14 years of riding. For "old" people that isn't bad.

#### **BS 1973**

#### Jochimsen, Ron (Carol)

Business:

The Boldt Company Oscar J. Boldt Construction 2525 N. Roemer Road Appleton, WI 54911 ron.jochimsen@boldt.com

Home:

N4417 Sandstone Ct. Appleton, WI 54913 920-733-0051 n4417joc-1groups@yahoo.com

Ron is Quality Process Manager for The Boldt Company, Oscar J. Boldt Construction. After 20 years as Project Manager and 21 years of specialty support for all aspects of construction, Ron has settled into a consultant role for a wide variety of construction services. In between developing procedures and improving processes, running a construction reference desk can bring new challenges every day.

#### **BS 1974**

#### Crumpton, Jon

Business: EMA, Inc. 668 N. 44th St., Suite 254E Phoenix, AZ 85008 602-275-0651

Home:

PO Box 24231

Tempe, AZ 85285-4231

Still working in the public utilities & public works sector focusing on helping clients to become more effective with maintenance management and developing asset management programs.

#### Nizzi, Chuck

Hawkeye Inspections 1013 22 ¼ St. Chetek, WI 54728 715-491-2768 codeguy@integrity.com

Children: Ted (37) USMC/National Guard, Gretchen (32), 2 granddaughters — Elsie (6), Paige (3)

Still doing Code Enforcement in new 1 and 2 family dwellings under my state credentials. My only comment is that too many credentialed inspectors collect fees and fail to do effective, if any, inspections. When I run into those contractors they then get to build/rebuild to code. More at my blog: buildingcode.typepad. com/blog.

Code enforcement borders on doing root canals without novacaine. Best book to read: *Broken Buildings*, *Busted Budgets* by Barry LePatner

#### Perry, Gilbert (Clare Perry, Jlsm 1973)

Business:

Apollo Mechanical 26055 SW Canyon Creed Rd Wilsonville, OR 97070

Home:

2945 NW 144th Ave. Beaverton, OR 97006 ceperry3@frontier.com

Hospital and community college expansions for the work piece. Tennis, gardening and travel for the personal. Most of all — enjoying our four grandchildren born within last two years

#### Tiemeyer, Jon (Joan)

Business:

City Construction Group, LC 409 Highway #1 West Iowa City, IA 52246 319-338-2870 jon@citygrp.com

Home:

2639 Hickory Trail Iowa City, IA 52245 319-338-7381 jontiemeyer@mchsi.com

Children: Jessica Ringena (34), Jilliane Erlbacher (32), Jene Tiemeyer (27), Jason Tiemeyer (20)

I have owned City Construction Group for 9 years now. We won a Master's Award from MBI this year in the \$5 to \$10 million dollar category for our \$8.4 million dollar University of Iowa Main Library First Floor Renovation. We have 4 ISU ConE graduate PM's and 2 UI Engineering graduate PM's... City Construction finished a \$2 million dollar Main Operating

Room project at University of Iowa Hospital this year. City Construction just finished a \$1 million dollar UI College of Medicine Auditorium. We are finishing up a \$4.4 million dollar Farm Equipment dealership in West Branch, Iowa. City Construction just received the contract for and has started work on the \$8.4 million dollar addition to Penn Elementary School in North Liberty, Iowa. CCG is doing a \$2.4 million dollar Chronic Pain and Breast Imaging Area for the University of Iowa Hospitals and Clinics. City Construction also did many smaller University of Iowa Projects, the Tiffin Iowa City Hall and the Iowa City Hickory Hill Park FEMA Storm Shelter/Restrooms all less than \$500k in size.

#### White, Larry (Deb)

Grand Projects Inc.
PO Box 29
Northfield, MN 55057
507-744-4582
lwhite@grandprojectsinc.com

We are celebrating our 40th year this summer since graduation and moving to the Twin Cities.

The small to mid-sized private commercial market in the Twin Cities is still alive and well but we'd like to see a little faster growth spurt so us old timers can put away a little more in our retirement sock. Notice I said sock, not socks, as many of us had to use up one sock to get through the last four or five years. Maybe some of the big Metro area projects such as the new Vikings stadium will keep the big boys busy so the rest of us can feed on some of the crumbs.

With a gap in our winter schedule we escaped the Tundra for a couple of months this past winter and experienced a taste of winter life in Florida. The term "wind chill" didn't come up in many conversations down there except with snow birds and Midwest retirees who now call FL home.

Had a nice chat recently with former classmate, Mark Herrick, who is days from retirement. In many ways 40 years have gone pretty quickly.

Our oldest son and family live near Madison, WI so we enjoy trips there to see the grandsons. Youngest son moved to Atlanta last summer to market services for an industrial contracting firm, PIC Group. Spent Christmas with him on the way to FL. We enjoyed following the Cyclones BB seasons and look forward to even more of the same successes with them and an improved FB team. GO CYCLONES!

#### **BS 1975**

#### Miller, Albert (Lois)

Business: Lewis Contractors 55 Gwynns Mill Ct. Owings Mills, MD 21117 410-356-4200 Ext. 121 wmiller@lewis-contractors.com Home:

19 Patricks Ct.
Parkton, MD 21120
410-239-6952
cappy4@rocketmail.com

Child: Bridgette (24) ConE 2012

Work is really picking up fast. We have several 30 million+projects and many others from 10,000 to 10 million. Hope all ConE '75 grads are doing fine. I guess we all are looking towards retirement soon!

#### **BS 1977**

#### Dakovich, Milt (Kim)

Business: Aspro, Inc. 3613 Texas St. PO Box 2620 Waterloo, IA 50704 milt@asproinc.com

Home:

1967 Kitty Hawk Dr. Waterloo, IA 50701 319-236-1688 milt@asproinc.com

Children: Shari (31), Kelly (28), Austin (26), Chance (16), Brigette (14)

#### Koester, Paul (Beth)

Business:

Koester Construction Co., Inc. 3050 S Enterprise Dr. Grimes, IA 50111 515-986-5500 pkoester@koester.cc

Ноте:

4124 Ovid Ave. Des Moines, IA 50310 515-202-1231 pkoester@koester.cc

Children: Ben (33), Matt (29), Megan (24)

#### **BS 1978**

#### Benike, John W. (Cindy)

**Business:** 

Alvin E. Benike, Inc. 2960 Hwy 14 West Rochester, MN 55901 507-288-6575 jb@benike.com

Home:

56784 402 Ave. Mazeppa, MN 55956 507-254-1095 jb@benike.com

Children: Adam (33), Mike (30), Amy (28)

#### Blount, Steve (Kelly)

Business:

Division 3 Constructors Inc. PO Box 65889 West Des Moines, IA 50265 319-631-3467

div3construct@live.com

Home:

4943 Pleasant PO Box 65889 West Des Moines 14 500

West Des Moines, IA 50265

Child: Sam (35)

If I can get in another 15 years, I will be happy.

#### Cormicle, Larry (Mary Beth Oostenbrug)

Iowa State University Construction Engineering 426 Town Engineering Bldg. Ames, IA 50011 515-294-8299 cormicle@iastate.edu

My twelfth year as a ConE faculty member was the best year. Our students are great to work with and I find them some of the brightest young professionals that are entering into our industry. I am teaching two courses per semester and advising the AGC Student Chapter, advising the NAHB Student Chapter and acting as the coach for our four ASC Student Competition teams. Our teams have placed first 29 times in the twelve years that I have coached. Our students definitely understand how to "win" the proposal. I have completed nine years as the ConE curriculum committee chair and am looking forward to again making improvements to our degree program. My passion is to educate the greatest builders and industry leaders.

We are very blessed with three grandchildren, ages 14 months to six years old. Seeing the world through the eyes of my grandchildren is a wonderful part of life as a grandparent. Mary Beth and I are enjoying our three grandchildren every chance we get.

If any of you travel to Ames for personal or recruiting reasons, stop by and say "Hi."

#### Dillin, Larry (Cheryl)

Dillin Capital Investments, LLC 1910 Rue De St Tropez #4 Austin, TX 78746 ldillin@dillin.com

After years developing mixed use, master planned community projects, good friend Peter Douglas ('78) convinced me to take a look at the seniors housing sector. After a few months of study, I'm busily putting together a senior living investment fund. Our equity group is currently working with Pete's company to develop a 64-unit memory care project in New York. Also evaluating other development, acquisition and value-add opportunities in the Great Lakes.

Cheryl and I moved to Texas after spending 30 years in Toledo. Loving all things Austin — the food, the weather, stand up paddleboarding, the trails, music scene — and best of all the positive economic climate.

#### Graeve, Mike (Nancy)

Business:

Garney Construction Co. 7911 Shaffer Parkway Littleton, CO 80127 303-596-3850 mgraeve@garney.com

Home:

10064 Tennyson Ct. Westminster, CO 80031 303-469-6414 mgraeve@garney.com

Children: Matt (34), Dan (32), Mark (26)

Mike is the construction manager on a \$255 million dollar greenfield waste-water treatment plant in Brighton, CO. Mike also keeps very busy as the Director for Garney's Western Plant Operations.

#### Larson, Craig (Barb)

Business:

Opus Design Build LLC 10350 Bren Road West Minnetonka, MN 55343 952-656-4512 craig.larson@opus-group.com

Home:

7632 West 85th Street Bloomington, MN 55438

Children: Kim, Amy

Regional Vice President for the Minneapolis office of Opus Design Build. Continue to have responsibility for multiple schools projects, primarily in Twin Cities. Also serving as project executive for a 1.5MM square foot distribution center in Indiana for ConAgra Foods.

Family expanded with birth of our first granddaughter in 2013.

#### Wenger, Lynn (Wendy)

Business: Schedules Inc. 112 Sago Lane Mooresville, NC 28117 704-578-3719 schedulesinc@gmail.com

Home:

112 Sago Lane Mooresville, NC 28117 704-660-3490 lewswenger@roadrunner.com

Children: Brian (27), Jennifer (23)

Life is good! I have been self-employed for over six years and keeping busy working on projects in Raleigh, Charlotte, and Plano, TX.

Both of my children have graduated from college and my wife retired on December 31st.

Heading back to Iowa this summer for my 40-year high school reunion...I must be getting really old!!!!

#### **BS 1979**

#### Dawson, Paul (Joyce)

Business:

Elgin Community College 1700 Spartan Drive Elgin, IL 60123 847-214-7364 pdawson@elgin.edu

Home:

1915 Fieldstone Ct. Elgin, IL 60120 847-741-2505 pdawson1954@wowway.com

Paul has been with Elgin Community College (ECC) for 20 years this year. He has been the Managing Director of Construction for the past five years and the Managing Director of Facilities for fifteen years. He now has the task of replacing roofs that are out of warranty on buildings that he built early in his career or replacing roofs he replaced earlier in his career. As Managing Director of Construction, he is nearly complete with the \$178 million referendum projects started in 2010. The Academic Library and the Health and Life Sciences Building (HLSB) both achieved Silver LEED level and both won several architectural awards. The HLSB was built by Ian Lamp's (ConE '83) Elgin Company and Jenny Spence (ConE '99) worked on Pepper's portion of the Library Building. The last major project that I will build here will be an \$18 million Public Safety and Sustainability Center on 120 acres that the college owns 9 miles away in Burlington, IL. The sitework bid packages are currently being bid and the work should start this summer. I also have several infrastructure jobs on the main campus to keep me busy.

#### Giroux, Paul (Cathy)

Business:

Kiewit Infrastructure West Co. 360-204-6633 paul.giroux@kiewit.com

Ноте:

3911 NW 161st Way Ridgefield, WA 98642

Paul is now in his 35th year with the Kiewit Corporation. In June Paul moved to the Vancouver, Washington area to work as a senior engineer. In this new role, Paul serves as an in-house consultant assisting on major projects throughout the United States.

Paul continues to travel extensively for Kiewit and as he does he makes an effort to speak at engineering schools about some of the projects he has worked, and civil engineering's greatest projects. Paul has now lectured at over 40 schools, presenting over 200 lectures.

In December 2013 Paul returned to Iowa State to speak at the Jellinger Lecture Series, and shared his latest great project's lecture, "Building Panama Canal". This fall Paul is scheduled to be a featured speaker at the 100th anniversary of the Panama Canal.

#### Harman, Pamela (Brian James)

Business: SETI Institute 189 Bernardo Ave #100 Mountain View, CA 94043 650-961-6633 pharman@seti.org

Home:

PO Box 958 Pacifica, CA 94044 415-515-5305 lafatak@onemain.com

Pamela continues to manage education programs, and has recently participated in some NASA SOFIA science flights.

#### Johnson, Steven L. (Bridget)

Business:

Swinerton Builders 260 Townsend Street San Francisco, CA 94017 415-984-1268 sjohnson@swinerton.com

Ноте:

6271 Byron Lane San Ramon, CA 94582 925-875-0141 sohnson.sl7355@att.net

Children: Emily (26), Alyson (24), Shae (21)

Steve was promoted to Sr. Vice President, General Manager of four groups in the San Francisco Bay Area. He will manage the San Francisco/East Bay building group, San Francisco Interiors group, Silicon Valley building group and the Swinerton Carpentry Services group. In addition he was elected to the Swinerton Builders Board of Directors. Business is very strong in the San Francisco Bay Area and the high tech group continues to fuel the hot markets of multi-family housing, office and retail. Great time to be living and working in the Bay Area!

Steve's daughter Emily still lives and works in the hospitality market in the Orlando, FL area and Alyson lives in the San Ramon/Pleasanton area and works as a salon stylist. Bridget's daughter Shae is a junior at St. Mary's College in the Bay Area.

#### Williams, Pat (Jeanine)

Business:

Intren, Inc.

18202 W. Union Rd.

Union, IL 60180

630-347-1370

patwilliams@intren.com

Home:

505 Wingfoot Dr. North Aurora, IL 60542 630-347-1370 jpwilliams505@gmail.com

#### **BS 1980**

#### Bosshart, David

CDM International, Inc. 304 S. Colorado Ave. PO Box 264
Buena Vista, CO 81211
djbosshart@yahoo.com

Children: Laci (31), Kennley (26)

I have spent the past 5 years in Lesotho, Africa working on the Metolong Dam and Water Supply Project. It has been interesting for me as I have been involved not only in the construction, but also in the design, environmental and social programs, and soon the training and hand over to the Government of Lesotho.

We started impounding the reservoir in February 2014 and are now beginning the testing and commissioning of the dam, water treatment works and delivery pipelines. Training and handover will then follow. Construction should be substantially complete by the end of 2014 and the project closed out and handed over late 2015.

I am looking forward to spending some time back in Colorado with family and friends before undertaking my next work adventure.

## Czapanskiy, Gregory A. (Rebecca (ISU Elem & Child Dev. 1980))

Business:

Mario Sinacola & Sons Excavating, Inc. 10950 Research Road
Frisco, TX 75033
214-577-2163
gczapanskiy@mariosinacola.com

Home:

3605 Ping Drive Flower Mound, TX 75028 972-691-2086 gczapanskiy@gmail.com

Children: Emily (ISU Arch 2010), Jonathan Sampson (Son-in-Law) (ISU Bus 2013)

Greg is Utility Division Manager for Mario Sinacola & Sons Excavating, Inc. He and Becky are now empty-nesters since Emily and Jonathan married and recently celebrated their first anniversary.

#### Ford, Mike (Marsha)

Business:

DPR Construction 2941 Fairview Park Dr. Suite 600 Falls Church, VA 22042 602-469-0401 mikef@dpr.com

Home:

2555 Pennsylvania Ave NW Apt 1001 Washington, D.C. 20037 202-309-7368 mikef@dpr.com

Children: Patrick (26), Alison (25)

My life at DPR Construction continues to be very exciting and challenging. We continue to strive to better the construction industry through collaboration, innovation, and hard work. I feel very lucky to get to do work as well as work with people that I thoroughly enjoy.

Golf, cycing, skiing, traveling, family, friends, and wine are some of the things that occupy our time outside of work. We traveled to Ames for ISU's homecoming football game last year — we forgot how cold concrete bleachers can be! Life is good.

#### Walker, Jon (De)

Skanska USA Civil Southeast 111 N. Magnolia Ave, Suite 1150 Orlando, FL 32801 407-506-6850 jon.walker@skanska.com

Children: Grant (25), Julia (23)

Jon and De are moving from Jacksonville, Florida to Orlando. Jon is the Project Manager on the \$2.3 billion I-4 Ultimate P3 Project to rebuild the 21 miles of I-4 through downtown Orlando including adding tolled express lanes.

#### **BS 1981**

#### Anderson, Rick (Cynthia)

Business: EFI Global, Inc. 11000 Richmond Ave, Suite 250 Houston, TX 77065 832-518-5145 rick\_anderson@efiglobal.com

Home:

13014 Orchard Hollow Way Houston, TX 77042 832-236-9531

rick\_anderson@efiglobal.com

Children: Kelsey (24), Kailtin (19)

Rick is still working at EFI Global as a Principal Engineer in the property condition assessment and environmental field, where he has been since 2001. Cyndi continues to work part time as an accountant. Kelsey is starting her second year of medical school at Texas A&M and Kailtin is starting her junior year at Texas A&M and wants to be a physician's assistant. As you can imagine, they will both keep me working for several years. But when it is done they will take care of all my health costs/issues, maybe? Enjoyed making a trip through the campus in February when I made a trip home to see the folks. There have been a lot of changes in the last few years.

#### Campos Lange, Monique (Paul)

Bechtel Power Corporation 5275 Westview Drive Frederick, MD 21703 mclange@bechtel.com

Monique worked the last three years in the Mojave Desert of California on a concentrating solar power project called Ivanpah, which achieved substantial completion December 2013. The 3-unit plant produces 392 MW (gross) of power using mirrors (heliostats) to direct sunlight to a solar recovery steam generator (SRSG) located at the top of each tower. This generates steam which travels to a steam turbine generator producing electricity. Some of the challenges include the remoteness of the plant (craft labor came from San Bernardino (~3 hours away), temperature, the logistics of travel within ~3500 acre project, and environment (isolating the desert tortoises, impacts of birds nesting, and kit fox dens).

If you are traveling between Las Vegas and Los Angeles on Interstate 15, check out the plant as you are driving by just south of the Nevada border on the west side. You can't miss the three shining bright towers.

For more information about the plant, check out the developer's website: www.brightsourceenergy.com/ivanpah-solar-project.

#### Clarahan, Randy (Sue)

Business:
Mortenson
111 East College Street
IowaCity, IA 52240
319-388-2180
randy.clarahan@mortenson.com

Home:

700 Creek View Ct. Coralville, IA 52241

I am excited to lead our Mortenson office in Iowa. We find ourselves back on "Hallowed Ground" — selected as CM for the Marston Hall renovations. Our projects in Iowa City (Hancher and School of Music) are moving along, despite the ugly winter.

If you find yourself in Iowa City, stop by the office. It's easy to find right on the Ped Mall.

#### Colbert Hyler, Susan (Paul)

HCM Engineering, PC 315 Montford Avenue Asheville, NC 28801 828-280-4154 susanhyler@charter.net

Child: Georgia (21)

Still enjoying living in Asheville, NC and running my own business. Our daughter, Georgia, turned 21, and that makes me feel a bit older. Georgia participated in the NC State Special Olympics Swimming in Raleigh and had a great time. Congratulations to Georgia for winning 2 gold medals and 1 silver medal. My husband, Paul, is two years cancer-free, and we are praising God for that and 29 years of marriage! Life is great!

#### Friedrichsen, Kent, Retired (Air Force, civilian)

13125 Neon Ave NE Albuquerque, NM 87112-4869 505-275-5428 friedblues@icloud.com

#### Hall, Jeffery

Business: Arizona Best Real Estate 855 West Elliot Road Tempe, AZ 85283 480-948-4711 jmhall1955@gmail.com

Home: 12822 So. 45th St. Phoenix, AZ 85044 480-390-7490

Well, it has been a long time since I updated information in the Erector Set, so perhaps I need to explain a few things!

I know I have let everyone know for a number of years that I have been engaged as a real estate and construction law attorney. However, most recently, I made a decision in June 2013 to slowly retire from my law practice. Since then, I have taken the Arizona Real Estate license exam and am now engaged with Arizona Best Real Estate: www.arizonabest.com.

Starting a whole new business like selling real estate has been an adventure, a tad risky and at times, frustrating. Nonetheless, I am happy with the decision. But as with any new business, including going solo as a lawyer, I am hoping you will consider me for referrals that you would be willing to send my way, whether those persons are buying or selling. As you all would agree, a prior legal practice in real estate and construction is an asset few other Realtors possess, and I approach real estate clients' matters and representation with the integrity, individualism and trust inherent in the legal code of ethics.

I represent clients that have purchased from the highest and best golf course communities to very modest, single family condominiums. Regardless of the amount, everyone receives the same level of dedication, integrity and commitment in a trusting manner.

I personally invite those of you who are reviewing my Erector Set profile to contact me if you are either considering moving here for retirement, or simply coming out for a winter away from the Iowa cold!

#### Lamp, Ian (Lisa)

Business:

Lamp Incorporated 460 N. Grove Ave. Elgin, IL 60120 847-741-7220 ilamp@lampinc.net

Home:

521 Running Deer Lane Gilberts, IL 60136 847-551-9631 ilamp@lampinc.net

Children: Ben (31), Greg (28), Rachel (26)

We are still surviving the Great Recession! I know a lot of my friends are enjoying an uptick in the economy, but in the great State of Illinois, we are still treading water. Lisa and I became grandparents last year and have a grandson who lives fairly close by. Thinking that my children would have more sense than their dad, graduated with degrees in other fields following their passions. Unfortunately my youngest two have decided that they too are passionate for a challenge and have gone back to get their construction management degrees and become a fourth generation contractor.

#### Martens, George, Retired (Iowa Dept. of Transportation)

6229 North Fork Road Ames, IA 50010 515-232-6387

georgemartens44@yahoo.com

I retired July 31, 2013, with 28-plus years with the Iowa Department of Transportation. I had 10 years in Design of Highways with 18 years in Maintenance and Engineering Operations with District 1, which covered central Iowa. I want to thank staff at Construction Engineering and my supervisors of the Iowa Department of Transportation for my successful career. \*Licensed in Iowa and Minnesota for Civil Engineer.

#### McCormick, Dean (Tonya)

Business: Iowa State University Facilities Planning & Management General Services Bldg. #200 Ames, IA 50011 515-294-0564 dmccormi@iastate.edu

Home:

3032 Aspen Road Ames, IA 50014 515-292-8276 dtmccormic@aol.com

Children: Shannon (26), Patrick (23)

Still building on campus at Iowa State. Work on the Agricultural & Bio Systems Engineering project is wrapping up. We are beginning the bidding process on the Marston Hall Renovation and the Jack Trice Stadium South End Zone project. 150-plus other projects ongoing in various stages and several major projects in the planning phase. I continue to enjoy working with the many ConE graduates, new and old, working on projects on campus.

#### Nissen, Jim (Rhonda)

Business:

Pepper Construction Co. 411 Lake Zurich Rd. Barrington, IL 60010 847-620-4001 jnissen@pepperconstruction.com

Ноте:

6705 Lexington Trail Crystal Lake, IL 60012 815-459-2875 jim\_nissen@comcast.net

Children: Dan, Jackie and Lauren are all grown up and married. Nick is 20 and a student.

Our oldest, Dan, and wife Sarah brought our first grandchild into the world in August 2013 — Alice Jane Nissen! Dan is a hospital administrator in Portland, OR. Jackie was married to Kolby Wood in July and she is a registered nurse living in Schaumburg, IL. Lauren is married to Jeb Gent and she is a 2nd grade teacher in Ames. Nick will be entering his junior year atNotre Dame majoring in pre-med and Spanish. We just dropped him off at O'Hare for a summer long research project in Spain. All is good for the Nissen clan.

#### Novak, Tom (Deb)

Business:

Klinger Constructors, LLC PO Box 90850 Albuquerque, NM 87113 505-856-8209 tomn@klingerllc.com

Home:

313 Quebrada Ln NE Albuquerque, NM 87113 tmalbq@comcast.net 505-345-0835

Children: Ben (27), Keith (26), Nolan (20)

I continue to get some great projects but wish there were more of them. Workload is uneven at both our New Mexico and Arizona offices.

As is well on the home front as all boys are doing well. Youngest son Nolan is part of back to back National Championships with men's gymnastics at the University of Michigan.

#### Palmer, Neal (Luann)

Business:

JE Dunn Construction Co. 1001 Locust St. Kansas City, MO 64106 816-426-8100 neal.palmer@jedunn.com

Home:

2600 N. 131st St. Kansas City, KS 66109 913-721-5459 neal.palmer@sbcglobal.net

Children: Heather (28), Michelle (27), Kevin (22), Travis (20)

29th year at JE Dunn, Sr. VP now as Midwest region operations officer after 24+ years in healthcare. Luann will celebrate 30 years putting up with me in July, soon followed by son Kevin's wedding in August, so we will have a 3rd daughter with Kendra joining the family. Work is busy, we stretch from North Dakota to Oklahoma and follow several clients coast to coast in conjunction with other offices. Hopefully the doldrums are over and we can all migrate to better economic times. War on talent is escalating so any leads on good experienced staff are appreciated. Have been involved with the Mary Greeley Medical Center expansion for some time now and enjoy the jaunts back to the crucible of Ames — it is a great addition for this community. Our ISU ConE grads continue to excel and make great PM's and Superintendents for us. As always: Beat Iowa!

## Schebler, Jeffery T. (Deborah A. (Overmann) Schebler 1983 ISU Mech. Eng.)

Business:

TSF Structures, Inc. 5060 Fourth Street SE Cedar Rapids, IA 52404 319-365-7133 jschebler@tsf-structures.com

Home:

3129 Thorncrest Lane NE Solon, IA 52333-9355 319-361-7924 (cell) jschebler@tsf-structures.com

Children: Michelle L., Scott A.

#### Seibert, Tim (Cindy)

Business:

Carl A. Nelson & Co. 1815 Des Moines Avenue Burlington, IA 52601 319-754-8415 tseibert@carlanelsonco.com

Home:

132 Golf Lane Burlington, IA 52601 319-754-4232

In my 20th year at Carl A. Nelson. Still having fun in a rewarding industry.

#### Soteropulos, Gust (Rita)

Business:

Webcor Builders 550 S Hope St Suite 2100 Los Angeles, CA 90071 213-239-2800 gust@webcor.com

Home

4134 Via Picaposte Palos Verdes Estates, CA 90275

#### Stewart, Jeffrey

Project Management 23704 W 54th Terrace Shawnee, KS 66226 jeffreysan11@gmail.com

Project Management for corporate real estate portfolio.

#### **BS 1982**

#### Bosshart, Steve (Jill)

Business:

Western Summit Constructors, Inc. 9780 Mt. Pyramid Ct., Suite 100 Englewood, CO 80112 303-298-9500 steve.bosshart@westernsummit.com

Ноте:

311 Pierce St. Lakewood, CO 80226 303-238-4688 stevejillbosshart@msn.com

Children: Caitlin (25), Tyler (22)

Steve has been at Western Summit for 31 years. He is a Construction Manager overseeing 3 projects in Colorado. Jill is a Senior Designer for Associates III, an Interior Design Firm.

#### Conley, Dan (Barbara)

Business: Skanska USA Building Inc. 4102 Macon Pond Road Raleigh, NC 27607 757-865-7135 dan.conley@skanska.com

Home:

202 Treis Trail Yorktown, VA 23693 919-571-6201 dan.conley@skanska.com

After spending 2 years in New Orleans working on the University Medical Center Project for the State of Louisiana, I'm back closer to home. I'm currently stationed in Raleigh, NC handling the mechanical, electrical, plumbing, fire protection and prefabrication for the North Carolina Heart & Vascular Hospital for Rex Healthcare. This project will finish in early 2017. At that time I'll make the decision to keep working or retire. I've been considering buying a smoothie franchise, but that's not a final yet.

#### Crosser, Scott (Pam)

Business:

Cedar Valley Corp., LLC 2637 Wagner Road Waterloo, IA 50703 319-235-9537 scottc@cedarvalleycorp.com

Home:

1223 6th Ave NE Independence, IA 50644 319-290-5607 cy45@indytel.com

Children: Jacob, Jason

Estimator for Cedar Valley Corp., LLC.

Dumdei, Vicki, Retired

18 Old Farm Rd. Mason City, IA 50401 641-424-5573 vdumdei@mchsi.com

Children: Aaron (41), Christopher (40), Nathan (34)

I retired from the Iowa DOT last summer after working there almost 30 years. It was a wonderful career. I spent the last 13 years as District Engineer for NE Iowa. I have been traveling a great deal visiting my children and grandchildren in California, Arizona and Denmark.

#### Ehm, Jeff (Cindi)

Business:

Corval Group 1633 Eustis Street St. Paul, MN 55108 651-605-2436 jehm@vorvalgroup.com

Home:

3685 Urbandale Lane Plymouth, MN 55446 jeff-ehm@comcast.net

#### Gatto, David

Business:

Ames Construction, Inc. 2000 Ames Drive Burnsville, MN 55306 952-435-7106

Home:

9631 Foxford Road Chanhassen, MN 55317 dgatzby1@aol.com

I have the responsibility for developing additional work opportunities for Ames Construction, Inc. I assist all members of the organization across regional boundaries to accomplish Business Development in the Power, Alternative Energy, Oil or Industrial sectors using Ames' past diversified experience and reputation as leverage. As work is delivered, I coordinate with the Clients and Project Team in the role of Project Sponsor to assure delivery in accordance with the Ames Construction reputation for delivering quality projects in a safe manner and on time. Additionally, I provide direction and technical consultation on unique and new opportunities to our project teams.

#### Hawn, David (Carol)

Business:

Dedicated Roof and Hydro-Solutions, LLC 6500 Harvest Mill Court Centreville, VA 20121 703-266-6638 drhawn@drhroofsolutions.com

Home:

703-266-6872 6500 Harvest Mill Court Centreville, VA 20121 drhaw@verizon.net

All is well. We are busy. A hard winter followed by a very wet spring is good for business. Hope you all have a great year!

#### Hovenga, Tony (Terri)

Business:

Katelman Steel Fabrication, Inc. 2030 2nd Ave. Council Bluffs, IA 51501 712-323-3131 thovenga@katelman.com

Home:

23383 Sunshine Lane Council Bluffs, IA 51503 712-256-1716 thovenga@katelman.com

Children: Danielle (29), Mickaela (21), Andrew (19)

#### Johnson, William "Craig" (Gail Lynn)

Business:

R.G. Anderson Company, Inc. 1801 W. 2nd Ave., Suite 1800 Nashville, TN 37203 615-329-1789

wjohnson@rgandersoncompany.com

Home:

5204 Shaw Court Brentwood, TN 37027 615-491-5050

Child: Jordyne (19)

William "Craig" Johnson co-founded and serves as president of the R.G. Anderson Company, Inc., a full-service, commercial general contracting and construction management firm located in Nashville, Tennessee. He is married to his wife Gail. Their daughter Jordyne attends Georgetown University, in Washington, D.C.

Craig continues to faithfully support Iowa State University and Cyclone athletics.

#### Kramer, Mark (Jenny)

Business:

Thomas Nelson Community College Director of Utilities 99 Thomas Nelson Drive Hampton, VA 23666 757-825-2814 kramerm@tncc.edu

Home:

4 Ruth Drive Poquoson, VA 23662 757-825-2814 kramerm@tncc.edu

Children: Ben, Jon, Sam, Abi, Nic, Joy

Jenny and the kids are all doing very well in Virginia. I spend most of my work days at the college overseeing; maintenance, repairs, designs, construction, grounds, receiving, mail, etc. for 17,500+ students, faculty and staff.

#### Lindhart, Chris (Carol)

Business:

The Beck Group 1807 Ross Avenue, Suite 500 Dallas, TX 75201 214-303-6205 chrislindhart@beckgroup.com

Home:

4241 Allencrest Ln Dallas, TX 75244 972-385-1235 chris.lindhart@gmail.com

Children: Jennifer, Rachel

I enjoy serving on the Industry Advisory Council for the ConE program.

#### Mattison, Todd (Sue)

Business:

Northeast Wisconsin Technical College 2740 W. Mason St. Green Bay, WI 54301 todd.mattison@nwtc.edu

Home:

617 South Quincy St. Green Bay, WI 54301 920-639-3599 todd.mattison@new.rr.com

Children: Sarah (24), Leah (21)

#### Morris, Michael (Jeri)

Business:

SAPL (Parsons Saudi Arabia Ltd) PO Box 30167 Madinat Al-Sinaiyah 41912, Saudi Arabia 053-260-7784 morris@rcyanbu.gov.sa

Home:

3014 Longfellow Blvd. St. Louis, MO 63104 314-954-1401 arktkaia@sbcglobal.net

Just completed my first year here by the Red Sea. We're trying to build a 20-story landmark office tower, which will be the tallest building in the region. Whatever you know about construction in the States needs to be re-thought here... means, methods, and schedule are a whole different ball of wax. But it is most definitely an adventure and learning experience. The contractor is Chinese, the owner is Saudi, and there are plenty of other nationalities in the game. To make things even more interesting, we are attempting to get a LEED certification for this project. If all goes well, we'll be starting the Civic Center across the street next spring. Sadly, I'm not picking up Arabic or Chinese very well.

#### Shuba, Mike (Judy)

Business:

PowerLine Services, Inc. 400 Las Colinas Blvd., Suite 800 Irving, TX 75039 214-708-0505 mshuba@powerlinesinc.com

Home:

800 Lake Carolyn Parkway #417 Irving, TX 75039 214-708-0505 mshuba@powerlinesinc.com Children: Matt (30), Megan (29)

During the past year Mike has changed companies and moved to Texas. He is the President of PowerLine Services, a high voltage contractor operating in the southwest and southeast regions of the U.S. PowerLine Services is a subsidiary of PLH, also headquartered in Texas.

2013 was a very challenging and exciting year. 2014 looking to be the same with transmission line and substation construction leading the way.

Mike and Judy are "empty nesters" and are now enjoying the north Texas life style. Matt is a Captain in the Army, stationed in North Carolina and has just got engaged. Looks like a wedding in the near future, all depending on the schedule of the U.S. Army. Megan works in the cosmetic/fashion industry and is also a yoga instructor living in the Napa Valley area.

#### Wilbur, Eric (Mary)

Business:

Wilbur Consulting 19810 Brandywine Cove Garden Ridge, TX 78266 210-573-1947 ewilbur@wilburconsulting.net

Home:

19810 Brandywine Cove Garden Ridge, TX 78266 210-507-7035 ejwengineer@aol.com

Children: Melissa, Rob, Amanda, Zachary

I started my own company this year providing consulting services to the construction industry in the areas of Program/ Project Management, Risk/Contract Management, and Strategy/ Business Development. I am currently working within the bonding sector of our industry on several projects as the result of contractor default. As a consultant to the bonding companies, I am negotiating take-over agreements with clients and ratification agreements with subcontractors/suppliers; analyzing/negotiating claims; and providing program/project management services. My ConE education at Iowa State and experience with two General Contractors plus the Air Force has prepared me well for delivering professional consulting services to the construction industry. Go CYCLONES!!

#### **BS 1983**

Greco, Jim

1028 Kennebec Lane Naperville, IL 60563 630-699-0242 jimgreco26@gmail.com

#### Johnson, Brent B.

Business:

Ringland-Johnson Construction 1725 Huntwood Drive Cherry Valley, IL 61016

Home:

3828 Spring Creek Rd. Rockford, IL 61107 815-332-8620 bjohnson@ringland.com

Children: Michael (18), Logan (14)

#### Sipes, Jamie (Lucy)

Business:

NordicPCL Construction jksipes@pci.com

Home:

415 South Street #2801 Honolulu, HI 96813

Following the successful completion of the Green Build at San Diego International Airport, we have moved back to Hawaii. Jamie decided to take on one last project as Project Director on a 43 story high-rise condo in Honolulu. Once it is complete we will retire on Maui.

#### Welder, Larry (Karen)

Business:

Granite Financial Solutions, LLC 5959 Village View Dr., Ste. 200 West Des Moines, IA 50266 lwelder@granitefinancialsolutions.com

Home:

15390 Bayberry Ave. Ventura, IA 50482 515-490-2628

Larry and Karen are enjoying their 7th year as Owners of Granite Financial Solutions, a financial planning and consulting firm. They opened their 2nd office in Augusta, GA in 2009 and just opened a 3rd office in San Antonio, TX in 2013. In addition to working with civilians, they have proudly developed a niche market working with military medical professionals and currently have clients in 22 states and 3 foreign countries. Larry and Karen enjoy traveling to see clients and recently have visited South Korea, Wales and fortunately many trips to Hawaii. Traveling for pleasure, they have toured Hungary, Jamaica, Mexico and most recently a Caribbean cruise. Their homes in Augusta and San Antonio are great winter locations, but summers at their lake home in Clear Lake, IA can't be beat. Larry misses the construction arena at times, but following their motto, Sound Advice-Solid Solutions, he really enjoys working with his many clients and financial representatives in helping them plan for their futures. Most importantly, Larry and Karen especially enjoy time spent with their 3 grandchildren and of course their children and children's spouses.

#### **BS 1984**

#### Graeve, Douglas (Kim ISU 1984)

Business:

Garney Construction Co. 7911 Shaffer Parkway Littleton, CO 80127 303-791-3600 dgraeve@garney.com

Home:

3359 W 112th Circle Westminster, CO 80031 303-596-3894 dgraeve@garney.com

Children: Amanda (27), Joshua (24)

I continue to work for Garney Construction here in our Colorado office. Kim continues to provide daycare for several families. Kim and I are having a blast being grandparents and spoiling our grandson Kipton.

#### Kaufman, Michael

Business:

Peak Construction Corporation 1011 E Touhy Ave, Suite 100 Des Plaines, IL 60018 630-737-1500 mkaufman@peakconstruction.com

Home:

89 Waxwing Ave Naperville, IL 60565 630-853-8194 mickauf@earthlink.net

As Vice President of Sales and Marketing with Peak Construction Corporation for the past three years, Mike is responsible for generating new business as well as increasing market awareness for the mid-sized design-build general construction firm located within the Chicago metropolitan area. In 2012 and 2013, Peak was named General Contractor of the Year by the Chicago Chapter of NAIOP.

#### Laurenzo, Brian (Patty)

Business:

Brick Gentry P.C. 6701 Westown Parkway, Suite 100 West Des Moines, IA 50266 brian.lauren20@brickgentrylaw.com

Ноте:

5508 Garrison Court Johnston, IA 50131 515-490-9361

Children: Scott (22), Claire (19), Christopher (16)

Brian continues his practice as a registered patent attorney. He heads the intellectual property law practice group at Brick Gentry, P.C., a full service law firm of 30 attorneys. His engineering background has been a valuable asset for everything from understanding drawings and technology to his analytical problem-solving

approach to client projects and disputes. Brian also continues to be heavily involved in the greater Des Moines area regional government having served previously as the mayor of Johnston and currently as chair of the surface transportation program committee for the metropolitan planning organization of greater Des Moines, which prioritizes major road projects for the region.

#### Maddy, Joe

RJM Construction 701 Washington Avenue North, Suite 600 Minneapolis, MN 66401 952-837-7611

Chief Operating Officer at RJM Construction. Many ISU ConE grads on the team, but always looking for more!

#### **BS 1985**

#### Bussard, Kevin (Bonnie)

Business:

West Coast Environmental 3181 Fitzgerald Road Rancho Cordova, CA 95742 916-852-7200 kevinwce@att.net

Home:

9341 Golden Gave Ave Orangevale, CA 95662 916-852-7200 kevinwce@att.net

Children: Ashley (15), Haley (12)

Still in the Asbestos/Lead/Mold Abatement business here in Northern California. Still in contact on a regular basis with fellow ConE grads Joel Seaton, Tyler Nagle, Marty Hoffey and Ken Bonus.

#### Carsky, Joe (Madeleine)

Business:

ECCO III Enterprises 201 Saw Mill River Rd. Yonkers, NY 10701 jcarsky@eccoiii.com

Home:

353 Westchester Avenue Yonkers, NY 10707 914-771-9295 mjcarsky@verizon.net

Children: Kate (20), Bridget (17)

#### Kieffer, Paul (Carol)

Business:

Ryan Companies US, Inc. 50 South Tenth Street, Suite 300 Minneapolis, MN 55403-2012 612-492-4303 paul.kieffer@ryancompanies.com

Home:

17420 34th Ave. North Plymouth, MN 55447 612-360-3303

Children: Marc (30) (wife Ann and sons Noah (3) and Jameson (1)), Dan (20), Nate (18)

The construction market appears to be strengthening in Minnesota, and particularly the Twin Cities area, as Ryan Companies has a number of large projects starting or underway. Over the past year, Paul was promoted to Vice President of Preconstruction Services, and has been extremely busy initiating and overseeing large project planning and start-up. Carol continues working full-time at West Lutheran High School as their Guided Study Hall Teacher. Marc (30) continues employment at CliftonLarsonAllen, providing accounting and financial coaching services for start-up businesses, and wife Ann continues as a Triage Nurse at Fairview Health Services. Any spare time is typically spent parenting our 2 grandsons. Dan (20) has completed his second year of Biomedical Engineering at U of MN and is working as a research assistant over the summer. Nate (18) made it through his senior year of high school and will be attending the U of MN this fall to study Mechanical Engineering.

#### Smith, Steven (Joni)

Business:

Renewable Energy Group 416 S Bell Ave Ames, IA 50010 515-239-8086 steve.smith@regi.com

Home:

16546 Creekside Cir Clive, IA 50325 515-865-2754 stevesmith16546@gmail.com

Children: Taylor (21) ISU Junior, Andrew (18) ISU Freshman

Lovin' Iowa. Soon to have both sons at ISU. Hard to believe we'll by empty nesters in the fall.

#### **BS 1986**

Cahill, Dan (Liz)

Cahill Project Mgmt Services, Inc. Denver, CO 773-472-2129 dc@cahillpmservicesinc.com

No kids, just two dogs

In January 2014, we moved from Chicago to Denver. We truly enjoyed living in Chicago, but we were finished with the "arctic" winter weather.

#### Flemming, Joseph (Kim)

Business:

Bradbury Stamm Construction 7110 2nd St. NW Albuquerque, NM 87107 505-765-1200

Home:

7212 Eagle View Ave NE Albuquerque, NM 87113 505-681-4300 renojoef@yahoo.com

Keeping busy at work as VP of Preconstruction and spending as much time as possible with my new grandson, Dylon.

#### **BS 1987**

#### Bokaie, Nader Antonio (Donna Ann)

Business:

Kellogg Brown & Root PO Box 2048 Beaumont, TX 77704 tony.bokaie@kbr.com

Home:

8000 Ravencliff Dr. McKinney, TX 75070 214-585-0505 tbokaie59@aol.com

Children: Antonio, Sierra

Program Area Delivery Manager for this ambitious \$32 US billion scheme that will transform the way people and places are connected across this country. The Qatar Expressway is currently the world's largest Transportation Program with over 900km of roads and 240 intersections and interchanges. The Expressway Programme will deliver a functional, fast and fully integrated road network that will efficiently link Qatar: east to west, and north to south. It will provide a strategic freight route around Doha that connects ports, provides easy access to the New Doha International Airport, and will allow for future integration with other transport networks. The EXW Programme also includes new and upgraded freeways, expressways and arterial roads, a new orbital highway and truck route, and substantial upgrade of existing routes within Doha's boundaries. The Expressway will provide a National Roads Network capable of sustaining the future development and expansion of a world class infrastructure within Qatar.

#### Nelson, Steve (Stephanie)

Business: Strategy Builders 542 15th Street San Diego, CA 92120 619-303-6260 nelson@strategy-builders.com Home:

6549 Linda Lane San Diego, CA 92120

619-464-1000

nelson@strategy-builders.com

Children: Spencer (12), Austin (11)

Largest project in 2013/2014 was a \$26M apartment building at San Diego State University. The project included 287 units and 384 beds on the edge of campus. We were the developer and general contractor of the private project.

#### **BS 1988**

#### Howard, David

**Business:** 

Koss Construction Company 5830 SW Drury Lane Topeka, KS 66604 785-228-2928 dmh@kossconstruction.com

Home:

5104 Cody Ct Lawrence, KS 66049 785-859-2799 dmh@kossconstruction.com

Children: Lindsey (19), Matt (14), Nick (14)

#### Johnston, Brent

Business:

Turnbull Wahlert Construction 5533 Fair Lane Cincinnati, OH 45227 513-310-5143 bjohnston@turnpop.com

Home:

4111 Wenbrook Drive Cincinnati, OH 45241 513-769-8255 cyhawk@fuse.net

Children: Benjamin (9), Catherine (5)

Project superintendent for project performed at GE Aviation.

#### Ruggles, David (Kathleen)

Business:

Zieson Construction Co 996 Missouri Ave No. 3 St. Robert, MO 65584 573-336-0160 david.ruggles@zieson.com

Home:

8795 Orchard Road Grovespring, MO 65662 417-531-0542

kdruggles@centurytel.net

Children: Jackalyn (32), John (28)

Hope everyone is doing well. I'm working on trying to stop working and slide into retirement. I'd like for my wife and I to tend to our black angus cattle ranch and then leave the construction business behind. I still have a few years to go. Zieson is looking for graduates or interns so feel free to contact me.

#### Rumpf, Brian (Lori)

Business:

CORE Construction 866 N. Main St. Morton, IL 61550 309-266-9768

brianrumpf@coreconstruction.com

Home:

6706 N. Mt. Hawley Rd. Peoria, IL 61614 309-685-8853

brianrumpf@coreconstruction.com

Children: Maxwell (15), Molly (15)

#### **BS 1989**

#### Berry, Todd (Pamela Peters)

Business:

The Beck Group 1001 17th Street, Suite PL100 Denver, CO 80202 720-215-3232 toddberry@beckgroup.com

Ноте:

2325 Akron Street Denver, CO 80238 303-419-4998 todd.berry04@gmail.com

Children: Auburn (11), Siena (8)

Todd is the Operations Manager for the Denver office of The Beck Group.

#### Culp, Dan (Lori)

Business:

Carl A. Nelson & Co. 1815 Des Moines Avenue Burlington, IA 52601 319-754-8415 dculp@carlanelsonco.com

Home:

2123 Avenue H Ft. Madison, IA 52627 319-754-8415 danlculp@gmail.com

Children: Josh (25), Megan (22)

#### Welker, Kurt (Judy)

Welker Custom Homes, Inc. 3750 9th St. NW

507-444-0409 Owatonna, MN 55060 kurt@welkerhomes.com 612-859-3923 (home)

Children: Morgan (14), Leah (10)

Work continues to go well, as people are seeing signs of improvement in the economy. They are starting to spend a little, and that is keeping us busy.

Our daughters keep us running with gymnastics, track, basketball, volleyball and violin. Morgan's 8th grade orchestra earned a spot to play in a concert Orchestra Hall in Minneapolis this spring. They were really excited about that. Leah also plays the violin and does quite well for her first year.

We spend most of our weekends in the summer in Okoboji. The girls just cannot get enough of the water.

#### **BS 1990**

#### Baughman, Mark (Nici)

**Business:** 

Mortenson Construction 10230 NE Points Drive, Suite 300 Kirkland, WA 98033 425-497-7001 mark.baughman@mortenson.com

Home:

1811 221st Pl NE Sammamish, WA 98074 206-778-8964 markbaughman13@gmail.com

Children: Olivia (14), Greg (11)

Mark continues in the role of Construction Executive for the Seattle office of Mortenson, now going on 17 years in Seattle and 24 years at Mortenson. Nici (BSElemEd 1992) is a 3rd grade teacher at a nearby school. In the fall Olivia (14) will be starting high school and Greg (11) will be starting middle school. Hard to believe for all of us.

Even after almost two and a half decades we still look fondly at our years at Iowa State, and even get the chance to drive through the ever-changing campus every couple of years. We also remember warmly our friend, fellow ConE alum, and Mortenson Team Member Dave Burke, who passed away in the summer of 2011.

Best wishes to all the ConE grads out there making a difference every day. Go Cyclones!

#### Busch, Richard

Business: US Army Corps of Engineers 5301 NW 78th Avenue Saylorville Lake Johnston, IA 50131 309-948-4622

richard.m.busch@usace.army.mil

Home:

PO Box 129 428 Anderson Street Jewell, IA 50130 515-203-2034 buschk@netins.net

Children: Kenzie (16), Karlie (13), Austin (10)

I have had several opportunities throughout the years since my time at ISU. I have returned to the U.S. Army Corps of Engineers in May of 2009 at Saylorville Lake, in Johnston, IA as an Area Engineer. My current position is definitely a challenge but very rewarding.

I am blessed to have 3 wonderful children. They grow up too fast. All three are very active and bring joy to my life. Our family would like to wish the very best to all of our ConE alumni!

#### Moltz, Eric (Michelle)

Business:

Moltz Construction, Inc. PO Box 729 Salida, CO 81201 719-539-7319 eric@moltzconstruction.com

Home:

PO Box 322 Salida, CO 81201

Children: Kaitlyn (16), Ryan (14)

#### Snethen, P. Bryon

Business:

EMC Insurance Companies 717 Mulberry St Des Moines, IA 50309 515-345-2480 bryon.snethen@emcins.com

Home:

360 Georgetown Pl Norwalk, IA 50211 515-360-3493 bsnethen1@msn.com

#### **BS 1991**

#### Desai, Prashant (Komal Desai)

Business:

Desai Builders Inc. 801 N. Parkcenter Dr., Suite 120 Santa Ana, CA 92705 714-560-0071 peter@desaibuildersinc.com Home: 35 Enchanted Irvine, CA 92620 949-784-4800 peterdesai 2009@gma

peterdesai2009@gmail.com

Children: Suraj Desai (19), Ankith Desai (13)

We started Desai Builders Inc. (a GC) in 2013! We also invested in some new development opportunities. We moved from home to office space. We have been busy doing a lot of small GC projects. It seems very promising looking ahead. Let's hope the economy holds up!

It has been a whirlwind year with the family. Suraj started as a freshman at Iowa State as a Computer Engineer. Komal missed him a lot. She visited ISU 5 times within 1 year to see her baby. She visited with our 13 year old, and now I am feeling that he is also ready to start at ISU. Suraj had a typical first year.

Other than that nothing much! Hoping to have a couple of vacations with the kids while they still want to go with us.

#### Francois, Paul (Teresa (Donlea) - ISU Math '90)

Business:

Pepper Construction Co. of Ohio 495 Metro Place South, Suite 350 Dublin, OH 43017 614-793-4477 pfrancois@pepperconstruction.com

Home:

8151 Buttleston Drive Dublin, OH 43016 614-798-8433 pgfcyclone@gmail.com

Children: Kayla (22), Alex (19), Emma (18), Will (15)

We are busy as ever — both at home and at work. Our third child (Emma) is off to college this fall. She will be attending the University of Dayton. So, still two in college – as our oldest (Kayla) just graduated from the University of Kentucky and is getting ready to enter the working world. Alex will be entering his junior year in the Construction Management program at Ohio State, leaving the youngest (Will) at home going into his sophomore year of high school. Will and I attended the Big 12 tournament in KC in March and celebrated a conference tournament championship! Teresa enjoys teaching in the Dublin Middle School and gets the summers off (jealous!). If you are in Buckeye country, please call so we can spend time with Cyclones — we miss that!

#### McDermott, Mark (Jamie)

Business:

Black & Veatch International 15th Floor SK Tower No 6 Jia, Jinwai Avenue 66211 Chaylong District Beijing, China +86.139.1017.0035 mcdermottma@by.com Home:

11401 Lamar Overland Park, KS 66211 913-458-8135

Children: Ryan Patrick (13), Jamies "Riley" (12), Ireland Elizabeth (10)

Have now completed our second year in China, after 4 years in Thailand and previously 4 years in Indonesia in the 90's. Will probably stay a couple more years!

#### Postma, Gene (Sue)

Business:

APi Group, Inc. 7020 S. Tucson Way Centennial, CO 80112 303-790-3812 gene.postma@apigroupinc.us

Home

13086 Whisper Canyon Rd. Castle Pines, CO 80108 720-344-2782

Children: Steven (30), Adam (24), Emily (18)

Another year of change. As of January 1st, 2014 I started another phase in my career at APi as COO. APi is the 5th largest specialty subcontractor as ranked by ENR. We will finish 2014 with over \$2.2 billion in revenue almost all of it self performed. APi has over 180 offices in North America and is focused on Life, Safety, Energy and Specialty construction (steel fab, mechanical, industrial...).

Sue and I also become empty nesters this year as our youngest heads off to Seattle U to play soccer.

I'd love to hear from other ConE's if you're ever in the Denver area.

#### Reser, Kurt (Jeanne)

Business:

Boldt Construction 2525 N. Roemer Road Appleton, WI 54912 920-225-7233 kurt.reser@boldt.com

Home:

3103 Whitetail Lane Ames, IA 50014 402-680-8338 kurt.reser@gmail.com

#### Warren, Jason (Beth)

Business:

Midamerican Energy 1630 Lower Muscatine Rd Iowa City, IA 52240 319-341-4425 jlwarren@midamerican.com

Home:

3730 Lacina Dr. SW Iowa City, IA 52240 319-338-7294

Children: Christian (16), Jonah (13), Kellen (10), Quinn (8)

#### **BS 1992**

#### Anderson, Chuck

Business:

Northern Star Metal Buildings, LLC 1200 Sumter Ave N Golden Valley, MN 55427 612-293-0625 chucka@northernstarmetalbuildings.com

Home:

612-234-2316

chester@isualum.com

A change of pace for me recently. I sold Crawford Merz Anderson at the beginning of the year and started another company to sell Pre-Engineered Metal Buildings (Star Buildings), working out of my home. I am also going to be doing some computer consulting on the side for one of the local Timberline (construction accounting software) providers.

#### Bezanis, Brian

Business:

Smithfield Construction Group 400 West Huron Chicago, IL 60654 bbezanis@smith-field.com

Home:

312-266-9800 200 Dierks Drive Western Springs, IL 60558 708-784-9805 bbezanis@gmail.com

#### DeGroot, David (Michelle)

Business:

Mortenson 111 E. College St. Iowa City, IA 52240 612-490-9722

david.degroot@mortenson.com

Home:

1762 Lake Shore Drive Iowa City, IA 52246 612-490-9722 herbathome@aol.com

Children: Katelynn (15), Isaac (8)

I've been working on constructing a new Hancher Auditorium for University of Iowa for the last year and a half. When it is completed it is going to be awesome!

I am now heading back to Ames to work on the renovation of Marston Hall. Doing a complete remodel inside an historic building is going to be very challenging, but it will look great and be much more functional afterwards.

#### **BS 1993**

#### Beier, Anthony (Tressa)

Business:

Malone Finkle Eckhardt & Collins 3333 E. Battlefield Rd. Springfield, MO 65804 417-881-0020 ABeier@mfec.com

Home:

3345 East Ave Springfield, MO 65803 417-881-0020 TNTBeier@gmail.com

Children: Michelle (24), Andrew (18)

This will be the year that Tony and Tressa become grandparents and empty-nesters. Michelle is now married and she and her husband Mike are expecting their first child. Andrew has graduated from high school and will start classes at Drake in the fall.

Tressa's Tupperware business is going strong, and Tony still works at MFEC. Tony is currently involved in several FEMA shelter projects in Joplin, MO, as well as prototypical design work for Walgreens stores.

#### Cunz, Heather (Derek)

17880 63rd Ave. N. Maple Grove, MN 55311 763-657-0932 cunz@comcast.net

Children: Ella (12), Jensen (11)

We are still enjoying Minnesota even after last winter! Keeping busy with the girls activities and managing subcontractors for our neighborhood association. Just returned from a month in Europe and tried to photograph famous monuments without scaffolding in the pictures.

#### Quinn, Kelli

Business: Rudolph and Sletten, Inc. 1600 Seaport Blvd, Suite #350 Redwood City, CA 94063 415-297-0528 kquinn@rsconst.com Home:

117 Muller Place San Jose, CA 95126 415-297-0528 kelliq70@gmail.com

### Van Es, Jeff (Kari)

Business:

GE Johnson Construction Co. 5613 DTC Parkway, Suite 450 Greenwood Village, CO 80111 303-221-1249 vanesj@gejohnson.com

Home:

17101 W. 64th Drive Arvada, CO 80007 jvanes802@gmail.com

Child: Sydney (13)

Last year I made the move to GE Johnson Construction Company. It was a good decision.

### **BS 1994**

### Ahrenholtz, Chris (Charlotte)

**Business:** 

Northern Natural Gas 1111 S 103rd St Omaha, NE 68135 402-398-7652 chris.ahrenholtz@nngco.com

Home:

4216 S 174th Ave Omaha, NE 68124 402-884-6017 ahrenholtz@gmail.com

Children: Emma (13), Cade (10)

### Becker, Tim (Elizabeth)

Business:

Kiewit Corporation 3555 Farnham St Omaha, NE 68131 913-602-4606 timothy.becker@kiewit.com

Ноте:

303 North Chestnut Street Glenwood, IA 51534 913-602-4606 timothycbecker@gmail.com

Children: Lillian (12), Madeline (10)

On the family front, we are all busy with different activities — soccer, community theatre and community boards. We are nearing completion of the remodel of our 1870's home. This

project has experienced all the normal project management traps – unforeseen change orders, delayed material deliveries, exceeded budgets, failed trade coordination and owner-driven changes.

Tim's work with Kiewit continues to be interesting and rewarding. He has finished a temporary assignment with Kiewit Energy Group in Lenexa and is now working full-time for Kiewit University (Jim Rowings) out of Omaha.

#### Mostaert, Trent (Christine)

Business:

Mortenson Construction 700 Meadow Lane North Minneapolis, MN 55410 602-463-9241 trent.mostaert@mortenson.com

Home:

5051 Gladstone Ave Minneapolis, MN 55419 602-463-9241 ctmostaert@gmail.com

Christine and I are enjoying our move to Minneapolis — Spring and Summers are great for visiting the Minnesota Lakes. Our winter trips to Cabo make the winter a bit less daunting. We are both enjoying our time at Mortenson — Christine gets to work on all the fun Sports Projects – the Vikings Stadium and Buffalo Sabres projects occupy much of her time. I've been busy growing our Solar business— our largest project is in California (Solar Star) – it occupies roughly 4,000 acres and will generate 600 Megawatts of power. When it is finished, it will be the largest solar plant in the world. Hope all is well with you!

### Turczynski, Scott

Business:

Heartland Finishes, Inc. 1305 East Broadway Ave Des Moines, IA 50313 515-244-8900 scottT@heartlandfinishes.com

Home:

11925 NE 64th St Elkhart, IA 50073 515-202-8984

Children: Luke (14), Max (9), Ruth (7)

### **BS 1995**

### Brcka, Kent (Holly)

Business:
Henkel Construction Co.
208 East State St.
Mason City, IA 50401
641-423-5674

kent@henkelconstruction.com

Home:

20208 Killdeer Avenue Mason City, IA 50401

Children: Olivia (10), Alex (9), Nick (9)

#### Ernst, Mike

Ryan Companies 50 South Tenth Street, Suite 300 Minneapolis, MN 55403 612-492-4256 mike.ernst@ryancompanies.com

### Kehrt, Chad (Roxanne)

Business:

Olsson Associates 1707 Dakota Avenue S. Sioux City, NE 68776 402-494-3059 ckehrt@olssonassociates.com

Home:

121 Golden Drive Sergeant Bluff, IA 51054 712-943-2637 ckehrt@longlines.com

### Melton, Tom (Julie (Dodge) Melton (ISU 1996 Marketing

Business:

JE Dunn Construction 2000 W. University Tempe, AZ 85281 602-463-1245 tom.melton@jedunn.com

Home:

2133 E. Coconino Place Chandler, AZ 85249

Children: Cole (14), Kennedy (10), Gage (7)

I have been with JE Dunn for almost 20 years. My family and I have been in AZ for a few years and love it here! I am the Director of Field Operations for the Southwest Region.

### **BS 1996**

### Brumm, Richard (Jenni)

Business:

Worth County Secondary Roads 1000 Central Avenue Northwood, IA 50459 641-324-2154 richard.brumm@worthcounty.org

Home:

4823 Quartz Ave McIntire, IA 50455 641-710-9934

richnjen@myomnitel.com

Children: Paige (14), Collin (12), Kate (9), Griffin (5)

### Fetters (Stairs), Amy L. (Andrew)

Business:

GTG Construction 6505 Merle Hay Rd, Suite A Johnston, IA 50131 515-240-8629 amyf@gtgcompanies.com

Home:

2999 133rd Ct. Van Meter, IA 50261 515-981-5645 dmafetters@msn.com

Children: Emma Leigh (10), Evan James (4)

The past year and a half has brought a lot of change. In January 2013 after 17 years I left Weitz. I started with a 2010 start up Design Build firm. The owner is a licensed architect and structural engineer. This is a much smaller office as we have three full-time and one part-time office employees and eight field guys. In March 2014 I was able to implode the School of Nursing Building. It was a lot of fun planning and organizing this. I'm sure it's a once-in-a-lifetime experience.

Still enjoying Healthcare Construction along with office building construction. Take care and look forward to hearing from you.

### Kuehni, Rose Marie

Windsong Studio, LLC 1373 Ash Street Prescott, WI 54021 612-209-2925 rosemarie@windsong-studio.com (business) rosemarie747@hotmail.com

Child: Wyatt (9)

Professional involvements: teaching Con Mgmt. classes part-time at the University of Minnesota; working part-time as a Building Sciences Technologist with Braun Intertec, occasionally consulting as an independent construction manager, started a new business, Windsong Studio LLC, providing arts and celebrations consultation services (emphasis; weddings - I'm now an ordained minister and wedding officiant).

### Schnurr, Bryan

Business:
Life Care Services
400 Locust Street, Suite 820
Des Moines, IA 50309-2334
515-875-4557
schnurrbryan@lcsdevelopmentics.com

Home:

16852 Aurora Ct Clive, IA 50325

### Scranton, Kirsta

Business:

The University of Iowa 1 West Prentiss St 200 USB Iowa City, IA 52240 319-384-2178 kirsta-scranton@uiowa.edu

Home:

2629 1st St SW Cedar Rapids, IA 52404 319-400-9022 klscranton@gmail.com

### Wallis, Mike

Business:

Osman Construction Corp. 70 W. Seegers Rd. Arlington Heights, IL 60005 847-593-2700, Ext. 337 mike.wallis@osmanconstruction.com

Home:

1462 Deerfield Rd. Deerfield, IL 60015 847-502-5778 mikewallisadidas@yahoo.com

### Zerr, Stacy

Business:

The Waldinger Corporation 2601 Bell Avenue Des Moines, IA 50321 515-323-8740 stacy.zerr@waldinger.com

Home:

775 SE Willow Cir Waukee, IA 50263 515-327-2552 stacyzerr@gmail.com

### **MS 1996**

### Hartmann, Beth (Tim)

Business:

Iowa State University 450 Town Engineering Bldg Ames, IA 50011 515-294-8190 bethlin@iastate.edu

Home:

2227 Timberland Rd. Ames, IA 50014

515-509-3286

Children: Hannah (15), Nate (11)

I survived my tenth semester of teaching (barely)! After serving 20 years in the Navy's Civil Engineer Corps, I couldn't be happier with my second career. On the homefront, Tim and I will celebrate our 19th wedding anniversary in August. Hannah and Nate kept us busy this past year with their school activities. Hannah was in band, orchestra, choir, and drama club at Ames High School. Nate enjoyed band and orchestra at Ames Middle School. I am still chipping away at my Ph.D. I hope to have it done by summer 2016.

### **BS 1997**

### Binder, Tom (Kirsten)

Business:

International Contractors, Inc. 977 S. Route 83 Elmhurst, IL 60126 tbinder@iciinc.com

Home:

133 Hilltop Dr. Schaumburg, IL 60193 tbinder133@ameritech.net

Children: Faith (14), Zoe (11), Laura (9), Tess (9)

#### Hass, Michael (Laura)

Business:

The Weitz Company 1720 Centrepark Dr. E. West Palm Beach, FL 33401 michael.hass@weitz.com

Home.

10245 Hunt Club Ln Palm Beach Gardens, FL 33418 mandlhass@msn.com

Children: Samuel (11), Lillian (9), August (5)

### Heger, Tom (Julie)

Business:

JE Dunn Construction 1001 Locust Kansas City, MO 64106 816-426-8853 tom.heger@jedunn.com

Home:

13212 Carter St. Overland Park, KS 66213 816-309-8264 tom.heger@jedunn.com

Children: Jacob (10), Ashley (6)

Still enjoying KC and hanging out with the kiddos.

### Meints, Jamey (Katherine)

Business: Hensel Phelps 4437 Brookfield Corp Dr, Suite 207 Chantilly, VA 20151 703-828-3223 jmeints@henselphelps.com

Home:

7675 Royal Sydney Dr Gainesville, VA 20155 703-201-7203 jamey.meints@gmail.com

### Mortensen, Scott (Valerie)

Business:

University of Texas Health Center San Antonio 7703 Floyd Curl Drive San Antonio, TX 78229 mortensenS@uthscsa.edu

Home:

195 West Arrowhead Dr. San Antonio, TX 78228 210-436-0932 smorXsen@yahoo.com

I received my PE in Architectural Engineering which includes Mechanical/Plumbing, Electrical, Construction and Structural Engineering. I have my PE licenses in Iowa, Texas and Oklahoma. I am presently working for the University of Texas Health Science Center San Antonio as an Electrical Engineer doing electrical for the power design of new and renovation projects.

I suggest the ISU Construction Engineering Department have a degree with an electrical emphasis.

In my spare time I sing with the San Antonio Symphony Mastersingers. Some of you may have seen me performing the national anthem at the Spurs Games.

### **BS 1998**

### Babcock, Karmyn

Business:

The Weitz Company 5901 Thornton Avenue Des Moines, IA 50321 515-246-4700 karmyn.babcock@weitz.com

Home

460 NW 2nd Street Earlham, IA 50072 515-246-4700 karmyn.babcock@gmail.com

Child: Bryn (9)

I have transitioned into a new role (well, new to me) at Weitz, leading our Operational Excellence efforts while continuing oversight of technology. Weitz was acquired by a company headquartered out of Cairo, Egypt in 2012, providing many new and interesting opportunities.

My new focus will be on driving efficiencies in the delivery of construction services to raise safety, quality, and reduce schedule and cost through the sharing of ideas and innovation across the company.

I've enjoyed working with many of my former classmates over the years, and reconnecting via LinkedIn.

### DeCamp, Aaron (Kellie)

Business:

Nelson Construction 218 6th Ave, Suite 200 Des Moines, IA 50309 515-457-9000 adecamp@nelsonconstruct.com

Home:

2216 Hearthstone Cir SW Altoona, IA 50009 515-979-3314 a.r.decamp@gmail.com

Children: Conor (13), Landry (8)

### Layland, Chad (Teresa)

Business:

Baker Electric, Inc. 111 Jackson Ave. Des Moines, IA 50315 515-288-6774 clayland@bakerelectric.com

Home: Ankeny, IA

### Naughton, Luke

Business:

FIDUN Pty Ltd 101 Collins Street, Level 27 Melbourne, Victoria 3057 Australia 041-277-9391 lnaughton@fidun.com.au

Home

2/95 Nicholson St. E. Brunswick, Victoria 3057 Australia 041-277-9391 lucasnaughton@yahoo.com Still trying, with little success, to start up an Iowa State CCEE alumni chapter in Melbourne, Australia. Let me know if anyone out there is interested in watching ISU sports in my kitchen at odd hours of the day.

### Rich, Jamie

Business:

WRH, Inc.

1648 T Ave.

S. Amana, IA 52334

319-622-3816

jrich@wendlerinc.com

Home:

400 W. Lincoln Street Washington, IA 52353

319-521-4017

### Schmitz, Alisha

Business:

University of Iowa Iowa City, IA 52242 319-384-2227

alisha-schmitz@uiowa.edu

Home:

2030 North Ridge Dr. Coralville, IA 52317 410-533-3945

alisha\_schmitz@yahoo.co

### Streeter-Schaefer, Holly (Ken)

Business:
Polsinelli PC
900 W. 48th Place, Suite 900
Kansas City, MO 64112
816-421-3355
hschaefer@polsinelli.com

Ноте:

6932 Walmer St. Overland Park, KS 66204 913-261-9346

hschaefer22@gmail.com

Attending Drake University Law School after graduating from Iowa State University, I leverage my construction engineering education and experience with my legal background to evaluate and manage risk for construction industry participants. Having worked in-house for a large commercial construction company, I understand the business of construction and the needs of the industry participants.

I work at Polsinelli in its construction practice group assisting clients with risk management and claims, contract negotiations, and other legal and business issues.

My husband and I live in Overland Park, Kansas with our two golden retrievers. We are active members of the greater Kansas

City area community, and I am involved in organizations promoting women in construction (NAWIC and WCOE) and supporting, inspiring, and promoting women in their professional careers and personal lives as a board member of Central Exchange and board vice-chair for Central Exchange's WiSTEMM (Women in Science, Technology, Engineering, Math, and Medicine) committee.

### Thorius, Jacob (Erin)

Business:

Washington County 210 W Main Street, Suite 2 Washington, IA 52353 319-653-7731 thorius@co.washington.ia.us

Home:

2190 Waters Way Washington, IA 52353 jmthorius@yahoo.com

Children: Jordan, Jayse

### Wolff, Jon (Jackie)

Business:

Ryan Companies US, Inc. 50 South 10th Street, Suite 300 Minneapolis, MN 55403 612-492-4965 jon.wolff@ryancompanies.com

Ноте:

3867 Susan Lane Minnetonka, MN 55345 jonwolff@yahoo.com

Children: Ella (9), Ava (7), Joseph (5), Isabelle (2)

I'm back with Ryan Companies in the Twin Cities working on Senior Housing and Hospitality projects. Hope everyone from ISU ConE is doing well!

### **BS 1999**

#### Charlson, Kevin (Laurie)

Business:

I-Kota, Inc. 4640 Pecos St, Unit F Denver, CO 80211 303-883-6789 kevin@i-kota.com

Home:

16128 W Ellsworth Drive Golden, CO 80401 303-883-6789 charlesonk@yahoo.com

Children: Cael (7), Claire (5)

In our fifth year of operation, I-Kota, Inc. continues to grow toward the lofty goals we had set for ourselves from day 1. The experience of building a company from the ground up continues to be both exciting and challenging! But, we do also ensure that all of our employees have time to enjoy family and the Rocky Mountain lifestyle that brought us all together!

### Christiansen, Brandon (Amanda)

Business: Cretex 525 South 11th St West Des Moines, IA 50265 515-223-8761 bchristiansen@cretex.com

Home: 12416 Townsend Avenue Urbandale, IA 50323 515-331-4138

christiansen\_brandon@hotmail.com

### Earhart, Andrew (Kristina)

Business:
Beck
1807 Ross Ave, Suite 500
Dallas, TX 75201
214-303-6681
andrewearhart@beckgroup.com

Home: 10529 Whispering Pines Drive

Frisco, TX 75033

#### **Kock**, Travis

Business:
Build to Suit, Inc.
625 1st Avenue, Suite 201A
Coralville, IA 52241
319-512-2322
travisk@buildtosuitinc.com

Home: 2947 Diamond Mill Circle Coralville, IA 52241 563-254-9794 kocktravis@gmail.com

#### Loss, A. J. (Kris)

Business:
Bush Construction
5401 Victoria Ave
Davenport, IA 52807
563-344-3791
aj\_loss@bushconstruct.com

Home:

1439 Antler Ct. Bettendorf, IA 52722 563-359-0442

Children: Mason (11), Sammy (9), Lexi (4)

Kris and the kids continue to be as active as ever with soccer, baseball, football, basketball and dance. No, the boys are not in dance and Lexi is not in football.

Bush Construction continues to grow at an impressive rate, reaching 60 Bush Team members last year. We are keeping our pencils sharp enough to allow continued success on competitive bid work while developing relationships with clients, which allows much of our work to be negotiated.

We are always in the market for great people to add to the Bush Team.

### Nelson, Mike (Dana)

Business: Skanska 1999 Harrison Street, Suite 1950 Oakland, CA 94612 408-690-2234 mike.nelson@skanska.com

Home: 3780 Louis Road Palo Alto, CA 94303 408-690-2234 micnel@gmail.com

Children: Kate (6), Will (3)

### Spence, Jenny

Business:
Pepper Construction Company
411 Lake Zurich Road
Barrington, IL 60010
847-381-2760
jspence@papperconstruction.com

Home: 6526 Marble Lane Carpentersville, IL 60110 847-417-8626 jenny\_s75@yahoo.com

### **BS 2000**

### Callahan, Michael

Business:
Holland Partner Group
600 S. Cherry St., Suite 700
Denver, CO 80246
303-520-4452
mcallahan@hollandpartnergroup.com

Home:

11870 Swansea Dr. Parker, CO 80134 303-520-4452

Children: Damon (9), Isabella (7), Alyssa (5)

It has been an exciting two years with Holland Partner Group. I joined Holland as a Senior PM in July of 2012 and have been working on several of our high-rise apartment projects in the heart of Denver's Union Station redevelopment. The first project is a 21 story building that is scheduled to turn over at the end of this year.

### Edsall, Todd (Katie)

Business: Black & Veatch 11401 Lamar Avenue Overland Park, KS 66211 913-458-7711

Home:

edsalltl@bv.com

1 Ford Steet, Shrine Hill S. Royal Phines, Matina Davao City, Davao 8000 Philippines

Children: Delaney (9), Cormac (7), Declan (1)

I am not sure the last time that I filled out this form. I know it has been a number of years. We have now lived and worked outside of the United States for 8 consecutive years. We started our journey in Ireland, then Australia, then Thailand and now the Phillippines.

It has been a real pleasure working with a number of Iowa State ConE and Civil Engineers during my travels around the world. The world is a small place, and we have been blessed with many friends. My advice is that if you ever have the chance for a foreign assignment, take it. Go Cyclones!

### Ehmer, Judith (Jan)

Business:

Ernst & Young Real Estate GmbH Friedrichstr. 140 Berlin 10117, Germany judith.ehmer@de.ey.com

Home:

Pfeddersheimer Weg 50 Berlin 14129, Germany judith.ehmer@gmx.de

Children: Jella (6), Jannike (4), Joren (newborn)

#### Kaufman, Eric (Carrie)

17705 E Dorado Drive Centennial, CO 80015 720-841-5661 kauferic@yahoo.com

Children: Stella (7), Tate (5), Finn (5)

### Majeres, Todd (Jessi)

Business:

Des Moines Public Schools 1917 Dean Ave. Des Moines, IA 50316 todd.majeres@dmschools.org

Home

1400 S. 52nd St, Unit 31 West Des Moines, IA 50265 majerest@yahoo.com

Child: Alexandria (2 months)

### Papesh, Adam

Story Construction Co. 300 S. Bell Avenue Ames, IA 50010 515-817-2649 apapesh@storycon.com

### Schaefer, Ross (Mary)

Business:

Regis Contractors Bay Area L.P. 901 Mariners Island Blvd., 7th Floor San Mateo, CA 94404 650-377-5807 rschaefer@srgnc.com

Home:

859 Hanlon Way Benicia, CA 94510 707-748-1275 ross.schaefer@gmail.com

After a 3.5 year stint at Lawrence Berkeley National Laboratory, doing owner-side design and construction management on scientific facilities, DOE budget cuts came raging through the Lab and I found myself with the opportunity to re-enter the private sector. Now I'm back to managing large multi-family housing projects in Silicon Valley. The big accomplishment of the past year was the ENR cover story on the FLEXLAB building energy research facility that I managed at LBNL. One of the interesting elements of that program is a building that rotates 270 degrees on a railroad-like turntable. I figure an ENR cover story is a once-in-a-career occurrence. When we received extra credit in the introductory construction materials and methods class at ISU for reading the ENR legal column, I thought it would be neat to be on a project in the pages of ENR. Getting the cover story was quite a bonus for the team!

### White, Eric (Tracy)

Business:
Estes Construction
131 W. Second St., Suite 400
PO Box 3608
Davenport, IA 52808
563-322-7301
ewhite@estesconstruction.com

Home:

106 8th Street Durant, IA 52747 563-785-6728 ejwhite340@msn.com

Children: Jordin (6), Evan (4)

I'm a Senior Project Manager at the best regional construction firm located in Iowa and Illinois. There is continuous professional development using internal and external resources. We just launched our Project Engineer Pathway that sets up everyone for success from PE to Officer. I absolutely love my career at Estes Construction. There is an opportunity for upward mobility or mastering a skill set such as project management or preconstruction. The individual decides the career path. We are always looking for additional talent.

### Wolf, Nick (Beth)

Business:

McCarthy Improvement Co. 100 Hartsfield Centre Pkwy, Suite 140 Atlanta, GA 30354 563-528-1097 na\_wolf@mccarthy-improvement.com

Home:

79 Silverbell Ln Sharpsburg, GA 30277 563-528-1097 isuwolf@gmail.com

Children: Maegan (14), Abby (7), Ella (5), Lilly (4)

### **BS 2001**

### Eilers, Heather (Michael)

Business:

JE Dunn Construction 1001 Locust Kansas City, MO 64106 816-506-4495 heather.eilers@jedunn.com

Ноте:

14708 W. 71st Terrace Shawnee, KS 66216 816-506-4495 heather1322@whoever.com

### Hodgson, Kevin (Paula)

Business:

W. A. Klinger L.L.C. 2015 E. Seventh Street PO Box 8800 Sioux City, IA 51102 712-233-3225 khodgson@waklinger.com Ноте:

35586 C44 LeMars, IA 51031 712-898-2354 smoothekrh@yahoo.com

Children: Isabell, Katelyn, Charlette

Another busy year gone by. Hope everyone out there is safe, healthy and happy!

### Miner, Jason (Susan)

Business:

Bowman Vision Land 603 Park Point Dr, Suite 100 Golden, CO 80401 jminer@bowmanconsulting.com

Home:

13257 W 26th Ave Golden, CO 80401 720-837-3757 jasonRMiner@gmail.com

Children: Vivian (5), Audrey (1)

### Schwager, Dale (Valerie)

Business:

Foundation Service Corp 220 Waterloo Rd Hudson, IA 50643 319-988-9802 dale@foundationservicecorp.com

Home:

2305 3rd Ave SE Altoona, IA 50009 319-415-5336 daleschwager@yahoo.com *Children:* Kristopher, Karver

### **BS 2002**

### Ackermann, Casey (Jessica)

Business:

Eriksen Construction Co., Inc. PO Box 610 2546 S Hwy 30 Blair, NE 68008 402-426-3119 caseya@eriksenconst.com

Home

7835 N 156th Ave Bennington, NE 68007 402-679-0930 caseyack@gmail.com

Child: Jace (1)

Eriksen Construction works primarily in the industrial industry with the majority of work on waste water and water treatment plants and pump station projects.

### Klinkefus, Bradley

Business:

Performance Contracting Inc. 1270 Hancock Street Anaheim, CA 92807 714-701-9153 brad.klinkefus@pcg.com

Home:

436 Enclave Cir #204 Costa Mesa, CA 92626 brad\_klinkefus@hotmail.com

Who would have thought...over a decade in Southern California for a native small town Iowan. What a great experience and an awesome career to go with it. Cyclone Pride!

### Leimer, Nick

Business:

Kraus-Anderson 416 South Broadway Rochester, MN 55904 507-208-6037 nick.leimer@krausanderson.com

Home:

413 Georgetown Dr. SE Stewartville, MN 55976 507-208-6037 nick.w.leimer@gmail.com *Children*: Ben (8), Nathan (6)

#### Leonard, Terry

Greiner Construction 625 Marquette Ave., Suite 840 Rosemount, MN 55068 612-338-1696 tleonard@greinerconstruction.biz

#### Roozenboom, William (Shana)

Business:

Cresa Minneapolis 920 2nd Ave S., Suite 900 Minneapolis, MN 55402 612-373-9188 wroozenboom@cresa.com

Home:

1318 141st Lane NW Andover, MN 55304 612-803-9595

wroozenboom@cresa.com

Children: Addisyn (11), Cael (8), Jonah (6), Annyn (1), Henley (1), Grant (1)

### Sporaa, Shadrach (Jessica)

Business:

Henning Construction PO Box 394 5800 Merle Hay Road Johnston, IA 51310 ssporaa@webild.com

Home:

1516 S Avenue Boone, IA 50036 515-795-3842 ssporaa@webild.com

Children: Quali (12), Qiana (8), Levi (4), Alexis (newborn)

Sr. Project Manager in charge of Kum & Go construction in Arkansas, Oklahoma, Missouri, and Montana.

### **MS 2002**

#### Chen, Don (Helen You)

Business

University of North Carolina at Charlotte 9201 University City Blvd. Charlotte, NC 28223 704-687-5036 dchen9@uncc.edu

Home:

11505 Ashbourne Hall Rd. Charlotte, NC 28277 704-806-0335 dchen9@uncc.edu

Children: Emily (9), Olivia (7)

### **BS 2003**

### Blank, Brian

Business: Kiewit 1149 260th Street Sergeant Bluff, IA 51054 712-252-7279 brian.blank@kiewit.com

Home:

12169 N. Washbed Drive Oro Valley, AZ 85755 520-269-2052 bjblank@yahoo.com

Children: Makenzie Grace (4), Brecken Jay (16 months)

I actually made it back to Iowa in the summer of 2011 for a project with MidAmerican Energy. Kiewit teamed up with Burns & McDonnell as a Joint Venture (NSEP – Neal Station Environmental Partners) for an EPC contract to complete the addition of 2 dry scrubbers on the 2 coal fire power plants that are just south of Sioux City. The southern plant (Neal #4) is back up and we are completing the reliability test while the north plant (Neal #3) is wrapping up the tie-in outage work currently and

will be completed in September. It has been great being back in Iowa to be able to attend some of the ISU events. As the Project Manager I look to be off site in July and starting to attend some meetings for a future EPC in Tempe, AZ to install 5 LMS-100's, which will be nice to be home with the family at least every weekend.

#### Blomme, Nathan

Business:

Ryan Companies 625 1st St SE #460 Cedar Rapids, IA 52401 319-731-2800 nathan.blomme@ryancompanies.com

Home:

3425 Riverside Dr NE Cedar Rapids, IA 52411 nateblomme@hotmail.com

### Bottorff, Tylor (Brandi)

Business: Cardno

1555 Valwood Parkway, Suite 160 Carrollton, TX 75006 972-919-3300 tylor.bottorff@cardno.com

Home:

5324 Dove Creek Drive Ft. Worth, TX 76244 214-422-1392 tylor\_bottorff@yahoo.com

Children: Caden (10), McKenzie (7), Samuel (2)

This past year I started with Cardno as a branch manager for our North Texas and Oklahoma operations for our utilities division. For the past three years I have been working in the subsurface utility engineering (SUE) field. I am still amazed at every turn in life, how small the world really is and how people/things work together.

#### Determan, Barry (Traci)

**Business:** 

Turner Construction Co. 2345 Grand Blvd., Suite 100 Kansas City, MO 64108 816-283-0555 bdeterman@tcco.com

Home:

5204 Meadowlark Drive Shawnee, KS 66226 816-215-0576 bldeterman@gmail.com

Child: Ashlie (2)

Currently a Senior Project Manager in our Special Projects Division.

### Wolfe, Mike (Johna)

Business:

Baker Group 4224 Hubbell Avenue Des Moines, IA 50317 515-262-4000 wolfem@thebakergroup.com

Home

62485 305th Street Maxwell, IA 50161 mikepwolfe@gmail.com

### **BS 2004**

### Bernhard, Anthony (Kristen)

**Business**:

Union Pacific Railroad 301 NE 2nd Ave Portland, OR 97232

Home:

3009 W 8th Street Washougal, WA 98671 anthonybernhard@hotmail.com

Children: Frances (8), Joseph (6)

I am Director of Track Maintenance for the Pacific Northwest portion of the Union Pacific Railroad.

### Burgod, Nate (Amanda)

**Business:** 

Architectural Wall Systems Co. 6601 Westown Pkwy., Suite 100 West Des Moines, IA 50266 515-402-1089 nburgod@archwall.com

Home:

2009 Winding Creek Circle Polk City, IA 50226 515-402-1089

### Guggisberg, Angie

Business:

Minnesota Zoo 13000 Zoo Boulevard Apple Valley, MN 55124 952-431-9231 angie.guggisberg@state.mn.us

Ноте:

1355 Pascal Street North St. Paul, MN 55108 651-262-9348 aguggie@yahoo.com

#### Kruse, Brad

Business:

Mortenson Construction 700 Meadow Lane N Minneapolis, MN 55422 763-287-5631 brad.kruse@mortenson.com

Home:

14135 Plymouth Avenue Burnsville, MN 55337 952-240-3666 bradkruse@gmail.com

### Romero, Jason (Amber)

11735 S. Ave J Chicago, IL 60617 206-391-1547 jason.romero1@centurylink.com j\_romero5@hotmail.com

### Smith, Donavan (Tanya Kula)

Business:

Greiner Construction 625 Marquette Ave, Suite 840 Minneapolis, MN 55402 612-366-5649 dsmith@greinerconstruction.biz

Home:

120 Lyon Street St. Paul, MN 55106 651-983-0694 donavan.smith@gmail.com

It's been another great year with Greiner Construction and on the home front. Enjoying some down time between projects with 7west Apartments complete and looking forward to 700 Central Apartments and 394 Apartments projects hopefully starting sooner than later.

### Wessels, Brian (Amber)

Business:

Greiner Construction 625 Marquette Ave., Suite 840 Minneapolis, MN 55402 612-366-2024 bwessels@greinerconstruction.biz

Home:

14169 Dearborn Path Rosemount, MN 55068 651-252-1612 brian.wessels@gmail.com

Child: Aubrey (2)

Another year has gone by and continue to learn. There are now 6 ConE alumni working at Greiner Construction, which makes it fun whenever the Cyclones are playing. We continue to grow at

work and have had a chance to travel to see some friends over the year.

### MS 2004

### Kaewmoracharoen, Manop Lim (Cherry)

**Business:** 

Chiang Mai University 239 Huay Kaew Rd, Suthep Mueang Chiang Mai THAILAND manop@eng.cmu.ac.th

Home:

Chiang Mai 50200 San Kamphaeng, Chiang Mai THAILAND manopk@gmail.com

# Child: Ai (1) **BS 2005**

### Bunge, Ben (Abbie)

**Business:** 

The Weitz Company 5901 Thorton Ave. Des Moines, IA 50321 515-246-4700 ben.bunge@weitz.com

Home:

180 Indiana Ridge Drive Waukee, IA 50263 515-231-3101 bungeisu@yahoo.com

Child: Aiden (2)

### Jestrab, Eric

**Business:** 

Richard Construction, Inc. 13969 Highway 90 W Beaumont, TX 77713 409-659-4035 eric.jestrab@rig-rci.com

Ноте:

3980 N Major Drive #1024 Beaumont, TX 77713 515-450-9694 e\_jestrab@hotmail.com

### Miltenberger, Josh (Jennifer)

Business:

Ryan Companies US, Inc. 14001 University Avenue, Suite 300 Clive, IA 50325 515-309-8510 josh.miltenberger@ryancompanies.com

Home:

328 NW Jackson Dr Ankeny, IA 50023 515-468-8482 jmilte@gmail.com

Child: Kaylea

### Plymesser, Cliff (Naomi)

Business:

**EFCO** 

1800 NE Broadway Ave Des Moines, IA 50313 515-313-4222

cliff.plymesser@efcoforms.com

Home:

1124 Idaho Ave Ames, IA 50014 515-450-2537 cliff.plymesser@gmail.com

Children: Cole (4), Shane (2), Jack (1)

We are a busy family with 3 young boys. Working full-time at EFCO as a project manager on custom/mega projects and teach ConE 340 Steel and Concrete Construction part time at ISU. Just bought our second fixer-upper in Ames, so I've got my hands full on all fronts.

### Schafer, Clifford (Kelley)

Business:

Greiner Construction 625 Marquette Ave, Suite 840 Minneapolis, MN 55402 612-225-6967 cschafer@greinerconstruction.biz

Home:

3313 Brookview Drive Burnsville, MN 55337 612-418-4573 cliff.schaefer@gmail.com

Children: Allison Paige (3), Bethany Grace (6 months)

Performing pre-construction and estimating duties for Greiner Construction. Enjoying the outdoors, fishing, hunting, raising our children and upgrading our home.

### Sogla (Halvorson), Julie (Mike)

Business:

Ryan Companies US Inc. 50 S 10th St Ste 300 Minneapolis, MN 55403 612-492-4627 julie.sogla@ryancompanies.com Ноте:

8240 Chester Ave Northfield, MN 612-360-3354 julie.sogla@ryancompanies.com

Children: Reagan (2), McKinley (6 mo)

I just finished my 9th year at Ryan and am currently in our Preconstruction Group chasing work and working on process improvement items.

#### White, Chad (Sara)

**Business**:

Russell Construction 4600 E. 53rd St. Davenport, IA 52807 563-459-4600 cwhite@russellco.com

Home:

908 Heiler Ct. Eldridge, IA 52748 563-529-5829 cwhite@russellco.com

Children: Oliver (4), Lydia (2), Maggie (2)

Hard to believe, but this will be my 10th year with Russell Construction. I've been dubbed our K-12 market knowledge leader as a result of my experience with Russell.

At home we continue to be blessed with significant growth and development of our 3 wonderful kids (the twins endured a 5-month NICU stay). We're still trying to work that Hawkeye blood out of them!

### **BS 2006**

#### Brekken, Jason (Abbie)

Business:

M.A. Mortenson Company 700 Meadow Ln N Minneapolis, MN 55422 763-522-2100 jason.brekken@mortenson.com

Home:

3649 147th Ave NE Ham Lake, MN 55304 brekken.jason@gmail.com

### **Bollig, Russ**

Business: Multivista 206 6th Ave, Suite 1104 Des Moines, IA 50309 515-401-5658 r.bollig@multivista.com Home:

2514 SW 31st Street Ankeny, IA 50023 515-441-0448 r.bollig@multivista.com

Building a company is no easy task. Building a company whose services are fairly new to Iowa's construction industry is a total curve ball. I have spent the last 4 years educating and working with clients on the advantages and benefits of Multivista, which have become an industry standard around the U.S. After completing over 30,000 construction projects in just 10 years within North America, I believe we can confidently say we are the industry standard. By far the most rewarding part of the job is meeting all the great and interesting people who make up Iowa's construction industry. That, and being able to be a part of many very cool projects which we are consistently bringing value to every time we step on the job.

### Dittus, Ken (Jill)

Business:

Granite Construction 1070 Folsom Lake Crossing Folsom, CA 95630 916-671-2207 ken.dittus@gmail.com

Home:

2823 Pine Creek Ct Cameron Park, CA 95682 641-351-9803 kendittus@gmail.com

Child: Logan (3 months)

### Gleason, Glen (Stephanie)

Business:

Black & Veatch 7760 France Ave Bloomington, MN 55435 gleasong@bv.com

Ноте:

Vadnais Heights, MN glen.gleason@gmail.com

Child: Keara (7 months)

### Hotovec, Chad (Staci)

Business:

Burns & McDonnell 9400 Ward Parkway Kansas City, MO 64114 816-823-7077 chotovec@burnsmcd.com

Home:

983 East 121st Place Olathe, KS 66061 515-450-4959 chotovec@gmail.com

Child: Johnathon (3), Christopher (9 months)

I'm a Project Engineer/Project Manager working on a variety of Oil and Gas projects, and loving every minute of it.

### Humphreys, Jake (Samantha)

Business:

University of Iowa Facilities Management 220 Univ. Services Bldg. Iowa City, IA 52242 319-335-6282 jake-humphreys@uiowa.edu

Home:

925 Fairview Lane N. Liberty, IA 52317 612-916-0351 jakewhumphreys@gmail.com

Child: Our first baby is on its way, due in October 2014.

I started working for the University of Iowa as a Construction Project Manager in April 2014. Before that, I worked for Mortenson Construction for 7 years in Iowa City, Minneapolis, and Seattle, then Weis Builders in Chicago for one year. My wife works for St. Lukes Hospital in Cedar Rapids and is due with our first baby in October 2014!

### McClain, Patrick

Business: Weitz/CPD

5901 Thornton Ave Des Moines, IA 50321 515-246-4850

patrick.mcclain@weitz.com

Home

4715 Windsor Circle Pleasant Hill, IA 50327 515-829-9943 Wrestling.mac@gmail.com

Child: Lauren (1)

### McKee, Jeff

Business:

Ryan Companies US, Inc. 50 S. 10th St, Suite 300 Minneapolis, MN 55403 612-492-4000 jeff.mckee@ryancompanies.com

Home:

23513 Birch Circle Rogers, MN 55374 612-201-6803 jeff.mckee@yahoo.com

### Rahe, Dave (Megan)

Business:

The Weitz Company Trillium Woods Jobsite

5855 Cheshire Pkwy N Plymouth, MN 55446 dave.rahe@weitz.com

Home.

219 Balsam Lane North Plymouth, MN 55441 515-229-8524 dave.rahe@weitz.com

Children: Daniel (5), Matthew (1.5), Baby Boy (due 10/10/14)

### **BS 2007**

### Corkrean, Brad

**Business:** 

McCownGordon Construction 422 Admiral Blvd. Kansas City, MO 64106 816-877-0621 bcorkrean@mccowngordon.com

Home:

9405 Kessler Lane Overland Park, KS 66212 816-215-6815

bcorkrean@mccowngordon.com

Project management for mid-size and large commercial projects in all market sectors.

### Gaube, Josh (Amanda)

Business:

Holland Partner Group 600 S. Cherry St., Suite 700 Denver, CO 80246 720-854-8800 jgaube@hollandpartnergroup.com

Home:

2624 Race St. Denver, CO 80205 720-854-8800 jgaube@gmail.com

Currently working for a design-build developer managing the structure and exterior enclosure for a 22-story residential tower in the exciting Denver Union Station redevelopment. Enjoying life in Colorado spending every opportunity mountain biking, skiing or playing volleyball!

#### Getachew, Dawit

Hensel Phelps Construction Co. Chantilly, VA 20151 703-828-3200 dgetachew@henselphelps.com

Home:

Alexandria, VA getchuna@gmail.com

### Lindquist, Eric (Karissa)

Business:

Adjustable Forms, Inc. 1 E Progress Rd. Lombard, IL 60148 630-359-7521

Home:

167 N Highland Ave. Elmhurst, IL 60126 630-359-7521 eric.lindquist@mail.com

Child: Jacob (6 months)

Extremely busy as economy has picked up over the last six months. Happy to have hired three ISU CCEE graduates over the past year. Completed construction of our brand new office and warehouse facility in Lombard, IL last July. On the homefront Karissa and I had our first child, Jacob Eric Lindquist.

### **BS 2008**

### Andrews, Randall (Stephanie)

Business:

The Beck Group 1001 17th St #PL100 Denver, CO 80202 214-707-3387 rand-11andrews@beckgroup.com

Home:

29864 Lee Rd. Evergreen, CO 80439 214-906-0943 ra.andrews3@gmail.com

Superintendent for The Beck Group. Currently overseeing the construction of a new visitor center complex, including new water and waste water treatment plants, associated sitework, utilities, landscape and hardscape at the Royal Gorge Bridge and park in Canon City, Colorado to replace facilities devastated by a wildfire in June of 2013. Estimated completion is September 2014.

### Harry, Brian (Kelly)

Business: Ryan Companies US, Inc. 201 N. Harrison Street, Suite 400 Davenport, IA 52801 563-468-8575 brian.harry@ryancompanies.com

Ноте:

906 13th Street Port Byron, IL 61275 563-468-8575

brian.harry@ryancompanies.com

### Jennett, Tim (Kate)

Business:

Green Valley Pest Control & Lawn Care 1430 150th Street Creston, IA 50801 641-782-4540 tim@greenvalleypest.net

Home:

1215 130th Street Creston, IA 50801 tim.jennett@gmail.com

### Loy, Zachary (Katie)

Business:

Turner Construction 2345 Grand Blvd., Ste 1000 Kansas City, MO 64108 816-886-4534 zloy@tcco.com

Home:

7821 NE 109th Terr Kansas City, MO 64157 816-582-1416 zachloy@gmail.com

I work in preconstruction in Turner's Kansas City office.

### Marbach, Lee (Julia)

Business:

Russell Construction 4600 E. 53rd St. Davenport, IA 52807 563-459-4513 lmarbach@russellco.com

Ноте:

3711 Tam-O-Shanter Dr. N. Bettendorf, IA 52722 563-210-4060 lmarbach@gmail.com

Children: Kelsey (3), Lisa (1)

Julia and I reside in Bettendorf, and our two daughters keep us on our toes. I am finishing up a 50,000 SF field-house and new football stadium/athletic complex and starting work on a new 66,000 SF elementary school for Galesburg Public Schools in Galesburg, Illinois. I remain active in Design Build Institute of America (DBIA) Iowa Chapter, serving as the current Legislative Chair.

### Martens, Aaron (Lindsay)

Business:

HITT Contracting, Inc. 2900 Fairview Park Drive Falls Church, VA 22042 703-928-5766 amartens@hitt-gc.com

Home:

4679 S 34th St Arlington, VA 22206 712-269-2610 martens.aaron@gmail.com

Project Manager for HITT Contracting specializing in their Technology sector building Data Centers.

#### Norton, Andrew (Katie)

Business:

Hensel Phelps Construction Co. 4129 E. Van Buren St. Phoenix, AZ 85034 480-383-8480 anorton@henselphelps.com

Home:

540 E. Encinas Ave. Gilbert, AZ 85234 norton.ae@gmail.com

### Tiedeman, Rob (Katie)

Business: Shaw, Inc.

402-206-1756

rob.tiedeman@shawinc.com

Home:

2820 NW 55th Street Lincoln, NE 68524 402-480-4269 rtiedeman75@yahoo.com

### Van Erkel, Jon

Business:

Van Erkel Farms, Inc. 27843 825th Ave Hollandale, MN 56045 507-383-5952 vanerkel.jon@gmail.com

Ноте:

PO Box 56 Hollandale, MN 56045 507-383-5952 vanerkel.jon@gmail.com

### Zikra, Alexander

Business:

Power Construction 8750 W Bryn Mawr Ave, Suite 500 Chicago, IL 60631-3546

847-214-6426 azikra@pcec.net

Home:

1659 W Addison, Unit G Chicago, IL 60613 563-508-6506 azikra@gmail.com

### **BS 2009**

### Brummer, Sean

**Business:** 

Turner Construction Santa Clara, CA 95050 408-483-0802 sbrummer@tcco.com

Home:

29 Cooper Ave. Council Bluffs, IA 51503 408-483-0802 sean.brummer@gmail.com

### Daniels, Chris (Kayla)

**Business:** 

Huff Construction, Inc. 11 N. Dakota Street Aberdeen, SD 57401 605-226-0052 chrisd@huffconstructioninc.com

Ноте:

525 SW 13th Ave. Aberdeen, SD 57401 605-216-5606

Work as a project manager with Huff Construction in Aberdeen, SD. Work on healthcare, education, hospitality, agriculture, and commercial construction. Healthcare drives the community (Avera and Sanford) as well as education.

### Grunder, Kyle (Amber)

Business:

Architectural Wall Systems Nebraska 8415 Blondo St. Omaha, NE 68134 402-397-3100

Home:

11326 Franklin Plz Apt 907 Omaha, NE 68154 kyle.grunder@gmail.com

Working on MBA.

### Harder, Matthew (Candace)

Business:

Summit Construction, LLC PO Box 4342 Basalt, CO 81621 970-251-7107 mharder@cosummitconstruction.com

Home:

PO Box 4855 Basalt, CO 81621 515-450-0780 mrharder43@gmail.com

### Hutchens, Jordan

Business:

Renewable Energy Group 416 S. Bell Ave. Ames, IA 50010 515-239-8035 jordan.hutchens@regi.com

Home:

2914 Oakland St. Ames, IA 50014 515-974-7468 jhutch2013@gmail.com

### Phipps, Brian

briandphipps@gmail.com

### Schmidt, Nicole (Bryan)

Business:

Turner Construction Co. 2345 Grand Blvd, Suite 1000 Kansas City, MO 64108 816-256-6199 nschmidt@tcco.com

Home:

9736 Larsen Street Overland Park, KS 66214 816-256-6199 schmidt.nicolem@gmail.com

Bryan and I have enjoyed being back in Kansas City and have been steadily working on our house, as time allows. I finished the Olathe School District projects I was working on 1st quarter of 2014 and started working as a Cost Engineer and Project Set-up Engineer in which I work with all of our projects in the Kansas City Business Unit. In addition, I still am active as Turner KC's Sustainability Manager and continue to be involved with the USGBC Central Plains Chapter. Outside of work, I have been enjoying time leading some classes at church, coordinating our

church small group, sitting on the ISU Alumni Association Board of Directors, volunteering to help at different activities for work and church and finally graduating with my Masters from ISU in Construction Engineering and Management (CE – F2013).

The biggest news Bryan and I have is we are expecting a future Cyclone this October! We are looking forward to introducing him/her to ISU and Ames as much as possible (as if you can ever have enough).

If you're ever in the Kansas City area, please feel free to give us a call, email or text! We'd love to see you! Go CYCLONES!

### **BS 2010**

### Basara, Marc

Business:

Weis Builders, Inc. 7645 Lyndale Ave S, Suite 301 Minneapolis, MN 55423 612-243-5000 marcbasara@weisbuilders.com

Home:

5441 Bartlett Boulevard Mound, MN 55364 651-353-7395 mjbasara@gmail.com

### Bishop (Davison), Alicia

Business:

Bendsen Signs & Graphics 2901 N. Woodford St. Decatur, IL 62526 217-877-2345 ab@bsg1946.com

Home:

204B Margaret Drive Blue Mound, IL 62513 217-820-3678 aleedavison@gmail.com

#### Claussen, Anna

1013 Midland St Madison, WI 53715 507-473-3174 claussen.anna@gmail.com

### Davis, Austin

Business: Alberici Constructors 8800 Page Avenue Overland, MO 63114 314-873-3298 adavis@alberici.com

Home:

977 Briarton Drive

St. Louis, MO 63126 314-873-3298 acdavis2817@gmail.com

### Karns, Matthew (Leah)

Business:

Ball Team, LLC 10550 New York Ave, Suite 100 Urbandale, IA 50322 515-783-4738 mkarns@buildwithball.com

Home:

7917 Townsend Avenue Urbandale, IA 50322

#### Lane, Chad

J.E. Dunn Construction 816-728-8064 chadlane1@gmail.com

### Meinke, Anthony (Miriam)

Business:

Woodruff Construction 1890 Kountry Lane Ft. Dodge, IA 50501 515-576-1118 anthonym@woodruff.biz

Home:

1435 Davis Ave. Goldfield, IA 50542 515-368-2320 ameinke@hotmail.com

### O'Loughlin, Phillip (Laura)

Business:

Peters Construction Co. 901 Blackhawk Rd. Waterloo, IA 50701 319-236-2003 poloughlin@petersconstruction.com

Ноте:

1800 Lark Lane Waterloo, IA 50701 515-291-9009 oloughlin.phillip@gmail.com

#### Reifert, Claire (Alex)

5235 S. Jebel Way Centennial, CO 80015 claire.reifert@gmail.com Child: James (newborn)

#### Roberts, Ewatt

Michelman Steel Enterprises Allentown, PA ewattroberts@gmail.com

I feel fortunate to have earned a degree that allows for seamless transitions throughout the construction industry. Relocated to the East Coast and now work as a Project Manager for an AISC Certified Steel fabricator, specializing in bridge work.

Having fun with my family exploring the sights and sounds of our surroundings. Especially exciting to encounter Cyclones in this area and those familiar with Iowa State University's legacy. ISUCCEED!

### Zaletel, Cole

Business: Stonhard czaletel@stonhard.com

Home:

2409 33rd Street Des Moines, IA 50310 515-333-8693 mczaletel@gmail.com

Currently working as a site superintendent to Stonhard. Oversee the installation of our products on a variety of jobsites all across the Midwest.

### **BS 2011**

### Catus, Ryan

Business:

Weitz

5901 Thornton Ave. Des Moines, IA 50321 515-290-4386 ryan.catus@weitz.com

Home:

4209 Beaver Creek Drive Des Moines, IA 50310 515-290-4386 rncatus@gmail.com

#### Dennis, Zach (Melissa)

**Business:** 

Harold O'Shea Builders 3401 Constitution Dr. Springfield, IL 62711 217-522-2826 zdennis@osheabuilders.com

Home:

14743 BAB Rd Auburn, IL 62615 zsdennis55@gmail.com

### Kaehler, Alex

Business:

Burns & McDonnell 9400 Ward Parkway Kansas City, MO 64114 816-822-4310 akaehler@burnsmcd.com

Home:

632 E. 63rd Terr. Kansas City, MO 64110 507-254-7473 ajkaehler@gmail.com

### Meyn, Austin

Business:

JE Dunn Construction 5959 Village View Dr. West Des Moines, IA 50266 515-698-4424 austin.meyn@jedunn.com

Home

3111 SW Chestnut Ct. Ankeny, IA 50023 816-518-2856 ameyn5@gmail.com

### Miller, Bridgette

Business:

Plano-Coudon 2101 Washington Blvd. Baltimore, MD 21230 410-837-2570 bmiller@plano-coudon.com

Home:

4611 Foster Ave. Baltimore, MD 21224

A year after graduating, I was able to purchase my first home in downtown Baltimore. Currently estimating at Plano-Coudon and recently landed my first hard bid lump sum project for the University of Maryland, Baltimore. Can't wait for Homecoming this year!

### Stifel, Creighton

Business:

Russell Construction 4600 E. 53rd St. Davenport, IA 52807

Ноте:

2431 Kelling St. Davenport, IA 52804-2363 cstifel@gmail.com Currently Assistant Field Manager but also acting as Project Manager on jobs and Estimating.

### **BS 2012**

### Brinkmann, Cody

Business:

Kiewit Infrastructure Company 9645 Legler Road Lenexa, KS 66219 402-881-2728 cody.brinkmann@kiewit.com

Home:

13421 Woodson St Apt 2336 Overland Park, KS 66209 515-520-2135 brink.cod.08@gmail.com

I'm currently working on the Kansas DOT first Design Build Project. My role on the Project is Project Controls and Contract Administration. The project consists of Interstate reconstruction of I-435, I-35, and Kansas state highway 10, with many new bridges and roads. It is currently expected to be completed by Christmas of 2017.

During the last half of 2013, I joined the KieCore team in Omaha, NE. I was working with SharePoint 2010 and traveling around the country to different jobsites and districts, showing them how to use the program. I was working coast to coast, with most of my travels being on the Upper East Coast, the Midwest, and New Mexico. I also became a SharePoint superuser for Kiewit, so if there are any questions about SharePoint, hit me up.

### Bumgarner, Maria (Mike)

Mortenson Construction 700 Meadow Lane North Minneapolis, MN 55422 763-287-3303 maria.bumgarner14@gmail.com

Mike and I got married this year and currently live in Minneapolis.

### Caswell, Lauren

Business:

Mortenson Construction 10230 Ne Points Dr #300 Kirkland, WA 98033 425-497-7011 lauren.caswell@mortenson.com

Home:

9744 4th Ave NW Unit B Seattle, WA 98117 651-210-4420 lcaswell35@gmail.com

#### Ekholm, Kara

Business:

Kraus-Anderson Construction Co. 525 South 8th Street Minneapolis, MN 55404 kara.ekholm@krausanderson.com

Home

5655 35th Street Apt. 220 St. Louis Park, MN 55416 612-581-0530 kekholm12@gmail.com

#### Hauser, Brett

Business:

Weis Builders
7645 Lyndale Ave S
Minneapolis, MN 55423
612-243-5000
bretthauser@weisbuilders.com

Home

2238 White Water Way Eagan, MN 55122 651-336-1729 bretthauser1@gmail.com

### Heetland, Kayla

Business:

Turner Construction Company 2345 Grand Blvd., Suite 1000 Kansas City, MO 64108 kheetland@tcco.com

Home:

West Des Moines, IA 50266 816-564-3529

### Kilen, Kai (Nicole)

Business:

WisDOT North Central Region Rhinelander, WI 54501 715-340-9451

Home:

9463 Country Club Road Minocqua, WI 54548 kaikilen@gmail.com

### Mootrey, Wade (Rachel)

Business:

Advance Mechanical Systems, Inc. 425 E. Algonquin Rd. Arlington Heights, IL 60005 847-472-4957 wmootrey@advmech.com

Home:

3584 Edgewood Lane Carpentersville, IL 60110 847-812-4411 wade.mootrey@gmail.com

### Olinger, Eric

Business:

Baker Group 4224 Hubbell Avenue Des Moines, IA 50317 olingere@thebakergroup.com

Home:

1310 NW Maple Street Ankeny, IA 50023 515-778-2134 emolinger@gmail.com

I am utilizing my ConE Mechanical Emphasis and am working as an Energy Engineer with Baker Group in Des Moines, Iowa. I primarily work with existing buildings to determine if and how they can be operated more efficiently to save both energy and money for the building owners.

### Sheston, Michael

**Business**:

Kiewit 9401 Renner Blvd. Lenexa, KS 66219 913-689-444 michael.sheston@kiewit.com

Home:

8650 Winchester St. Unit 2206 Lenexa, KS 66219 641-895-5293 mdsheston@gmail.com

### Sprecher, Jake

Business:

Woodruff Construction 2030 Keokuk St. Iowa City, IA 52240 319-331-8433 jakes@woodruffconstruction.com

Home:

104 Westside Drive, Apt. 12 Iowa City, IA 52246 608-206-6481 sprecherjake@gmail.com

### Yocum, Lee

Business:

Kiewit Building Group

Home:

11215 Seward Plaza Apt. 2624 Omaha, NE 68154 Lcyocum1@gmail.com

### **BS 2013**

### Burds, Zach

Business:

Greiner Construction
625 Marquette Ave.
Minneapolis, MN 55402
612-225-6944
zburds@greinerconstruction.biz

Ноте:

3024 Fremont Ave S. Minneapolis, MN 55408 612-207-1558 zburds@gmail.com

### Burgin, Taylor (Liz)

Business:

Pire-Tobin Construction 2660 Old Quaas Rd. Alburnett, IA 52202 319-842-2130 tpburgin@piretobin.com

Home:

4572 Meadow Creek Dr. Palo, IA 52324 319-350-6019 tburgin563@gmail.com

Life has been crazy in the last year. Liz and I moved to a new city (Cedar Rapids), started careers, got a puppy, bought a house, and traveled. Working for a small company allows me to wear a lot of hats. I can be estimating, surveying, managing, and taking out trash all in the same hour. I have a great boss (also a ConE grad) and a good team to work with. At times it's chaos, but it's all worth it.

#### Eckard, Jake

Business:

JE Dunn Construction 901 S. Mopac Expressway Barton Oaka Plaza II Suite 375 Austin, TX 78746 512-820-4349 jake.eckard@jedunn.com

Ноте:

5604 Southwest Pkwy., Apt. 1026 Austin, TX 78735 512-689-6733 jdeckard@alumni.iastate.edu Just hanging out down in Austin. Enjoying the weather all year and working with a great group of people in the JE Dunn Austin Office.

### Einck, Jordan

Business:

Ball Team, LLC 10550 New York Ave. Urbandale, IA 50322 515-440-4544 jeinck@buildwithball.com

Home:

2721 Payne Road Des Moines, IA 50310 515-822-4368 jeinck\_33@hotmail.com

#### Goodhue, Matt

Business:

The Weitz Company 5750 Juneau Ln N Plymouth, MN 55446 515-291-7297 matt.goodhue@weitz.com

Home:

6319 Oxford Street St. Louis Park, MN 55446 515-291-7297 goodhue.matt@gmail.com

### Gorman, Tom

Business:

Beal Derkenne Construction 506 3rd Street, Suite 300 Des Moines, IA 50309 402-890-7417 tom@bdconstruct.com

Ноте:

275 Morningside Ave. Council Bluffs, IA 51503 402-890-7417 tjgorman12@gmail.com

First year in the real world has been a huge learning experience! I worked with Kiewit Building Group in Omaha on an \$18 million office project and on April 21st I joined the Beal Derkenne Construction team with fellow ConE graduates Phil Emanuel and Keagan Johnson. I am currently living in Lincoln, NE working on a \$40 Million student housing project in downtown Lincoln. We are scheduled to finish July 2015 so if anyone is passing through and would like a tour give me a call!

### Maginnis, Austin (Ashley)

Business:

The Kenrich Group LLC 10 South Fifth St., Suite 1020 Minneapolis, MN 55402 612-343-0100 amaginnis@kenrichgroup.com

Home:

6319 Oxford St. St. Louis Park, MN 55416 641-512-3588 austin.maginnis@gmail.com

I went back to Town Engineering Building this past fall to check out the 'ol stomping grounds to see that the Ping Pong table has been removed. I don't recall every crying so hard.

R.I.P. – TEB Ping Pong Table. You were always there for me and Andy Hodge... For both the good times, and the bad times. You will always hold a spot in my heart and you will never be forgotten. Yours Truly.

### Ryan, Eric

Business:

Nelson Engineering Construction 2610 Dakota Ave. S. Sioux City, NE 68776 402-494-6927 eric@nelsonec.com

Home:

1000 E. 17th St, Apt. 536 Dakota City, NE 68731 712-389-0344

### Satterly, Bryce (Shawnee)

Business:

Reilly Construction 110 E. Main St. Ossian, IA 52161 319-240-3031 bsatterly@reilly-construction.com

Home:

1355 E. Knoll Dr. Robins, IA 52328 319-899-6397 brsatt89@gmail.com

I am currently a project engineer with Reilly Construction. I work mostly with their rail division building new projects for Union Pacific and BNSF. This requires quite a bit of travel which allows me to see a lot of new and exciting scenery. Most of the projects I've been on are in Kansas and Texas. My fiancée, Shawnee, is traveling with me and is working for Reilly as well. Every day is a different learning experience and I look forward to every one!

### Schwinghammer, Brandon

Business:

Orascom E&C USA, Inc. 3546 180th Street Wever, IA 52658 319-371-5192

Home:

2301 Agency St., Apt 34 Burlington, IA 52601 319-371-5192 bischwinghammer@gmail.com

### Zahner, Nicholas

Business:

Western States Fire Protection 1717 Heath Parkway Ft. Collins, CO 80524 907-297-2102 nicholas.zahner@wsfp.us

Home:

1025 Oxford Lane, Apt. 199 Ft. Collins, CO 80525 319-721-6507 rordor59@gmail.com

I am currently a Design Project Manager with the Western States Fire Protection Service department. I am the first and only project manager in the office and I will continue to grow in the office. I just recently moved to Colorado and it is a beautiful state to be in with so much to do.

### **BS 2014**

### **Buscher**, Alex

Business:

McCarthy Building Companies 8 Greenway Plaza, Suite 1010 Houston, TX 77046 713-963-9790 abuscher@mccarthy.com

Ноте:

4554 Eli Street Houston, TX 77007 515-971-4465 abuscher09@gmail.com

### Van, Duong (Ocean)

Business:

DPR Construction 4665 MacArthur Ct #100 Newport Beach, CA 92660

Home:

Garden Grove, CA 515-441-4168 vbdaiduong@gmail.com

I am working as a Project Engineer with DPR Construction in Southern California. I really enjoy living here as there are so many Vietnamese restaurants in the area, and I can play tennis most of the time.

### **BS 2013**

At the Senior Banquet, graduating seniors were asked to fill out a form that included their future plans and how they would like to be remembered. We have reprinted this information for those who gave us permission. Congratulations to the graduates!

### Berger, Rob

Hobbies: Golfing, fishing.

Future plans: Move to the Quad Cities and begin my professional career. I would like to start looking for a house to settle into to start a family. I look forward to applying all that I have learned here at ISU to my upcoming career.

How would you like to be remembered?: As a hard working student who gave his best.

#### Burds, Zach

Hobbies: Golf, hockey, and snowboarding.

Future plans: Project Engineer for Greiner Construction in

Minneapolis.

How would you like to be remembered?: Hardworking, outdoing, and good to be around. Go State!

### Brim, Nick

Hobbies: Movies, building.

Future plans: Travel with job, then settle down with family.

### Gehm, Austin

Hobbies: Basketball, movies, painting, running.

Future plans: I plan to live in Des Moines with an old friend of mine. I am excited to be close to home and spend time with my family

How would you like to be remembered?: I was a hard worker and was always willing to help anyone that brought me a question.

### Jenkins, Dane

*Hobbies*: Sports, hunting, hanging out with family and friends, side construction projects.

Future plans: I plan to start working full time for EDGE Commercial as a Project Engineer.

#### Jens, Caleb

Hobbies: Wrestling, snowboarding.

Future plans: I am moving with my wife and daughter to Johnston, Iowa, to work at Bluestone as an Electrical Engineer. I plan on remaining in the Des Moines area focusing on electrical system designing and possibly start assistant coaching high school wrestling.

How would you like to be remembered?: I would like to be remembered for my perseverance through college while starting a new family as well as my contribution in starting the Cyclone Wrestling Club.

### Jia, Zhenhua

Hobbies: Outdoor activities workout

Future plans: Join Army. Might go back to construction industry. How would you like to be remembered?: One of the very few international ConE's in ISU.

### Judd, Colin

Hobbies: Hanging with friends, reading, flying, and exercising. Future plans: I will continue to work at the Air National Guard Base in Des Moines on a part time basis and work fulltime as an Assistant Project Manager with the Opus Group. Someday I plan to settle down and start a family.

How would you like to be remembered?: As an intentional fun personality that people enjoyed working with and being around.

### Mueller, Anthony

Hobbies: Disc golf, ultimate Frisbee. Future plans: Get job on west coast.

How would you like to be remembered?: Outgoing, fun loving.

### Platt, Dennis

Hobbies: Disc golf, volunteer coach Special Olympics, working out, video games.

Future plans: To get a job in my field, get married and start a family.

How would you like to be remembered?: As someone who worked hard at school, but also liked to have some fun during projects. A dependable group member and friend.

### Pohlman, Jessica

Hobbies: Photography, carpentry, art handling, volunteering.

### Reimers, Grant

Hobbies: Golf and woodworking.

Future plans: I will be staying in Ames with my wife, Amanda. I will be working for Woodruff Companies as an Assistant Project Manager.

How would you like to be remembered?: Active in the ConE program and loved to have fun.

### Seaton, Shawn

*Hobbies*: Outdoors, sports, reading, modeling with computer programs.

Future plans: I hope to be invested in my career, and earning my P.E. degree within 5 years. I hope to be active in my community often as well as staying in communication with my college friends.

How would you like to be remembered?: A hard-working person willing to put the time and effort into work/life.

### Zahner, Nicholas

Hobbies: Gaming, playing guitar, hang out with friends. Future plans: I will be in South Dakota for about 6 months to 1 year. I will then transfer to a branch somewhere in the U.S. During training I plan on becoming a LEED GA. How would you like to be remembered?: I would like to be remembered as someone who was hard working and passionate about my major.

### **BS 2014**

### Allard, Andrew

Hobbies: Piano, golf, boating, bowling, fishing, volleyball, working on Capstone.

Future plans: Start work at Burns & McDonnell. Work there for a few years to become a Project Manager.

How would you like to be remembered?: I would like to be remembered as someone who was kind to everyone and a hardworking, engaged, fun, intellectual friend to students. I hope my time here has left a lasting impression on everyone I've met.

### Beck, Nicklas Dean

*Hobbies*: Playing basketball, fishing, and helping on the farm. *Future plans*: I plan to apply to medical school in the fall, and I'll see where that takes me.

How would you like to be remembered?: Hard working, helpful to others, and thankful.

#### **Buscher**, Alex

Hobbies: Fishing, wakeboarding, baseball, bowling and football. Future plans: I am going to work fulltime for McCarthy Building Companies in Houston, Texas, as a Project Engineer. How would you like to be remembered?: I would like to be remembered as a leader and a voice for the construction engineering program here at Iowa State.

### Christensen, Jace

Hobbies: Playing sports, anything outside, adventures, reading, dancing, cooking, grilling, spending time with friends and family. Future plans: I will work in Johnston, Iowa, with Bluestone. I hope to work here and gain my PE license. Also, I aim to get involved with the Des Moines community through volunteer service.

How would you like to be remembered?: I would like to be remembered for my hard work and service to ISU, the ConE program, and the community.

### Clobes, Nick

*Hobbies*: Hiking, racquetball, fishing, and community service. *Future plans*: I plan to get married in 2015. I plan to get a job as a Project Manager with an asphalt paving contractor to schedule and bid on highway projects.

How would you like to be remembered?: I would like to be remembered as an intelligent, hard-working student who was dedicated to his studies, family, and friends. I grew as a leader through being President for ISU After Dark, peer mentoring for the learning community, and class projects.

#### Damman, Daniel

Hobbies: Running, playing sports, hunting. Future plans: Working for M.A. Mortenson. How would you like to be remembered?: Hard-working, intelligent teammate.

### Donlin, Michael

Hobbies: Entrepreneurship, woodworking, remodeling, hiking, long walks on the beach, and all other things outside. Future plans: I plan on continuing my career in entrepreneurship and leadership. As to the specifics on the company I will start, I

do not know at this point. At this point all I can say is that I plan on creating a unique, vibrant and energetic company! How would you like to be remembered?: I would like to be remembered as an energetic, outgoing and out-of-the-box thinker. Someone who challenges the status quo. Who isn't afraid to step out of his comfort zone and be BOLD.

#### Elston, Aaron

Hobbies: Sailing, water polo, scuba diving.

*Future plans*: Plan to work in fire protection field. I will also be completing the Master of Engineering in Fire Protection from the University of Maryland starting Fall '14.

How would you like to be remembered?: I would like to be remembered as a hard worker. I also believe I have helped others grow professionally just as they have helped me.

### Hampel, Brian

Hobbies: Playing sports—many sports, DJ-ing.

Future plans: Moving to Naperville, Illinois, to begin work with Power Construction. First project is a homeland security training center. Staying in Chicagoland area to start a family and have a dog named Milk Dud.

How would you like to be remembered?: As a ConE who put in hard work during classes and internships. Someone who always had a smile on his face and could make people laugh.

### Hankey, Mitchell

Hobbies: Sports, movies, books, music.

Future plans: I will be working at Architectural Wall Systems in Des Moines, Iowa.

How would you like to be remembered?: I would like to be remembered as an honest hard worker.

### Heinz, Sean

Hobbies: Hunting, fishing, sports.

Future plans: I will work as a Superintendent-Trainer for JE Dunn Construction.

How would you like to be remembered?: I would like to be remembered as a hard working person who was very active in the ConE Department.

### Jordan, Cole

*Hobbies*: Playing sports, running, fishing, spending time with family.

Future plans: Working at Russell Construction in Davenport, Iowa, as a Project Engineer.

How would you like to be remembered?: I would like to be remembered as the fun, goofy, intelligent guy I can.

### Martens, Perry

Hobbies: Basketball.

Future plans: Work fulltime at Waldinger and live in West Des Moines, Iowa.

How would you like to be remembered?: A listener, motivated student, a friend.

### Menke, Justin

Hobbies: Sports, chive and playing the drums.

Future plans: Become a PM within 5 years, move to Kansas City and buy a house.

How would you like to be remembered?: I want to be remembered as a hard working student that was very active in student organizations.

### Mitchell, Zach

Hobbies: Hunting, fishing.

Future plans: I plan to work for Peterson Contractors out of

Reinbeck, Iowa.

How would you like to be remembered?: I want to be remembered as a hard working individual who was very involved in ConE student organizations.

### Morgan, Richard

Future plans: Gleeson Constructors and Engineers—Project Manager.

#### Myers, Patrick

Hobbies: Being outside, hanging out with friends.

Future plans: Working fulltime at Modern Companies. Get

married.

How would you like to be remembered?: Fun, joking around, buying cupcakes.

#### Neiers, Jared

Hobbies: Golfing, volleyball, building/woodworking Future plans: Work at Greiner Construction as a Project Engineer in Minneapolis, Minnesota.

How would you like to be remembered?: As a hard-working individual that was always friendly and fun to be around.

#### Nissen, Mike

Hobbies: Cars, racing, biking, music, hunting. Future plans: I plan to be working around the Des Moines area and pursuing a project manager role within the next 10 years. I am engaged to be married in May 2015, and hope to start a family soon after.

### Paczynski, Allen

Hobbies: Ride motorcycles, ride bicycle, woodworking. Future plans: Like to be working in construction and have my own personal home and or apartment building company. I want to get married and have a few children of my own. How would you like to be remembered?: I feel I would be the one unnoticed, the quiet hard worker. Always reliable and dependable.

### Parker, Justin

*Hobbies*: Music, concerts, racing, outdoors activities. *Future plans*: Work with a firm, someday to have my own company.

How would you like to be remembered?: Hard-working, team player, always meet deadlines.

### Peterson, Kyle

Hobbies: Sports, formula 1, reading.

Future plans: Work for Architectural Wall Systems as a Project Engineer for a couple years and after that start estimating for them or another company. I hope to move in with my girlfriend in a couple years and hopefully move back to Texas somewhere.

How would you like to be remembered?: I am a hard worker and will do whatever it takes to get a job done. I also carefree and relaxed and like to have fun with other ConE's. I also like animated Disney movies.

### Redd, Samuel

*Hobbies:* Lifting, eating, reading, biking, interneting, sometimes video games, movies.

Future plans: Structural Engineering grad school, get job, profit How would you like to be remembered?: Not, I am a small piece of the puzzle.

### Rodriguez, Jesus

Hobbies: Playing soccer, Netflix, spending time with daughter. Future plans: Start career as a Field Engineer and move up the ladder. Buy a house and pay student car debt in one year after graduation.

How would you like to be remembered?: A hard working individual that doesn't give up. Determined person.

### Rondon, Andy

Hobbies: Reading, pets, sporting events, learning guitar. Future plans: Moving to Saint Louis with girlfriend to work at CECO Concrete Construction.

How would you like to be remembered?: As a funny, charismatic, hard-working guy.

### Rosenthal, Michael

*Hobbies*: Reading, volunteering at church, playing basketball, spending time with my wife and friends.

Future plans: My wife and I will be in Ames for two more years as I attend graduate school for Structural Engineering.

How would you like to be remembered?: I would like to be remembered that I am a Christian, that I am personable, hardworking and intelligent.

### Ruhser, Nicholas

Hobbies: Outdoors, movies, PC games.

*Future plans*: Full time employment, essentially settle down with a family, continue to work in heavy industry or possibly for general contractor.

How would you like to be remembered?: Hard-working and a person with integrity.

### Schutz, Zach

Hobbies: Golfing, ISU athletic events.

Future plans: I plan to move to Davenport, Iowa, and start working for Tri-City Electric.

How would you like to be remembered?: A hard-working person who is easy to work with.

### Schmitz, Nicole

Hobbies: Wakeboarding, biking, being outdoors. Future plans: Working fulltime, do some traveling How would you like to be remembered?: Fun, hard-working, dedicated.

### Schwab, Dan

Hobbies: Electronics, shooting, Legos, family.

Future plans: Living in Denver with my wife. Have children and work our way back to the Midwest.

How would you like to be remembered?: Respectful, responsible, a team player.

### Shepherd, Kyle

Hobbies: Hang out with friends, spend time with family. Future plans: Become a field engineer or project engineer. Start a family in Midwest.

How would you like to be remembered?: Hard-working, organized, professional, ask a lot of questions, very team/group player.

### Sitzmann, Jordan

*Hobbies*: Boating, snowmobiling, camping, sports. *Future plans*: Get good-paying job, buy a car, buy a house, get married, have kids, have grandkids, die. In that order.

#### Swenson, Ben

Hobbies: Being with friends, being active.

Future plans: Field Engineer at Mortenson Construction in Iowa City.

How would you like to be remembered?: As a successful, hardworking student who was active in the program and seen as a leader to others.

### Truckenmiller, Justin

*Hobbies*: Playing sports, working out, hanging out with friends. *Future plans*: I will be starting my career as a Project Engineer with The Beck Group in Dallas, Texas. I would like to work down there for 5-10 years before moving back to the Midwest and starting a family.

How would you like to be remembered?: As a hard worker and a good friend.

### Van Hiel, Tim

Hobbies: Playing guitar, swimming, running.

Future plans: Move to Chicago, become successful at my job, join a band.

How would you like to be remembered?: A determined, hardworking individual.

#### Winter, Joe

*Hobbies*: Hunting, fishing, biking, spending time with family and friends.

Future plans: I will be working for J&K Contracting as a Field Supervisor after graduation. I will stay living in the Ames area and would like to flip a home or two before I start a family. I also plan on getting more involved with our family farm in my spare time.

How would you like to be remembered?: I would like to be remembered as a hard-working, easy-going guy that is always willing to help others out and have a good time.

#### Wood, Chris

Hobbies: Soccer, running, fishing, reading, lake life. Future plans: I want to move up to Project Engineer within a few years then become a PM for a GC around 5 years. I want to eventually settle down and start a family after my job is all settled in.

How would you like to be remembered?: I want to be remembered as someone who is hard-working and easy-going. I am willing to go out of my way to help others out in need.

### Woodard, Nick

Hobbies: Tennis, running, music.

Future plans: JE Dunn, living in Kansas City for at least 5 years, possibly move to Denver.

How would you like to be remembered?: A leader academically as well as outside the classroom. I believe in Iowa State's program and want everyone to show their potential in the workplace.

### Xiaojun, Jiang

Hobbies: Traveling, making friends, searching delicious food. Future plans: I will go to Boston for graduate school, major in management. Then I will go back to China to start my own business.

How would you like to be remembered?: I'm a hard-working and easy-going person. Like making friends from different countries. If you knew me before, you will find I have become really different, because I have lost 60 lbs.

# **Construction Engineering Class Lists**

By Calendar Year

### 1963 Bachelor's graduates

Bruce Byers, Jack Gethmann, Terry McGiverin, John Sorenson

### 1964 Bachelor's graduates

Andrew Ask, Halvard Johnson (deceased), Thomas Line, Tony Neal

### 1965 Bachelor's graduates

Richard DeMore, Steve Dunlap (deceased), Gary Gotfredson, Ann Lavalie-Schar, Warren Vosler

### 1966 Bachelor's graduates

Fred Andringa, Jim Brubaker, Glenn DeStigter, Jerry Gosselink, Rich Greenlee, Ray Hendrix, Pat Klein, Norm Larson, Vaughn McIlrath, Cork Peterson, James Prochaska, Tom Wedewer, Tom Werderitsch

### 1967 Bachelor's graduates

Darrell Ball, Bob Behling, Mike Carlstrom, Daryl Hallquist, Gary Hemmen, Pete Kaser, Gary Lamb, Doug Lysne, Mike McPherson, John Miller, Mike Paradise, Tom Peterson, Noel Raufaste, Pat Rossmiller, Russ Wall

### 1968 Bachelor's graduates

Don Alm, Leon Ihle, Gerry Larson, Dave Lovejoy, Steve Maloney, Loren Menz, Paul Moltz, Steve Murphy, Rich Oehlerts, Ron Southard, Harold Sullivan, Marvin Ten Clay, Mike Terrell, Larry VanManen

### 1969 Bachelor's graduates

John Buyert, Roger Gilbert, Dennis Lindsley, Tom Prendergast, Jack Taylor (deceased), Gregg Tharnstrom, Sam Thomas, Jock Thompson, and Ed Voss

### 1970 Bachelor's graduates

Jim Berkland, Edd Collins, Joe Dahlman, Les Duff, Bill Frank, Dan Gannon, Jack Guinn, Stanley Hanson, Dave Johnson, Steve Jones, Loren Kneeland, Everett Krug, John Martin, Denny Miller, Merle Ocken, Doug Ohde, Bob Prosperi, Terry Randall, Joe Sanders, Rich Schultz, Bob Smalling, Steve Treharne

### 1971 Bachelor's graduates

Dennis Bausman, Ron Christensen, Jim Coffman, George Enderson, Dave Erb, Gary Forristall, Rick Geiler, Pete Goodwin, Everett Gustafson, Joseph Gordon, Rich Harlson, Jim Kincart, Jim Koepnick, Larry Leege, Jim Maifield, Chuck Major, Lee Martinsen, Dave Miller, Ron Norby, Doug Powell, Dave Ranker, Steve Seifert, Jeff Sheriff, Don Smith, George Spevacek, Dean Swinton, John Thornquist, Chuck VanFossen, Terrence Webb, Jim Whitcome, Larry Workman

#### 1972 Bachelor's graduates

Bob Agnes, Jim Benike, Bob Blahnik, John Borns, Doug Brandes, Ron Deihl (deceased), John Detlefsen, Phil Eckhoff, Bill Eich, Chuck Floyd, Steve Grosland, Tod Hanneman, Dan Ilten, Norm Klootwyk, Gerry Lange, Dennis Lewis, John Lukin, Russ Manning, Larry Moeller, Mike Murphy, Ken Seeger, Mark Shumate, Tom Sido, Mike Stangl, Jim Stecker, Rich Sulzbach, Dennis Thompson, John Walters, Steve Werden

### 1973 Bachelor's graduates

Dennis Alvestad, Rickey Anderson, Craig Calligan, Tim Clark, Dave Dvorak, Steve Engelbart, Ray Flatland, Dennis Fowler, Dennis Gilbert, Kent Glesener, Tom Hale, Craig Hamilton, Bob Hanson, Ron Jochimsen, Doug Jones, Bob Logan, Henry Mathes (deceased), Larry McAlpin, John Menninga, Dennis Naberhaus, Dennis Nott, Doug Ohlfest, Rich Otto, Bob Pfeiler, Fred Rahbar, Tom Rogers, Kevin Strong, Jim Webb, Darwyn Witte, Kyong-Ha Yang

### 1974 Bachelor's graduates

Jim Backman, Dean Barrett, Bob Boswell, Dave Brooks, John Cahill, Paul Campbell, Jim Dickinson, Jason Evans, Warren Fortune, Miles Gardner, Doug Johnson, Tracey Lambert, Steve Leavitt, John Lutt, Ed McCormick, Chuck Nizzi, Gil Perry, Mike Petersen, Bill Pfeffer, Roger Repstien, Jon Tiemeyer, Larry White, Mike Whitlatch

### 1975 Bachelor's graduates

Larry Bjork, Randy Conner, Tony Cotter, Roger Cousins, Jim Dean, Dave Ekenberg, Mark Gronewold, Joe Harmon, Tom Heggen, Mark Herrick, Roger Honsbruch, Steve Jackson, Don Jungst, Steve Kane (deceased), Scott Kinkade (deceased), Tim Leinen, Pat Lorey, Alan Lutenegger, Mike Maas, Tim McFarland, Les Mikulecky, Albert Miller, Joe Mlady, Richard Mueller, Jerry Nieman, Jack O'Brien, Doug Otte, Eric Radius (deceased), Rich Reinke, Scott Richards, Jon Singelstad, Earl "Hap" Spencer, Don Thompson, Harlan Vandezandschulp, Pete Winchell, Wayne Wurzer

### 1976 Bachelor's graduates

Rich Adams, Keith Burbank, Mike Carroll, Steve Downing, Kim Fields, Nick Flannery, Dan Glines, Rich Golay, Wayne Graeve, Mark Hilton, Mike Hunt, Bill Link, Curt McCline, Tom McCormick, Jim McElroy, Steve Ford, Tim Muller, Carl Nelson, Dwayne Netley, Thomas Noonan, Martin Poduska, Louis Riedmann, George Roland, Jerry Sande, Rich Schoene, Isaac Shisler, Bob Seipold, Ken Sorensen, Jeff Spanel, Jeff Stone, Rick Tollakson, Rich Troyer, Rob Vannoy, Lauren Wurzer, Mark Zeigler, Steve Zimmerman

### 1977 Bachelor's graduates

Doug Barry, Dave Bartilson, Steve Blount, Steve Braesch, Cragon Caboth, John Christensen, Gary Crist, Milt Dakovich, Guy Deal, Dave Dickinson, Neal Dodd, Bryan Duffy, Donald Engstrom, John Evans, Ted Feilmeier, Bob Fett, Tom Finnerty, Guy Gast, Bill Goodall, Nick Grunzweig, Craig Hansen, Howard Harris, Steve Hay, Tom Hughes (deceased), Judd Hunemuller, Paul Johnson, Paul Koester, Greg Larson, Don Martin, Pat Murray, Leon

Naberhaus, Jim Robinson, Dean Sandell, Tom Stockdale, Tim Sullivan, Jim Swanstrom, Terry Thompson, Tim Wheeler

### 1978 Bachelor's graduates

Mark Althoff, Rich Alexander, Steve Amento, John Benike, Brian Boesenberg, Jim Bosshart, Rick Brandon, Bob Carter, Jeff Chadima, Dan Churchill, Dennis Churchill, Dave Conlon, Larry Cormicle, Jon Crumpton, Tim Dickerson, Larry Dillon, Pete Douglas, Chris Dummermuth, Ron Elsner, Jim England, Scott Fabere, Tom Fieweger, Jim Fritcher, Mike Gawley, Mike Graeve, Jeff Hansen, Bill Hornaday, Dave Ivis, Steve Johann, Dave King, Jon Koerner, Tom Krage, Steve Lang, Craig Larson, David C. Larson, Dave J. Larson, Doug Lawrence, Chad Lewis, Scott Linn, Bob Marsh, Jeff Moore, Mark Morse, Arthur Newman, Mike Novy, Keith Ones, Rocco Pigneri, Bill Potter, Jim Rainforth, Mike Rehm, Rick Roseland, Habibollah Sabzehzar, Nick Schapman, Pete Shelp, Gary Shevik, Eric Torkildson, Lynn Wenger, John Wolf, Leon Yoder

### 1979 Bachelor's graduates

Aliyu Abubakar, D. Craig Anderson, Dave Anderson, Bill Bales, Larry Beck, Mark Bell, Tom Borns, Mark Boschult, Mike Boucher, Mike Brandt, Darrel Brostrom, Al Bush, Mark Christensen, Rich Clarke, Doug Coffee, Duane Coon, Mark Cramer, Jim Davis, Paul Dawson, Ralph Dillon, Dennis Duke, Larry Erps, Gary Fils, Craig Francois, Alan Gast, Joe Gerleman, James Giannelli, Paul Giroux, Mike Glander, Craig Goettsch, Mike Gorman, Patrick Grablin, Jim Hagberg, Pamela Harman, Lee Harmsen, Steve Hauser, Ed Hendrickson, Paul Henkels, Bill Heston, Dave Hill, Syd Hobbs, Eric Horlyk, Steve Johnson, Mike Karlson, Tom Lebo, Jim Lilly, Jeff Lorenzen, Jerry Ludwig, Gary Marrin, Greg Martin, Spencer McGruder, Jeff McKay, Jay Merkel, Tom Mitton, Dan Mullen, Steve Olson (deceased), Bob Payne, Fred Pech, Ron Pedersen, Gary Prescott, Paul Raymond (deceased), Barry Rogers, Keith Ruhland, Ahmed Sasso, Steve Schmidt, Lynne Schluter, Daniel Schuster, Scott Sheller, Gary Showalter, Mike Sikorski, Stan Simmons, Don Stark, Dan Strotman, Ron Sweeney, Craig Tieck (deceased), Larry Walsh, Jim Walstrom, Jim Washburn, Pete Welin, Bob Westendorf, Kevin Williams

### 1980 Bachelor's graduates

John Adam, Richard Allison, Mark Anderson, Dave Barkley, Rod Bickert, Ali Bitar, Scott Blunck, Bryan Boerschel, David Bosshart, Jim Boutwell, Karl Breckon, Willie Calderwood, Jim Carlson, Doug Carper, Mike Casey, Chuck Connor, Greg Czapanskiy, Scott Davis, Dave Duke, Randy Dusil, Val Fagre, George Feazell, Michael Ford, Kevin Gibbs, Mark Godar, Steve Greenig, Phil Gudgel, Joe Hassenfritz, John Henkels, Randy Holt, Tom Jensen, Dave Johnson, Mark Johnson, Tim Johnson, Jeff Johnston, Randy Kirchner, Fred Kruse, Chris Larson, Kenton Larson, Gary Leapley, Jim Leavitt, Steve Leonard, Jack Man, Dave McCarthy, Norm McDonald, Tom Moore, Doug Morgan, Jeff Nading, Larry Niebuhr, Brett Nuckolls, Bob Pasquariello, Craig Pepper, Becky Peterson, Brad Phillips, Ritchie Price, Wayne Prior, Jeff Pullen, Ted Reeve, Robert Reinke, Pat Richter, Craig Rosenow, Dirk Schafer, Whitney Scully, Lary Sheffert, Scott Smiley, Dean Spratt, Keith Stohlgren, Mike Tousley, John Vogt, Jon Walker, Craig Wallace, George Wang, Brian Weaver, Brian Williamson,

Brandt Williamson, Dana Witt (deceased), Steve Wolter, Scott Wolterman, Rich Wyatt, Ara Yessaian, Kirk Zeller

### 1981 Bachelor's graduates

Ahmad Aliwat, Curt Andersen, Brian Anderson, Rick A. Anderson, Gary Barkhurst, Bruce Beisler, Steve Bell, Jim Benge, Craig Bjorklund, Jim Brady, Tim Brady, Monique Campos Lange, Mike Carpenter, Randy Clarahan, Randy Cole, Thane Davis, Doug DeStigter, Tim Dillavou, Scott Dixon, Kirk Drees, Loren Field, Rich Flathers, Earl Fleagle, James Fosdick, Don Foster, Kent Friedrichsen, John Gehrls, Jim Getman, Paul Goldhorn, Brett Gunnink, Gerry Granahan, Jeff Hall, Peter Hall, Lee Hansen, Hans Hansl, Alex Hart, Doug Herrman, Greg Higginbotham, Doug Hirsch, Kevin Holcomb, Al Holmberg, Larry Hurley, Mark Hunsicker, Gregg Hunter, Scott Hurd, Mike Hutter, Susan (Colbert) Hyler, Craig Kelling, Greg Knau, Dale Knueppel, Robert Krier, Doug Kumm, Kevin Kupka, Ian Lamp, Robert Lie, Dave Little, Brian Littrell, Bob Logan, Steve Logue, Steve Loudin, Jim Lowndes, Mark Loxterkamp, Craig Mack, Chris Manning, George Martens, Peter Martin, Marty Massman, Gary Matt, Dean McCormick, John McDonald, Maryam Morshed, Scott Morton, Pat Neelan, Joe Nestvedt, Jim Nissen, Thomas Novak, Kevin Osgerby, Brad Palmer, Neal Palmer, Gerald Peterson, Deb Pullen-Workman, Owen Raun, Joel Reinert, Steve Roberts, Karl Roth, Mike Sample (deceased), Randy Sanman, Bob Sautter, Jeff Schebler, Terry Schroeder, Jim Schwamman, Tim Seibert, Dan Sloan, Gust Soteropulos, Craig Spidle, Jeff Stewart, Glen Stinn, Dave Tech, Tom Thomas, Jim Thompson, Dan Timmons, Brent Underwood, Dan Venter, Mike Welter, Dave Wenthe (deceased), Dave Wesely, Bryan Zarn, Doug Zerbe

### 1982 Bachelor's graduates

Roger Anderson, Nick Badding, Matt Bailey, Mark Ball, Kent Bearson, Dan Biere, Ralph Boedeker, Mike Bontrager, Tim Boone, Steve Bosshart, Gretchen Bothwell, Scott Bretthauer, Ken Chicoine, Scott Cicciarelli, Daniel Conley, Sarah Craiger, Scott Crosser, Kevin Culp, Bob Dakovich, Dean Denardi, Bob Doss, Dwight Dohlman, Victoria Dumdei, Amir Ebrahimi, Jeff Ehm, Mike Ellingson, Bryan Faktor, Gary Fleming, Jeff Forbes, Dennis Ford, Carey Fowler, Jim Fry, Jay Gabrielson, Bill Gahan, David Gatto, Jeff Geske, Mike Gritters, Dan Hanson, Bob Harmon, David Hawn, Kevin Helgevold, Tom Henderson, Matt Hetzler, Paul Higgins, Steve Ho, Rod Hoffman, Tony Hovenga, Dave Hullinger, Bill Johnson, John Keleher, Steve Kleiman, John Knibbe, Brian Knudsen, Mark Kramer, Fred Langdon, Gary Leach, Chris Lindhart, Jerry Long, Scott Madson, Todd Mattison, Kimberly McDonnell, John Meis, Brad Mills, Al Molln, Michael Morris, Gary Noel, Mark Olson, Paul Oberhaus, Tom Parham, Mike Parsons, Mark Rasmusson, Randy Reihmann, Tom Rolfes, Mike Schmidt, Rick Schultze, Scott Shriver, Mike Shuba, Craig Southorn, Brad Strehlow, Jay Swanstrom, Scott Thompson, Rich Tjelmeland, Kevin Tubbs, Aniekan Usoro, Dan Van Dyke, Larry Welder, Sherman Welker, Jeff Wenzel, Steve Westby, Eric Wilbur, Tim Wright, Jeff Yoder, Dave Yungclas

### 1983 Bachelor's graduates

Kouros Ansari, Jon Barstad, Tim Bickert, Bret Broullette, Jim Cooper, Scott Cranston, Jim Cripps, Jay Dillavou, Jeff Dingwall,

Rhonda Distefano, Joel Doyle, Bryce Erickson, Gary Frentress, Mike Gerard, Abolghassem Ghafghazi, Mark Gmitro, Jim Greco, Nizar Hamad, Mark Haynes, Galen Heying, Scott Higgins, Keith Hill, Ken Houseman, Mark Hutchens, Behzad Jafari, Stephanie Jessen, Brent Johnson, Hamdi Kanaan, Jeff Knight, Greg Kooker, Jeff Larson, Bryan Lower, Bill Lubbert, Jeff Lucas, Brad Martin, Pat McDonald, Don Medema, Phil Neumann, Scott Niebuhr, John Nieman, Nia Ong, Jim Patrick, Lowell Penning, Doug Perrenoud, Gerald Peters, Tim Ranch, Basil Rhymes, Tim Rigsby, John Rivisto, Jim Russell, Ben Schwab, John Shilkaitis, Jamie Sipes, Todd Sirotiak, Jeff Smith, Ray Smith, Kelly Stevenson, Doug Struss, Mike Sugre, Bob TenEyck, Clement Teo, Bruce Thomas, Kim Watson-Eberhard, Dave Wharff

### 1984 Bachelor's graduates

Greg Anderson, Steve Boat, Donna Buchwald, Jon Buenneke, Kevin Butts, Scott Cahalan, Jeff Clancy, Lori Clement, (Michael) Al Coluccy, Dave Coziahr, R. Andrew Cox, Tom Coziahr, Kevin Currie, Kevin Decker, Steve Donner, Joel Doyle, Keith Ebert, Mikel Edwards, Paul Engelstad, Dave Forbes, Andy Frank, Greg Gerdes, Mark Guetzko, Doug Graeve, Bruce Gritters, Jeff Hansen, Todd Hauser, John Hayes, Brad Heemstra, Brian Hodgin, George Jessen, Steve Kaspar, Mike Kaufman, Randy Kibsgaard, Martin Kilheeney, Brian Laurenzo, Andy Lounsbury, Joe Maddy, Dwight Magee, Mike Mathiasmeier, Jane Martin, Seth McLaughlin, Karen Moeller-Thinnes, Catherine Morgan, Amy Myers-Engel, Bryan Myers, Randy Nelson, Bernie Newton, Bob Owens, Donna Praska, Mike Reuland, Dave Ricken, Steven Rogers, Gary Schmit, John Schneider, Jon Sealine, Joel Seaton, Kyle Smith, Mark Sorensen, Darren Spenler, Mike Stensland, Bill Stotts, Eric Stroud, Dallas Sweet, John Thomas, Mark Thompson, Scott Thompson, Clark Taylor, Doug Wall, Dan Ward, Randy Westbrook, Keith Whyte

### 1985 Bachelor's graduates

Dave Albertson, Ali Ali-Tai, Paul Barnes, Kenneth Bonus, Bob Bridger, Kevin Bussard, Rob Callaghan, Greg Carlson, Joe Carsky, Eric Coe, Brian Danielson, Lee Dooney, Todd Ellgren, Bill Faoro, Joe Fay, Scott Fleagle, Greg Franzen, Greg Hansen, Scott Hansen, Martin Hoffey, Steve James, Carlin Jensen, Doug Jessen, Mohammad Kanaan, Paul Kieffer, Jon Kuenstling, Dan Leonard, John Lesh, Al Loeffelholz, Mark Martin, John Meier, Kent Meyn, Chuck Miller, Dave Mortimer, Tyler Nagle, Mark Nolta, Bob Nordland, Bob Parmalee, Ron Pelton, Dave Pepper, Dean Petersen, Kirk Peterson, Jeff Rager, Bill Ringsdorf, Al Schimmelpfennig, Tom Schlueter, Dan Slattery, Steve Smith, Mark Solberg, Kimberly Stephenson-Eucher (deceased), Mike Stoecker, Bob Thomas, Jeff Turk, Mike Turk, Scott Ure, Mike Vaile, Lee Vannoy, Lynn Vannoy, Chris Waber, Shane Walgamuth, Dave Weeks, Jeff Werthmann, Curt Weston, Greg Willis, Jann Wilson, Scott Wittkop

### 1985 Master's graduate

Scott Higgins

### 1986 Bachelor's graduates

Kevin Binder, Gary Boring, Tim Brown, Dan Cahill, Kevin Casali, Kevin Clemens, Gary Conkin, Lisa Cowger, Chip Crawford,

Wadih Daher, Dave Dimond, Dave Dixon, Chuck Ehrlich, Tom Ehrlich, Jon Ewing, Joe Flemming, Steve Freese, Steve Gromala, John Hendrickson, John Katschkowsky, Marc Kinseth, Harry Koenigs, Steve Leverington, Todd Liebbe, Steve Loneman, Steve Ludwig, Greg Marks, Jim May, Francis Modjeski, Dan Novak, Dave O'Dear, Joel Peterson, Dana Rand, Liz Reid-Benjamin, Drew Retz, Aaron Rosenbery, Tom Schmall, Kevin Seyko, Mike Sievers, Larry Sinnwell, Randy Smith, Wayne Snyder, Kevin Spooner, Craig Stearns, Mark Stritzel, Walter Smith, Kok-Heng Tan, Khing Teo, Roger Wendt, Andy Wyckoff

### 1987 Bachelor's graduates

Tom Archer, Nader Antonio Bokaie, Arlan Bolstad, Steve Brandt, Bart Braughler (deceased), Hock Beng Chong, Jim Creath, Steve Daxon, Steve DeGroote, Geoff Eastburn, Steve Fangman, Mark Fowler, Joel Goehner, Andy Granner, Chris Harrison, Scott Hutchens, Don Jones, Craig Jorgensen, Scott Kelly, Chuck Kemp, Mary (Benike) Kisilewski, Russ Lewton, John Mahlstede, Kevin Markhardt, Mark McCarty, Steve Nelson, Scott Newbury, Randy Pauley, Andy Pope, Todd Propp, Scott Roecker, Dan Scholtes, Roger Smith, Mark Swenson, Bill Timmons, Jim Voss, Jim Walker, Jim Whitworth, Scott Wilming

### 1988 Bachelor's graduates

Kurt Bailey, John Brennan, Kevin Brink, Todd Buchanan, Bob Cain, Greg Campen, Ken DeRose, Larry Dix, Don Drake, Ali El-Zein, Steve Ferguson, Ron Gaudreault, Bryan Geisler, Joe George, Tom Gill, Roger Grout, Bob Hamilton, Dave Harmelink, Matt Hindermann, David Howard, Scott Hudnutt, Bruce Hugo, Todd Jabaay, Michael Johnson, Brent Johnston, John Kavouris, Brian Klusendorf, Dave Lancaster, Curt Larson, Jeff Larson, Jeff Lehman, Dave Lehr, Mark Leuer, Ki Sing Lim, Eric Loomis, Ken Meyeraan, John Mozena, Dan Neppl, Scott Niebuhr, Al Perkovich, Jeff Peterson, Ramzi Qamar, Dave Ruggles, Brian Rumpf, Louis Sajovec, Mark Schraeder, Randy Sharp, Mike Smearman, Bob Sodders, Peter Stearney, Tim Tempel, Jeff Wagner

### 1988 Master's graduate

Mark Nelson

### 1989 Bachelor's graduates

Pierre Adam, Greg Armstrong, Walt Babb, Ed Beal, Todd Berry, Allan Bolchazy, Dave Burke, Russ Buscher, Jeff Chapman, Doug Clark, Renee Coffin-White, Daniel Culp, Ron DeHart, Alan Farley, Steve Ganch, Craig Habben, Lance Henning, Nick Herrig, Roger Hunwardsen, Joel Johnson, Jim Kaplanes, Kevin Koellner, Richard LaNasa, Bryan Manfull, Rich Martinson, Haytham Miskawi, Bob Nangle, Chux Nwokedi, Mark Olesen, Tom Parietti, Randy Peters, Tony Quarve, Chris Rech, Ron Rens, Brad Schenck, Joel Schriever, Martin Schuetze, Pat Sleezer, Steve Springer, Phil Stearney, Lim Tan, Pat Van Treeck, Steve Van Weelden, Kurt Welker, Jim Voegel, Saren White

#### 1989 Master's graduates

Yash Anantharaj, Mohd Bachh, Swagata Guhathakurta, Steve Kaspar, Carlos Moreno, Fred Rahbar, Mark Wagner

#### 1990 Bachelor's graduates

Mark Baughman, Kevin Behling, Bill Borgo, Gary Brill, Rich Busch, Jeff Carlson, Stacy Case, Robert Cramer, Steve Day, Tom DeVany, Jeff Drury, Mike Ernster, Mark Egner, Pat Evans, Tim Flickinger, Jeff Geier, Ross Harms, Terry Heiliger, Dave Herzberg, Vince Junker, Chee Kau, Jim Kennedy, Greg Lorei, John Lunsford, Jim Maloney, Wade McKee, John McMullen, Daryl Meisenheimer, Eric Moltz, Mary Nelson-Eliasen, Jon Newton, Alan Nilsson, Tim Righi, Matt Romanowski, Brian Rossmiller, Nick Ruba, Greg Schulte, Tom Schumacher, Paul Snethen, Bill Stauduhar, Steve Struble, Steve Sturm, Chuck Sweetman, Tim Thomas, Mark Wageman, Rick Wagner, Keith Weidenbach, Scott Wendling, Andy Wolter

### 1990 Master's graduates

Esam Badawi, Dave Harmelink, Mike Hubers, Chris Manning, Steve Njos, Muhkerjee Subhransu

### 1991 Bachelor's graduates

Brian Brewer, Earl Collins, Brent Cooper, Judd Davidson, Bob Davis, Tom Davison, Darrin Dehmlow, Prashant Desai, Scott Draper, John Elliott, Mike Espeset, Paul Francois, Cory Freeborn, Pat Gannon, Pat Geary, Douglas Gebhardt, Mark Gilbreath, Mark Gunderson, Djohan Halim, Greg Hemmen, Joe Hentges, Tony Hibbs, Stewart Krummen, Brad Larson, Dan Lewis, Rhonda Lewis, Dave Lyon, Jeff Marks, Mark McDermott, Russ Meier, Kyle Mettin, Doug Moore, Mike Orgler, John Pelton, Doug Persinger, Bart Petersen, Brian Pietig, Steve Pigneri, Gene Postma, Leon Pua, Jay Rasmussen, Kurt Reser, Jeff Schwartz, Shawn Sleezer, Brad Stamp, Steve Swanson, Jason Warren, Tom Wengert, Ken Wydajewski, Joo Yeong

### 1991 Master's graduates

Tom DeVany, Guillermo Recarte, Chandrika Vardhan, Surya Pidaparti

### 1992 Bachelor's graduates

Chuck Anderson, Trevor Anderson, Steve Baumann, Brian Bezanis, Lynnette Buttler, Randy Cummings, David DeGroot, Ali Dobaey, Jim Eipert, Jim Frye, Kendall Griffith, Brad Hofer, Brad Jensen, Curt Johnson, Wayne Kraft, Bruce Marsh, Mike Nelson, James Renoe, Bruce Rewerts, Elizabeth Robertson, Edward Schultz, Mike Sheesley, Dave Stealy, Don Stevens, Troy Turner, Jim Wahle, John Windolf

#### 1992 Master's graduates

Mohammad Asif, Naresh Pallegar, Yvan Rodriguez, Cem Sahin, Rifat Sonmez

### 1993 Bachelor's graduates

Jerry Atcheson, Jason Auer, Anthony Beier, Eric Bertaud (deceased), Steve Clausen, Jason Crookshank, Heather Cunz, Ron Ensley, Eric Floyd, Kyle Greenley, Mike Harger, Kevin Harrington, Vance Hikiji, Greg Hosch, Heather (Cunz) Jensen, Tony Jones, Mark Kintner, Mark Kutchen, Wayne Mander (deceased), John Marburg, Rick Mascardo, Chad Mussman, Scott Neubauer, Kelli Quinn, Kevin Reeg, Kent Ristau, Kirk Seely, Sean Terrell, Steve Troyer, Bill Vandenberg, Jeff VanEs, Kevin Voss

#### 1993 Master's graduates

Kevin Behling, Mike Orgler, Salim Rajan, Gad Roitman, Virdi Gurvirinder

### 1994 Bachelor's graduates

Chris Ahrenholtz, Shakil Ansari, Tim Becker, Steve Brindle, Brice Blank, David Burgus, Chad Bunner, Brad Churchill, Marcus Fedler, Bob Frohn, Matt Garwood, Mark Haines, Dan Hoefert, Darin Jacobs, Travis Lourens, Shane McFadden, Allen Mcintosh, Steve Miller, Tony Miller, Trent Mostaert, Chris Paris, Lorri Paul, Nick Ruden, Jay Runestad, Dave Stanley, Steve Stecker, Scott Turczynski, Kent Vaske, Rondea Wine

### 1994 Master's graduates

Anslem Tirimanne, Sheng-Jer (Daniel) Wu

### 1995 Bachelor's graduates

Ahmad Al-Khayyat, Kirk Alm, Aaron Benike, Andy Benkert, Kent Brcka, Dan Bruce, Dave Cantrell, Scott Carrigan, Paul Chandler, Stephanie Clausen, Jeff Colton, Jennifer Davisson, Matt DeJong, Steve Eikanger, Grant Elliott, Mike Ernst, Scott Feller, Dave Fisk, Dean Herbst, Brad Jones, Jason Jones, Chad Kehrt, Sharon King, Doug Larson, Amy McConeghey, Gary McDermitt, Brian McDermott, Bill McKee, Tom Melton, Ron Marolf, Greg Menke, Kevin Merryman, Brent Nagen, Dan Pittman, John Pladsen, Mark Sheets, Anthony Sherman, Jeff Smith, Andy Stapleton, Bill Van Rossum, Jason Walker, Scott Ward, Judson Wilmott, Melissa Winterstien, Ray Zeliadt

### 1995 Master's graduates

Sara (Birkland) Elliott, Justina Erviritina, Abie Ladson

### 1995 Doctoral graduate

Dave Harmelink

### 1996 Bachelor's graduates

Ammar Al-Ojaili, Scott Anselme, Shane Baker, Kevin Beaulieu, Thomas Becker, Russ Bertrand, Rich Brumm, Yuan Chin, Darren Conlee, Shawn Dziedzic, Eric Ekstrand, Lance Elliott, Erick Eshelman, Todd Goodrich, Michael Halbur, Troy Hodapp, Kim Hubbard, Rod Johnson, Craig Kolacia, Jeremy Lux, Todd McCollough, Curtis McDowell, Bryan Michal, Matt Miller, Melinda Packebush, Kowk-Chu Pang, Nate Pearson, Stephanie Rohler, Bryan Schnurr, Kirsta Scranton, Paul Solberg, Amy Stairs, Phillip Stephenson, Chad Terry, Aaron Tubbs, Rose Marie VanZandt, Mike Wallis, Joel Waltz, Brian Wells, Ted Willis, Stacy Zerr

#### 1996 Master's graduates

Rich Busch, Eric Carlson, Carter Dedolph, Lance Elliott, Beth Hartmann, Laura McCollough, Arcot Naresh, Brad Sonnenberg, Kelly Tilford, Robert Weddall

#### 1996 Doctoral graduate

Rifat Sonmez

#### 1997 Bachelor's graduates

Said Almaawali, Tom Binder, Troy Blizzard, Jason Brown, Brian Check, Tim Chipman, Mike Cooper, Kevin Dalager, Chad Derus, Beth Duyvejonck, Shawn Dziedzic, Seth Elgin, Joe Fisher, Chris Fleshner, Mike Friesth, Darin Hage, Michael Hass, Tom Heger, Sarah Hellman, Mark Hoenk, Matt Huggins, John Hyun, Walt Jackson, Michael King, Gregory Kinser, Chad Kirby, Aaron Knepel, Matt Koenen, Colleen Ladd, D.H. Gabriel Lau, Joe Lauritson, Kevin Lex, Jeff Manning, Jeremy Manning, Jim Martin, Jamey Meints, Scott Meldrum, Scott Mortensen, Craig Moss, Chad Nelsen, Pete Nielsen, Ben Nikolin, Chris Obrecht, Kevin Ott, Brad Perkins, Chris Pfeifer, Eric Roitsch, Brad Sanders, Travis Schwartz, Robby Schwarzenbach, Mark Simbrowsky, Eric Simon, Troy Smothers, Angie Snyder, Joel Stueland, Jason Thomas, Bomb Topark-Ngarm, Doug Waldeier, Tim Wong

### 1997 Master's graduates

Bryan Cawley, Todd Sirotiak

### 1997 Doctoral graduate

Faramarz (Fred) Rahbar

### 1998 Bachelor's graduates

Karmyn Babcock, Dan Baxter, Jennifer Bleigh, Nicole Buscher, Adrianne Cline, Josh Coppes, Clayton Cubbage, Aaron DeCamp, Jason DeStigter, Dale Drent, Dale Even, Aaron Gordon, Jeff Hammer, Matthew Harrington, Charlie Harris, Tyler Harris, Rodney Hintz, Marc Hughes, Matt Jepsen, Dan Keagle, Ryan Kipp, Ryan Krogstad, Chris Krumwiede, Ann Larson, Chad Layland, Mario Leuzzi, Kevin McClain, Greg Mitchem, Ryan Moore, Shawn Moser, Luke Naughton, Brent Nielsen, Corey Nook, Cole Philips, Casey Port, Dan Pottratz, Jason Rechkemmer, Brandon Reynolds, Jamie Rich, Jennifer Rusk, Matt Ryan, Frank Sarno, Alisha Schmitz, Jonathan Schiefer, Brian Shattuck, Eric Sill, Stacy Slater, Chris Smith, Matt Smith, Chris Stewart, Mark Stoller, Holly Streeter-Schaefer, Khim-Leong Tan, Craig Tobin, Chad VanRheenen, Steve Watson, George White, Darrin Wirt, Kirk Wischmeyer, Jon Wolff, Han-Meng Woo, Siew-Chin Yeong

### 1998 Master's graduates

Ahmed Al-Hammadi, Serhan Celik, Brian Ellsworth, Chris Nelson, Steve Pigneri, Khim-Liong (Lawrence) Tan

### 1999 Bachelor's graduates

Jeff Andrews, Ken Bronson, Greg Burda, Cheryl Carlson, Kevin Charlson, Brandon Christiansen, Rich Clark, Jeremy Cortesio, Brian David, Andrew Earhart, Steve Edwards, Aron Frakes, Brian Gaul, Azmi Ghozi, Tara Gleason, Cortney Graber, Matt Gumm, John Halloran, Matt Hamilton, Mike Harryman, Tara Henson, Steve Heyne, Corey Higgins, Shawn Holmes, Aaron Homan, Todd Kamp, Travis Kock, Travis Kuehner, Scott Kutchen, A.J. Loss, Ben Lovin, Chris McNamara, Aaron Miller, Matt Miller, Rich Montague, Sam Nanfito, Vijay Narayanan, Michael Nelson, Ryan Nelson, Garrett Nordyke, Katie Pacholski, Jeff Penning, Tracy Petricka, Quentin Platt, Jason Schuster, Dustin Schwake, Aimee Seivert, Dave Smith, Jenny Spence, Darin Stevenson, Ted Teegarden, Brian Teeters, Jamella Tolbert, Tim Tometich, Jason Vorwald, Wing-Kei Wong, Alicia Worden

### 1999 Master's graduates

Matt Fagen, Branden Stephan, Siew-Chin Yeong

### 2000 Bachelor's graduates

Derik Aido, Jon Altes, Chad Bassman, Travis Benson, Jamie Beyer, Vanessa Brandt, Mike Callahan, Adam Cameron, Chris Dudding, Hudsadin Eamsherangkul, Todd Edsall, Judith Ehmer, Todd Friemel, Melony Gibbs, Steve Golumbeck, Brian Hedgren, Ryan Heier, Matt Hillis, Robert Hostetler, Brandon Jones, Eric Kaufman, Nathan Kirstein, Jeff Knepper, Emily Kunz, Hoon-Hong Lee, Mark Leusink, Andy Lundy, Todd Majeres, John Maranowicz, Jeffrey Martin, Mike McCoy, Matt McKinney, Jon Merk, Ben Merta, Valarie (Bullard) Meyer, Katie Minter, Stephanie Morrison, Adam Papesh, Ryan Peterson, Pat Prediger, Matt Proctor, Dominic Punelli, Nate Purdy, Chad Rafoth, Matt Ralston, Lindsay Sauer, Ross Schaefer, Ron Stafford, Dave Swies, Bruce Timmons, Paul Tremmel, Brandon Valdez, Jay Wavering, Eric White, Jason Willis, Nick Wolf, Hannah Wooledge

### 2000 Master's graduates

Karmyn Babcock, Judith Ehmer, D.H. Gabriel Lau, Chun Li, Iwan Pribadi, Hernando Quintero, Jeff Stewart

### 2001 Bachelor's graduates

Heather Adams, Ben Bruns, Heather Burns, Chris Clausen, Scott DeYoung, Charles Dyxin, Dave Flemmer, Chad Goddard, Ben Golding, Kasey Harken, Corey Harms, David Herrema, Travis Hodapp, Kevin Hodgson, Megan Hurd, Brian Irlbeck, Jaquelyn Junginger, Lee Kaiser, Nic Kaminski, Angela Kelly, Jeff Knutsen, Adam Kouri, Chris Krieg, Scott Kueter, Matthew Larson, Celeste Lewis, James Lutter, Andrew Manatt, Ryan May, Ibrahime M'Bbapanza,, Jason Miner, Rik Myhre, Steve Nelson, Brian Overbaugh, Dave Peterson, Ross Piper, Brian Pittman, Kyle Rahe, Jon Richardson, Nic Riesenberg, Meaghan Ryan, Rodney Sanders, Jeff Scandrett, Dale Schwager, Andy Smith, Loren Snyder, Shamus Stephens, Justin Strahan, Craig Streit, Barry Sullivan, Aaron Toney, Elizabeth Valdez, Jonathan Vandekrol, Matt Vander Pol, Matt Vanheiden, Krista Viet, Tim Vogel, Kevin Walker, Jason White, Rory Wiebel, Elizabeth Wood

#### 2001 Master's graduates

Ozdemir Cetin, Tarek Elmisalami, Zhili Gao, Dongying (Judy) Jiang, Cynthia Patterson, Syuin-Chet Tee

### 2001 Doctoral graduate

Tarek Elmisalami

### 2002 Bachelor's graduates

Casey Ackermann, Nicholas Aldrich, Jeffrey Austin, Adam Boelman, Kyle Bolejack, Alex Bonzer, Timothy Bouska, Douglas Bristol, Timothy Callahan, Luke Czerwinski, Russell Dodson, Josh Dooley, Christopher Doyle, Alan Elder, Jason Engel, Phillip Engler, Darwis Fensury, Nicholas Ford, Brandon Frideres, Gretchen Frietsche, Aaron Garner, Jonathan Hand, Michael Hazel, Edward Heggen, Kelly Henderson, Joshua Hermsen, Peter Huey, Matthew Jesson, Erik Johansen, Kevin Kain, Issa Karadsheh, Kathleen Kies, Bradley Klinkefus, Christopher Kreftmeyer, Melissa Leek, Nicholas Leimer, Terry Leonard,

Bradley Linman, David McLatchie, Theodore Meiners, Paul Meyer, Elizabeth Monaghan, Wesley Murdoch, Michael O'Connor, Adam Pfab, Adam Petersen, Brian Pollock, Yiendra Porayouw, Aaron Ripple, William Roozenboom, Michael Schaefer, Rolando Schrupp-Rivero, Brandon Schulte, Shadrach Sporaa, Jamie Stanley, Diane Strawn, Joseph Strub, Bradley Sullivan, Don Swanson, Matthew Thompson, Cynthia Twedt, Brian Van Arendonk, Jaron Vos, Jason Wells, Jason Wiener, Matthew Wiener, Tim Williams, Adam Wood

### 2002 Master's graduates

Jamie Beyer, Dong Chen, Aldona Jelinek, Melissa Leek, Jingxi (Cece) Li, Lifeng Li, Michael McArtor

### 2003 Bachelor's graduates

Zachary Allen, D Bradley Barickman, Joseph Beumer, Nathan Blomme, Adam Boeckmann, Matthew Bosman, Tylor Bottorff, Phillip Burgmeier, Brant Carr, Nicholas Carter, Ryan Cheeseman, Justin Clausen, Chad Coalbank, Edward Cox, Barry Determan, Isaac Drew, Eric Farley, Jodel Fesenmaier, Brian Fliehler, Nathan Franje, Tony Fucinaro, Cory Gapstur, Nathaniel Hagberg, James Hapke, Nathan Harty, Michelle Heikens, Derek Hemphill, Joshua Herman, Perry Hines, Sarah Homan, Benjamin Hott, Hilary Jensen, Quincy Jones, Brian Kacmarynski, Nicholas Kopp, Brad Kunz, Justin Lechtenberg, Ryan Llewellyn, Alan Manyin, Julie Martin, Jennifer McMinemee, Walter Nashert IV, Cheri Nordstrom, Nicholas Obbink, Ananto Prasetyo, Joseph Prosek, Tyler Raun, Phillip Ross, John Ryan, Joel Schimmer, Kyle Schott, Scott Shifflett, Korey Schroeder, Grant Sjostrom, Adam Smith, Eric Soenksen, Joshua Staudt, Nathan Summers, Cody Tacke, Joseph Tripp-Rieks, Edna Vazquez, Matthew Van Loon, Ryan Weller, Michael Wolfe, Yew-Choong Wong, Christopher Wood, James Young, Jr

### 2003 Master's graduates

Mauricio Arbelaez, Stephen Frank, Jacob Thorius

### 2004 Bachelor's graduates

David Audino, Nurhidayah (Hida) Azmy, Anthony Bernhard, Brian Bishop, Matthew Bockes, Brent Boots, Justin Brown, Nathan Burgod, Rusty Chamberlain, Andrew Cilio, Michael Clayburg, Alexis Coen, Kassi Colman, Melissa Conley, Eric Cowles, Timothy Davis, Ross Dix, Ryan Edwards, Benjamin England, Ariana Wright Gleisberg, Justin Grager, Anthony Grieser, Angela Guggisberg, Ryan Hawkins, David Hayek, Jacob Hotchkiss, Jason Hulsebus, Sarah Hundley, Jared Jones, Ryan Kauffman, Brett Ketelsen, Bradley Kruse, Mark Lee, Louisa Lorensen, Craig Montz, Jordan Muller, Andrew Munsch, Thomas Osier, Joshua Payne, Leslie Peterson, Matthew Madison, Clinton Rhoads, Jason Romero, Anthony Scully, Donavan Smith III, James Smith, Russell Smith, Mark Snyder, Daniel Solem, James Sparks, Hui-Tong Su, Thomas Swinning, Peter Taylor, Richard Tucker, Sara Van Roekel, Shane Weis, Brian Wessels, Alan White, Nicholas Darrell Williams, Nicholas David Williams, Geoffrey Zehnder.

### 2004 Master's graduates

Kiran Ankanahalli-Shivaram, Jin-Wook Chung, Manop (Lim) Kaewmoracharoen, Seonghoon Kim, Deepak Makarla, Tolga Meco, Mary Rukashaza, Diane Strawn

### 2004 Doctoral graduates

Augusto Canales, Zhili Gao

### 2005 Bachelor's graduates

Mark Anthony, Brian Blank, Michael Boettcher, Scott Borgerding, Benjamin Bunge, Richard Corcoran, Brian Crow, Jamie Crubaugh, Jeffrey Elkins, Justin Fisher, Gareth Fleischer, Andrew Grubb, Steven Halverson, Julie Halvorson, Joseph Harris, Matthew Hornibrook, Eric Jestrab, Minas Kavallieros, Brian Klemme, Nicholas Lauters, Kerry Megraw, Tyler Meyerholz, Kent Mickelson, Joshua Miltenberger, Tyrel Murray, Justin Olson, Cliff Plymesser, Jeffrey Quinn, Michael Richardson, Bryan Sandvig, Clifford Schafer, Kirt Schmidt, Dominique Selgrade, Joshua Thrap, William Treasure, Brett Walker, Chad White, Gary Wickering, Luke Wilgenbusch, David Wilson, Crystal Wojtysiak

### 2005 Master's graduates

James Nelson, Hariharan Pattabhi Seetharaman, Cliff Plymesser, Nolan Raadt, Edna Vazquez, Nicholas Williams, Zheng Zhong

### 2006 Bachelor's graduates

Stephen Ahlers, Anthony Alleman, Robert Amundson, Nicholas Andera, Jerad Andersen, Nicholas Andersen, Nicholas Bement, Jason Bersch, Anastasia Bitker, Jason Brekken, Russell Bollig, James Bowers, Josh Braby, Aaron Brace, Carl Brush, Aaron Bunge, Joseph Butler, Scott Cornelius, Michael Cramer, Kenneth Dittus, Jonathan Doll, Case Doorn, Ryan Drapeaux, Philip Emanuel, Anthony Erickson, Ryan Ferris, Curt Gillum, Glen Gleason, Ryan Haaland, Ryan Hackenmiller, Richard Harris, Scott Hildebrand, Chad Hotovec, Jake Humphreys, Eric Johnson, Derek Juhl, Jamie Knox, Jacob Kress, James Kurth, Benjamin Lehan, Jonathan Lewton, Kevin Lind, Tyler Manker, James Matzinger, Patrick McClain, Ryan McGuire, Jeffrey McKee, Peter Mercuris, Nathan Mittag, Jeffrey Moellers, Craig Montgomery, Adam Nelson, Lincoln Nichols, Dustin Nordell, Matthew Olberding, Nels Overgaard, David Parr, Zachary Peterson, Joshua Pick, Nathan Pilcher, David Rahe, Tyler Ramaekers, Eric Rasmussen, Gina Riesberg, Nicholas Rivera, Chad Schmidt, Bradley Schoch, Daniel Seiler, Jonathan Shepherd, Aaron Smith, Derek Snead, Andrew Stoulil, Luke Strahan, Brett Templeton, Nicholas Tjaden, Justin VanCoughnett, Andrew Wagner, Dustin Waters, Colin Waits, Cole Weaver, Arlo Wieczorek, Michael Woolley

### 2006 Master's graduates

Nathaniel Hagberg, Eric Jestrab, James Tometich

### 2006 Doctoral graduate

Dong Chen

### 2007 Bachelor's graduates

Matthew Barchman, Brian Boekholder, Nicholas Caratelli, Lucas Clausen, Adam Clemons, Brad Corkrean, Adam Dillavou, Adam Douglas, Lee Ebel, Jason Eveland, Christopher Fredericksen, David Frischmeyer, Daniel Frohardt, Joshua Gaube, Wayne Gordon, Rondal Hale, Brandon Halsey, Samuel Hoffman, Jesse Howe, Ashlynn Hunter, Kakeru Iikubo, Kelsey Johnson, Aaron Kendall, Thomas Kinsinger, Jason Knipp, Andrew Kobusch, Kristen Koch, Klint Kruse, Jessica Kundinger, Anthony Latoria, Eric Lindquist, Caleb Lyon, Tyler Mark, Jerry Mihovilovich,

Geoffrey Miller, Kyle Mueller, Jonathan Nack, Jacob Nollin, Kelsey Peverill, Eric Poland, Clifton Rhoads, Andrew Rotta, Casey Schafbuch, Christopher Schweers, John Seidl, Tyler Sparks, Zachary Steffen, Gabriel Stofferahn, Mark Sullivan, Christopher Thennes, Richard Trower, Nicholas Veldman, Benjamin Verdon, Andrew Vogel, John Vonnahme, Lucas Wall, Adam Ward, Daniel Ward, Matt Weller, Jesse Werner, Joshua Wiederholt, Brandon Wollery, Douglas Woolever, Benjamin Wright, Carl Zeilger

### 2007 Master's graduate

Mayur Bisani, Cole Landau, Darren McWhirt

### 2008 Bachelor's graduates

Randall Andrews, Loren Bouchard, Adam Brainerd, Michael Christy, Shawn Corey, Shawn Culhane, Dustyn Curran, Adam Drake, Scott Ewell, Vincent Fadden, Zachary Finch, Jonathon Gapinski, Robert Greiner, Troy Greve, Michael Hameister, Jacob Harris, Brian Harry, Amanda Hausman, Matthew Haverkamp, Samuel Heinselman, Kevin Heisdorffer, Matthew Hendrickson, Anders Hurd, Justin Jackson, Renoj Jacob, Timothy Jennett, Brian Johnson, Derrick Jungers, Ben Kruse, Grant Lovin, Zachary Lov, Matthew Luck, Lemuel Mamuya, Lee Marbach, Joshua Markel, Aaron Martens, Cory McDermott, Tyler Millard, Jason Moritz, Andrew Norton, Katie Olson, Ryan Paul, Paul Pestel, Andrew Petersen, Bruce Pomerleau, Kelsey Powell, Cole Qualheim, James Rhynas, Drew Roberts, Paul Roggenbuck, Robert Rypma, Bryan Schmidt, Gregg Schmidt, Garrett Schroeder, Scott Schurman, Matthew Schwark, Robert Scott, Andrew Siegrist, Jeffrey Soseman, Edward Sowder, Jesse Spain, Mitchell Stoulil, Brian Streeper, Brian Sullivan, Jeffrey Theis, Robert Tiedeman, Seamus Turnbull, Jon Van Erkel, Cody Weber, Joshua West, Thomas Wetmore, Joshua Wise, Dustin Worthington, Adi Zhuravel, Alexander Zikra

### 2008 Master's graduates

Mohammed Al Qady, Asish Seeboo

#### 2008 Doctoral graduates

Islam El-Adaway, Todd Sirotiak

#### 2009 Bachelor's graduates

Sean Anderson, Luke Barnum, Nicole Bell, Anthony Blasco, Ryan Bolinger, Ryan Bowers, Clark Bruellman, Sean Brummer, Noemi Calderon, Lucas Cassidy, Timothy Corcoran, Christopher Daniels, Nicholas Dekovic, Hermes Diaz, Jeremy Edmondson, Alex Egeland, Scott Elliott, Brenton Formanek, Michael Grim, Joben Grimmius, Kyle Grunder, Nathan Hamm, Matthew Harder, Christopher Heemstra, Michael Hopp, Samuel Jennett, Alexandre Jensen, Erik Johansen, John Kelly, Gregory Knudsen, Matthew Koester, David Kubik, Matthew Larsen, Joel Loes, Brian Madsen, Matthew Magnuson, Jessica Meredith, Luke Miller, James Nielsen, Austin Norberg, Nick Olson, Luke Peterson, Ryan Peterson, Jeffrey Peterson, Eric Peterson, Brian Phipps, Ryan Pigneri, Garett Plotts, Edward Predl, Derek Rehm, Bradley Reid, Ewatt Roberts, Megan Schlag, Zachary Smith, Brian Steffens, Derek Stickfort, Landon Streit, Daniel Stukenholtz, Terry Tipp, Jerry Van Oort, Kyle Weller, Frederick Chase Westercamp, Scott Williams.

### 2009 Master's graduates

Aaron Brncich, Cory McDermott

### 2009 Doctoral graduates

Daniel Enz, Manop Kaewmoracharoen, Tarek Mahfouz

### 2010 Bachelor's graduates

Douglas Allen, Marc Basara, Claire Bassett, Michael Berg, David Boulanger, Clark Bowden, Peter Cade, Anna Claussen, Camron Collier, Ryan Collins, Scott Cutler, Peter Cutler, Luke Daugherty, Austin Davis, Alicia Davison, Marko Dostanic, Laura Ellis, Jake Fuller, Ted Gerber, Nicholas Goedken, Karl Hafencher, David Hanks, Trevor Hanus, Benjamin Harriman, Austin Hennessey, Jimmy Hilton, Matthew Jahnke, Michael Janechek, Matthew Karns, Keith Kimsey, Jason Klein, Jonathan Klemm, Chad Lane, Brian Leitch, Matthew Lewton, Andrew Lowthorp, Jay Mathes, Mitchell McColloch, Ryan McGreger, Anthony Meinke, Brad Meyer, Brandon Montgomery, Jacob Moss, Michael Moye-Rowley, Patrick Mulloy, Boyd Netley, Arren Nguyen, Phillip O'Loughlin, Rowdy O'Grady, Nick Olson, Bradley Paulsen, Michael Pokorney, Rachel Potthoff, Blake Pratt, Ryan Quid, Patricio Quiroga Cruz, Ewatt Roberts, Nicholas Roberts, Christopher Rosso, Matthew Schultz, Michael Schupbach, Johnathan Seibert, Ryan Shabino, Ryan Sievers, Branton Smith, Nathan Steffes, Nathaniel Stevenson, Colton Taylor, Taylor Theulen, Andrew Trible, Brian Van Utrecht, Matt Warner, Steve Wiitanen, Tanner Wilks, Nathan Wolfe, Nicholas Wolff, Matthew Zaletel

### 2010 Master's graduates

Ali Satar Ali, Larry Cormicle, Kevin McLain, John Owens, Jainarine Ramkumar, Elizabeth Thoma, Tong Wang, Aaron Zutz

#### 2011 Bachelor's graduates

Casey Adams, Aaron Andersen, Benjamin Bakkum, Daniel Blake, Luke Bowdish, Ryan Catus, Mitchell Cleveland, Jacob Conkin, Aidan Conlon, Scott Cronin, Steffan Custer, Konrad Dabrowski, Kyle Deeney, Zachary Dennis, Ryan Dickey, Christopher Engelstad, Lauren Fleming, Eric Grewcock, Kenneth Gutowski, Grant Hagen, Wesley Hinnah, Bridget Horan, Scott Hoskins, Walter Hudyma, Cory Jacobs, Jacob Johnson, Erica Kabat, Alexander Kaehler, Peter Kataras, Ryan Keairnes, Sung Kim, Erik Klinsky, Thomas Koloseus-Gagnon, Coleman Lange, Kevin Leavitt, Michael Lebler, Joseph Letchford, Bailey Marlow, Alex McBride, Joshua McNab, Sasha Mecham, Paul Merkle, Austin Meyn, Brett Miller, Bridgette Miller, Justin Moffitt, Adam Mueller, Matthew Murphy, Nimota Nasiru, Ryan Nelson, Ryan Noteboom, Emily O'Keefe, Thomas Owen, David Parr, Bryan Perry, Jay Prettyman, Derek Prouty, Joey Rains, Shawn Rasmussen, Brendon Reiff, Shea Ridge, Ian Rinker, Christopher Roderick, Justin Roeglin, Angela Rohde, Brian Rucka, Eric Sanders, Marcus Seden, Jacob Shaw, Philip Sidles, Alex Spencer, Creighton Stifel, Guy Thevenot, Michael Van Drew, Jaden Vos, David Warning, Brian Watson, Robert West, Lauren Wiest, Alexander Wright

### 2011 Master's graduates

Jonathan (Jack) Creviston, Bradley Kruse, Sayanti Mukhopadhyay, Jose Perez, Brad Perkins

### 2012 Bachelor's graduates

Steven Amberg, Michael Bear, Tyler Beck, Vincent Borovic, Jacob Boyle, Travis Bricker, Logan Brinkman, Cody Brinkmann, Corey Brown, William Bruce, Kirby Caraveo, Tadd Carr, Lauren Caswell, Zakary Cole, Robert Cotan, Thomas Crary, Robert Dalluge, Carlton Davis, Kara Ekholm, Alyssa Fallon, Thomas Gaffney, Alex Grandgeorge, Austin Green, Cory Hackett, Maria Hannasch, Amanda Hansen, Brett Hauser, Wesley Hazelett, Kayla Heetland, Matthew Hoch, Kaleb Hoover, Brittany Horak, Michael Huff, Kyle Hughes, Blake Jensen, Eric Johnson, Evan Johnson, Keagan Johnson, Kathryn Kern, Kai Kilen, Justin Koenen, Jared Krull, Tyler Kumm, Jeffrey Larson, David Lukan, Nathan Magill, Nicholas Mann, Shawn McKenzie, Thomas McLoughlin, Wade Mootrey, Cassandra Naber, Innocent Ndayinzeye, Jonathan Nekvinda, Bryce Ogea, Eric Olinger, Renee Pike, Terese Ragaller, Kyle Revesz, Andrew Reynolds, Matthew Roth, Rachel Rottinghaus, Patrick Rumpza, Jacob Schneider, Jon Schrobilgen, Karlianne Schwake, Michael Sheston, John Shroyer, Kyle Sievers, Joshua Singsank, Ryan Smith, Matthew Sommerfeldt, Jacob Sprecher, Lauren Swarts, Eric Tabbert, Cole Van Ryswyk, Kyle Vansice, Sam Vorrie, Kolton Wagaman, Dustin Wheatley, Lee Yocum, Jonathan Yungtum, Kyle Zach, Dakota Zimmerman

### 2012 Master's graduates

Fangyu (Denise) Guo, Jay Mathes, Angel Morandeira, Miguel A. Guerra-Moscoso, Jeanna Schierholz, Jacob Shaw, Nicola West

### 2012 Doctoral graduates

Nurhidayah (Hida) Azmy, Ghada Gad

### 2013 Bachelor's graduates

Robert Berger, Jessica Besonen, Adam Bradford, Brandon Bratz, Nicholas Brim, Zachary Broshar, Ethan Brown, Trevor Brown, Zach Burds, Blake Carolan, Joseph Cicciarelli, Mark Conniff, James Creath, Luke Demmel, Kasandra Dickerson, David Dirks, Dylan Dorsey, Jacob Eckard, Jeremy Eekhoff, Jordan Einck, Andrew Fisher, Austin Gehm, Matthew Goodhue, Thomas Gorman, Nicholas Graf, Timothy Gregg, Robert Greiner, Trevor Haden, Kelda Hankins, Steven Hatland, Brian Helmold, Andrew Hodge, Ross Holthaus, Jordan Hutchens, Dane Jenkins, Stuart Jennings, Caleb Jens, Peter Johnson, Jacob Jorgensen, Colin Judd, Derek Kohn, Kelsey Kraft, Ashley Kruger, Kelsey Laing, Alius Lapinskas, Brit Laurenti, Phillip Lechowicz, Austin Maginnis, Matthew Miklya, Adam Miller, Anthony Mueller, Tyler Mueller, Trevor Otto, Hannah Pechmann, Karl Peterson, Alex Phililpsen, Dennis Platt, Jessica Pohlman, Taylor Puelz-Burgin, Grant Reimers, Branson Ropp, Eric Ryan, Bryce Satterly, Ethan Schroeder, Brandon Schwinghammer, Shawn Seaton, Phillip Shaw, Dane Sorensen, Cory Steffen, Michael Thiel, Alexander Toth, David Tresner, Justin Wenger, Thomas Yung, Nicholas Zahner, Jianing Zhang

### 2013 Master's graduates

Elika Bahrevar, Francis Dayamba, John Mallen, Jorge Rueda Benavides, Nicole Schmidt

### 2014 Bachelor's graduates

Andrew Allard, Nicklas Beck, Alexander Buscher, Jace Christensen, Nicholas Clobes, Daniel Dammann, Michael Donlin, Aaron Elston, Allen Fisher, Brian Hampel, Mitchell Hankey, Sean Heinz, Zhenhua Jia, Xiaojun Jiang, Cole Jordan, Steven Long, Perry Martens, Justin Menke, Zachary Mitchell, Richard Morgan, Patrick Myers, Jonathan Nalevanko, Jared Neiers, Justin Parker, Kyle Peterson, Samuel Redd, Jesus Rodriguez, Andrew Rondon, Michael Rosenthal, Nicholas Ruhser, Nicole Schmitz, Zachery Schutz, Daniel Schwab, Kyle Shepherd, Jordan Sitzmann, Benjamin Swenson, Justin Truckenmiller, Duong Van, Timothy Van Hiel, Joseph Winter, Christopher Wood, Nicholas Woodard

### 2014 Master's graduate

Kate Hunter

### 2014 Doctoral graduate

Asregedew Woldesenbet

# **Alumni Index with Year**

Abubakar, Aliyu	BS1979	Ansari, Kouros	BS1983	Beier, Anthony	BS1993
Ackermann, Casey		Ansari, Shakil		Beisler, Bruce	
Adam, John		Anselme, Scott		Bell, Mark	
Adam, Pierre		Anthony, Mark		Bell, Nicole	
Adams, Casey		Arbelaez, Mauricio		Bell, Steve	
Adams, Heather		Archer, Tom		Bement, Nicholas	
Adams, Rich		Armstrong, Greg		Benge, Jim	
Agnes, Bob		Asif, Mohammad		Benike, Aaron	
Ahlers, Stephen		Ask, Andrew		Benike, Jim	
Ahrenholtz, Chris		Atcheson, Jerry		Benike, John	
Aido, Derik		Audino, David		Benkert, Andy	
Al Qady, Mohammed		Auer, Jason		Benson, Travis	
Aldrich Nichalas		Austin, Jeffrey		Berg, Michael	
Aldrich, Nicholas		Azmy, Nurhidayah		Berger, Robert	
Alexander, Rich		Babb, Walt		Berkland, Jim	
Al-Hammadi, Ahmed		Babcock, Karmyn		Bernhard, Anthony	
Ali, Ali Satar		Bachh, Mohd		Berry, Todd	
Ali-Tai, Ali		Backman, Jim		Bersch, Jason	
Aliwat, Ahmad		Badawi, Esam		Bertaud, Eric	
Al-Khayyat, Ahmad		Badding, Nick		Bertrand, Russ	
Allard, Andrew		Bahrevar, Elika		Besonen, Jessica	
Alleman, Anthony		Bailey, Kurt		Beumer, Joseph	
Allen, Douglas		Bailey, Matt		Beyer, Jamie	
Allen, Zachary		Baker, Shane		Bezanis, Brian	
Allison, Richard	BS1980	Bakkum, Benjamin	BS2011	Bickert, Rod	BS1980
Alm, Don	BS1968	Bales, Bill	BS1979	Bickert, Tim	BS1983
Alm, Kirk	BS1995	Ball, Darrell	BS1967	Biere, Dan	BS1982
Almaawali, Said	BS1997	Ball, Mark	BS1982	Binder, Kevin	BS1986
Al-Ojaili, Ammar	BS1996	Barchman, Matthew	BS2007	Binder, Tom	BS1997
Altes, Jon	BS2000	Barickman, D. Bradley.	BS2003	Bisani, Mayur	MS2007
Althoff, Mark	BS1978	Barkhurst, Gary	BS1981	Bishop, Brian	BS2004
Alvestad, Dennis	BS1973	Barkley, Dave	BS1980	Bitar, Ali	
Amberg, Steven	BS2012	Barnes, Paul		Bitker, Anastasia	BS2006
Amento, Steve		Barnum, Luke		Bjork, Larry	BS1975
Amundson, Robert	BS2006	Barrett, Dean	BS1974	Bjorklund, Craig	BS1981
Anantharaj, Yash		Barry, Doug		Blahnik, Bob	
Andera, Nicholas		Barstad, Jon		Blake, Daniel	
Andersen, Aaron		Bartilson, Dave		Blank, Brian	
Andersen, Curt		Basara, Marc		Blank, Brice	
Andersen, Jerad		Bassett, Claire		Blasco, Anthony	
Andersen, Nicholas		Bassman, Chad		Bleigh, Jennifer	
Anderson, Brian		Baughman, Mark		Blizzard, Troy	
Anderson, Chuck		Baumann, Steve		Blomme, Nathan	
Anderson, D. Craig		Bausman, Dennis		Blount, Steve	
Anderson, Dave		Baxter, Dan		Blunck, Scott	
Anderson, Greg		Beal, Ed		Boat, Steve	
Anderson, Mark		Bear, Michael		Bockes, Matthew	
Anderson, Rick A		Bearson, Kent		Boeckmann, Adam	
		Beaulieu, Kevin			
Anderson, Rickey				Boedeker, Ralph	
Anderson, Roger		Beck, Larry		Boekholder, Brian	
Anderson, Sean		Beck, Nicklas		Boelman, Adam	
Anderson, Trevor		Beck, Tyler		Boerschel, Bryan	
Andrews, Jeff		Becker, Thomas		Boesenberg, Brian	
Andrews, Randall		Becker, Tim		Boettcher, Michael	
Andringa, Fred		Behling, Bob		Bokaie, Nader Antonio	
Ankanahalli-Shivaram, K	ıran MS2004	Behling, Kevin	BS1990, MS1993	Bolchazy, Allan	BS1989

Bolejack, Kyle	BS2002	Brindle, Steve	RS1994	Calderwood, Willie	BS1980
Bolinger, Ryan		Brink, Kevin		Callaghan, Rob	
Bollig, Russell		Brinkman, Logan		Callahan, Mike	
Bolstad, Arlan		Brinkmann, Cody		Callahan, Timothy	
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Bontrager, Mike		Bristol, Douglas		Calligan, Craig	
Bonus, Kenneth		Brncich, Aaron		Cameron, Adam	
Bonzer, Alex		Bronson, Ken		Campbell, Paul	
Boone, Tim		Brooks, Dave		Campen, Greg	
Boots, Brent		Broshar, Zachary		Campos Lange, Monique	
Borgerding, Scott	BS2005	Brostrom, Darrel	BS1979	Canales, Augusto	PhD2004
Borgo, Bill	BS1990	Broullette, Bret	BS1983	Cantrell, Dave	BS1995
Boring, Gary	BS1986	Brown, Corey	BS2012	Caratelli, Nicholas	BS2007
Borns, John	BS1972	Brown, Ethan	BS2013	Caraveo, Kirby	BS2012
Borns, Tom		Brown, Jason		Carlson, Cheryl	
Borovic, Vincent		Brown, Justin		Carlson, Eric	
Boschult, Mark		Brown, Tim		Carlson, Greg	
Bosman, Matthew		Brown, Trevor		Carlson, Jeff	
Bosshart, David		Brubaker, Jim		Carlson, Jim	
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Bosshart, Jim		Bruce, Dan		Carlstrom, Mike	
Bosshart, Steve		Bruce, William		Carlton, Davis	
Boswell, Bob		Bruellman, Clark		Carolan, Blake	
Bothwell, Gretchen		Brumm, Rich		Carpenter, Mike	
Bottorff, Tylor		Brummer, Sean		Carper,Doug	
Bouchard, Loren	BS2008	Bruns, Ben	BS2001	Carr, Brant	BS2003
Boucher, Mike	BS1979	Brush, Carl	BS2006	Carr, Tadd	BS2012
Boulanger, David	BS2010	Buchanan, Todd	BS1988	Carrigan, Scott	BS1995
Bouska, Timothy	BS2002	Buchwald, Donna	BS1984	Carroll, Mike	
Boutwell, Jim	BS1980	Buenneke, Jon	BS1984	Carsky, Joe	
Bowden, Clark		Bunge, Aaron		Carter, Bob	
Bowdish, Luke		Bunge, Benjamin		Carter, Nicholas	
Bowers, James		Bunner, Chad		Casali, Kevin	
Bowers, Ryan		Burbank, Keith		Case, Stacy	
Boyle, Jacob		Burda, Greg		Casey, Mike	
		Burds, Zach		Cassidy, Lucas	
Braby, Josh					
Brace, Aaron		Burgmeier, Phillip		Caswell, Lauren	
Bradford, Adam		Burgod, Nathan		Catus, Ryan	
Brady, Jim		Burgus, David		Cawley, Bryan	
Brady, Tim		Burke, Dave		Celik, Serhan	
Braesch, Steve		Burns, Heather		Cetin, Ozdemir	
Brainerd, Adam		Busch, Rich	BS1990	Chadima, Jeff	
Brandes, Doug	BS1972	Busch, Rich	MS1996	Chamberlain, Rusty	BS2004
Brandon, Rick	BS1978	Buscher, Alexander	BS2014	Chandler, Paul	BS1995
Brandt, Mike	BS1979	Buscher, Nicole	BS1998	Chapman, Jeff	BS1989
Brandt, Steve	BS1987	Buscher, Russ	BS1989	Charlson, Kevin	BS1999
Brandt, Vanessa		Bush, Al		Check, Brian	
Bratz, Brandon		Bussard, Kevin		Cheeseman, Ryan	
Braughler, Bart		Butler, Joseph		Chen, DongMS	
Brcka, Kent		Buttler, Lynnette		Chicoine, Ken	
Breckon, Karl		Butts, Kevin		Chin, Yuan	
Brekken, Jason		Buyert, John		Chang Haals Pang	
Brekken, Peter		Byers, Bruce		Chong, Hock Beng	
Brennan, John		Caboth, Cragon		Christensen, Jace	
Bretthauer, Scott		Cade, Peter		Christensen, John	
Brewer, Brian		Cahalan, Scott		Christensen, Mark	
Bricker, Travis		Cahill, Dan		Christensen, Ron	
Bridger, Bob		Cahill, John	BS1974	Christiansen, Brandon	BS1999
Brill, Gary	BS1990	Cain, Bob	BS1988	Christy, Michael	BS2008
Brim, Nicholas	BS2013	Calderon, Noemi	BS2009	Chung, Jin-Wook	MS2004
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Churchill, Brad	R\$1004	Cormicle, Larry	RS1078 MS2010	Davis Scott	BS1980
Churchill, Dan		Cornelius, Scott			BS1981
Churchill, Dennis		Cortesio, Jeremy			BS2004
Cicciarelli, Joseph		Cotan, Robert			BS200 \
Cicciarelli, Scott		Cotter, Tony			BS1991
Cilio, Andrew		•			BS1991
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Clancy, Jeff		Cowger, Lisa			BS1979
Clarahan, Randy		Cowles, Eric			BS1987
Clark, Doug		Cox, Edward			BS1990
Clark, Rich		Cox, R. Andrew			MS2013
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Clausen, Chris		Craiger, Sarah	BS1982	DeCamp, Aaron	BS1998
Clausen, Justin	BS2003	Cramer, Mark	BS1979	Decker, Kevin	BS1984
Clausen, Lucas	BS2007	Cramer, Michael	BS2006	Dedolph, Carter	MS1996
Clausen, Stephanie	BS1995	Cramer, Robert	BS1990	Deeney, Kyle	BS2011
Clausen, Steve		Cranston, Scott			BS1992
Claussen, Anna		Crary, Thomas			BS1987
Clayburg, Michael		Crawford, Chip			BS1989
Clemens, Kevin		Creath, James			BS1991
Clement, Lori		Creath, Jim			BS1972
Clemons, Adam		Creviston, Jonathan (Jack			BS1995
Cleveland, Mitchell		Cripps, Jim			BS1999
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Clabas Nijaladas		Crist, Gary			BS2013
Clobes, Nicholas		Cronin, Scott			BS1965
Coalbank, Chad		Crookshank, Jason			BS1982
Coe, Eric		Crosser, Scott			BS2011
Coen, Alexis		Crow, Brian			BS1988
Coffee, Doug		Crubaugh, Jamie			BS1997
Coffin-White, Renee		Crumpton, Jon			BS1991
Coffman, Jim		Cubbage, Clayton	BS1998	DeStigter, Doug	BS1981
Cole, Randy	BS1981	Culhane, Shawn	BS2008	DeStigter, Glenn	BS1966
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Collier, Camron	BS2010	Culp, Kevin	BS1982	Determan, Barry	BS2003
Collins, Earl	BS1991	Cummings, Randy	BS1992	Detlefsen, John	BS1972
Collins, Edd	BS1970	Cunz, Heather	BS1993	DeVany, Tom	BS1990
Collins, Ryan	BS2010	Curran, Dustyn	BS2008	DeVany, Tom	MS1991
Colman, Kassi		Currie, Kevin		-	BS2001
Colton, Jeff		Custer, Steffan			BS2009
Coluccy, Al (Michael)		Cutler, Peter			BS2013
Conkin, Gary		Cutler, Scott			BS1978
Conkin, Jacob		Czapanskiy, Greg			BS2011
Conlee, Darren		Czerwinski, Luke			BS1977
Conley, Daniel		Dabrowski, Konrad			BS1977
		Daher, Wadih		· -	
Conley, Melissa					BS2007
Conlon, Aidan		Dahlman, Joe			BS1983
Conlon, Dave		Dakovich, Bob			BS1981
Conner, Randy		Dakovich, Milt		,	BS1978
Conniff, Mark		Dalager, Kevin		-	BS1979
Connor, Chuck		Dalluge, Robert			BS1986
Coon, Duane		Dammann, Daniel		_	BS1983
Cooper, Brent		Daniels, Christopher			BS2013
Cooper, Jim		Danielson, Brian			BS1983
Cooper, Mike	BS1997	Daugherty, Luke	BS2010	Dittus, Kenneth	BS2006
Coppes, Josh		David, Brian			BS1988
Corcoran, Richard		Davidson, Judd		•	BS2004
Corcoran, Timothy		Davis, Austin			BS1986
Corey, Shawn		Davis, Bob			BS1981
Corkrean, Brad		Davis, Jim			BS1992
Cornecti, Diad		~ a v 10, j 11111		200007, 1111	

Dodd, Neal	DC1077	Ehrlich, Tom	DC1006	Eangman Starra	DC1007
Dodson, Russell		Eich, Bill		_	BS1987
Dohlman, Dwight		Eikanger, Steve			BS1989
Doll, Jonathan		Einck, Jordan		-	BS2003
Donlin, Michael		Eipert, Jim			BS1985
Donner, Steve		Ekenberg, Dave		_	BS1980
Dooley, Josh		Ekholm, Kara			BS1994
Dooney, Lee		Ekstrand, Eric			BS1977
Doorn, Case		El-Adaway, Islam	PhD2008		BS1995
Dorsen, Dylan	BS2013	Elder, Alan	BS2002	Fensury, Darwis	BS2002
Doss, Bob	BS1982	Elgin, Seth	BS1997	Ferguson, Steve	BS1988
Dostanic, Marko	BS2010	Elkins, Jeffrey	BS2005	Ferris, Ryan	BS2006
Douglas, Adam	BS2007	Ellgren, Todd	BS1985	Fesenmaier, Jodel	BS2003
Douglas, Pete		Ellingson, Mike			BS1977
Downing, Steve		Elliott, Grant			BS1981
Doyle, Christopher		Elliott, John			BS1976
Doyle, Joel		Elliott, Lance			BS1978
Doyle, Joel		Elliott, Sara (Birkland)		_	BS1979
		Elliott, Scott			BS1979
Drake, Adam				-	
Drake, Don		Ellis, Laura		-	BS1977
Drapeaux, Ryan		Ellsworth, Brian			BS2014
Draper, Scott		Elmisalami, Tarek			BS2013
Drees, Kirk		Elsner, Ron			BS1997
Drent, Dale		Elston, Aaron			BS2005
Drew, Isaac		El-Zein, Ali			BS1995
Drury, Jeff	BS1990	Emanuel, Philip	BS2006	Flannery, Nick	BS1976
Dudding, Chris	BS2000	Enderson, George	BS1971	Flathers, Rich	BS1981
Duff, Les	BS1970	Engel, Jason	BS2002	Flatland, Ray	BS1973
Duffy, Bryan	BS1977	Engelbart, Steve		Fleagle, Earl	BS1981
Duke, Dave		Engelstad, Christophe			BS1985
Duke, Dennis		Engelstad, Paul			BS2005
Dumdei, Victoria		England, Benjamin			BS1982
Dummermuth, Chris		England, Jim			BS2011
Dunlap, Steve		Engler, Phillip		0	BS2011
Dusil, Randy		Engstrom, Donald			BS1986
Duyvejonck, Beth		Ensley, Ron			BS1980
		Enz, Daniel			
Dvorak, Dave				_	BS1990
Dyxin, Charles		Erb, Dave			BS2003
Dziedzic, Shawn		Erickson, Anthony			BS1972
Dziedzic, Shawn		Erickson, Bryce		-	BS1993
Eamsherangkul, Hudsad		Ernst, Mike			BS1984
Earhart, Andrew		Ernster, Mike			BS1982
Eastburn, Geoff	BS1987	Erps, Larry	BS1979	Ford, Dennis	BS1982
Ebel, Lee	BS2007	Erviritina, Justina	MS1995	Ford, Michael	BS1980
Ebert, Keith	BS1984	Eshelman, Erick	BS1996	Ford, Nicholas	BS2002
Ebrahimi, Amir	BS1982	Espeset, Mike	BS1991	Ford, Steve	BS1976
Eckard, Jacob	BS2013	Evans, Jason		Formanek, Brenton	BS2009
Eckhoff, Phil		Evans, John			BS1971
Edmondson, Jeremy		Evans, Pat		-	BS1974
Edsall, Todd		Eveland, Jason			BS1981
Edwards, Mikel		Even, Dale			BS1981
Edwards, Ryan		Ewell, Scott			BS1982
Edwards, Steve		Ewing, Jon			BS1973
Eekhoff, Jeremy		Fabere, Scott			BS1987
Egeland, Alex		Fadden, Vincent			BS1999
Egner, Mark		Fagen, Matt		_	BS1979
Ehm, Jeff		Fagre, Val			BS1991
Ehmer, Judith		Faktor, Bryan		3	BS2003
Ehrlich, Chuck	BS1986	Fallon, Alyssa	BS2012	Frank, And	BS1984

Frank, Bill	B\$1070	Gibbs, Melony	B\$2000	Gritters, Mike	RS1082
Frank, Stephen		Gilbert, Dennis		Gromala, Steve	
Franzen, Greg		Gilbert, Roger		Gronewold, Mark	
Fredericksen, Christop		Gilbreath, Mark		Grosland, Steve	
Freeborn, Cory		Gill, Tom		Grout, Roger	
Freese, Steve		Gillum, Curt		_	
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Frentress, Gary		Giroux, Paul		Grunder, Kyle	
Frideres, Brandon		Glander, Mike		Grunzweig, Nick	
Friedrichsen, Kent		Gleason, Glen		Gudgel, Phil	
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Fritcher, Jim	BS1978	Gmitro, Mark	BS1983	Guinn, Jack	BS1970
Frohardt, Daniel	BS2007	Godar, Mark	BS1980	Gumm, Matt	BS1999
Frohn, Bob	BS1994	Goddard, Chad	BS2001	Gunderson, Mark	BS1991
Fry, Jim	BS1982	Goedken, Nicholas	BS2010	Gunnink, Brett	
Frye, Jim		Goehner, Joel	BS1987	Guo, Fangyu (Denise)	MS2012
Fucinaro, Tony		Goettsch, Craig		Gurvirinder, Virdi	
Fuller, Jake		Golay, Rich		Gustafson, Everett	
Gabrielson, Jay		Goldhorn, Paul		Gutowski, Kenneth	
Gad, Ghada		Golding, Ben		Haaland, Ryan	
Gaffney, Thomas		Golumbeck, Steve		Habben, Craig	
				Hackenmiller, Ryan	
Gahan, Bill		Goodall, Bill		•	
Ganch, Steve		Goodhue, Matthew		Hackett, Cory	
Gannon, Dan		Goodrich, Todd		Haden, Trevor	
Gannon, Pat		Goodwin, Pete		Hafencher, Karl	
Gao, Zhili		Gordon, Aaron		Hagberg, Jim	
Gapinski, Jonathon		Gordon, Joseph		Hagberg, Nathaniel	
Gapstur, Cory		Gordon, Wayne		Hagberg, Nathaniel	
Gardner, Miles		Gorman, Mike		Hage, Darin	
Garner, Aaron		Gorman, Thomas	BS2013	Hagen, Grant	
Garwood, Matt	BS1994	Gosselink, Jerry	BS1966	Haines, Mark	BS1994
Gast, Alan	BS1979	Gotfredson, Gary	BS1965	Halbur, Michael	BS1996
Gast, Guy	BS1977	Graber, Cortney	BS1999	Hale, Rondal	BS2007
Gatto, David		Grablin, Patrick	BS1979	Hale, Tom	BS1973
Gaube, Joshua	BS2007	Graeve, Doug	BS1984	Halim, Djohan	BS1991
Gaudreault, Ron		Graeve, Mike		Hall, Jeff	BS1981
Gaul, Brian		Graeve, Wayne		Hall, Peter	
Gawley, Mike		Graf, Nicholas		Halloran, John	
Geary, Pat		Grager, Justin		Hallquist, Daryl	
Gebhardt, Douglas		Granahan, Gerry		Halsey, Brandon	
Gehm, Austin		Grandgeorge, Alex		Halverson, Steven	
Gehrls, John		Granner, Andy		Halvorson, Julie	
Geier, Jeff		Greco, Jim		Hamad, Nizar	
		Green, Austin			
Geiler, Rick		*		Hameister, Michael	
Geisler, Bryan		Greenig, Steve		Hamilton, Bob	
George, Joe		Greenlee, Rich		Hamilton, Craig	
Gerard, Mike		Greenley, Kyle		Hamilton, Matt	
Gerber, Ted		Gregg, Timothy		Hamm, Nathan	
Gerdes, Greg		Greiner, Robert		Hammer, Jeff	
Gerleman, Joe		Greiner, Robert		Hampel, Brian	
Geske, Jeff		Greve, Troy		Hand, Jonathan	
Gethmann, Jack	BS1963	Grewcock, Eric	BS2011	Hankey, Mitchell	BS2014
Getman, Jim		Grieser, Anthony	BS2004	Hankins, Kelda	
Ghafghazi, Abolghasse		Griffith, Kendall		Hanks, David	
Ghozi, Azmi		Grim, Michael		Hannasch, Maria	
Giannelli, James		Grimmius, Joben		Hanneman, Tod	
Gibbs, Kevin		Gritters, Bruce		Hansen, Amanda	
21000, 100 mi		Clitters, Druce			

Hansen, Craig	BC1077	Heger, Tom	BS1007	Hodapp, Travis	RC2001
		_			
Hansen, Greg		Heggen, Edward		Hodapp, Troy	
Hansen, Jeff		Heggen, Tom		Hodge, Andrew	
Hansen, Jeff		Heier, Ryan		Hodgin, Brian	
Hansen, Lee		Heikens, Michelle		Hodgson, Kevin	
Hansen, Scott		Heiliger, Terry		Hoefert, Dan	
Hansl, Hans	BS1981	Heinselman, Samuel	BS2008	Hoenk, Mark	BS1997
Hanson, Bob	BS1973	Heinz, Sean	BS2014	Hofer, Brad	BS1992
Hanson, Dan	BS1982	Heisdorffer, Kevin	BS2008	Hoffey, Martin	BS1985
Hanson, Stanley	BS1970	Helgevold, Kevin	BS1982	Hoffman, Rod	
Hanus, Trevor		Hellman, Sarah		Hoffman, Samuel	
Hapke, James		Helmold, Brian		Holcomb, Kevin	
Harder, Matthew		Hemmen, Gary		Holmberg, Al	
Harger, Mike		Hemmen, Greg		Holmes, Shawn	
Harken, Kasey		Hemphill, Derek		Holt, Randy	
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Harlson, Rich		Henderson, Kelly		Homan, Aaron	
Harman, Pamela		Henderson, Tom		Homan, Sarah	
Harmelink, Dave		Hendrickson, Ed		Honsbruch, Roger	
	PhD1995	Hendrickson, John		Hoover, Kaleb	
Harmon, Bob		Hendrickson, Matthew		Hopp, Michael	
Harmon, Joe		Hendrix, Ray		Horak, Brittany	
Harms, Corey	BS2001	Henkels, John	BS1980	Horan, Bridget	BS2011
Harms, Ross	BS1990	Henkels, Paul	BS1979	Horlyk, Eric	BS1979
Harmsen, Lee	BS1979	Hennessey, Austin	BS2010	Hornaday, Bill	BS1978
Harriman, Benjamin		Henning, Lance	BS1989	Hornibrook, Matthew	7BS2005
Harrington, Kevin		Henson, Tara		Hosch, Greg	
Harrington, Matthew		Hentges, Joe		Hoskins, Scott	
Harris, Charlie		Herbst, Dean		Hostetler, Robert	
Harris, Howard		Herman, Joshua		Hotchkiss, Jacob	
Harris, Jacob		Hermsen, Joshua		Hotovec, Chad	
Harris, Joseph		Herrema, David		Hott, Benjamin	
Harris, Richard		Herrick, Mark		Houseman, Ken	
Harris, Tyler		Herrig, Nick		Hovenga, Tony	
Harrison, Chris		Herrman, Doug		Howard, David	
Harry, Brian		Herzberg, Dave		Howe, Jesse	
Harryman, Mike		Heston, Bill		Hubbard, Kim	
Hart, Alex		Hetzler, Matt		Hubers, Mike	
Hartmann, Beth		Heying, Galen		Hudnutt, Scott	
Harty, Nathan	BS2003	Heyne, Steve	BS1999	Hudyma, Walter	BS2011
Hass, Michael	BS1997	Hibbs, Tony	BS1991	Huey, Peter	BS2002
Hassenfritz, Joe	BS1980	Higginbotham, Greg	BS1981	Huff, Michael	BS2012
Hatland, Steven	BS2013	Higgins, Corey	BS1999	Huggins, Matt	BS1997
Hauser, Brett		Higgins, Paul		Hughes, Kyle	
Hauser, Steve		Higgins, Scott		Hughes, Marc	
Hauser, Todd		Hikiji, Vance		Hughes, Tom	
Hausman, Amanda		Hildebrand, Scott		Hugo, Bruce	
Haverkamp, Matthew		Hill, Dave		Hullinger, Dave	
Hawkins, Ryan		Hill, Keith		Hulsebus, Jason	
Hawn, David		Hillis, Matt		Humphreys, Jake	
Hay, Steve		Hilton, Jimmy		Hundley, Sarah	
Hayek, David		Hilton, Mark		Hunemuller, Judd	
Hayes, John		Hindermann, Matt		Hunsicker, Mark	
Haynes, Mark		Hines, Perry		Hunt, Mike	
Hazel, Michael		Hinnah, Wesley		Hunter, Ashlynn	
Hazelett, Wesley		Hintz, Rodney		Hunter, Gregg	
Hedgren, Brian		Hirsch, Doug		Hunter, Kate	
Heemstra, Brad	BS1984	Ho, Steve	BS1982	Hunwardsen, Roger	BS1989
Heemstra, Christopher	BS2009	Hobbs, Syd	BS1979	Hurd, Anders	BS2008
Heetland, Kayla		Hoch, Matthew		Hurd, Megan	
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Hund Coott	DC1001	Lolomoon Evily	DC2012	Varrannia Ialan	DC1000
Hurd, Scott		Johnson, Erik			BS1988
Hurley, Larry		Johnson, Evan		0	BS1998
Hutchens, Jordan		Johnson, Halvard		,	BS2011
Hutchens, Mark		Johnson, Jacob			BS1995
Hutchens, Scott		Johnson, Joel			BS1982
Hutter, Mike		Johnson, Keagan		0 0	BS1981
Hyler, Susan (Colbert)	BS1981	Johnson, Kelsey	BS2007	Kelly, Angela	BS2001
Hyun, John	BS1997	Johnson, Mark	BS1980	Kelly, John	BS2009
Ihle, Leon	BS1968	Johnson, Michael	BS1988	Kelly, Scott	BS1987
Iikubo, Kakeru	BS2007	Johnson, Paul			BS1987
Ilten, Dan	BS1972	Johnson, Peter			BS2007
Irlbeck, Brian		Johnson, Rod		,	BS1990
Ivis, Dave		Johnson, Steve		-	BS2012
Jabaay, Todd		Johnson, Tim			BS2004
Jackson, Justin		Johnston, Brent			BS1984
Jackson, Steve		Johnston, Jeff			BS1985
Jackson, Walt		Jones, Brad			BS2002
Jacob, Renoj		Jones, Brandon			BS2012
Jacobs, Cory		Jones, Don		,	BS1984
Jacobs, Darin		Jones, Doug		_	MS2004
Jafari, Behzad		Jones, Jared			BS2011
Jahnke, Matthew	BS2010	Jones, Jason	BS1995	Kimsey, Keith	BS2010
James, Steve	BS1985	Jones, Quincy	BS2003	King, Dave	BS1978
Janechek, Michael	BS2010	Jones, Steve	BS1970	King, Michael	BS1997
Jelinek, Aldona	MS2002	Jones, Tony	BS1993	King, Sharon	BS1995
Jenkins, Dane		Jordan, Cole		_	BS1975
Jennett, Samuel		Jorgensen, Craig			BS1997
Jennett, Timothy		Jorgensen, Jacob			BS1986
Jennings, Stuart		Judd, Colin			BS2007
Jens, Caleb		Juhl, Derek		_	BS1993
Jensen, Alexandre					
=		Jungers, Derrick			BS1998
Jensen, Blake		Junginger, Jaquelyn			BS1997
Jensen, Brad		Jungst, Don			BS1980
Jensen, Carlin		Junker, Vince			BS2000
Jensen, Heather (Cunz)		Kabat, Erica			nike)BS1987
Jensen, Hilary		Kacmarynski, Brian		· ·	BS1982
Jensen, Tom		Kaehler, Alexander			BS2010
Jepsen, Matt	BS1998	Kaewmoracharoen, M	anop (Lim) MS2004,		BS1966
Jessen, Doug	BS1985		PhD2009	. 3	BS2010
Jessen, George	BS1984	Kain, Kevin	BS2002	Klemme, Brian	BS2005
Jessen, Stephanie	BS1983	Kaiser, Lee	BS2001	Klinkefus, Bradley	BS2002
Jesson, Matthew		Kaminski, Nic		-	BS2011
Jestrab, Eric		Kamp, Todd		-	BS1972
Jestrab, Eric		Kanaan, Hamdi			BS1988
Jia, Zhenhua		Kanaan, Mohammad .			BS1981
Jiang, Dongying (Judy)		Kane, Steve		_	BS1970
Jiang, Xiaojun		Kaplanes, Jim			BS1970
Jochimsen, Ron		Karadsheh, Issa		1	BS1997
Johann, Steve		Karlson, Mike			BS1982
Johansen, Erik		Karns, Matthew			BS1983
Johansen, Erik		Kaser, Pete			BS2007
Johnson, Bill		Kaspar, Steve			BS2006
Johnson, Brent		Kataras, Peter			BS1982
Johnson, Brian		Katschkowsky, John			BS2009
Johnson, Curt		Kau, Chee			BS1981
Johnson, Dave		Kauffman, Ryan	BS2004	Knutsen, Jeff	BS2001
Johnson, Dave		Kaufman, Eric	BS2000	Kobusch, Andrew	BS2007
Johnson, Doug		Kaufman, Mike	BS1984	Koch, Kristen	BS2007
Johnson, Eric		Kavallieros, Minas			BS1999
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Koellner, Kevin	DC1000	Larsen, Matthew	DC2000	Lewton, Matthew	DC2010
Koenen, Justin		Larson, Ann		Lewton, Russ	
		Larson, Brad			
Koenen, Matt		•		Lex, Kevin	
Koenigs, Harry		Larson, Chris		Li, Chun	
Koerner, Jon		Larson, Craig		Li, Jingxi (Cece)	
Koester, Matthew		Larson, Curt		Li, Lifeng	
Koester, Paul		Larson, Dave J		Lie, Robert	
Kohn, Derek		Larson, David C		Liebbe, Todd	
Kolacia, Craig		Larson, Doug	BS1995	Lilly, Jim	
Koloseus-Gagnon, Thomas	BS2011	Larson, Gerry	BS1968	Lim, Ki Sing	BS1988
Kooker, Greg	BS1983	Larson, Greg	BS1977	Lind, Kevin	BS2006
Kopp, Nicholas	BS2003	Larson, Jeff	BS1983	Lindhart, Chris	BS1982
Kouri, Adam		Larson, Jeff	BS1988	Lindquist, Eric	
Kraft, Kelsey		Larson, Jeffrey		Lindsley, Dennis	
Kraft, Wayne		Larson, Kenton		Line, Thomas	
Krage, Tom		Larson, Matthew		Link, Bill	
Kramer, Mark		Larson, Norm		Linman, Bradley	
Kreftmeyer, Christopher		Latoria, Anthony		Linn, Scott	
Kress, Jacob		Lau, D.H. Gabriel		·	
				Little, Dave	
Krieg, Chris		Laurenti, Brit		Littrell, Brian	
Krier, Robert		Laurenzo, Brian		Llewellyn, Ryan	
Krogstad, Ryan		Lauritson, Joe		Loeffelholz, Al	
Krug, Everett		Lauters, Nicholas		Loes, Joel	
Kruger, Ashley		Lavalie-Schar, Ann		Logan, Bob	
Krull, Jared	BS2012	Lawrence, Doug	BS1978	Logan, Bob	BS1981
Krummen, Stewart	BS1991	Layland, Chad	BS1998	Logue, Steve	BS1981
Krumwiede, Chris	BS1998	Leach, Gary	BS1982	Loneman, Steve	BS1986
Kruse, Ben	BS2008	Leapley, Gary		Long, Jerry	BS1982
Kruse, Bradley BS200		Leavitt, Jim		Long, Steven	
Kruse, Fred		Leavitt, Kevin		Loomis, Eric	
Kruse, Klint		Leavitt, Steve		Lorei, Greg	
Kubik, David		Lebler, Michael		Lorensen, Louisa	
Kuehner, Travis		Lebo, Tom		Lorenzen, Jeff	
Kuenstling, Jon		Lechowicz, Phillip		Lorey, Pat	
_					
Kueter, Scott		Lechtenberg, Justin		Loss, A.J.	
Kumm, Doug		Lee, Hoon-Hong		Loudin, Steve	
Kumm, Tyler		Lee, Mark		Lounsbury, Andy	
Kundinger, Jessica		Leek, Melissa			BS1994
Kunz, Brad		Lehan, Benjamin		Lovejoy, Dave	
Kunz, Emily		Lehman, Jeff		Lovin, Ben	
Kupka, Kevin	BS1981	Lehr, Dave		Lovin, Grant	BS2008
Kurth, James	BS2006	Leimer, Nicholas	BS2002	Lower, Bryan	BS1983
Kutchen, Mark	BS1993	Leinen, Tim	BS1975	Lowndes, Jim	BS1981
Kutchen, Scott	BS1999	Leitch, Brian	BS2010	Lowthorp, Andrew	BS2010
Ladd, Colleen		Leonard, Dan	BS1985	Loxterkamp, Mark	
Ladson, Abie		Leonard, Steve		Loy, Zachary	
Laing, Kelsey		Leonard, Terry		Lubbert, Bill	
Lamb, Gary		Lesh, John		Lucas, Jeff	
Lambert, Tracy		Letchford, Joseph		Luck, Matthew	
Lamp, Ian		Leuer, Mark		Ludwig, Jerry	
*				_ ,	
LaNasa, Richard		Leusink, Mark		Ludwig, Steve	
Lancaster, Dave		Leuzzi, Mario		Lukan, David	
Landau, Cole		Leverington, Steve		Lukin, John	
Lane, Chad		Lewis, Celeste		Lundy, Andy	
Lang, Steve		Lewis, Chad		Lunsford, John	
Langdon, Fred		Lewis, Dan		Lutenegger, Alan	
Lange, Coleman		Lewis, Dennis	BS1972	Lutt, John	BS1974
Lange, Gerry	BS1972	Lewis, Rhonda	BS1991	Lutter, James	BS2001
Lapinskas, Álius		Lewton, Jonathan	BS2006	Lux, Jeremy	BS1996
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Lyon, Caleb	BS2007	Martin, Mark	BS1985	McMinemee, Jennifer	BS2003
Lyon, Dave		Martin, Peter		McMullen, John	
Lysne, Doug		Martinsen, Lee		McNab, Joshua	
Maas, Mike		Martinson, Rich		McNamara, Chris	
Mack, Craig		Mascardo, Rick		McPherson, Mike	
		Massman, Marty		McWhirt, Darren	
Maddy, Joe					
Madison, Matthew		Mathes, Henry		Mecham, Sasha	
Madsen, Brian		Mathes, Jay		Meco, Tolga	
Madson, Scott		Mathiasmeier, Mike		Medema, Don	
Magee, Dwight		Matt, Gary		Megraw, Kerry	
Magill, Nathan		Mattison, Todd		Meier, John	
Maginnis, Austin		Matzinger, James		Meier, Russ	
Magnuson, Matthew		May, Jim	BS1986	Meiners, Theodore	BS2002
Mahfouz, Tarek	PhD2009	May, Ryan	BS2001	Meinke, Anthony	BS2010
Mahlstede, John	BS1987	M'Bbapanza, Ibrahime	BS2001	Meints, Jamey	BS1997
Majeres, Todd	BS2000	McAlpin, Larry	BS1973	Meis, John	BS1982
Major, Chuck		McArtor, Michael		Meisenheimer, Daryl	
Makarla, Deepak		McBride, Alex		Meldrum, Scott	
Mallen, John		McCarthy, Dave		Melton, Tom	
Maloney, Jim		McCarty, Mark		Menke, Greg	
Maloney, Steve		McClain, Kevin		Menke, Justin	
Mamuya, Lemuel		McClain, Patrick		Menninga, John	
				<u> </u>	
Man, Jack		McCline, Curt		Menz, Loren	
Manatt, Andrew		McColloch, Mitchell		Mercuris, Peter	
Mander, Wayne		McCollough, Laura		Meredith, Jessica	
Manfull, Bryan		McCollough, Todd		Merk, Jon	
Manker, Tyler		McConeghey, Amy		Merkle, Paul	
Mann, Nicholas		McCormick, Dean		Merryman, Kevin	
Manning, Chris		McCormick, Ed		Merta, Ben	
Manning, Chris	MS1990	McCormick, Tom	BS1976	Mettin, Kyle	
Manning, Jeff	BS1997	McCoy, Mike	BS2000	Meyer, Brad	BS2010
Manning, Jeremy	BS1997	McDermitt, Gary	BS1995	Meyer, Paul	BS2002
Manning, Russ	BS1972	McDermott, Brian	BS1995	Meyer, Valarie (Bullard)	BS2000
Manyin, Alan	BS2003	McDermott, Cory	BS2008, MS2009	Meyeraan, Ken	BS1988
Maranowicz, John		McDermott, Mark		Meyerholz, Tyler	
Marbach, Lee		McDonald, John		Meyn, Austin	
Marburg, John		McDonald, Norm		Meyn, Kent	
Mark, Tyler		McDonald, Pat		Michal, Bryan	
Markel, Jay		McDonnell, Kimberly.		Mickelson, Kent	
Markel, Joshua		McDowell, Curtis		Mihovilovich, Jerry	
Markhardt, Kevin		McElroy, Jim		Miklya, Matthew	
Marks, Greg		McFadden, Shane		Mikulecky, Les	
Marks, Jeff				•	
· -		McFarland, Tim		Millard, Tyler	
Marlow, Bailey		McGiverin, Terry		Miller, Aaron	
Marolf, Ron		McGreger, Ryan		Miller, Adam	
Marrin, Gary		McGruder, Spencer		Miller, Albert	
Marsh, Bob		McGuire, Ryan		Miller, Brett	
Marsh, Bruce		McIlrath, Vaughn		Miller, Bridgette	
Martens, Aaron	BS2008	Mcintosh, Allen		Miller, Chuck	BS1985
Mantana Caana			DC1070	Miller Davie	BS1971
_	BS1981	McKay, Jeff			
Martens, Perry		McKay, Jeff McKee, Bill		Miller, Denny	
_	BS2014		BS1995		BS1970
Martens, Perry	BS2014 BS1983	McKee, BillMcKee, Jeffrey	BS1995 BS2006	Miller, Denny	BS1970 BS2007
Martens, Perry Martin, Brad Martin, Don	BS2014 BS1983 BS1977	McKee, Bill	BS1995 BS2006 BS1990	Miller, Denny Miller, Geoffrey Miller, John	BS1970 BS2007 BS1967
Martens, Perry Martin, Brad Martin, Don Martin, Greg	BS2014 BS1983 BS1977 BS1979	McKee, Bill	BS1995 BS2006 BS1990 BS2012	Miller, Denny Miller, Geoffrey Miller, John Miller, Luke	BS1970 BS2007 BS1967 BS2009
Martens, Perry	BS2014 BS1983 BS1977 BS1979 BS1984	McKee, Bill	BS1995 BS2006 BS1990 BS2012 BS2000	Miller, Denny	BS1970 BS2007 BS1967 BS2009 BS1996
Martens, Perry	BS2014 BS1983 BS1977 BS1979 BS1984 BS2000	McKee, Bill	BS1995 BS2006 BS1990 BS2012 BS2000 MS2010	Miller, Denny Miller, Geoffrey Miller, John Miller, Luke Miller, Matt Miller, Matt	BS1970 BS2007 BS1967 BS2009 BS1996 BS1999
Martens, Perry	BS2014 BS1983 BS1977 BS1979 BS1984 BS2000 BS1997	McKee, Bill	BS1995 BS2006 BS1990 BS2012 BS2000 MS2010 BS2002	Miller, Denny Miller, Geoffrey Miller, John Miller, Luke Miller, Matt Miller, Matt Miller, Steve	BS1970 BS2007 BS1967 BS2009 BS1996 BS1999 BS1999
Martens, Perry	BS2014 BS1983 BS1977 BS1979 BS1984 BS2000 BS1997 BS1970	McKee, Bill	BS1995 BS2006 BS1990 BS2012 BS2000 MS2010 BS2002 BS1984	Miller, Denny Miller, Geoffrey Miller, John Miller, Luke Miller, Matt Miller, Matt	BS1970 BS2007 BS1967 BS2009 BS1996 BS1999 BS1994 BS1994

Miltonhousen Icolore	DC2005	Marmalar Miles	DC1072	Nieleon Iomeo	DC2000
Miltenberger, Joshua Miner, Jason		Murphy, Mike Murphy, Steve		Nielsen, James Nielsen, Pete	
Minter, Katie		Murray, Pat		Nieman, Jerry	
Miskawi, Haytham		Murray, Tyrel		Nieman, John	
Mitchell, Zachary		Mussman, Chad		Nikolin, Ben	
Mitchem, Greg		Myers, Bryan		Nilsson, Alan	
Mittag, Nathan		Myers, Patrick		Nissen, Jim	
Mitton, Tom		Myers-Engel, Amy		Nizzi, Chuck	
Mlady, Joe		Myhre, Rik		Njos, Steve	
Modjeski, Francis		Naber, Cassandra		MS1990	
Moeller, Larry		Naberhaus, Dennis		Noel, Gary	BS1982
Moellers, Jeffrey		Naberhaus, Leon		Nollin, Jacob	
Moeller-Thinnes, Karen		Nack, Jonathan		Nolta, Mark	
Moffitt, Justin		Nading, Jeff		Nook, Corey	
Molln, Al		Nagen, Brent		Noonan, Thomas	
Moltz, Eric		Nagle, Tyler		Norberg, Austin	
Moltz, Paul		Nalevanko, Jonathan	BS2014	Norby, Ron	
Monaghan, Elizabeth	BS2002	Nanfito, Sam		Nordell, Dustin	BS2006
Montague, Rich	BS1999	Nangle, Bob	BS1989	Nordland, Bob	BS1985
Montgomery, Brandon	BS2010	Narayanan, Vijay	BS1999	Nordstrom, Cheri	BS2003
Montgomery, Craig	BS2006	Naresh, Arcot	MS1996	Nordyke, Garrett	BS1999
Montz, Craig	BS2004	Nashert, Walter IV	BS2003	Norton, Andrew	BS2008
Moore, Doug		Nasiru, Nimota	BS2011	Noteboom, Ryan	BS2011
Moore, Jeff	BS1978	Naughton, Luke	BS1998	Nott, Dennis	BS1973
Moore, Ryan	BS1998	Ndayinzeye, Innocent	BS2012	Novak, Dan	
Moore, Tom		Neal, Tony		Novak, Thomas	
Mootrey, Wade		Neelan, Pat		Novy, Mike	
Morandeira, Angel		Neiers, Jared		Nuckolls, Brett	
Moreno, Carlos		Nekvinda, Jonathan		Nwokedi, Chux	
Morgan, Catherine		Nelsen, Chad		Obbink, Nicholas	
Morgan, Richard		Nelson, Adam		Oberhaus, Paul	
Morgan,Doug		Nelson, Carl		Obrecht, Chris	
Moritz, Jason		Nelson, Chris		O'Brien, Jack	
Morris, Michael		Nelson, James		Ocken, Merle	
Morrison, Stephanie		Nelson, Mark		O'Connor, Michael	
Morse, Mark		Nelson, Michael		O'Dear, Dave	
Morshed, Maryam		Nelson, Mike		Oehlerts, Rich	
Mortensen, Scott		Nelson, Randy		Ogea, Bryce	
Mortimer, Dave		Nelson, Ryan		O'Grady, Rowdy	
Morton, Scott		Nelson, Ryan		Ohde, Doug	
Moser, Shawn		Nelson, Steve		Ohlfest, Doug O'Keefe, Emily	
Moss, Craig Moss, Jacob		Nelson-Eliasen, Mary		Olberding, Matthew	
Mostaert, Trent		Neppl, Dan		Olesen, Mark	
Moye-Rowley, Michael		Nestvedt, Joe		Olinger, Eric	
Mozena, John		Netley, Boyd		O'Loughlin, Phillip	
Mueller, Adam		Netley, Dwayne		Olson, Justin	
Mueller, Anthony		Neubauer, Scott		Olson, Katie	
Mueller, Kyle		Neumann, Phil		Olson, Mark	
Mueller, Richard		Newbury, Scott		Olson, Nick	
Mueller, Tyler		Newman, Arthur		Olson, Nick	
Mukhopadhyay, Sayanti		Newton, Bernie		Olson, Steve	
Mullen, Dan		Newton, Jon		Ones, Keith	
Muller, Jordan		Nguyen, Arren		Ong, Nia	
Muller, Tim		Nichols, Lincoln		Orgler, Mike	
Mulloy, Patrick		Niebuhr, Larry		Osgerby, Kevin	
Munsch, Andrew		Niebuhr, Scott		Osier, Thomas	
Murdoch, Wesley		Niebuhr, Scott		Ott, Kevin	
Murphy, Matthew		Nielsen, Brent		Otte, Doug	

Otto, Rich		Peterson, Dave		Prediger, Pat	
Otto, Trevor		Peterson, Eric		Predl, Edward	
Overbaugh, Brian		Peterson, Gerald		Prendergast, Tom	
Overgaard, Nels		Peterson, Jeff		Prescott, Gary	
Owen, Thomas		Peterson, Jeffrey		Prettyman, Jay	
Owens, Bob		Peterson, Joel		Pribadi, Iwan	
Owens, John		Peterson, Karl		Price, Ritchie	
Pacholski, Katie		Peterson, Kirk		Prior, Wayne	BS1980
Packebush, Melinda	BS1996	Peterson, Kyle	BS2014	Prochaska, James	BS1966
Pallegar, Naresh	MS1992	Peterson, Leslie	BS2004	Proctor, Matt	BS2000
Palmer, Brad	BS1981	Peterson, Luke	BS2009	Propp, Todd	BS1987
Palmer, Neal	BS1981	Peterson, Ryan	BS2000	Prosek, Joseph	BS2003
Pang, Kowk-Chu	BS1996	Peterson, Ryan	BS2009	Prosperi, Bob	BS1970
Papesh, Adam	BS2000	Peterson, Tom	BS1967	Prouty, Derek	BS2011
Paradise, Mike		Peterson, Zachary	BS2006	Pua, Leon	BS1991
Parham, Tom		Petricka, Tracy		Puelz-Birgin, Taylor	BS2013
Parietti, Tom		Peverill, Kelsey		Pullen, Jeff	
Paris, Chris		Pfab, Adam		Pullen-Workman, Deb	
Parker, Justin		Pfeffer, Bill		Punelli, Dominic	
Parmalee, Bob		Pfeifer, Chris		Purdy, Nate	
Parr, David		Pfeiler, Bob		Qamar, Ramzi	
Parr, David		Philips, Cole		Qualheim, Cole	
Parsons, Mike		Philipsen, Alex		Quarve, Tony	
Pasquariello, Bob		Phillips, Brad		Quid, Ryan	
Patrick, Jim		Phipps, Brian		Quinn, Jeffrey	
Patterson, Cynthia		Pick, Joshua		Quinn, Kelli	
Paul, Lorri		Pidaparti, Surya		Quintero, Hernando	
Paul, Ryan		Pietig, Brian		Quiroga Cruz, Patricio	
Pauley, Randy		Pigneri, Rocco		Raadt, Nolan	
Paulsen, Bradley		Pigneri, Ryan		Radius, Eric	
Payne, Bob		Pigneri, Steve	RS1001 MS1008	Rafoth, Chad	
Payne, Joshua		Pike, Renee		Ragaller, Terese	
Pearson, Nate		Pilcher, Nathan		Rager, Jeff	
Pech, Fred				Rahbar, Faramarz (Fred)	
		Piper, Ross			MS1989, PhD1997
Pechmann, Hannah Pedersen, Ron		Pittman, Brian Pittman, Dan		Rahe, David	
Pelton, John		Pladsen, John			
				Rahe, Kyle	
Pelton, Ron		Platt, Dennis		Rainforth, Jim	
Penning, Jeff		Platt, Quentin		Rains, Joey	
Penning, Lowell		Plotts, Garett		Rajan, Salim	
Pepper, Craig		Plymesser, Cliff		Ralston, Matt	
Pepper, Dave		Poduska, Martin		Ramaekers, Tyler	
Perez, Jose		Pohlman, Jessica		Ramkumar, Jainarine	
Perkins, Brad		Pokorney, Michael		Ranch, Tim	
Perkovich, Al		Poland, Eric		Rand, Dana	
Perrenoud, Doug		Pollock, Brian		Randall, Terry	
Perry, Bryan		Pomerleau, Bruce		Ranker, Dave	
Perry, Gil		Pope, Andy		Rasmussen, Eric	
Persinger, Doug		Porayouw, Yiendra		Rasmussen, Jay	
Pestel, Paul		Port, Casey		Rasmussen, Mark	
Peters, Gerald		Postma, Gene		Rasmussen, Shawn	
Peters, Randy		Potter, Bill		Raufaste, Noel	
Petersen, Adam		Potthoff, Rachel		Raun, Owen	
Petersen, Andrew		Pottratz, Dan		Raun, Tyler	
Petersen, Bart		Powell, Doug		Raymond, Paul	
Petersen, Dean		Powell, Kelsey		Recarte, Guilleruno	
Petersen, Mike		Prasetyo, Ananto		Rech, Chris	
Peterson, Becky		Praska, Donna		Rechkemmer, Jason	
Peterson, Cork	BS1966	Pratt, Blake	BS2010	Redd, Samuel	BS2014

Reeg, Kevin	RS1003	Rohde, Angela	BS2011	Schaefer, Ross	B\$2000
Reeve, Ted		Rohler, Stephanie		Schafbuch, Casey	
Rehm, Derek		Roitman, Gad			
				Schafer, Clifford	
Rehm, Mike		Roitsch, Eric		Schafer, Dirk	
Reid, Bradley		Roland, George		Schapman, Nick	
Reid-Benjamin, Liz		Rolfes, Tom		Schebler, Jeff	
Reiff, Brendon		Romanowski, Matt		Schenck, Brad	
Reihmann, Randy		Romero, Jason		Schiefer, Jonathan	
Reimers, Grant	BS2013	Rondon, Andrew		Schierholz, Jeanna	MS2012
Reinert, Joel		Roozenboom, William	BS2002	Schimmelpfennig, Al	BS1985
Reinke, Rich	BS1975	Ropp, Branson	BS2013	Schimmer, Joel	BS2003
Reinke, Robert		Roseland, Rick	BS1978	Schlag, Megan	BS2009
Renoe, James	BS1992	Rosenbery, Aaron	BS1986	Schlueter, Tom	BS1985
Rens, Ron		Rosenow, Craig		Schluter, Lynne	
Repstien, Roger		Rosenthal, Michael		Schmall, Tom	
Reser, Kurt		Ross, Phillip		Schmidt, Bryan	
Retz, Drew		Rossmiller, Brian		Schmidt, Chad	
Reuland, Mike		Rossmiller, Pat		Schmidt, Gregg	
Revesz, Kyle		Rosso, Christopher		Schmidt, Kirt	
Rewerts, Bruce		Roth, Karl		Schmidt, Mike	
Reynolds, Andrew		Roth, Matthew		Schmidt, Nicole	
Reynolds, Brandon		Rotta, Andrew		Schmidt, Steve	
Rhoads, Clifton		Rottinghaus, Rachel		Schmit, Gary	
Rhoads, Clinton		Ruba, Nick		Schmitz, Alisha	
Rhymes, Basil	BS1983	Rucka, Brian		Schmitz, Nicole	BS2014
Rhynas, James	BS2008	Ruden, Nick	BS1994	Schneider, Jacob	BS2012
Rich, Jamie	BS1998	Ruggles, Dave	BS1988	Schneider, John	BS1984
Richards, Scott	BS1975	Ruhland, Keith	BS1979	Schnurr, Bryan	BS1996
Richardson, Jon		Ruhser, Nicholas		Schoch, Bradley	
Richardson, Michael		Rukashaza, Mary		Schoene, Rich	
Richter, Pat		Rumpf, Brian		Scholtes, Dan	
Ricken, Dave		Rumpza, Patrick		Schott, Kyle	
Ridge, Shea		Runestad, Jay		Schraeder, Mark	
Riedmann, Louis		Rusk, Jennifer		Schriever, Joel	
		· -		· -	
Riesberg, Gina		Russell, Jim		Schrobilgen, Jon	
Riesenberg, Nic		Ryan, Eric		Schroeder, Ethan	
Righi, Tim		Ryan, John		Schroeder, Garrett	
Rigsby, Tim		Ryan, Matt		Schroeder, Korey	
Ringsdorf, Bill		Ryan, Meaghan		Schroeder, Terry	
Rinker, Ian		Rypma, Robert		Schrupp-Rivero, Rolan	
Ripple, Aaron	BS2002	Sabzehzar, Habibollah		Schuetze, Martin	BS1989
Ristau, Kent	BS1993	Sahin, Cem	MS1992	Schulte, Brandon	BS2002
Rivera, Nicholas	BS2006	Sajovec, Louis	BS1988	Schulte, Greg	BS1990
Rivisto, John	BS1983	Sample, Mike	BS1981	Schultz, Edward	BS1992
Roberts, Drew		Sande, Jerry		Schultz, Matthew	
Roberts, Ewatt		Sandell, Dean		Schultz, Rich	
Roberts, Nicholas		Sanders, Brad		Schultze, Rick	
Roberts, Steve		Sanders, Eric		Schumacher, Tom	
Robertson, Elizabeth		Sanders, Joe		Schupbach, Michael	
Robinson, Jim		Sanders, Rodney		Schurman, Scott	
Roderick, Christopher		Sandvig, Bryan		Schuster, Daniel	
Rodriguez, Jesus		Sanman, Randy		Schuster, Jason	
Rodriguez, Yvan		Sarno, Frank		Schutz, Zachery	
Roecker, Scott		Sasso, Ahmed		Schwab, Ben	
Roeglin, Justin		Satterly, Bryce		Schwab, Daniel	
Rogers, Barry		Sauer, Lindsay		Schwager, Dale	
Rogers, Steven		Sautter, Bob		Schwake, Dustin	
Rogers, Tom	BS1973	Scandrett, Jeff	BS2001	Schwake, Karlianne	BS2012
Roggenbuck, Paul		Schaefer, Michael	BS2002	Schwamman, Jim	BS1981
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Schwark, Matthew	BS2008	Simbrowsky, Mark	BS1997	Soseman, Jeffrey	BS2008
Schwartz, Jeff		Simmons, Stan		Soteropulos, Gust	
Schwartz, Travis		Simon, Eric		Southard, Ron	
Schwarzenbach, Robby					
		Singelstad, Jon		Southorn, Craig	
Schweers, Christopher		Singsank, Joshua		Sowder, Edward	
Schwinghammer, Brandon		Sinnwell, Larry		Spain, Jesse	
Scott, Robert		Sipes, Jamie		Spanel, Jeff	
Scranton, Kirsta		Sirotiak, Todd		Sparks, James	
Scully, Anthony			PhD2008	Sparks, Tyler	
Scully, Whitney		Sitzmann, Jordan		Spence, Jenny	
Sealine, Jon		Sjostrom, Grant		Spencer, Alex	
Seaton, Joel	BS1984	Slater, Stacy	BS1998	Spencer, Earl "Hap"	BS1975
Seaton, Shawn	BS2013	Slattery, Dan	BS1985	Spenler, Darren	BS1984
Seden, Marcus	BS2011	Sleezer, Pat	BS1989	Spevacek, George	BS1971
Seeboo, Asish	MS2008	Sleezer, Shawn	BS1991	Spidle, Craig	BS1981
Seeger, Ken		Sloan, Dan		Spooner, Kevin	
Seely, Kirk		Smalling, Bob		Sporaa, Shadrach	
Seetharaman, Hariharan Pattabhi		Smearman, Mike		Spratt, Dean	
Seibert, Johnathan		Smiley, Scott		Sprecher, Jacob	
Seibert, Tim		Smith, Aaron		Springer, Steve	
Seidl, John		Smith, Adam		Stafford, Ron	
Seifert, Steve		Smith, Andy		Stairs, Amy	
		*			
Seiler, Daniel		Smith, Branton		Stamp, Brad	
Seipold, Bob		Smith, Chris		Stangl, Mike	
Seivert, Aimee		Smith, Dave		Stanley, Dave	
Selgrade, Dominique		Smith, Don		Stanley, Jamie	
Seyko, Kevin		Smith, Donavan III		Stapleton, Andy	
Shabino, Ryan		Smith, James	BS2004	Stark, Don	
Sharp, Randy	BS1988	Smith, Jeff	BS1983	Staudt, Joshua	BS2003
Shattuck, Brian	BS1998	Smith, Jeff	BS1995	Stauduhar, Bill	BS1990
Shaw, Jacob BS2011	, MS2012	Smith, Kyle	BS1984	Stealy, Dave	BS1992
Shaw, Phillip		Smith, Matt		Stearney, Peter	
Sheesley, Mike		Smith, Randy		Stearney, Phil	
Sheets, Mark		Smith, Ray		Stearns, Craig	
Sheffert, Lary		Smith, Roger		Stecker, Jim	
Sheller, Scott		Smith, Russell		Stecker, Steve	
Shelp, Pete		Smith, Ryan		Steffen, Cory	
Shepherd, Jonathan		Smith, Steve		Steffen, Zachary	
Shepherd, Kyle		Smith, Walter		Steffens, Brian	
Sheriff, Jeff		Smith, Zachary		Steffes, Nathan	
Sherman, Anthony		Smothers, Troy		Stensland, Mike	
Sheston, Michael		Snead, Derek		Stephan, Branden	
Shevik, Gary		Snethen, Paul		Stephens, Shamus	
Shifflett, Scott		Snyder, Angie		Stephenson, Phillip	
Shilkaitis, John		Snyder, Loren		Stephenson-Eucher, Kimberly	
Shisler, Isaac	BS1976	Snyder, Mark		Stevens, Don	
Showalter, Gary	BS1979	Snyder, Wayne		Stevenson, Darin	BS1999
Shriver, Scott	BS1982	Sodders, Bob	BS1988	Stevenson, Kelly	BS1983
Shroyer, John	BS2012	Soenksen, Eric	BS2003	Stevenson, Nathaniel	BS2010
Shuba, Mike	BS1982	Solberg, Mark	BS1985	Stewart, Chris	BS1998
Shumate, Mark		Solberg, Paul		Stewart, Jeff	
Sidles, Philip		Solem, Daniel		Stewart, Jeff	
Sido, Tom		Sommerfeldt, Matthew		Stickfort, Derek	
Siegrist, Andrew		Sonmez, Rifat		Stifel, Creighton	
Sievers, Kyle		Sonnenberg, Brad		Stinn, Glen	
Sievers, Mike		Sorensen, Dane		Stockdale, Tom	
Sievers, Ryan		Sorensen, Ken		Stoecker, Mike	
Sikorski, Mike		Sorensen, Mark		Stofferahn, Gabriel	
Sill, Eric	DS1998	Sorenson, John	DS1903	Stohlgren, Keith	D21400

Stoller, Mark	BS1998	Tee, Syuin-Chet	MS2001	Tousley, Mike	BS1980
Stone, Jeff		Teegarden, Ted		Treasure, William	
Stotts, Bill		Teeters, Brian		Treharne, Steve	
Stoulil, Andrew		Tempel, Tim		Tremmel, Paul	
Stoulil, Mitchell		Templeton, Brett		Tresner, David	
Strahan, Justin		Ten Clay, Marvin		Trible, Andrew	
Strahan, Luke		_			
		TenEyck, Bob		Tripp-Rieks, Joseph	
Strawn, Diane		Teo, Clement		Trower, Richard	
Strawn, Diane		Teo, Khing		Troyer, Rich	
Streeper, Brian		Terrell, Mike		Troyer, Steve	
Streeter-Schaefer, Holly		Terrell, Sean		Truckenmiller, Justin	
Strehlow, Brad		Terry, Chad		Tubbs, Aaron	
Streit, Craig	BS2001	Tharnstrom, Gregg	BS1969	Tubbs, Kevin	BS1982
Streit, Landon	BS2009	Theis, Jeffrey	BS2008	Tucker, Richard	BS2004
Stritzel, Mark	BS1986	Thennes, Christopher	BS2007	Turczynski, Scott	BS1994
Strong, Kevin		Theodore Meiners		Turk, Jeff	
Strotman, Dan		Theulen, Taylor		Turnbull, Seamus	
Stroud, Eric		Thevenot, Guy		Turner, Troy	
Strub, Joseph		Thiel, Michael		Twedt, Cynthia	
Struble, Steve		Thoma, Elizabeth		Underwood, Brent	
Struss, Doug		Thomas, Bob		Ure, Scott	
		Thomas, Bruce			
Stueland, Joel		*		Usoro, Aniekan	
Stukenholtz, Daniel		Thomas, Jason		Vaile, Mike	
Sturm, Steve		Thomas, John		Valdez, Brandon	
Su, Hui-Tong		Thomas, Sam		Valdez, Elizabeth	
Subhransu, Muhkerjee		Thomas, Tim		Van Arendonk, Brian	
Sugre, Mike		Thomas, Tom	BS1981	Van Drew, Michael	BS2011
Sullivan, Barry	BS2001	Thompson, Dennis	BS1972	Van Dyke, Dan	BS1982
Sullivan, Bradley	BS2002	Thompson, Don	BS1975	Van Erkel, Jon	BS2008
Sullivan, Brian	BS2008	Thompson, Jim	BS1981	Van Es, Jeff	BS1993
Sullivan, Harols		Thompson, Jock		Van Hiel, Timothy	
Sullivan, Mark		Thompson, Mark		Van Loon, Matthew	
Sullivan, Tim		Thompson, Matthew		Van Oort, Jerry	
Sulzbach, Rich		Thompson, Scott		Van Roekel, Sara	
Summers, Nathan		Thompson, Scott		Van Rossum, Bill	
Swanson, Don		Thompson, Terry		Van Ryswyk, Cole	
Swanson, Steve				Van Treeck, Pat	
		Thorius, Jacob			
Swanstrom, Jay		Thornquist, John		Van Utrecht, Brian	
Swanstrom, Jim		Thrap, Joshua		Van Weelden, Steve	
Swarts, Lauren		Tieck, Craig		Van, Duong (Ocean)	
Sweeney, Ron		Tiedeman, Robert		VanCoughnett, Justin	
Sweet, Dallas		Tiemeyer, Jon		Vandekrol, Jonathan	
Sweetman, Chuck	BS1990	Tilford, Kelly		Vandenberg, Bill	BS1993
Swenson, Benjamin	BS2014	Timmons, Bill	BS1987	Vander Pol, Matt	BS2001
Swenson, Mark	BS1987	Timmons, Bruce	BS2000	Vandezandschulp, Harla	nBS1975
Swies, Dave	BS2000	Timmons, Dan	BS1981	VanFossen, Chuck	
Swinning, Thomas		Tipp, Terry		Vanheiden, Matt	
Swinton, Dean		Tirimanne, Anslem		VanManen, Larry	
Tabbert, Eric		Tjaden, Nicholas		Vannoy, Lee	
Tacke, Cody		Tjelmeland, Rich		Vannoy, Rob	
Tan, Khim-Leong		Tobin, Craig		VanRheenen, Chad	
		_			
Tan, Khim-Liong (Lawrence)		Tolbert, Jamella		Vansice, Kyle	
Tan, Kok-Heng		Tollakson, Rick		VanZandt, Rose Marie	
Tan, Lim		Tometich, James		Vardhan, Chandrika	
Taylor, Clark		Tometich, Tim		Vaske, Kent	
Taylor, Colton		Toney, Aaron		Vazquez, Edna	
Taylor, Jack		Topark-Ngarm, Bomb		Vazquez, Edna	
Taylor, Peter	BS2004	Torkildson, Eric		Veldman, Nicholas	
Tech, Dave	BS1981	Toth, Alexander	BS2013	Venter, Dan	BS1981

Verdon, Benjamin	B\$2007	Weber, Cody	B\$2008	Wiitanen, Steve	B\$2010
Viet, Krista		Weddall, Robert		Wilbur, Eric	
Voegel, Jim		Wedewer, Tom		Wilgenbusch, Luke	
Vogel, Andrew		Weeks, Dave		Wilks, Tanner	
Vogel, Tim		Weidenbach, Keith		Williams, Kevin	
Vogt, John		Weis, Shane		Williams, Nicholas	
Vonnahme, John		Welder, Larry		Williams, Nicholas Darrell	
Vorrie, Sam		Welin, Pete		Williams, Nicholas David	
Vorwald, Jason	BS1999	Welker, Kurt	BS1989	Williams, Scott	BS2009
Vos, Jaden	BS2011	Welker, Sherman	BS1982	Williams, Tim	BS2002
Vos, Jaron	BS2002	Weller, Kyle	BS2009	Williamson, Brandt	BS1980
Vosler, Warren	BS1965	Weller, Matt	BS2007	Williamson, Brian	BS1980
Voss, Ed		Weller, Ryan	BS2003	Willis, Greg	BS1985
Voss, Jim		Wells, Brian		Willis, Jason	
Voss, Kevin		Wells, Jason		Willis, Ted	
Waber, Chris		Welter, Mike		Wilming, Scott	
Wagaman, Kolton		Wendling, Scott		Wilmott, Judson	
Wageman, Mark		Wendt, Roger		Wilson, David	
Wagner, Andrew					
0		Wenger, Justin		Wilson, Jann	
Wagner, Jeff		Wenger, Lynn		Winchell, Pete	
Wagner, Mark		Wengert, Tom		Windolf, John	
Wagner, Rick		Wenthe, Dave		Wine, Rondea	
Wahle, Jim		Wenzel, Jeff		Winter, Joseph	
Waits, Colin		Werden, Steve		Winterstien, Melissa	
Waldeier, Doug	BS1997	Werderitsch, Tom	BS1966	Wirt, Darrin	BS1998
Walgamuth, Shane	BS1985	Werner, Jesse	BS2007	Wischmeyer, Kirk	BS1998
Walker, Brett	BS2005	Werthmann, Jeff	BS1985	Wise, Joshua	BS2008
Walker, Jason		Wesely, Dave		Witt, Dana	
Walker, Jim		Wessels, Brian		Witte, Darwyn	
Walker, Jon		West, Joshua		Wittkop, Scott	
Walker, Kevin		West, Nicola		Wojtysiak, Crystal	
Wall, Doug		West, Robert		Woldesenbet, Asregedew	
Wall, Lucas		Westbrook, Randy		Wolf, John	
Wall, Russ		Westby, Steve		Wolf, Nick	
				Wolfe, Michael	
Wallace, Craig		Westendorf, Bob			
Wallis, Mike		Westercamp, Frederick Chase		Wolfe, Nathan	
Walsh, Larry		Weston, Curt		Wolff, Jon	
Walstrom, Jim		Wetmore, Thomas		Wolff, Nicholas	
Walters, John		Wharff, Dave		Wollery, Brandon	
Waltz, Joel		Wheatley, Dustin		Wolter, Andy	
Wang, George		Wheeler, Tim		Wolter, Steve	BS1980
Wang, Tong	MS2010	Whitcome, Jim	BS1971	Wolterman, Scott	BS1980
Ward, Adam	BS2007	White, Alan	BS2004	Wong, Tim	BS1997
Ward, Dan	BS1984	White, Chad	BS2005	Wong, Wing-Kei	BS1999
Ward, Daniel		White, Eric		Wong, Yew-Choong	
Ward, Scott		White, George		Woo, Han-Meng	
Warner, Matt		White, Jason		Wood, Adam	
Warning, David		White, Larry		Wood, Christopher	
Warren, Jason		White, Saren		Wood, Christopher	
		Whitlatch, Mike		Wood, Elizabeth	
Washburn, Jim					
Waters, Dustin		Whitworth, Jim		Woodard, Nicholas	
Watson, Brian		Whyte, Keith		Wooledge, Hannah	
Watson, Steve		Wickering, Gary		Woolever, Douglas	
Watson-Eberhard, Kim		Wiebel, Rory		Wooley, Michael	
Wavering, Jay		Wieczorek, Arlo		Worden, Alicia	
Weaver, Brian	R\$1080	Wiederholt, Joshua	BS2007	Workman, Larry	BS1971
Weaver, Cole		Wiener, Jason		Worthington, Dustin	
	BS2006		BS2002		
Weaver, Cole	BS2006 BS1973	Wiener, Jason	BS2002	Worthington, Dustin	BS2011

Wright, Tim	BS1982
Wu, Sheng-Jer (Daniel)	MS1994
Wurzer, Lauren	
Wurzer, Wayne	BS1975
Wyatt, Rich	BS1980
Wyckoff, Andy	
Wydajewski, Ken	
Yang, Kyong-Ha	BS1973
Yeong, Joo	BS1991
Yeong, Siew-Chin1	
Yessaian, Ara	BS1980
Yocum, Lee	BS2012
Yoder, Jeff	BS1982
Yoder, Leon	
Young, James Jr	
Yung, Thomas	
Yungclas, Dave	
Yungtum, Jonathan	
Zach, Kyle	
Zahner, Nicholas	
Zaletel, Matthew	
Zarn, Bryan	
Zehnder, Geoffrey	
Zeigler, Mark	
Zeilger, Carl	
Zeliadt, Ray	
Zeller, Kirk	
Zerbe, Doug	
Zerr, Stacy	
Zhang, Jianing	
Zhong, Zheng	
Zhuravel, Adi	
Zikra, Alexander	
Zimmerman, Dakota	
Zimmerman, Steve	
Zutz, Aaron	

## **Alumni Index by State, then City**

AE (military)	Sweet, DallasBS1984	Whitlatch, MichaelBS1974
Diplomatic Post Office (DPO)	Glendale	Vail
Stealy, DavidBS1992	Glines, DanielBS1976	Kinseth, MarcBS1986
•	Harriman, BenjaminBS2010	
ALASKA	Logan, RobertBS1981	CALIFORNIA
Anchorage	Green Valley	Alameda
Erickson, BryceBS1983	Gleason, GlenBS2006	Vogel, Timothy BS2001
Rainforth, James BS1978	Marana	Alamo
Eagle River	Walker, JamesBS1987	Mukherjee, SubhransuMS1990
Larson, ChrisBS1980	Mesa	Aliso Viejo
Homer	Brush, CarlBS2006	Jepsen, MatthewBS1998
Neal, PaulBS1964	Waits, ColinBS2006	Laski, TaraBS1999
Palmer	Munds Park	Antelope
Moser, Shawn BS1998	Fowler, DennisBS1973	Van Treeck, PatrickBS1989
1.10001, 01.201770	Oro Valley	Arroyo Grande
ALABAMA	Blank, BrianBS2005	Zerbe, DouglasBS1981
Hoover	Gosselink, Jerry BS1966	Bakersfield
Anderson, Darrell BS1979	LaNasa, Richard BS1989	Engler, PhillipBS2002
Madison	Phoenix	Benicia
Merkel, Jay	Bontrager, MichaelBS1982	Schaefer, RossBS2000
Montgomery	Dillon, RalphBS1979	Bishop
Davison, ThomasBS1991	Doll, Jonathan BS2006	Larson, BradleyBS1991
Town Creek	Elkins, Jeffrey BS2005	Brea
Manning, RussellBS1972	Ensley, Ronald	Gustafson, EverettBS1971
Warrior	Hall, Jeffery BS1995	Burbank
Conner, RandallBS1975	Hunemuller, JuddBS1961	Mark, Tyler BS2007
Collifer, Kandan		Nwokedi, ChukwuemkaBS1989
A DIZANICA C	Lehan, BenjaminBS2006	
ARKANSAS Bella Vista	Miller, Dennis	Pattabhiseetharaman, HariMS2005
	Montague, Richard	Burlingame
Beck, Laurence	Nelsen, ChandlerBS1997	Hansen, Amanda
Conway	Pech, Fred	Calabasas
Solberg, MarkBS1985	Stoller, Mark	Ansari, KourosBS1983
Higden McGarter Marila	Sullivan, BradleyBS2002	Calabasas Hills
McCarty, MarkBS1987	Tometich, James	Ten Eyck, Robert BS1983
Hot Springs	Veldman, Nicholas	Cameron Park
Flannery, DarrellBS1976	Walstrom, JamesBS1979	Dittus, Kenneth BS2006
Hot Springs National Park	Werden, StephenBS1972	Carlsbad
Fleagle, EarlBS1981	Prescott	Sipes, JamesBS1983
Sherwood	Karlson, MichaelBS1979	Carmel
Pelton, RonaldBS1985	Rio Rico	Mcilrath, VaughnBS1966
4 P. (20) 4	Kumm, TylerBS2012	Carmichael
ARIZONA	Scottsdale	Granner, AndrewBS1987
Apache Junction	Archer, Thomas	Kruse, BenBS2008
Culp, Kevin BS1982	Blasco, Anthony	Cerritos
Casa Grande	Heggen, ThomasBS1975	Toney, AaronBS2001
Schiefer, JonathanBS1998	Muller, TimothyBS1976	Chula Vista
Chandler	Randall, TerryBS1970	Beyer, JamieBS2000, MS2002
Melton, ThomasBS1995	Reinke, RichardBS1975	Citrus Heights
Sandell, CarlBS1977	Surprise	Martin, GregoryBS1979
Weaver, ColeBS2006	Gardner, MilesBS1974	Concord
Flagstaff	Webb, TerrenceBS1971	Swinning, ThomasBS2004
Streit, CraigBS2001	Tempe	Copperopolis
Gilbert	Crumpton, Jon BS1978	Flatland, Raymond BS1973
Aidoo, DerickBS2000	Tucson	Costa Mesa
Leinen, TimothyBS1975	Byers, BruceBS1963	Hamilton, MatthewBS1999
Norton, Andrew BS2008	Cline, Adrianne BS1998	Klinkefus, Bradley BS2002
Schwartz, JeffryBS1991	Reuland, MichaelBS1984	

Coto De Caza	Monrovia	San Diego
Barnes, PaulBS1985	Nielsen, BrentBS1998	Frye, JamesBS1992
Cottonwood	Montclair	Irlbeck, BrianBS2001
Ones, KeithBS1978	Shaw, PhillipBS2013	McDonnell, Kimberly BS1982
Cupertino	Moraga	Morshed, Maryam BS1981
Underwood, BrentBS1981	Evans, Jason BS1974	Nelson, StevenBS1987
El Dorado Hills	Faoro, WilliamBS1985	Petersen, DeanBS1985
Kanaan, MohammadBS1985	Murrieta	Voegel, James
Elk Grove	Daher, WadihBS1986	Wood, AdamBS2002
Berkland, JamesBS1970	Napa	San Francisco
Hale, TomBS1973	Wine, RondeaBS1994	Dekovic, Nicholas BS2009
Fallbrook	Newport Beach	Hostetler, Robert BS2000
Hanson, RobertBS1973	Borgo, WilliamBS1990	Platt, Quentin
Folsom	3	
	Orange The area Time when PC1000	Smith, Adam
Miskawi, Haytham BS1989	Thomas, Timothy	Wood, Elizabeth BS2001
Fremont	Orangevale	San Jose
Yeong, Siew-Chin BS1998, MS1999	Bussard, KevinBS1985	Jensen, Carlin
Fresno	Pacifica Polo70	Nilsson, Alan
Sabzehzar, HabibBS1978	Harman, PamelaBS1979	Quinn, Kelli
Ft. Bragg	Palmdale	Tempel, Timothy BS1988
Lubbert, William BS1983	Boswell, Robert BS1974	San Juan Bautista
Fullerton	Palo Alto	Richards, ScottBS1975
Stephenson, PhillipBS1996	Nelson, MichaelBS1999	San Luis Obispo
Irvine	Powell, Kelsey BS2008	Jaggia, ChandrikaMS1991
Desai, PrashantBS1991	Palos Verdes Estates	San Mateo
Helgevold, KevinBS1982	Soteropulos, GustBS1981	Schimmer, JoelBS2003
Whyte, KeithBS1984	Pasadena	San Ramon
La Mesa	Stangl, MichaelBS1972	Johnson, StevenBS1979
Westendorf, RobertBS1979	Pioneer	McDonald, PatrickBS1983
Ladera Ranch	Case, StacyBS1990	McKee, WilliamBS1995
Li, JingxiMS2002	Pleasanton	Thompson, Scott BS1984
Lafayette	Hazel, MichaelBS2002	Santa Monica
Giroux, PaulBS1979	Poway	Grubb, Andrew BS2005
Laguna Niguel	Dooney, LeeBS1985	Saratoga
Carlson, JamesBS1980	Rancho Palos Verdes	Larson, MatthewBS2001
Lake Forest	Seaton, JoelBS1984	Solana Beach
Kirchner, RandalBS1980	Rancho Santa Margarita	Washburn, JamesBS1979
Lakewood	Feilmeier, TedBS1977	Sonoma
Hayes, John BS1984	Perkovich, Alan BS1988	Holmberg, Alan BS1981
Logan, Robert BS1973	Redondo Beach	Studio City
Livermore	Roecker, ScottBS1987	Schlag, MeganBS2009
Littrell, BrianBS1981	Redwood City	Tjelmeland, Richard BS1982
Long Beach	Burda, GregoryBS1999	Sunnyvale
Brady, JamesBS1981	Riverside	Novak, DanielBS1986
Smith, Walter	O'Dear, DavidBS1986	Temecula
Los Altos	Rocklin	Simmons, Stanley BS1979
Smothers, TroyBS1997	Lunsford, JohnBS1990	Thousand Oaks
Los Angeles	Roseville	Hale, RondalBS2007
Klootwyk, NormanBS1972	Qualheim, ColeBS2008	Torrance
Lovin, Grant	Tilford, KellyMS1996	Maranowicz, John BS2000
Madera	Sacramento	Trabuco Canyon
Al-Khayyat, Ahmad BS1995	Bailey, Matthew	Al-Tai, Ali
Marina Del Rey Brink, KevinBS1988	Davis, Scott	Downing, Steven BS1976
	Meier, John	Valencia  Hurd Scott
Mission Viejo	Wyatt, RichardBS1980	Hurd, ScottBS1981
Lukin, John	San Carlos Trak David BC1001	Venice
Nelson, Randy	Tech, DavidBS1981	Lorensen, Louisa
Ruhland, KeithBS1979		Visalia
		Cramer, Michael BS2006

Rabbar, Faramara   RS 1973   MS 1989	Walnut Creek		Coziahr, Thomas	BS1984	Greenwood Village	
Photopy		BS1973 MS1989			_	BS1978
Recg. Kevm	ransar, raramarz				,	
Vessatin, Ara   R51980   Namitho Samuel   R51990   Namilton Simuel   R51990   Namilton Samuel   R519	Reeg Kevin				0	BS1980
Verstalin Ara         INSTAPA         Numbrion Samuel         INSTAPE         Kawallicros, Minas         INS2005           Vorba Linda         BS 1982         Nampton, Lake         BS 1988         Boshart, Seven         BS 1988           McDonald, John         BS 1981         Prochaska, James         BS 1966         Boshart, Seven         BS 1989           COLORADO         Rate, Andrew         BS 2007         Co. Fric         Dispay           Avad         Sale Jeff         BS 1993         Samman, Randall         BS 1991         Larkepur         BS 1997           Aurora         BS 2001         Stanth, David         BS 2001         Lintle, Tod         BS 1996           Avon         BS 1966         BS 1967         Stanth, David         BS 2002         Bosett, Claire         BS 1967           Basalt         BS 1976         Demore, Richard         BS 1964         Harrington, Kevin         BS 1998           Basalt         BS 1978         Eaton         BS 1978         Basalt         BS 1978	_					
		B\$1980				BS2005
Gritters, Michael						
McDonald, John		R\$1082	_			R\$1082
Prochaska, James						
Rotta Andrew	MCDonaid, John					
Name   Section   Section	COLORADO					
Name   Secondary   Smith,   David   Secondary   Secondary   Secondary   Smith,   David   Secondary						
Number   Samue   Sam		BC1003				RC1096
Baselt, Claire	· · ·					
Mailoran, John		DC2010				DC1005
Halloran, John						
Spanell, Jeffery	· -	PC1000	· -	D32002		
Basalt Harder, Matthew         Eaton         Jang, Dongying, MS2001         MS2001           Harder, Matthew         BS0099         Schimmelpfennig, Alan         BS1987         Lobusch, Andrew         BS2007           Bosshart, James         BS1978         Lauters, Nicholas         BS2000         May, Ryan         BS2001           Broomfield         Edwards         McCollough, Laura         MS1996           Hamilton, Craig         BS1973         Stamp, Bradley         BS1991         McCollough, Laura         MS1996           Hammemann, Tod         BS1972         Thomas, Robert         BS1980         Paradise, Michael         BS1967           Mueller, Tyler         BS1981         Elbert         Longmont         Image Telephane         BS1996           Schroeder, Terry         BS1981         Elbert         Longmont         BS1998         BS1988         Elizabeth         Longmont         Longmont         BS1988         BS1988         Elizabeth         Longmont         Longmont         Longmont         Longmont         Longmont         BS1988         Elizabeth         Longmont         Longmont <t< td=""><td></td><td></td><td></td><td>DC1064</td><td></td><td></td></t<>				DC1064		
Bow Mar		D31970				
Bow Mar         Edgewater         Kobusch, Andrew         BS2007           Bosshart, James         B.1978         Lattuers, Nicholas         BS2005         May, Ryan         BS2001           Broomfield         Edwards         McCollough, Todd.         B51996           Hamilton, Craig         BS1972         Stamp, Bradley         BS1991         McCollough, Laura         M51996           Mueller, Tyler         BS2013         Stamp, Bradley         BS1985         Paratises, Michael         BS1967           Buena Vista         BS1981         BS1981         BS1981         BS1982         Paratises, Michael         B51992           Buena Vista         BS1980         DeRose, Kenneth         BS1988         Dingwall, Jeffrey         B51981           Bosshart, David         BS1988         Dillavou, Timothy         B51981         Dingwall, Jeffrey         B51983           Postra, Gene         BS1998         Eric         B51988         Dingwall, Jeffrey         B51983           Hawkins, Ryan         BS2004         Crookshank, Jason         B51981         Hughes, Marc         B51980           Schwamman, James         B51991         Eric         Lule         Lugen         B51993         Gibbs, Larry         B51995           Washnieski, Megan		DC2000		DC1005	- 0 0, 0	
Broomfield         Edwards         BS20001         May, Ryan.         BS2001           Broomfield         Edwards         BS1991         McCollough, Todd.         BS1996           Hamilton, Craig.         BS1972         Stamp, Bradley.         BS1991         McCollough, Taura.         MS1996           Mueller, Tyler.         BS2013         Elbert         Lone Tree           Schroeder, Terry.         BS1981         Sharples, Stephanie         BS1983         Enserro, Elizabeth         BS1998           Buena Vista         Elizabeth         Longmont         BS1980         Longmont           Bosshart, David         BS1988         Dillavou, Timothy.         BS1981         Longmont           Castle Rock         BS1988         Englewood         Louisville           Castle Rock         BS1988         Eric         Louisville           Hamilton, Robert.         BS1988         Eric         Loveland           Hamilton, Robert.         BS1988         Eric         Loveland           Hawkins, Ryan         BS2004         Crookshank, Jason         BS1997         Gibbs, Reese.         BS1980           Postma, Gene         BS1991         Kergeree         BS1988         Grach, Steven         BS1988         Grabalan, Gerald         BS19		DS2009	1 0		=	
Broomfield         Edwards         McCollough, Todd.         BS1996           Hamilton, Craig.         BS1972         Thomas, Robert.         BS1981         McCollough, Laura.         MS1996           Hamemann, Tod.         BS1972         Thomas, Robert.         BS1985         Paradise, Michael.         BS1967           Mueller, Tyler.         BS2013         Elbert         Lone Tree           Schroeder, Terry.         BS1981         Sharples, Stephanie         BS1983         Enserro, Elizabeth         BS1998           Bosshart, David.         BS1988         DeRose, Kenneth         BS1988         Dingwall, Jeffrey         BS1980           Moltz, Vincen.         BS1968         Dillowot, Timothy         BS1981         Dingwall, Jeffrey         BS1980           Philips, Cole.         BS1988         DeRose, Kenneth         BS1981         Dingwall, Jeffrey         BS1980           Caste Rock         BS1988         Pice         Louisville         Lucleur         BS1980           Hamilton, Robert         BS1988         Eric         Louisville         Lucleun         BS1980           Hamilton, Robert         BS1989         Eric, David, Jason         BS1993         Gibbs, Reese         BS1980           Postma, Gene         BS19918         Neeppl, Dan		DC1070	0	DC2005		
Hamilton, Craig	. 9	D31976		DS2003		
Hammemann, Tod   BS1972   Thomas, Robert   BS1985   Faradise, Michael   BS1967   Mueller, Tyler   BS1981   Sharples, Stephanie   BS1983   Enserro, Elizabeth   BS1992   Buena Vista   BS1986   DeRose, Kenneth   BS1988   DeRose, Kenneth   BS1988   Dingwall, Jeffrey   BS1988   Philips, Cole   BS1988   Englewood   Erb, David   BS1981   Nading, Jeff   BS1980   Hamilton, Robert   BS1988   Erb, David   BS1991   Hughes, Marc   BS1980   Hamilton, Robert   BS1988   Erb, David   BS1993   Gibbs, Reese   BS1980   Hamilton, Robert   BS1981   Neppl, Daniel   BS1983   Granahan, Gerald   BS1980   Hawkins, Ryan   BS2004   Crookshank, Jason   BS1993   Gibbs, Reese   BS1980   Neppl, Daniel   BS1983   Granahan, Gerald   BS1980   Robert   BS1981   Robert   Monument   BS1981   Robert   Monument   BS1981   Robert   Monument   BS1981   Robert   BS1982   Robert   BS1983   Robert   BS1984   Robert   BS1984   Robert   BS1985   Robert   BS1985		DC1072		DC1001	9	
Mueller, Tyler						
Schroeder, Terry         BS1981         Sharples, Stephanie         BS1983         Enserro, Elizabeth         BS1990           Buena Vista         Elizabeth         Longmont           Bosshart, David         BS1980         DeRose, Kenneth         BS1988         Dillayou, Timothy         BS1981         Nading, Jeffrey         BS1980           Moltz, Vincent         BS1988         Englewood         Louisville           Castle Rock         Erb, David         BS1971         Louisville           Hamilton, Robert         BS1988         Eric         Louisville           Hawkins, Ryan         BS2004         Crookshank, Jason         BS1993         Gibbs, Rese         BS1980           Postma, Gene         BS1991         Neppl, Daniel         BS5988         Granahan, Gerald         BS1981           Schwamman, James         BS1981         Veergreen         Walsh, Larry         BS1980           Centennial         Andrews, Randall         BS2008         Monument           Centennial         Hoffman, Rodney         BS1982         Morrison           Nagen, Brent         BS1995         Foxfield         Morrison           Rewerts, Bruce         BS1992         Knibbe, John         BS1992         Reid, Bradley         BS2009				BS1985		BS1967
Buena Vista         Elizabeth         Longmont           Bosshart, David         BS1968         Dilayou, Timothy         BS1988         Dingwall, Jeffrey         BS1980           Moltz, Vincent.         BS1968         Dillayou, Timothy         BS1981         Nading, Jeff         BS1980           Philips, Cole         BS1998         Englewood         Louisville           Castle Rock         Erb, David         BS1971         Hughes, Marc         BS1980           Hamilton, Robert.         BS1988         Erie         Louisville           Hamilton, Robert.         BS1981         Erie         Loueland           Hawkins, Ryan         BS2004         Crookshank, Jason         BS19980         Gilbbs, Reese         BS1980           Postma, Gene         BS1991         Neppl, Daniel         BS1988         Granahan, Gerald         BS1981           Schwamman, James         BS1981         Evergreen         Walsh, Larry         BS1980           Washnieski, Megan         BS2001         Andrews, Randall         BS2008         Monument           Centemial         BS2001         Hoffman, Rodney         BS1989         Harris, Charlie         BS1998           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1989         Smith, Randa				DC1002		DC1002
Bosshart, David   B51980   DeRose, Kenneth   B51988   Dingwall, Jeffrey   B51983   Moltz, Vincent   B51968   Dillavou, Timothy   B51981   Nading, Jeff   B51980   Dingwall, Jeffrey   B51980		BS1981		BS1983	·	BS1992
Moltz, Vincent.         BS1968         Dillavou, Timothy         BS1981         Nading, Jeff.         BS1980           Philips, Cole.         BS1998         Englewood         Louisville           Castle Rock         Erb, David.         BS1971         Hughes, Marc.         BS1998           Hamilton, Robert.         BS1988         Erie         Loveland           Hawkins, Ryan         BS2004         Crookshank, Jason         BS1993         Gibbs, Reese         BS1980           Postma, Gene         BS1991         Neppl, Daniel         BS1980         Granahan, Gerald         BS1981           Schwamman, James.         BS1981         Evergreen         Walsh, Larry         BS1981           Washnieski, Megan.         BS2001         Andrews, Randall         BS2008         Monument           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1989         Mortment         BS1998         Mortment           Kaufman, Eric         BS1995         Foxfield         Mortment         Mortment         BS1998         Monument           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1989         Mortment         Mortment         BS1998         Mortment         BS1998         Mortment         BS1998         Mortment         BS1		DC1000		DC1000	O	DC1002
Philips, Cole.         BS1998         Englewood         Louisville           Castle Rock         Erb, David         BS1971         Hughes, Marc         BS1998           Hamilton, Robert         BS1988         Eric         Loveland         Loveland           Hawkins, Ryan         BS2004         Crookshank, Jason         BS1993         Gibbs, Reese         BS1980           Postma, Gene         BS1991         Neppl, Daniel         BS1988         Granahan, Gerald         BS1981           Schwamman, James         BS1981         Evergreen         Walsh, Larry         BS1981           Washnieski, Megan         BS2001         Andrews, Randall         BS2008         Monument           Centennial         Ganch, Steven         BS1989         Harris, Charlie         BS1998           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1982         Smith, Randall         BS1998           Nook, Corey         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Kribbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009	-					
Castle Rock         Erb, David         BS1971         Hughes, Marc         BS1988           Hamilton, Robert         B51988         Erie         Loveland           Hawkins, Ryan         BS2004         Crookshank, Jason         BS1993         Gibbs, Reese         BS1980           Postma, Gene         B51991         Neppl, Daniel         BS1988         Granahan, Gerald         BS1980           Schwamman, James         B51981         Evergreen         Walsh, Larry         BS1979           Washnieski, Megan         B52001         Andrews, Randall         BS2008         Monument           Centennial         B52000         Hoffman, Rodney         B51989         Harris, Charlie         B51980           Kaufman, Eric         B52000         Hoffman, Rodney         B51982         Smith, Randall         B51986           Nagen, Brent         B51995         Foxfield         Morrison         Morrison           Rewerts, Bruce         B51998         Knibbe, John         B51982         Reid, Bradley         B52009           Rewerts, Bruce         B51998         Kribbe, John         B51981         Brouillette, Bret         B51983           Zeigler, Mark         B51968         Ft. Collins         Callahan, Michael         B52000			-	BS1981	<u> </u>	BS1980
Hamilton, Robert		BS1998	0	DC1071		PC1000
Hawkins, Ryan		DC1000		BS19/1	_	BS1998
Postma, Gene				DC1002		DC1000
Schwamman, James         BS1981         Evergreen         Walsh, Larry         BS1979           Washnieski, Megan         BS2001         Andrews, Randall         BS2008         Monument           Centennial         Ganch, Steven         BS1989         Harris, Charlie         BS1998           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1982         Smith, Randall         BS1998           Nagen, Brent         BS1995         Foxfield         Morrison         Morrison           Nook, Corey         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Colorado Springs         Elliott, Grant         BS1993         Davis, Ro					· · · · · · · · · · · · · · · · · · ·	
Washnieski, Megan.         BS2001         Andrews, Randall         BS2008         Monument           Centennial         Ganch, Steven         BS1989         Harris, Charlie         BS1998           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1982         Smith, Randall         BS1986           Nagen, Brent         BS1995         Foxfield         Morrison         Morison         BS1908           Rewerts, Bruce         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1998         Knibbe, John         BS1998         Brouillette, Bret         BS1908           Sullivan, Harold         BS1968         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Zeigler, Mark         BS1968         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Colorado Springs         Elliott, Grant         BS1999         Callahan, Michael         BS2000           Colorado Springs         BS1979         Haynes, Mark         BS1983         Davis, Robert         BS1991           Coffee, Douglas         BS1979         Norby, Ronald         BS1971         Fagen, Matthew         MS1999           Goettsch, Craig         BS1979				BS1988		
Centennial         Ganch, Steven         BS1989         Harris, Charlie         BS1998           Kaufman, Eric         BS2000         Hoffman, Rodney         BS1982         Smith, Randall         BS1986           Nagen, Brent         BS1995         Foxfield         Morrison           Nook, Corey         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1992         Frisco         Parker           Sullivan, Harold         BS1968         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Zeigler, Mark         BS1976         Ft. Collins         Callahan, Michael         BS2000           Colorado Springs         Elliott, Grant         BS1995         Christensen, Ronald         BS1971           Chamberlain, Rusty         BS2004         Haynes, Mark         BS1983         Davis, Robert         BS1991           Gottsch, Craig         BS1979         Norby, Ronald         BS1971         Fagen, Matthew         MS1999           Gubathakurta, Swagata         MS1989         Willis, Ted         BS1997         Koenen, Matt         BS1997           Raine, Celeste         BS2001         Glenwood Springs         Krumwiede, Christopher         BS1998				DC2000	•	
Kaufman, Eric         BS2000         Hoffman, Rodney         BS1982         Smith, Randall         BS1986           Nagen, Brent         BS1995         Foxfield         Morrison           Nook, Corey         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1992         Frisco         Parker           Sullivan, Harold         BS1968         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Zeigler, Mark         BS1976         Ft. Collins         Callahan, Michael         BS2000           Colorado Springs         Elliott, Grant         BS1995         Christensen, Ronald         BS1971           Coffee, Douglas         BS1979         Norby, Ronald         BS1971         Fagen, Matthew         MS1999           Goettsch, Craig         BS1979         Swanstrom, James         BS1977         Ivis, David         BS1978           Guhathakurta, Swagata         MS1989         Willis, Ted         BS1996         Koenen, Matt         BS1997           Raine, Celeste         BS2001         Glenwood Springs         Krumwiede, Christopher         BS1998           Schenck, Bradley         BS1986         Golden         Eikanger, Steven         BS1995	_	BS2001			1.10114111111	
Nagen, Brent         BS1995         Foxfield         Morrison           Nook, Corey         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce         BS1992         Frisco         Parker           Sullivan, Harold         BS1968         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Zeigler, Mark         BS1976         Ft. Collins         Callahan, Michael         BS2000           Colorado Springs         Elliott, Grant         BS1995         Christensen, Ronald         BS1971           Chamberlain, Rusty         BS2004         Haynes, Mark         BS1983         Davis, Robert         BS1991           Coffee, Douglas         BS1979         Norby, Ronald         BS1971         Fagen, Matthew         MS1999           Goettsch, Craig         BS1979         Swanstrom, James         BS1971         Ivis, David         BS1978           Guhathakurta, Swagata         MS1989         Willis, Ted         BS1996         Koenen, Matt         BS1997           Raine, Celeste         BS2001         Glenwood Springs         Krumwiede, Christopher         BS1998           Schenck, Bradley         BS1989         Boat, Steven         BS1984         Peyton		DC2.000				
Nook, Corey.         BS1998         Knibbe, John         BS1982         Reid, Bradley         BS2009           Rewerts, Bruce.         BS1992         Frisco         Parker           Sullivan, Harold         BS1968         McClain, Kevin         BS1998         Brouillette, Bret         BS1983           Zeigler, Mark         BS1976         Ft. Collins         Callahan, Michael         BS2000           Colorado Springs         Elliott, Grant         BS1995         Christensen, Ronald         BS1971           Chamberlain, Rusty         BS2004         Haynes, Mark         BS1983         Davis, Robert         BS1991           Coffee, Douglas         BS1979         Norby, Ronald         BS1971         Fagen, Matthew         MS1999           Goettsch, Craig         BS1979         Swanstrom, James         BS1977         Ivis, David         BS1978           Guhathakurta, Swagata         MS1989         Willis, Ted         BS1996         Koenen, Matt         BS1997           Raine, Celeste         BS2001         Glenwood Springs         Krumwiede, Christopher         BS1998           Schenck, Bradley         BS1989         Boat, Steven         BS1984         Peyton           Smith, Kyle         BS1986         Charlson, Kevin         BS1999         Neel				BS1982	·	BS1986
Rewerts, BruceBS1992FriscoParkerSullivan, HaroldBS1968McClain, KevinBS1998Brouillette, BretBS1983Zeigler, MarkBS1976Ft. CollinsCallahan, MichaelBS2000Colorado SpringsElliott, GrantBS1995Christensen, RonaldBS1971Chamberlain, RustyBS2004Haynes, MarkBS1983Davis, RobertBS1991Coffee, DouglasBS1979Norby, RonaldBS1971Fagen, MatthewMS1999Goettsch, CraigBS1979Swanstrom, JamesBS1977Ivis, DavidBS1978Guhathakurta, SwagataMS1989Willis, TedBS1996Koenen, MattBS1997Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1986Charlson, KevinBS1998Fikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1983Sullivan, MarkBS2007Cripps, JamesBS1983				201000		D.C. C.C.
Sullivan, HaroldBS1968McClain, KevinBS1998Brouillette, BretBS1983Zeigler, MarkBS1976Ft. CollinsCallahan, MichaelBS2000Colorado SpringsElliott, GrantBS1995Christensen, RonaldBS1971Chamberlain, RustyBS2004Haynes, MarkBS1983Davis, RobertBS1991Coffee, DouglasBS1979Norby, RonaldBS1971Fagen, MatthewMS1999Goettsch, CraigBS1979Swanstrom, JamesBS1971Ivis, DavidBS1978Guhathakurta, SwagataMS1989Willis, TedBS1996Koenen, MattBS1997Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1986Charlson, KevinBS1998Feikanger, StevenBS1995Stritzel, MarkBS1986Faktor, BryanBS1999Neelan, PatrickBS1981Commerce CityMiner, JasonBS1981Nelan, PatrickBS1981Thomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983				BS1982	,	BS2009
Zeigler, MarkBS1976Ft. CollinsCallahan, MichaelBS2000Colorado SpringsElliott, GrantBS1995Christensen, RonaldBS1971Chamberlain, RustyBS2004Haynes, MarkBS1983Davis, RobertBS1991Coffee, DouglasBS1979Norby, RonaldBS1971Fagen, MatthewMS1999Goettsch, CraigBS1979Swanstrom, JamesBS1977Ivis, DavidBS1978Guhathakurta, SwagataMS1989Willis, TedBS1996Koenen, MattBS1997Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983				701000		D01000
Colorado SpringsElliott, GrantBS1995Christensen, RonaldBS1971Chamberlain, RustyBS2004Haynes, MarkBS1983Davis, RobertBS1991Coffee, DouglasBS1979Norby, RonaldBS1971Fagen, MatthewMS1999Goettsch, CraigBS1979Swanstrom, JamesBS1977Ivis, DavidBS1978Guhathakurta, SwagataMS1989Willis, TedBS1996Koenen, MattBS1997Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983			· ·	BS1998		
Chamberlain, RustyBS2004Haynes, MarkBS1983Davis, RobertBS1991Coffee, DouglasBS1979Norby, RonaldBS1971Fagen, MatthewMS1999Goettsch, CraigBS1979Swanstrom, JamesBS1977Ivis, DavidBS1978Guhathakurta, SwagataMS1989Willis, TedBS1996Koenen, MattBS1997Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983	_	BS1976		D0100#		
Coffee, DouglasBS1979Norby, RonaldBS1971Fagen, MatthewMS1999Goettsch, CraigBS1979Swanstrom, JamesBS1977Ivis, DavidBS1978Guhathakurta, SwagataMS1989Willis, TedBS1996Koenen, MattBS1997Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983		700004				
Goettsch, Craig	_					
Guhathakurta, Swagata.MS1989Willis, Ted.BS1996Koenen, Matt.BS1997Raine, Celeste.BS2001Glenwood SpringsKrumwiede, Christopher.BS1988Schenck, Bradley.BS1989Boat, Steven.BS1984PeytonSmith, Kyle.BS1984GoldenEikanger, Steven.BS1995Stritzel, Mark.BS1986Charlson, Kevin.BS1999PuebloWendt, Roger.BS1986Faktor, Bryan.BS1982Neelan, Patrick.BS1981Commerce CityMiner, Jason.BS2001SalidaThomas, Jason.BS1997Ranker, David.BS1971Moltz, Eric.BS1990DenverGrand JunctionSilverthorneBerry, Todd.BS1989Sullivan, Mark.BS2007Cripps, James.BS1983			•		_	
Raine, CelesteBS2001Glenwood SpringsKrumwiede, ChristopherBS1998Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983						
Schenck, BradleyBS1989Boat, StevenBS1984PeytonSmith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983	_			BS1996		
Smith, KyleBS1984GoldenEikanger, StevenBS1995Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983				701004	*	rBS1998
Stritzel, MarkBS1986Charlson, KevinBS1999PuebloWendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983				BS1984	-	D0100=
Wendt, RogerBS1986Faktor, BryanBS1982Neelan, PatrickBS1981Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983					_	BS1995
Commerce CityMiner, JasonBS2001SalidaThomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983						
Thomas, JasonBS1997Ranker, DavidBS1971Moltz, EricBS1990DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983	_	BS1986				BS1981
DenverGrand JunctionSilverthorneBerry, ToddBS1989Sullivan, MarkBS2007Cripps, JamesBS1983						
Berry, ToddBS1989 Sullivan, MarkBS2007 Cripps, JamesBS1983		BS1997		BS1971		BS1990
,						
Bricker, TravisBS2012	•		Sullivan, Mark	BS2007	Cripps, James	BS1983
	Bricker, Travis	BS2012				

Steamboat Springs	Jacksonville	Windermere
Sloan, DanielBS1981	Wheeler, TimothyBS1977	Holmes, ShawnBS1999
Superior	Jupiter	Winter Garden
Lehman, Jeffrey BS1988	Brooks, DavidBS1974	Stephan, Branden MS1999
Moore, Ryan BS1998	Koepnick, JimBS1971	Winter Park
Thornton	Lesh, John BS1985	Zeliadt, Raymond BS1995
Buscher, NicoleBS1998	Lake Clarke Shores	Winter Springs
Thomas, JohnBS1984	Heier, RyanBS2000	Otto, RichardBS1973
Westminster	Lake Mary	
Graeve, MichaelBS1978	Peterson, ThomasBS1967	GEORGIA
Graeve, Douglas BS1984	Lakeland	Alpharetta
Krage, Thomas BS1978	Wall, RussellBS1967	Yoder, Leon
Schaefer, MichaelBS2002	Longwood	Atlanta
	Brostrom, DarrelBS1979	Brandt, MichaelBS1979
CONNECTICUT	Naples	Cahalan, ScottBS1984
Brooklyn	Potter, WilliamBS1978	Hofert, DanielBS1994
Fils, GaryBS1979, MS1983	Orlando	Hundley, SarahBS2004
	Frohardt, Daniel BS2007	Kundinger, Jessica BS2007
DELAWARE	Ladd, ColleenBS1997	Olson, Justin BS2005
Bear	McLatchie, DavidBS2002	Phillips, BradleyBS1980
Boedeker, RalphBS1982	Palm Beach Gardens	Schultze, RichardBS1982
•	Hass, Michael BS1997	Stauduhar, WilliamBS1990
DISTRICT OF COLUMBIA	Hobbs, SydBS1979	Big Canoe
Washington	Palm City	Gotfredson, GaryBS1965
Ford, MichaelBS1980	Beisler, BruceBS1981	Cumming
	Palm Harbor	Troyer, Richard BS1976
FLORIDA	Harryman, MichaelBS1999	Dacula
Altamonte Springs	Pensacola	Rager, Jeffrey BS1985
Repstien, Roger BS1974	Clarke, RichardBS1979	Evans
Apopka	Pompano Beach	Ladson, AbieMS1995
Romanowski, MatthewBS1990	Asif, MohammadMS1992	Welder, LarryBS1982
Boca Raton	Ponte Vedra	Grayson
Wang, GeorgeBS1980	Blunck, ScottBS1980	Smith, Roger BS1987
Bradenton	Riverview	Kennesaw
Grablin, PatrickBS1979	Barkley, DavidBS1980	Forbes, DavidBS1984
Kunz, BradBS2003	St. Cloud	Marietta
Magee, DwightBS1984	Eckhoff, PhilipBS1972	Martin, DonBS1977
Cantonment	St. Johns	Peachtree City
Egner, MarkBS1990	Peterson, RyanBS2009	Boerschel, BryanBS1980
Cape Canaveral	Weidenbach, Keith BS1990	Markhardt, KevinBS1987
Gannon, DanielBS1970	St. Petersburg	Powder Springs
Cape Coral	Pope, AndrewBS1987	Houseman, KennethBS1983
Ask, AndrewBS1964	Smith, AndrewBS2001	Roswell  Periodorum PC1070
Debary	Tallahassee	Davis, James
Alexander, Richard	Poland, EricBS2007	Smyrna  Foundary Correst  PC1092
Fleming Island Ripple, AaronBS2002	<b>Tampa</b> Check, BrianBS1997	Fowler, Carey BS1982  Statesboro
Ft. Myers	Jones, Donald BS1987	Kim, SeongMS2004
Lowndes, JamesBS1981	Thornquist, John BS1971	Stockbridge
Tharnstrom, GreggBS1969	Walker, Jon	Schroeder, Korey BS2003
Ft. Walton Beach	Wilming, Scott	Vidalia
Hoch, MatthewBS2012	Venice	Mikulecky, LesterBS1975
Ranch, TimothyBS1983	Oehlerts, RichardBS1968	Warner Robins
Geneva	Olberding, Matt	McPherson, Michael BS1967
Zeller, KirkBS1980	Wellington	
Howey in the Hills	Cotter, AnthonyBS1975	HAWAII
Line, ThomasBS1964	Weston	Ewa Beach
Indialantic	Brown, CoreyBS2012	Fleming, Lauren BS2011
Anderson, MarkBS1980	, ,	<i>5</i> ,

Hilo	Burnham	Coal Valley
Kirstein, NathanBS2000	Leuzzi, MarioBS1998	Brubaker, JamesBS1966
Honolulu	Burr Ridge	Ward, DanielBS1984
Mercuris, Peter BS2006	Martin, James BS1997	Collinsville
Kilauea	Carol Stream	Reinert, JoelBS1981
Hansen, ScottBS1985	Amberg, Steven BS2012	Crystal Lake
Papaaloa	Carpentersville	Cowger, LisaBS1986
McGuire, RyanBS2006	Mootrey, WadeBS2012	Knight, JeffreyBS1983
, ,	Spence, JennyBS1999	Nissen, James BS1981
IDAHO	Cary	Peterson, KirkBS1985
Boise	Anderson, DavidBS1979	Decatur
Nott, DennisBS1973	DeGroote, Stephen BS1987	Baumann, StevenBS1992
Pullen, Jeff BS1980	Higgins, Scott BS1983, MS1985	Deer Park
Idaho Falls	Seyko, Kevin	Evans, JohnBS1977
Adams, Richard BS1976	Wageman, MarkBS1990	Deerfield
Roseland, RichardBS1978	Chatham	Wallis, Michael BS1996
Roscialia, Richard	Johnson, DavidBS1980	Dekalb
ILLINOIS	Ludwig, Steven	Gannon, Patrick BS1991
	Wavering, JayBS2000	Wood, Christopher BS2003
Algonquin	· ,	Des Plaines
Elliott, John	Chicago	
Larson, JeffreyBS1988	Alleman, Anthony	Cox, Edward
Alsip	Anderson, Rick	Downers Grove
Marrin, GaryBS1979	Bolchazy, Allan	Goddard, ChadBS2001
Antioch	Bosman, MatthewBS2003	Johnson, Peter BS2013
Mihovilovich, JerryBS2007	Brown, Jason	Dunlap
Arlington Heights	Cahill, Daniel	Martin, PeterBS1981
Dabrowski, KonradBS2011	Cilio, AndrewBS2004	Edwards
Frank, AndyBS1984	Cotan, Robert BS2012	Geske, JeffBS1982
Revesz, KyleBS2013	Dunlavy, EricaBS2011	Elgin
Tan, Khim-LiongMS1998	Dziedzic, ShawnBS1996	Auer, Jason BS1993
Auburn	Grimmius, Joben BS2009	Dawson, PaulBS1979
Dennis, Zachary BS2011	Hafencher, KarlBS2010	Kaminski, Nicholas BS2001
Aurora	Huey, Peter BS2002	Wilson, JannBS1985
Cetin, OzdemirMS2001	Jelinek, AldonaMS2002	Elmhurst
Leuer, MarkBS1988	Junginger, Jaquelyn BS2001	Lindquist, EricBS2007
Summers, NathanBS2003	Karadsheh, Issa BS2002	Theis, ElizabethBS2002
Barrington	Kilheeney, Martin BS1984	Galena
Meyer, PaulBS2002	Lucas, Jeffrey BS1983	McNab, JoshuaBS2011
Olesen, MarkBS1989	Nikolin, Benjamin BS1997	Geneseo
Pepper, Dave BS1985	Olson, NickBS2010	Hott, BenjaminBS2003
Stearney, Peter BS1988	Pfab, AdamBS2002	Geneva
Bartlett	Quid, RyanBS2010	Wetmore, Thomas BS2008
Conniff, MarkBS2013	Rhymes, Basil BS1983	Gilberts
Kavouris, JohnBS1988	Roggenbuck, PaulBS2008	Lamp, IanBS1981
Batavia	Ross, PhillipBS2003	Gladstone
Lawrence, DouglasBS1978	Schott, KyleBS2003	Rinker, IanBS2011
Propp, ToddBS1981	Schultz, Edward BS1992	Glen Carbon
Beecher	Simbrowsky, MarkBS1997	Sido, ThomasBS1972
Pacholski, CatherineBS1999	Stensland, Michael BS1984	Glen Ellyn
Belleville	Sullivan, BarryBS2001	Benkert, AndrewBS1995
Boone, TimothyBS1982	Wagner, AndrewBS2006	Jabaay, ToddBS1988
Bethalto	Weller, RyanBS2003	Glendale Heights
Connor, Charles BS1980	Westercamp, Chase	Moritz, Jason
Bloomington	Wiitanen, Steve	Glenview
Bowers, James BS2006	Wong, Yew-ChoongBS2003	James, Stephen BS1985
Blue Mound	Zikra, AlexanderBS2008	Grant Park
Bishop, Alicia BS2010	Clarendon Hills	Peterson, JeffreyBS1988
Bourbonnais	Rogers, Steven BS1984	Grayslake
Rosenow, CraigBS1980	1.0ge10, 5teve11	Gutowski, KennethBS2011
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Loudin, StephenBS1981	Minooka	Romeoville
Nollin, Jacob BS2007	Dyxin, CharlesBS2001	Hilton, JimmyBS2010
Nordland, Robert BS1985	Mokena	Roscoe
Sturm, SteveBS1990	Obrecht, Christopher BS1997	Weller, KyleBS2009
Great Lakes	Moline	Round Lake
Juhl, DerekBS2006	Mackewicz, CraigBS1981	Sikorski, MichaelBS1979
Gurnee	Rossmiller, BrianBS1990	San Jose
Peterson, RyanBS2000	Montgomery	Doyle, Chris BS2002
Heyworth	Fabere, ScottBS1978	Schaumburg
Massman, MartinBS1981	Kuehner, TravisBS1999	Binder, Thomas BS1997
Hinsdale	Wells, BrianBS1996	Shorewood
Anderson, Sean	Morrison	Scholtes, Daniel
Slattery, DanielBS1985	Hedgren, Brian BS2000	South Barrington
Hoffman Estates	Naperville	Latoria, Anthony BS2007
Rucka, BrianBS2011	Bearson, KentBS1982	Spring Grove
Scully, Anthony	Frakes, AronBS1999	Larson, JeffreyBS2012
Woo, Han-MengBS1998	Greco, James	Springfield
Homewood	Kaufman, Michael	Boelman, AdamBS2002
Kataras, PeterBS2011	Kintner, MarkBS1993	Hines, Perry
Huntley  Soblustor Thomas  PC1095	Lapinskas, Alius	Persinger, Douglas
Schlueter, Thomas	Lechowicz, Phillip	Sorensen, Mark
La Grange	Li, LifengMS2002	St. Charles
Mortimer, David	Sugrue, Michael	Bickert, Timothy
Moore, JeffreyBS1978	Thomas, Samuel	Mueller, RichardBS1975
Lake Forest	Weeks, DavidBS1985	Sugar Grove
Adam, Pierre	North Aurora	Higgins, CoreyBS1999
Stohlgren, KeithBS1980	Williams, KevinBS1979	Sycamore
Lake In The Hills	Northbrook	Born, Stephanie
Lehr, DavidBS1988	Hyun, JohnBS1997	Gromala, StevenBS1986
Ure, ScottBS1985	Oak Brook	Vernon Hills
Lake Villa	Bachh, MohdMS1989	Geier, JeffreyBS1990
Bretthauer, Scott BS1982	Oswego	Washington
Libertyville	Dodd, NealBS1977	Colton, JeffBS1995
Bjorklund, CraigBS1981	Palatine	Western Springs
Golumbeck, SteveBS2000	Derus, ChadBS1997	Bezanis, BrianBS1992
Letchford, Joseph BS2011	Magnuson, MatthewBS2009	Callaghan, RobertBS1985
Lindenhurst	Stearney, PhillipBS1989	Westmont
Miller, Brett BS2011	Weber, EricBS2001	Stapleton, AndrewBS1995
Lisle	Pekin	Stapleton, LorriBS1994
Naresh, ArcotMS1996	Rogers, ThomasBS1973	Thomas, Bruce BS1983
Lombard	Peoria	Wheaton
Nashert, Walter BS2003	Cicciarelli, ScottBS1982	Christensen, MarkBS1979
Loves Park	Cicciarelli, JosephBS2013	Nielsen, Peter BS1997
Behling, KevinBS1990, MS1993	Rumpf, Brian BS1988	Treharne, Stephen BS1970
Machesney Park	Plainfield	Tresner, DavidBS2013
Sjostrom, Grant BS2003	Rosso, Christopher BS2010	Van Rossum, WilliamBS1995
Manhattan	Port Byron	Waber, Christopher BS1985
Prosek, JosephBS2003	McKay, JeffreyBS1979	Willowbrook
Mapleton	Prospect Heights	Pelton, JohnBS1991
Campen, Greg BS1988	Steffens, BrianBS2009	Wilmette
Marengo	Rock Island	Crawford, JohnBS1986
Miller, Benjamin BS2013	Green, AustinBS2012	Woodstock
McHenry	Loomis, EricBS1988	Creath, JamesBS1987
Brncich, AaronMS2009	Rockford	
Dehmlow, DarrinBS1991	Behling, RobertBS1967	INDIANA
Mendota	Johnson, BrentBS1983	Bloomington
Maas, MichaelBS1975	Kaplanes, JamesBS1989	Mukhopadhyay, SayantiMS2011
Millington	Sautter, RobertBS1981	Brownsburg
	Sautter, Robert	Diowiisbuig
Kreftmeyer, Christopher BS2002	Waldeier, DouglasBS1997	Blahnik, RobertBS1972

Crown Point	Anderson, Brian	BS1981	Peterson, Eric	BS2009
Gronewold, MarkBS1975	Bell, Steven		Pick, Joshua	
Fishers	Bement, Nicholas		Plymesser, Cliff	
Gebhardt, DouglasBS1991	Boekholder, Brian		Porayouw, Yiendra	
Mahfouz, TarekPhD2009	Bolstad, Arlan		Powell, Douglas	
Granger	Bouchard, Loren		Pribadi, Iwan	
Loeffelholz, AlanBS1985	Bouska, Timothy	BS2002	Quiroga Cruz, Patricio	BS2010
Indianapolis	Bruce, Daniel		Reser, Kurt	
Evanson, SarahBS1997	Buchwald, Donna	BS1984	Roitman, Gad	MS1993
Frank, WilliamBS1970	Catus, Ryan	BS2011	Rumpza, Patrick	BS2012
Jungst, DonaldBS1975	Chipman, Timothy	BS1997	Schneider, John	BS1984
Lafayette	Clausen, Justin	BS2003	Sharp, Randy	BS1988
Breon, CrystalBS2005	Cormicle, Larry BS	1978, MS2010	Shilkaitis, John	BS1983
Muncie	Cowles, Eric	BS2004	Shriver, Scott	
Creviston, JonathonMS2011	Dix, Larry		Sirotiak, Todd	.BS1983, MS1997,
South Bend	Drake, Donald	BS1988		PhD2008
Brindle, Steven BS1994	Draper, Scott		Snyder, Angela	
Matt, GaryBS1981	Drury, Jeff		Sparks, Tyler	
Valparaiso	Espeset, Michael		Strehlow, J. Bradshaw	
George, JosephBS1988	Geary, Patrick		Tirimanne, Anslem	
Megraw, Kerry BS2005	Hapke, James		Vannoy, Lynn	
West Lafayette	Harmelink, DavidBS		Voss, James	
Schuster, DanielBS1979		PhD1995	Wengert, Thomas	
	Hartmann (Lin), Beth		Wilmott, Judson	
IOWA	Heemstra, Bradley		Zhang, Jianing	BS2013
Ackworth	Heemstra, Christopher		Anamosa	
Stephens, Shamus BS2001	Hendrickson, Ed		Engelbart, Steven	
Adel	Hendrickson, Matthew		Fliehler, Brian	
Bruce, William	Hofer, Brad		Pilcher, Nathan	BS2006
Grieser, AnthonyBS2004	Jahnke, Matthew		Anita	DC1070
White, CarolBS1989	Jensen, Blake		Martin, John	BS1970
Ainsworth	Kaewmoracharoen, Mano		Ankeny	DC1072
Fedler, MarcusBS1994	17.	PhD2009	Alvestad, Dennis	
Albia	Kim, Sung		Anselme, Scott	
Scott, RobertBS2008  Alden	Kincart, Jim		Anthony, Mark	
	Kutchen, Mark		Audino, David	
Jacobs, DarinBS1994	Lambert, Tracey		Austin, Jeffrey Barnum, Luke	
Algona Buscher, RussellBS1989	Larson, Gregory Leek, Melissa		Baxter, Daniel	
Alleman	Loy, Zachary		Binder, Kevin	
Diaz, HermesBS2009	Manyin, Alan		Boesenberg, Brian	
Alton	Martens, George		Bollig, Russell	
Vander Pol, Matthew BS2001	McCormick, Dean		Braby, Joshua	
Altona	McCoy, Michael		Brace, Aaron	
Carter, NicholasBS2003	McDonald, Norman		Carper, Douglas	
DeCamp, AaronBS1998	McKenzie, Shawn		Carr, Brant	
Gillum, CurtBS2006	Meyn, Kent		Cheeseman, Ryan	
Hackett, CoryBS2012	Miller, Adam		Corey, Shawn	
Jones, Jason BS1995	Nelson, Christopher		Curran, Dustyn	
Miller, Aaron BS1999	Nelson, Jim		DeStigter, Jason	
Murray, TyrelBS2005	Neubauer, Scott		DeStigter, Glenn	
Schulte, BrandonBS2002	Nichols, Lincoln		Douglas, Adam	
Schwager, Dale BS2001	Osgerby, Kevin		Drew, Isaac	
Vannoy, RobbinBS1976	Papesh, Adam		Elgin, Seth	
Verdon, BenjaminBS2007	Parham, Thomas		Ellgren, Todd	
Amana	Parsons, Mike		Elliott, Scott	
Reihmann, RandyBS1982	Pechmann, Hannah		England, Benjamin	
Ames	Perry, Bryan		Fensury, Darwis	
Adam, John BS1980	Peters, Gerald		Ferris, Ryan	

Fisher, JustinBS	S2005	Atkins		Freese, Stephen	BS1986
Frideres, BrandonBS		Brown, Ethan BS2	2013	Howe, Jesse	
Harken, KaseyBS		Aurelia		Mathiasmeier, Michael	
Harris, RichardBS		Gregg, TimothyBS2	2013	Schmidt, Michael	
Harris, JosephBS		Barnum		Seibert, Tim	
Hemphill, DerekBS		Sullivan, TimothyBS1	1977	Wirt, Darrin	
Hendrickson, John BS		Beaver		Calmar	
Henning, LanceBS		Hammer, JeffreyBS1	1998	Lechtenberg, Justin	BS2003
Hodapp, TravisBS		Bellevue		Camanche	
Hoskins, ScottBS		Daugherty, LukeBS2		Sauer, Lindsay	BS2000
Johnson, ErikBS		Bettendorf		Cambridge	
Johnson, ErikBS		Benge, JamesBS1		Manfull, Bryan	BS1989
Kauffman, RyanBS		Corcoran, Timothy BS2		Meldrum, Scott	
Kinter, MelonyBS		Daxon, StevenBS1		Carlisle	
Knau, GregoryBS		Hamm, NathanBS2		Tacke, Cody	BS2003
Knudsen, GregoryBS		Hodgin, D. BrianBS1		Carroll	
Kooker, GregBS		Johnson, JacobBS2		Badding, Nicholas	BS1982
Kruse, KlintBS		Koellner, KevinBS1		Duff, Leslie	
Layland, ChadBS		Kraft, KelseyBS2		Naberhaus, Leon	
Leavitt, StevenBS		Loss, ABS1		Carson	
Lewton, Russell BS		Marbach, LeeBS2		Gordon, Aaron	BS1998
Lex, KevinBS		Mulloy, Patrick BS2		Cedar Falls	
Lutter, JimBS		Overbaugh, Brian BS2		Keagle, Dan	BS1998
Martin, MarkBS		Peterson, LukeBS2		Murphy, Michael	
Meyer, Valarie BS		Roland, GeorgeBS1		Naber, Cassandra	
Meyn, AustinBS		Russell, JamesBS1		Spain, Jesse	
Miller, LukeBS		Swanson, StevenBS1		Tripp-Rieks, Joseph	
Miltenberger, JoshuaBS		Thennes, ChristopherBS2		Windolf, John	
O'Grady, Rowdy BS		Tipp, TerryBS2		Cedar Rapids	
Olinger, EricBS		Ward, ScottBSI		Allen, Douglas	BS2010
Packebush, MelindaBS		Blue Grass	1,,,,	Andersen, Jerad	
Pottratz, DanielBS		Cahill, John BS1	1974	Azmy, Nurhidayah BS	
Roberts, DrewBS		Getman, JamesBS1		Blomme, Nathan	
Rodriguez, YvanMS		Bondurant	1701	Boyle, Jacob	
Sanders, EricBS		Brewer, Brian BS1	1991	Dusil, Randall	
Stanley, DavidBS		Cornelius, ScottBS2		Dvorak, David	
Strahan, JustinBS		Freeborn, CoryBS1		Eastburn, Geoffrey	
Strahan, Luke		Hemmen, GaryBS1		Eipert, James	
Swenson, MarkBS		Hemmen, GregoryBS1		Faine, Jeffrey	
Taylor, ColtonBS		Moss, JacobBS2		Gerard, Michael	
Timmons, Daniel		Thrap, Joshua BS2		Golding, Ben	
Van Loon, Matthew		Van Oort, Jerry BS2		Graf, Nicholas	
Vansice, KyleBS		Boone		Hopp, Mike	
Walker, Kevin BS		Dillavou, Adam BS2	2007	Johnson, Joel	
Walker, Brett		Huff, Michael BS2		Johnson, Saren	
Wall, Lucas		Long, JerryBS1		Klinsky, Erik	
Waters, Dustin		Platt, Dennis BS2		Lukan, David	
Wilson, David		Runestad, JayBS1		Lundy, Andrew	
Woolery, BrandonBS		Sporaa, ShadrachBS2		Meiners, Theodore	
Worden, AliciaBS		Waltz, JoelBS1		Ndayinzeye, Innocent	
Arcadia		Bridgewater	1 <i>22</i> ∪	Potthoff, Rachel	
Vonnahme, JohnBS		Feazell, GeorgeBS1	1080	Puelz Burgin, Taylor	
· -		_	1700	Ridge, Shea	
Argyle Klemme, BrianBS		Brooklyn  Phoads Clint  BS3	2004	Ridge, Snea Roderick, Christopher	
	52003	Rhoads, Clint BS2		-	
Arlington  Mocillars Leffray BS	52006	Showalter, Gary BS1		Scranton, Kirsta	
Moellers, JeffreyBS		Tometich, Timothy BSI	1999	Seidl, John	
Armstrong Jensen, AlexandreBS		Burlington		Singelstad, Jon	
	22000	Duke, DennisBS1	1070	Stevenson, Kelly	DC1002

Struce Daugles DC1002	Higginbothom Crog	DC1001	Chapman, Jeffrey	DC1000
Struss, DouglasBS1983 Thinnes, KarenBS1984	Higginbotham, Greg		Davidson, Judd	
	Hovenga, Anthony			
Wall, Douglas BS1984	Seipold, Robert		Davis, Tim	
Centerville	Thien, Hilary		Davis, Carlton	
Bratz, Brandon	White, Jason	BS2001	Demmel, Luke	
Finch, Zachary	Crawfordsville		Dodson, Russell	
Sheston, Michael BS2012	Horak, Brittany	BS2012	Doyle, Joel	
Chariton	Cresco		Edmondson, Jeremy	
Rosa, AshlynnBS2007	Andera, Nicholas		Egeland, Alex	BS2009
Charles City	Frohn, Robert	BS1994	Faber, Alexis	BS2004
Hendrix, RaymondBS1966	Creston		Flickinger, Timothy	BS1990
Cherokee	Carr, Tadd	BS2012	Fuller, Jake	BS2010
Christensen, JohnBS1977	Driskell, Melissa	BS1995	Gahan, William	BS1982
Clarion	Edsall, Todd		Gehl, Angela	
Clemons, AdamBS2007	Smith, Donald		Gilbreath, Mark	
Clear Lake	Cumming		Greiner, Robert	
Kibsgaard, RandyBS1984	Lounsbury, Andy	BS1984	Gumm, Matthew	
Landau, Cole	Scandrett, Jeffrey		Hansen, Jeffrey	
MS2007	Dallas Center		Hanus, Trevor	
Ricken, DavidBS1984	Fowler, Mark	BS1087	Harmon, Robert	
West, RobertBS2011	Jensen, Bradley		Hart, J	
Clemons	Peterson, David		Hibbs, Tony	
Jones, JaredBS2004	Young, James	BS2003	Hoover, Kaleb	
Clinton	Danbury		Hudnutt, Scott	
Daniels, ChristopherBS2009	Cameron, Adam	BS2000	Hutchens, Scott	
Raun, Tyler BS2003	Danville		Hutchens, Jordan	
Clio	Smith, Christopher	BS1998	Jenkins, Dane	
Marolf, RonaldBS1995	Davenport		Jesson, Matthew	
Clive	Aliwat, Ahmad	BS1981	Johansen, Erik	BS2002
Ball, Darrell BS1967	Brandt, Steven	BS1987	Johansen, Erik	BS2009
Carroll, MichaelBS1976	Ernster, Mike	BS1990	Johnson, Mark	BS1980
Doss, RobertBS1982	Frank, Stephen		Jones, Brandon	
Gerber, TedBS2010	Harry, Brian		Kimsey, Keith	
Halbur, MichaelBS1996	Kraft, Wayne		Knox, Jamie	
Hillis, MatthewBS2000	McNamara, Christopher		Koester, Paul	
Lang, StevenBS1978	Meier, Russell		Kutchen, Scott	
Larson, KentonBS1980	Nieman, Jared		Lancaster, David	
McMullen, JohnBS1990	Phipps, Brian		Lewton, Matthew	
Moore, Tom	Seden, Marcus		Linn, Scott	
Reeve, Ted	Terry, Chad		Lux, Jeremy	
	Tucker, Richard		,	
Rypma, Robert			Marburg, John	
Schnurr, Bryan	Van Fossen, Charles		Markle, Joshua	
Smith, Steven	Wiest, Lauren		Marks, Jeffrey	
Strawn, DianeBS2002, MS2004	Zarn, Bryan	BS1981	Michael, Bryan	
Su, HuiBS2004	Decorah	D. 1.0.00	Miller, David	
Vaske, KentBS1994	Kipp, Ryan		Nguyen, Arren	
Wolter, Stephen BS1980	Wyckoff, Andrew	BS1986	Nielsen, James	
Colfax	Deep River		Ohde, Douglas	
Bell, MarkBS1979	Seaton, Shawn	BS2013	O'Keefe, Emily	BS2011
Heggen, EdwardBS2002	Delhi		Pfeifer, Christine	BS1997
Coralville	Vorwald, Jason	BS1999	Philipsen, Alex	BS2013
Clarahan, RandyBS1981	Denver		Pigneri, StevenBS	1991, MS1998
Kock, TravisBS1999	Molln, Alan	BS1982	Prosperi, Robert	
Council Bluffs	Des Moines		Prouty, Derek	
Brummer, Sean	Aldrich, Nicholas	BS2002	Roeglin, Justin	
Cole, ZakaryBS2012	Bassman, Chad		Schweers, Christopher	
Coziahr, David	Bockes, Matthew		Sherman, Anthony	
Engelstad, Christopher BS2011	Bruns, Ben		Smith, Ryan	
Gorman, Thomas			Stevenson, Darin	
Gorman, momas	Cade, Peter	ששבעו 10	Stevenson, Dann	1999

Theis, Jeffrey	BS2008	Ely	Grimes
Thoma, ElizabethN		Lower, Bryan BS1983	Cramer, Robert BS1990
Tousley, Michael		Emerson	Ekstrand, EricBS1996
Trower, Richard		McKee, WadeBS1990	Fangman, StevenBS1987
Tubbs, Kevin		Epworth	Ferguson, Steven BS1988
Wharff, David		Borgerding, Scott BS2005	Frischmeyer, DavidBS2007
Wickering, Gary		Mueller, Kyle	Hansen, CraigBS1977
Williamson, S. Brandt		Estherville	Madison, MatthewBS2004
Witte, Darwyn		Schroeder, Garrett BS2008	Meyerholz, Tyler BS2005
Zaletel, Matthew		Fairfax	Morrison, Stephanie
Zeimen, Danny		Bunge, AaronBS2006	Niebuhr, StevenBS1993
<b>DeWitt</b>	032001	Rahe, Kyle	Nuckolls, Brett
Fleagle, Scott	RS1085	Fairfield	Schwarzenbach, RobbyBS1997
Gordon, Wayne		Westbrook, Randy BS1984	Sowder, Edward
Grager, Justin		Farmersburg	Squires, Vanessa
Knutsen, Jeff		Formanek, Brenton	Zach, Kyle BS2012
Ocken, Merle		Ft. Dodge	Grinnell PC1070
Proctor, Matthew	BS2000	Ahlers, Stephen	Churchill, Daniel
Dexter		Bonzer, Alex	Churchill, Dennis
Anderson, Hannah	BS2000	Hackenmiller, Ryan	Godar, MarkBS1980
Dolliver		Kolacia, CraigBS1996	Grundy Center
Hatland, Steven	BS2013	McLoughlin, ThomasBS2012	Clark, DouglasBS1989
Dubuque		Nekvinda, JonathanBS2012	Noteboom, Ryan BS2011
Borovic, Vincent		Vorrie, SamBS2012	Harper
Burds, Zach		Yung, ThomasBS2013	Hinnah, Wesley BS2011
Enderson, George		Ft. Madison	Hiawatha
Gapinski, Jonathon	BS2008	Culp, DanielBS1989	Cubbage, ClaytonBS1998
Hansen, Gregory	BS1985	Garden Grove	Krug, Everett BS1970
McDermott, CoryBS2008, N	1S2009	Thomas, ThomasBS1981	Hinton
Mueller, Adam	BS2011	Garrison	Carlson, EricMS1996
Nanke, Brandon	BS2010	Walker, JasonBS1995	Field, LorenBS1981
Schrobilgen, Jon		Gilbert	Mullen, DanielBS1979
Sievers, Michael		Stecker, JamesBS1972	Holland
Weber, Cody		Stevens, DonBS1992	Vanheiden, MattBS2001
Durant		Gladbrook	Holstein
Reimers, Grant	BS2013	Petersen, BartBS1991	Barry, DouglasBS1977
Schmidt, Gregg		Glenwood	Hospers
White, Eric		Becker, Timothy BS1994	Jungers, Derrick BS2008
Dyersville		Ringsdorf, WilliamBS1985	Hudson
Singsank, Joshua	BS2012	Streit, LandonBS2009	Dehart, RonaldBS1989
Taylor, Peter		Glidden	Humboldt
Yoder, Jeffrey		Schroeder, Ethan BS2013	David, BrianBS1999
Eagle Grove		Goldfield	Kies, Kathleen BS2002
Grandgeorge, Alex	BS2012	Meinke, AnthonyBS2010	Rechkemmer, Jason
Earlham	002012	Gowrie	Sande, JerryBS1976
Babcock, Karmyn BS1998, N	152000	Brinkman, LoganBS2012	Huxley
Butts, Kevin		Wilks, Tanner	Colman, Kassi BS2004
Eldridge	031901	Grand Junction	Harms, Corey BS2001
Knepper, Jeffrey	RSZOOO	Coon, Duane BS1979	Hikiji, VanceBS1993
Niebuhr, Lawrence		Grand River	Marlow, Bailey BS2011
Tremmel, Paul		Collier, CamronBS2010	Orgler, MichaelBS1991, MS1993
White, Chad	DS2003	Granger	Sparks, James
Elk Horn	DC2007	Flemmer, David	Wright, Benjamin BS2007
Fredericksen, Christopher	DS2UU/	Rolfes, Thomas	Independence
Elkader	002011	Van Roekel, SaraBS2004	Crosser, Scott
Bowdish, Luke	552011	Greeley	Janechek, Michael
Elkhart	062222	Hunt, MichaelBS1976	Larson, DouglasBS1995
Stafford, Ronald		Greenfield	Schwartz, AnnBS1998
Turczynski, Scott	BS1994	Morgan, Douglas BS1980	Schwartz, TravisBS1997

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Schwinghammer, Brandon	BS2013	Spooner, Kevin		Fay, Joseph	
Indianola		Venter, Daniel		Hagen, Grant	
Brady, Timothy		Yocum, Lee	BS2012	Hentges, Joseph	
Brown, Justin		Kalona		Kurth, James	
Burk, Amy	BS1995	Ropp, Branson	BS2013	Marsh, Bruce	BS1992
Butler, Joseph	BS2006	Kelley		Merta, Benjamin	BS2000
Coalbank, Chad	BS2003	Harmsen, Leroy	BS1979	Novy, Michael	BS1978
Crubaugh, Jamie		Mickelson, Kent		Reynolds, Andrew	
Dix, Ross		Keota		Snead, Derek	
Hutchens, Mark		Swanstrom, Jay	BS1982	Tobin, Craig	
Nestvedt, Joseph		Knoxville		Marshalltown	
Seeger, Kenneth		Beal, James	BS1989	Broshar, Zachary	BS2013
Selgrade, Dominique		Bishop, Brian		Calderon, Noemi	
Smith, Russell		Harrington, Matthew.		Dalluge, Robert	
Williams, Scott		Kamp, Todd		Gethmann, Jack	
Iowa City		Lake Mills		Hay, Steven	
Amundson, Robert	B\$2006	Roberts, Stephen	RS1081	Iikubo, Kakeru	
Bersch, Jason		Lake View		Mahlstede, John	
			DC2011		
Blount, Stephen		Rohde, Angela		Meyeraan, Kendall	
DeGroot, David		Wallace, Craig	BS1980	Olson, Katie	
Grunzweig, Nicholas		LeClaire	7.0000	Swarts, Lauren	
Hodge, Andrew		Friemel, Todd		Welker, Sherman	BS1982
Moore, Doug		Kouri, Adam		Mason City	
Moye-Rowley, Michael		Snyder, Mark	BS2004	Brcka, Kent	
Peterson, Zachary		LeMars		Dumdei, Victoria	
Spencer, Alex		Herbst, Dean		Hubbard, Cheryl	BS1999
Sprecher, Jacob		Hodgson, Kevin		Jessen, George	BS1984
Tiemeyer, Jon	BS1974	Meis, John	BS1982	Little, David	BS1981
Warren, Jason	BS1991	Penning, Lowell	BS1983	Schmit, Gary	BS1984
Iowa Falls		Rand, Dana	BS1986	Shaw, Jacob	BS2011, MS2012
Gehrls, John	BS1981	Leon		Sheller, Scott	
Gehrls, John	BS1981			Sheller, Scott	BS1979
Janesville		Smith, Branton			BS1979
		Smith, Branton <b>Lockridge</b>	BS2010	Sheller, Scott Watson, Stephen <b>Masonville</b>	BS1979 BS1998
Janesville Spencer, Earl  Jewell	BS1975	Smith, Branton <b>Lockridge</b> Burgmeier, Phillip	BS2010	Sheller, Scott Watson, Stephen	BS1979 BS1998
Janesville Spencer, Earl  Jewell Busch, Richard	BS1975	Smith, Branton  Lockridge  Burgmeier, Phillip  Long Grove	BS2010 BS2003	Sheller, Scott	BS1979 BS1998 BS2013
Janesville Spencer, Earl  Jewell Busch, RichardBS19  Johnston	BS1975 990, MS1996	Smith, Branton	BS2010 BS2003	Sheller, Scott	BS1979 BS1998 BS2013 BS2002
Janesville Spencer, Earl  Jewell Busch, RichardBS19  Johnston Atcheson, Gerald	BS1975 990, MS1996 BS1993	Smith, Branton	BS2010 BS2003 BS2011	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995
Janesville Spencer, Earl  Jewell Busch, Richard	BS1975 990, MS1996BS1993BS2003	Smith, Branton	BS2010 BS2003 BS2011	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995
Janesville Spencer, Earl	BS1975 990, MS1996BS1993BS2003BS1994	Smith, Branton	BS2010BS2003BS2011BS1971	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003
Janesville Spencer, Earl	BS1975 990, MS1996BS1993BS2003BS1994BS1994	Smith, Branton	BS2010BS2003BS2011BS1971BS2009	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003
Janesville Spencer, Earl	BS1975 990, MS1996BS1993BS2003BS1994BS1994BS2011	Smith, Branton  Lockridge Burgmeier, Phillip  Long Grove Cleveland, Mitchell  Macedonia Forristall, Gary  Madrid Kubik, Dave Perkins, Bradley	BS2010BS2003BS2011BS1971BS2009BS1997, MS2011	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003
Janesville Spencer, Earl	BS1975 990, MS1996BS1993BS2003BS1994BS2011BS2013	Smith, Branton	BS2010BS2003BS2011BS1971BS2009BS1997, MS2011	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003
Janesville Spencer, Earl	BS1975 990, MS1996BS1993BS2003BS1994BS2011BS2013BS2011	Smith, Branton	BS2010BS2003BS2011BS1971BS2009BS1997, MS2011BS1993	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012
Janesville Spencer, Earl  Jewell Busch, Richard	BS1975  990, MS1996  BS1993  BS2003  BS1994  BS2011  BS2013  BS2011  BS2013	Smith, Branton	BS2010BS2003BS2011BS1971BS2009BS1997, MS2011BS1993BS1984	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012
Janesville Spencer, Earl Jewell Busch, Richard	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013	Smith, Branton	BS2010BS2003BS2011BS1971BS2009BS1997, MS2011BS1993BS1984BS1978	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012 BS2008
Janesville Spencer, Earl	BS1975  990, MS1996 BS1993 BS1994 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013	Smith, Branton	BS2010BS2003BS2011BS1971BS2009BS1997, MS2011BS1993BS1984BS1978	Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012 BS2008
Janesville Spencer, Earl  Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor	BS1975  990, MS1996  BS1993 BS2003 BS1994 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012 BS2008 BS2000
Janesville Spencer, Earl Jewell Busch, Richard BS19 Johnston Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012 BS2008 BS2000
Janesville Spencer, Earl Jewell Busch, Richard BS19 Johnston Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2008 BS2000 BS1988
Janesville Spencer, Earl Jewell Busch, Richard BS19 Johnston Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2008 BS2000 BS1988
Janesville Spencer, Earl Jewell Busch, Richard	BS1975  990, MS1996  BS1993  BS2003  BS1994  BS2011  BS2013  BS2011  BS2013	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2012 BS2012 BS2008 BS2000 BS2000 BS2000
Janesville Spencer, Earl Jewell Busch, Richard BS19 Johnston Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan	BS1975  990, MS1996  BS1993 BS2003 BS1994 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2011 BS2011 BS2011 BS2011	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2008 BS2000 BS2000 BS1988 BS2000
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian	BS1975  990, MS1996  BS1993 BS2003 BS1994 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2011 BS2013 BS2011 BS2013 BS2013	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2008 BS2000 BS2000 BS1988 BS2000
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian Manatt, Andrew	BS1975  990, MS1996  BS1993 BS2003 BS1994 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2011 BS2013 BS2011 BS2011 BS2011 BS2011 BS2011	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2000 BS1988 BS2012 BS2012 BS2000 BS1988 BS2012
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian Manatt, Andrew Manning, Christopher BS19	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2011 BS2011 BS2012 BS1984 BS2001  981, MS1990	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2000 BS2000 BS1988 BS2012 BS2012 BS2013
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian Manatt, Andrew Manning, Christopher BS19 Martinson, Richard	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2011 BS2011 BS2011 BS2012 BS2011 BS2011 BS2011 BS2011 BS2011 BS2011 BS2011 BS2012 BS1984 BS2001  981, MS1990 BS1989	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2000 BS2000 BS1988 BS2012 BS2012 BS2013
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian Manatt, Andrew Manning, Christopher BS19	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2011 BS2011 BS2011 BS2012 BS2011 BS2011 BS2011 BS2011 BS2011 BS2011 BS2011 BS2012 BS1984 BS2001  981, MS1990 BS1989	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2000 BS2000 BS1988 BS2012 BS2012 BS2013
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian Manatt, Andrew Manning, Christopher BS19 Martinson, Richard	BS1975  990, MS1996 BS1993 BS2003 BS1994 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2011 BS2013 BS2011 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2013 BS2015 BS1996 BS1996 BS1989 BS1989 BS1989	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2000 BS2000 BS1988 BS2012 BS2012 BS2012 BS2012
Janesville Spencer, Earl Jewell Busch, Richard Atcheson, Gerald Boeckmann, Adam Bunner, Chad Churchill, Brad Cronin, Scott Dickerson, Kasandra Dickey, Ryan Eekhoff, Jeremy Gehm, Austin Gerleman, Joseph Haden, Trevor Halverson, Steven Hodapp, Troy Hudyma, Walter Jacobs, Cory Johnson, Keagan Laurenzo, Brian Manatt, Andrew Manning, Christopher BS19 Martinson, Richard McElroy, James	BS1975  990, MS1996 BS1993BS2003BS1994BS1994BS2011BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2013BS2015BS2016BS2011BS2011BS2011BS2011BS2012BS1984BS1989BS1989	Smith, Branton		Sheller, Scott	BS1979 BS1998 BS2013 BS2002 BS1995 BS2003 BS2003 BS2012 BS2012 BS2000 BS2012 BS2000 BS2013 BS2012 BS2016 BS2013 BS2016 BS2013

Wiebel, RoryBS2001	Otley	Rock Valley
Wischmeyer, KirkBS1998	Menninga, JohnnyBS1973	Hubers, MichaelMS1990
Nashua	Ottumwa	Roland
Sullivan, BrianBS2008	Rhynas, JamesBS2008	Templeton, BrettBS2006
Nevada	Panora	Rolfe
Brown, TrevorBS2013	Klein, Jason BS2010	Sandvig, BryanBS2005
Murphy, Matthew BS2011	Rains, JoeyBS2011	Runnells
Ristau, KentBS1993	Parkersburg	Dooley, JoshBS2002
Thiel, MichaelBS2013	Koenen, JustinBS2012	Kain, KevinBS2002
New Providence	Pella	Vannoy, LeeBS1985
Jackson, WaltBS1997	Gerdes, GregoryBS1984	Ryan
Williams, TimothyBS2002	Mathes, Jay BS2010, MS2012	Gaffney, ThomasBS2012
New Sharon	Payne, Joshua	Sac City
Van Utrecht, BrianBS2010	Turnbull, Seamus	Pratt, BlakeBS2010
Newell	Van Rheenen, Chad	Salem
Overgaard, NelsBS2006	Van Weelden, Steven	Dean, JamesBS1975
Newhall	Vanarendonk, Brian	Scranton  7:
Retz, DrewBS1986	Vos, Jaron	Zimmerman, Steven BS1976
Newton	Vos, JadenBS2011	Sergeant Bluff
Gast, Guy BS1977	Peosta	Kehrt, ChadBS1995
North English	Gaul, Brian BS1999	Sheldon
Heyne, Stephen BS1999	Graber, CortneyBS1999	Struble, Steven BS1990
Heyne, TaraBS1999	Hermsen, Joshua BS2002	Shell Rock
Jennings, Stuart BS2013	Kueter, ScottBS2001	Krull, JaredBS2012
North Liberty	Perry	Shenandoah
Drapeaux, RyanBS2006	Farley, AlanBS1989	Currie, KevinBS1984
El-Zein, Ali BS1988	Pleasant Hill	Sidney
Humphreys, JakeBS2006	Hanson, Stanley BS1970	Lowthorp, Andrew BS2010
Kacmarynski, Brian BS2003	McClain, PatrickBS2006	Sioux City
Lewton, Jonathan BS2006	Van Drew, MichaelBS2011	Agnes, Robert BS1972
Nordell, Dustin BS2006	Ward, DannyBS2007	Bertrand, RussellBS1996
Schmitz, AlishaBS1998	Workman, LarryBS1971	Bolinger, RyanBS2009
Werner, Jesse BS2007	Pleasant Valley	Brown, TimothyBS1986
Willis, Jason BS2000	Kendall, Aaron BS2007	Destigter, DouglasBS1981
Northwood	Polk City	Geisler, Bryan BS1988
Ogea, Bryce BS2012	Burgod, Nathan BS2004	Gill, ThomasBS1988
Norwalk	Hagberg, Nathaniel BS2003, MS2006	Johnson, DouglasBS1974
Altes, Jonathan BS2000	Magill, NathanBS2012	Kohn, DerekBS2013
Haaland, RyanBS2006	Ryan, JohnBS2003	Larson, DavidBS1978
Henderson, KellyBS2002	Sajovec, LouisBS1988	Leonard, StevenBS1980
Roth, MatthewBS2012	Schafbuch, CaseyBS2007	Lewis, RichardBS1991
Schmidt, StevenBS1979	Twedt, Cynthia	McCline, Curtis
Simon, Eric	Protivin	Netley, Boyd
Snethen, P. Bryon	Jestrab, EricMS2006	Obbink, Nicholas
Ocheyedan	Radcliffe	Ohlfest, Douglas
O'Connor, Michael BS2002	Lauritson, JosephBS1997	Pittman, Daniel
Ogden	Red Oak	Prescott, Gary
Jens, CalebBS2013	Drake, AdamBS2008	Rens, Ronald
-	Reinbeck	Reynolds, Brandon BS1998
Osage		
Brumm, Richard	Fleshner, Christopher	Ryan, Eric
Osceola  Program David  PC1004	Muller, Jordan BS2004	Sulzbach, Richard
Burgus, David	Peterson, Gale	Vande Zandschulp, Harlan BS1975
Paul, RyanBS2008	Rinard	Wiener, Matthew BS2002
Oskaloosa	Miller, StevenBS1994	Slater
Dickinson, DavidBS1977, MS1980	Robins	Drent, DaleBS1998
Franje, Nathan BS2003	Otto, Trevor	Sloan
Ossian	Satterly, Bryce BS2013	Stoulil, MitchellBS2008
Holthaus, RossBS2013	Rock Rapids	Solon
	Warner, Matt BS2010	Cramer, MarkBS1979

Hauser, ToddBS1984	Kumm, Doug	RC1091	Waukee	
Schebler, JefferyBS1981	Larson, Jeffrey		Bunge, Benjamin	RC2005
· - /			9	
Wurzer, WayneBS1975	Manning, Jeff		Clausen, Chris Clausen, Lucas	
Spencer Shabino, RyanBS2010			Ebel, Lee	
	Nelson, Mark			
Spirit Lake	Nelson, Ryan		Hennessey, Austin	
Berg, Michael	Pigneri, Ryan		Lorey, Patrick	
Dohlman, Dwight	Pike, Renee		McGreger, Ryan	
Eich, WilliamBS1972	Port, Casey		Merk, Jonathon	
Gilbert, RogerBS1969	Punelli, Dominic		Millard, Tyler	
Larson, DavidBS1978	Schupbach, Michael		Mills, Bradley	
Springville	Shepherd, Jonathan		Newbury, Scott	
Wenzel, JeffreyBS1982	Smith, Jeffrey		Shattuck, Brian	
State Center	Stroud, Eric		Sidles, Philip	
Conkin, GaryBS1986	Tollakson, Rick		Stifel, Creighton	
Conkin, JacobBS2011	Wolff, Nicholas	BS2010	Stoulil, Andrew	
Storm Lake	Van Meter		Sweeney, Ron	
Jennett, Samuel BS2009	Anderson, Roger		Zerr, Stacy	BS1996
Story City	Fetters, Amy	BS1996	Waukon	
Corcoran, RichardBS2005	Jones, Anthony		Seibert, Johnathan	BS2010
Cummings, RandyBS1992	Junker, Vincent	BS1990	Waverly	
Turner, TroyBS1992	Wiederholt, Joshua	BS2007	Schwake, Karlianne	BS2012
Watson, BrianBS2011	Ventura		Webster City	
Welter, MikeBS1981	Penning, Jeff	BS1999	Peterson, Joel	BS1986
Sumner	Vinton		Peterson, Gerald	BS1981
Yungtum, JonathanBS2012	Calderwood, William	BS1980	Peterson, Karl	BS2013
Swisher	Vandyke, Daniel	BS1982	Wesley	
Schoene, RichardBS1976	Walcott		Siegrist, Andrew	BS2008
Wheatley, Dustin BS2012	Berger, Robert	BS2013	West Bend	
Wieczorek, ArloBS2006	Walford		Bruellman, Clark	BS2009
Thurman	Grim, Michael	BS2009	West Branch	
Cassidy, LucasBS2009	Washington		Bowers, Ryan	BS2009
Tiffin	Hotchkiss, Jacob	BS2004	West Des Moines	
Ford, NicholasBS2002	Miller, Matt		Adams, Casey	BS2011
Steffen, ZacharyBS2007	Montz, Craig		Bonus, Kenneth	
Tipton	Rich, James		Buchanan, Todd	
Helmold, Brian BS2013	Thorius, Jacob		Buenneke, Jon	
Toddville	Waterloo		Carlstrom, Mike	
Voss, KevinBS1993	Conley, Melissa	BS2004	Clark, Richard	
Toledo	Dakovich, Milton		Cole, Randy	
Lyon, CalebBS2007	Dostanic, Marko		Cooper, Brent	
Underwood	Fortune, Warren		Cutler, Peter	
Bristol, Douglas BS2002	Homan, Aaron		Dickinson, James	
Union	Homan, Sarah		Dillavou, Jay	
Matzinger, James BS2006	Jackson, Stephen		Edwards, Mickel	
Urbandale	Knipp, Jason		Engel, Jason	
Burbank, Keith BS1976	Nelson, William		Eveland, Jason	
Christiansen, Brandon	O'Loughlin, Phillip		Eveland, Kelsey	
Cooper, MikeBS1999			Graeve, Wayne	
	Rottinghaus, Rachel		Greiner, Robert	
Cooper, Jim	Sanders, Joseph			
Dimond, David	Sommerfeldt, Matthew		Halsey Pranden	
Ehrlich, Charles	Stanley, Jamie		Halsey, Brandon	
Garner, Aaron BS2002	Swinton, Dean		Hanks, David	
Garwood, Matthew	Tolbert, Jaimie		Herman, Josh	
Harger, Michael	Wolter, Andrew	BS1990	Keairnes, Ryan	
Heiliger, Terry	Waterville	Decease	Kemp, Charles	
Henkels, Paul	Streeper, Brian	BS2008	Kinser, Gregory	
Judd, Colin	Waucoma	<b></b>	Kinsinger, Thomas	
Karns, MatthewBS2010	Carolan, Blake	BS2013	Koester, Matthew	BS2009

Madsen, BrianBS2009	Rehm, DerekBS2009	Prairie Village
Majeres, ToddBS2000	Lansing	Rogers, BarryBS1979
Miller, GeoffreyBS2007	Werthmann, JeffreyBS1985	Schafer, DirkBS1980
Mitton, ThomasBS1979	Lawrence	Vosler, Warren BS1965
Montgomery, CraigBS2006	Howard, DavidBS1988	Shawnee
Mozena, John BS1988	Leawood	Determan, Barry BS2003
Myers, BryanBS1984	Floyd, EricBS1993	Eilers, HeatherBS2001
Nelson, MichaelBS1992	Gudgel, Phillip BS1980	Moore, Cheri
Newman, Arthur	Kelly, ScottBS1987	Shawnee Mission
Pauley, Randall	Lenexa	Stewart, Jeffrey BS1981, MS2000
Pepper, CraigBS1980	Barchman, MatthewBS2007	Stilwell
Petersen, Adam	Casey, Michael BS1980	Valdez, Brandon BS2000
Rasmusson, Mark	Herrig, Nick	Valdez, Elizabeth
Rehm, Michael BS1978	Meredith, Jessica	Topeka
Rukashaza-Mukome,	Manhattan	Haines, MarkBS1994
	Gast, AlanBS1979	
Mary Catherine		Wichita
Schulte, Greg	Mission	Voss, EdwardBS1969
Sinnwell, Lawrence	Hotovec, Chad	LIEN TELL CLOS
Sodders, Robert	Reiff, Brendon	KENTUCKY
Solem, DanBS2004	Schmidt, ChadBS2006	Covington
Staudt, Aimee	Olathe	Ketelsen, BrettBS2004
Staudt, JoshBS2003	DeJong, MatthewBS1995	Frankfort
Stockdale, Thomas BS1977	Dickerson, TimothyBS1978	Rhody, DebraBS1981
Sundermann, Gina BS2006	Harris, JacobBS2008	La Grange
Theulen, Taylor BS2010	Hoffey, MartinBS1985	Kaiser, Lee BS2001
Treasure, William BS2005	Hunter, GreggBS1981	Louisville
Weller, MattBS2007	Kirby, ChadBS1997	Lange, ColemanBS2011
Wilgenbusch, LukeBS2005	Kohns, LarryBS1968	Nasiru, NimotaBS2011
Yungclas, DavidBS1982	Larson, CurtBS1988	Njos, StevenMS1990
West Point	McDermott, MarkBS1991	Pigneri, RoccoBS1978
Sanders, BradleyBS1997	Mitchem, GregBS1998	Qamar, RamziBS1988
Sanders, RodneyBS2001	Nelson, SteveBS2001	Prospect
West Union	Peterson, Becky BS1980	King, DavidBS1978
Einck, JordanBS2013	Purdy, NathanielBS2000	
Williamsburg	Rafoth, ChadBS2000	LOUISIANA
Spenler, Charles BS1984	Schraeder, MarkBS1988	Baton Rouge
Vaile, Michael BS1985	Turk, JeffBS1985	Hoffman, SamuelBS2007
Windsor Heights	Overland Park	Noel, GaryBS1982
Boucher, MichaelBS1979	Cain, Robert BS1988	Mandeville
Jensen, Thomas BS1980	Carlson, GregBS1985	Swies, DaveBS2000
Stone, Jeffrey BS1976	Clement, Lori	Whitworth, James BS1987
Winterset	Collins, Ryan	New Orleans
Armstrong, GregoryBS1989	Corkrean, BradBS2007	Allen, ZacharyBS2003
Clemens, Kevin	Evans, PatrickBS1990	Slidell
Mecham, SashaBS2011	Heetland, Kayla BS2012	Buttler, LynnetteBS1992
Sievers, Kyle	Heger, Thomas	Youngsville
Weaver, Brian	Hullinger, David BS1982	Vazquez, EdnaBS2003, MS2005
Yarmouth	Kern, Kathryn	vazquez, Luna
		MAINE
Baker, ShaneBS1996	King, Michael	Bath
T/ANCAC	Li, Chun	
KANSAS	Logue, Steven	Richter, PatrickBS1980
Derby	McCarthy, David	MADSH AND
Zimmerman, Dakota BS2012	McDermott, Brian	MARYLAND
T .	Pietig, Brian	Annapolis
Emporia	Ramaekers, Tyler	O'Brien, JackBS1975
Lee, Mark	Schmidt, BryanBS2008	Baldwin
Rech, ChristopherBS1989	Schmidt, NicoleBS2009, MS2013	Hughes, Kyle BS2012
Kansas City	Streeter-Schaefer, Holly BS1998	Baltimore
Palmer, NealBS1981		Miller, BridgetteBS2011

California	Albert Lea	Delano
Schumacher, Thomas BS1990	Claussen, AnnaBS2010	Trible, AndrewBS2010
Clarksburg	Andover	Eagan
Celik, SerhanMS1998	Brekken, Jason BS2006	Goodwin, PeterBS1971
Dayton	Grout, RogerBS1988	Harlson, RichardBS1971
Henderson, Thomas BS1982	Kopp, NicholasBS2003	Hauser, StephenBS1979
Hanover	Roozenboom, William BS2002	Horan, BridgetBS2011
Scully, WhitneyBS1980	Anoka	Oberhaus, PaulBS1982
Parkton	Schwake, DustinBS1999	Schultz, Richard
Miller, Albert BS1975	Apple Valley	Eden Prairie
Severna Park	Bumgarner, MariaBS2012	Beumer, JosephBS2003
Smearman, Michael	Dirks, David BS2013	Conlee, Darren
Towson	Lind, KevinBS2006	Eliasen, MaryBS1990
Johnson, CurtBS1992	Miklya, MatthewBS2013	Gunderson, Mark
Whitcome, James	Wright, Alexander	Hunwardsen, Roger BS1989
wintcome, james	Avon	McFarland, TimothyBS1975
MASSACHUSETTS	Chandler, PaulBS1995	Nelson, AdamBS2006
	Battle Lake	
Acton  Florid Charles PC1072		Sarno, Frank BS1998
Floyd, Charles	Madson, ScottBS1982	Sarno, Stacy
Auburndale	Baxter	Smith, Jeff
Ludwig, JerryBS1979	Leege, LawrenceBS1971	Sorensen, Kenneth
Belmont	Blooming Prairie	Warning, David BS2011
Wolfe, Nathan BS2010	Lysne, DouglasBS1967	Edina
Framingham	Bloomington	Fritcher, James
Lie, RobertBS1981	Herrick, MarkBS1975	Hall, Peter BS1981
Ipswich	Laing, Kelsey	Ilten, Daniel
Casali, KevinBS1986	Larson, CraigBS1978	Zhuravel, AdiBS2008
Lexington	Brooklyn Park	Excelsior
Gruber, KimberlyBS1996	Carter, RobertBS1978	Duyvejonck, BethBS1997
Somerville	Ihle, LeonBS1968	Martinsen, LeeBS1971
Worthington, Dustin BS2008	Buffalo	Ten Clay, MarvinBS1968
Sunderland	Stecker, Steven BS1994	Eyota
Lutenegger, AlanBS1975, MS1977	Burnsville	Kaehler, Alexander BS2011
	Kruse, Bradley BS2004, MS2011	Faribault
MICHIGAN	Schafer, CliffordBS2005	Lorenzen, JeffreyBS1979
Ann Arbor	Williams, Nicholas BS2004	Farmington
Al Qady, MohammedMS2008	Champlin	Callahan, TimothyBS2002
Beverly Hills	Day, StephenBS1990	Sweetman, CharlieBS1990
Perrenoud, DouglasBS1983	Sheriff, JeffreyBS1971	Golden Valley
Midland	Chanhassen	Anderson, CharlesBS1992
Naberhaus, DennisBS1973	Gatto, DavidBS1982	Ernst, MichaelBS1995
Mt. Pleasant	Johnson, MichaelBS1988	Grey Eagle
Sheffert, LaryBS1980	McKinney, MatthewBS2000	Rivisto, JohnBS1983
Ontonagon	Pladsen, JohnBS1995	Hamel
Blake, DanielBS2011	Schmall, ThomasBS1986	Pearson, Nathan BS1996
Pleasant Lake	Chaska	Hanover
Kelling, CraigBS1981	Doorn, Case BS2006	Herzberg, DaveBS1990
Rockford	Greenig, Steven BS1980	Hastings
Dixon, Scott BS1981	Leverington, StevenBS1986	Nickel, BransonBS2001
St. Joseph	Pokorney, Michael BS2010	Hollandale
Klusendorf, Brian BS1988	Tjaden, Nicholas BS2006	Van Erkel, JonBS2008
Stanwood	Circle Pines	Hopkins
Mettin, KyleBS1991	Kuenstling, JonBS1985	Biere, DanBS1982
Troy	Cloquet	Inver Grove Heights
Miller, CharlesBS1985	Ellingson, Michael BS1982	Ekholm, KaraBS2012
,	J ,	Fett, Robert BS1977
MINNESOTA	Coon Rapids	Lake Elmo
Afton	Elsner, RonaldBS1978	Leitch, BrianBS2010
Hosch, GregoryBS1993	,	Weis, ShaneBS2004
, 6 ,		,

Lakeville	Mound	Lovin, BenjaminBS1999
Benjamin, ElizabethBS198	Barickman, D. BradleyBS2003	Wessels, BrianBS2004
Even, DaleBS199	Basara, MarcBS2010	Savage
Myhre, Rik BS200	Northfield	Greenlee, RichBS1966
Nolta, MarkBS198		Stofferahn, GabrielBS2007
Rosenbery, AaronBS198	Petricka, TracyBS1999	Shakopee
Seppamaki, LeslieBS200	04 White, LarryBS1974	Benson, TravisBS2000
Sill, EricBS199	98 Oronoco	Erickson, AnthonyBS2006
Lino Lakes	Kisilewiski, MaryBS1987	Krieg, ChristopherBS2001
Maddy, JosephBS198	34 Osseo	Ramkumar, Jainarine MS2010
Mantorville	Blizzard, TroyBS1997	Strong, KevinBS1973
Ewing, JonBS198		Shoreview
Maple Plain	Southorn, CraigBS1982	Merkle, PaulBS2011
Fadden, Vincent BS200		Squaw Lake
Mazeppa	Welker, KurtBS1989	Barrett, DeanBS1974
Benike, JohnBS19	,	St. Louis Park
Minneapolis	Wiener, JasonBS2002	Krummen, StewartBS1991
Anderson, GregBS198	•	McFadden, ShaneBS1994
Barstad, JonBS198		Smith, MatthewBS1998
Boulanger, David BS20		St. Paul
Crary, Thomas BS20		Bitker, AnastasiaBS2006
Elliott, SaraMS199	, ,	Campbell, PaulBS1974
Elliott, LanceMS199	, · =	Dalager, KevinBS1997
Ellis, Laura BS20		Guggisberg, AngelaBS2004
Fesenmaier, Jodel BS200		Luck, Matthew BS2008
Goodhue, MattBS20	· · · · · · · · · · · · · · · · · · ·	Piper, RossBS2001
Harty, Nathan BS200		Smith, DonavanBS2004
Heisdorffer, KevinBS200		Thompson, TerrenceBS1977
Herrema, David BS200		Wagner, RichardBS1990
Hill, JohnBS19		Stacy
Hornibrook, MatthewBS200		Smith, Aaron BS1998
Johnson, BrianBS200	Becker, Thomas BS1996	Stillwater
Johnson, BrianBS20 Kruger, AshleyBS20	D8         Becker, Thomas         BS1996           L3         Klein, Patrick         BS1966	<b>Stillwater</b> Gritters, BruceBS1984
Johnson, Brian	D8         Becker, Thomas         BS1996           L3         Klein, Patrick         BS1966           L3         Petersen, Michael         BS1974	StillwaterGritters, BruceBS1984Parr, DavidBS2011
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011	StillwaterBS1984Gritters, BruceBS2011Vergas
Johnson, BrianBS200Kruger, AshleyBS20Maginnis, AustinBS20Martin, JeffreyBS200McBride, AlexBS20	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990	StillwaterGritters, BruceBS1984Parr, DavidBS2011VergasMenz, LorenBS1968
Johnson, BrianBS200Kruger, AshleyBS20Maginnis, AustinBS20Martin, JeffreyBS20McBride, AlexBS20Morgan, CatherineBS190	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34 <b>Richfield</b>	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia
Johnson, BrianBS200Kruger, AshleyBS20Maginnis, AustinBS20Martin, JeffreyBS200McBride, AlexBS20Morgan, CatherineBS190Mostaert, TrentBS190	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34 <b>Richfield</b> 94       Fallon, Alyssa       BS2012	StillwaterGritters, BruceBS1984Parr, DavidBS2011VergasMenz, LorenBS1968VirginiaThompson, DonaldBS1975
Johnson, BrianBS200Kruger, AshleyBS20Maginnis, AustinBS20Martin, JeffreyBS200McBride, AlexBS20Morgan, CatherineBS190Mostaert, TrentBS190Netley, DwayneBS190	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         84 <b>Richfield</b> 94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34 <b>Richfield</b> 94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         92 <b>Rochester</b>	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         82       Rochester         95       Benike, Aaron       BS1995	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         10       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34       Richfield         24       Fallon, Alyssa       BS2012         46       Hintz, Rodney       BS1998         82       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         10       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         84       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         80       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972         98       Bronson, Kenneth       BS1999	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012 Winona
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         84       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         92       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972         98       Bronson, Kenneth       BS1999         89       Elder, Alan       BS2002	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012 Winona Frietsche, Gretchen BS2002
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         92       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972         98       Bronson, Kenneth       BS1999         89       Elder, Alan       BS2002         93       Ellsworth, Brian       MS1998	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012 Winona Frietsche, Gretchen BS2002 Modjeski, Francis BS1986
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         80       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972         98       Bronson, Kenneth       BS1999         89       Elder, Alan       BS2002         93       Ellsworth, Brian       MS1998         94       Grosland, Steven       BS1972	Stillwater Gritters, Bruce
Johnson, Brian	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         00       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34       Richfield         94       Fallon, Alyssa       BS2012         Hintz, Rodney       BS1998         92       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972         98       Bronson, Kenneth       BS1999         199       Elder, Alan       BS2002         190       Ellsworth, Brian       MS1998         190       Grosland, Steven       BS1972         190       Hindermann, Matthew       BS1988	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         10       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         34       Richfield         24       Fallon, Alyssa       BS2012         25       Hintz, Rodney       BS1998         26       Rochester         27       Benike, Aaron       BS1995         28       Bronson, Kenneth       BS1999         29       Elder, Alan       BS2002         203       Ellsworth, Brian       MS1998         203       Grosland, Steven       BS1972         204       Hindermann, Matthew       BS1988         205       Johnson, Evan       BS2012	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         10       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         84       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         80       Rochester         85       Benike, Aaron       BS1995         86       Benike, James       BS1972         88       Bronson, Kenneth       BS1999         89       Elder, Alan       BS2002         93       Ellsworth, Brian       MS1998         96       Grosland, Steven       BS1972         98       Hindermann, Matthew       BS1988         98       Johnson, Evan       BS2012         98       Leimer, Nicholas       BS2002	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Woolever, Douglas BS200	08       Becker, Thomas       BS1996         13       Klein, Patrick       BS1966         13       Petersen, Michael       BS1974         10       Prettyman, Jay       BS2011         11       Ruba, Nicholas       BS1990         84       Richfield         94       Fallon, Alyssa       BS2012         76       Hintz, Rodney       BS1998         80       Rochester         95       Benike, Aaron       BS1995         96       Benike, James       BS1972         98       Bronson, Kenneth       BS1999         99       Elder, Alan       BS2002         93       Ellsworth, Brian       MS1998         90       Grosland, Steven       BS1972         98       Hindermann, Matthew       BS1988         90       Hindermann, Matthew       BS2012         90       Leimer, Nicholas       BS2002         97       Praska, Donna       BS1984	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012 Winona Frietsche, Gretchen BS2002 Modjeski, Francis BS1986 Schwab, Benjamin BS1983 Woodbury Hauser, Brett BS2012 Moss, Craig BS1997
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Populas BS200 Woolever, Douglas BS200 Minnetonka	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           00         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           34         Richfield           94         Fallon, Alyssa         BS2012           46         Hintz, Rodney         BS1998           80         Rochester         Benike, Aaron         BS1995           96         Benike, James         BS1972           98         Bronson, Kenneth         BS1999           89         Elder, Alan         BS2002           93         Ellsworth, Brian         MS1998           96         Grosland, Steven         BS1972           98         Hindermann, Matthew         BS1988           95         Johnson, Evan         BS2002           98         Leimer, Nicholas         BS2002           97         Praska, Donna         BS1984           97         Patrick         BS2000	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012 Winona Frietsche, Gretchen BS2002 Modjeski, Francis BS1986 Schwab, Benjamin BS1983 Woodbury Hauser, Brett BS2012 Moss, Craig BS1997 MISSISSIPPI
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Winchell, Peter BS190 Wise, Joshua BS200 Winchenka	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           00         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           34         Richfield           94         Fallon, Alyssa         BS2012           46         Hintz, Rodney         BS1998           802         Rochester         BS1998           95         Benike, Aaron         BS1995           96         Benike, James         BS1972           98         Bronson, Kenneth         BS1999           89         Elder, Alan         BS2002           903         Ellsworth, Brian         MS1998           903         Grosland, Steven         BS1972           908         Hindermann, Matthew         BS1988           909         Johnson, Evan         BS2012           909         Leimer, Nicholas         BS2002           907         Praska, Donna         BS1984           908         Prendergast, Thomas         BS1969	Stillwater Gritters, Bruce BS1984 Parr, David BS2011 Vergas Menz, Loren BS1968 Virginia Thompson, Donald BS1975 West St. Paul Westby, Steven BS1982 White Bear Lake Caswell, Lauren BS2012 Winona Frietsche, Gretchen BS2002 Modjeski, Francis BS1986 Schwab, Benjamin BS1983 Woodbury Hauser, Brett BS2012 Moss, Craig BS1997 MISSISSIPPI Olive Branch
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Woolever, Douglas BS200 Minnetonka Besonen, Jessica BS200 Buyert, John BS190	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           10         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           34         Richfield           24         Fallon, Alyssa         BS2012           25         Hintz, Rodney         BS1998           26         Rochester         BS1998           27         Benike, Aaron         BS1995           28         Bronson, Kenneth         BS1999           29         Elder, Alan         BS2002           203         Ellsworth, Brian         MS1998           30         Grosland, Steven         BS1972           30         Hindermann, Matthew         BS1988           30         Hindermann, Matthew         BS2012           30         Leimer, Nicholas         BS2002           30         Praska, Donna         BS1984           30         Prediger, Patrick         BS2000           31         Prendergast, Thomas         BS1969           32         Schoch, Bradley         BS2006	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Woolever, Douglas BS200 Minnetonka Besonen, Jessica BS200 Buyert, John BS190 Crist, Gary BS190	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           10         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           84         Richfield           94         Fallon, Alyssa         BS2012           76         Hintz, Rodney         BS1998           80         Rochester         BS1998           95         Benike, Aaron         BS1995           96         Benike, James         BS1972           98         Bronson, Kenneth         BS1999           108         Bronson, Kenneth         BS2002           109         Ellsworth, Brian         MS1998           109         Grosland, Steven         BS1972           109         Hindermann, Matthew         BS1988           109         Johnson, Evan         BS2012           109         Leimer, Nicholas         BS2002           109         Praska, Donna         BS1984           109         Prediger, Patrick         BS2000           101         Prendergast, Thomas         BS1969           109         Schoch, Bra	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Woolever, Douglas BS200 Minnetonka Besonen, Jessica BS200 Buyert, John BS190 Crist, Gary BS190 Hayek, David BS200	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           10         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           84         Richfield           94         Fallon, Alyssa         BS2012           76         Hintz, Rodney         BS1998           80         Rochester         BS1998           80         Benike, James         BS1972           80         Benike, James         BS1999           81         BS1999         Blder, Alan         BS2002           83         Ellsworth, Brian         MS1998           84         Grosland, Steven         BS1972           85         Hindermann, Matthew         BS1988           86         Johnson, Evan         BS2012           86         Leimer, Nicholas         BS2002           87         Praska, Donna         BS1984           89         Prendergast, Thomas         BS1969           80         Schoch, Bradley         BS2006           80         Rogers           94         McKee, Jeffrey         BS2006	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Crist, Gary BS190 Crist, Gary BS190 Hayek, David BS200 Nack, Jonathan BS200 Nack, Jonathan BS200 Nack, Jonathan BS200	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           10         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           84         Richfield           94         Fallon, Alyssa         BS2012           76         Hintz, Rodney         BS1998           802         Rochester         Benike, Aaron         BS1995           96         Benike, James         BS1972           98         Bronson, Kenneth         BS1999           198         Elder, Alan         BS2002           193         Ellsworth, Brian         MS1998           194         Hindermann, Matthew         BS1972           198         Hindermann, Matthew         BS1988           199         Johnson, Evan         BS2002           190         Praska, Donna         BS2002           191         Prediger, Patrick         BS2000           190         Rogers         McKee, Jeffrey         BS2006           190         Rosemount         BS2006	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winnetonka Besonen, Jessica BS200 Buyert, John BS190 Crist, Gary BS190 Crist, Gary BS190 Hayek, David BS200 Nack, Jonathan BS200 Shelp, Peter BS190	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           10         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           84         Richfield           94         Fallon, Alyssa         BS2012           76         Hintz, Rodney         BS1998           80         Rochester         Benike, Aaron         BS1995           96         Benike, James         BS1972           98         Bronson, Kenneth         BS1999           198         Elder, Alan         BS2002           198         Elder, Alan         MS1998           199         Ellsworth, Brian         MS1998           190         Grosland, Steven         BS1972           198         Hindermann, Matthew         BS1988           190         Johnson, Evan         BS2002           191         Praska, Donna         BS2002           192         Pranka, Donna         BS1984           193         Prendergast, Thomas         BS1969           194         McKee, Jeffrey         BS2006           195	Stillwater Gritters, Bruce
Johnson, Brian BS200 Kruger, Ashley BS20 Maginnis, Austin BS20 Martin, Jeffrey BS200 McBride, Alex BS20 Morgan, Catherine BS190 Mostaert, Trent BS190 Netley, Dwayne BS190 Pallegar, Nareshkumar MS190 Raadt, Nolan MS200 Rahe, David BS200 Rusk, Jennifer BS190 Schuetze, Martin BS190 Schuetze, Martin BS190 Shifflett, Scott BS200 Spratt, Dean BS190 West, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Wise, Joshua BS200 Winchell, Peter BS190 Crist, Gary BS190 Crist, Gary BS190 Hayek, David BS200 Nack, Jonathan BS200 Nack, Jonathan BS200 Nack, Jonathan BS200	08         Becker, Thomas         BS1996           13         Klein, Patrick         BS1966           13         Petersen, Michael         BS1974           10         Prettyman, Jay         BS2011           11         Ruba, Nicholas         BS1990           34         Richfield           24         Fallon, Alyssa         BS2012           25         Hintz, Rodney         BS1998           26         Rochester         BS1995           27         Benike, Aaron         BS1995           28         Bronson, Kenneth         BS1999           29         Bronson, Kenneth         BS2002           20         Ellsworth, Brian         MS1998           30         Grosland, Steven         BS1972           30         Hindermann, Matthew         BS1988           30         Hindermann, Matthew         BS2002           30         Praska, Donna         BS2002           30         Praska, Donna         BS1984           31         Prendergast, Thomas         BS1969           32         Schoch, Bradley         BS2006           33         Rosemount         BS2006           34         Rosemount         <	Stillwater Gritters, Bruce

Lindsley, Dennis BS1969  Blue Springs	Goodrich, ToddBS1996 <b>St. Joseph</b>	Tiedeman, Robert BS2008  Murdock
Borns, ThomasBS1979	Patrick, JamesBS1983	Murdoch, Wesley BS2002
Righi, TimothyBS1990	St. Louis	Nebraska City
Branson	Davis, Austin	Jackson, JustinBS2008
Dorsey, DylanBS2013	Jones, DouglasBS1973	Omaha
Shroyer, JohnBS2012	Morris, Michael BS1982	Adams, HeatherBS2001
Chesterfield	St. Peters	Ahrenholtz, ChristopherBS1994
DeNardi, DeanBS1982	Stoecker, Michael BS1985	Brainerd, AdamBS2008
Columbia	Warrensburg	Brennan, JohnBS1988
Smith, Zachary BS2009	Heinselman, SamuelBS2008	Brim, NicholasBS2013
Country Club	Washington	Conlon, AidanBS2011
Thevenot, GuyBS2011	McAlpin, LarryBS1973	Crow, BrianBS2005
Gladstone	Waynesville	Ebert, KeithBS1984
Lane, ChadBS2010	Fosdick, JamesBS1981	Emanuel, PhilipBS2006
Glencoe	Wentzville	Engstrom, DonaldBS1975
Spidle, CraigBS1981	Nieman, Jon BS1983	Fucinaro, TonyBS2003
Grovespring	Wildwood	Gorman, MichaelBS1979
Ruggles, DavidBS1988	Schultz, MatthewBS2010	Grewcock, EricBS2011
Jefferson City	, ,	Grunder, KyleBS2009
McLain, KevinMS2010	MONTANA	Guinn, Jack BS1970
Joplin	Bozeman	Hausman, AmandaBS2008
Kelly, John BS2009	Gunnink, BrettBS1981	Hunsicker, MarkBS1981
Kansas City	Kalispell	Larsen, MatthewBS2009
Bowden, ClarkBS2010	Bothwell, GretchenBS1982	McDermitt, GaryBS1995
Clayburg, MichaelBS2004	Manhattan	McGruder, SpencerBS1979
Custer, SteffanBS2011	Hallquist, DarylBS1967	McIntosh, G. Allen BS1994
Donner, Steven BS1984		Mueller, AnthonyBS2013
Franzen, GregoryBS1985	NEBRASKA	Owens, JohnMS2010
Huggins, Matthew BS1997	Ashland	Pfeiler, RobertBS1973
McArtor, MichaelMS2002	Sleezer, ShawnBS1991	Predl, EdwardBS2009
Minter, KathleenBS2000	Bellevue	Riedmann, LouisBS1976
Paulsen, Bradley BS2010	Brinkmann, CodyBS2012	Schurman, Scott
Richardson, JonBS2001	Martin, BradleyBS1983	Swanson, DonaldBS2002
Riesenberg, NicBS2001	Stinn, Glen BS1981	Vandenberg, William BS1993
VandeKrol, JonathanBS2001	Wolf, John	Walter, JohnBS1972
Woolley, MichaelBS2006	Bennington	Wesely, David BS1981
Lee's Summit	Ackermann, CaseyBS2002	Papillion
Borns, JohnBS1972	Andersen, CurtBS1981	Distefano, Rhonda BS1983
Gapstur, CoryBS2003	Elkhorn	Distriction, Interior
Lourens, Travis	Boschult, MarkBS1979	NEVADA
Petersen, Andrew	Foster, DonaldBS1980	Las Vegas
Ralston, MatthewBS2000	Gawley, MichaelBS1978	Campos Lange, T. Monique BS1981
Timmons, Bruce BS2000	Mittag, Nathan BS2006	Harris, HowardBS1977
Timmons, WilliamBS1987	Grand Island	Renoe, JamesBS1992
Liberty	Mussman, ChadBS1993	Topark-Ngarm, PattanapongBS1997
Stearns, CraigBS1986	Greenwood	Vogel, AndrewBS2007
Nixa	Geiler, FrederickBS1971	Wedewer, Thomas BS1966
Stark, DonaldBS1979	Gretna	Wong, TimothyBS1997
Pacific	Harrison, Christopher BS1987	Reno
Wittkop, ScottBS1985	Leapley, GaryBS1980	Lange, GeraldBS1972
Parkville	Hubbard	Wong, Wing-KeiBS1999
King, SharonBS1995	Honsbruch, RogerBS1975	
Smithville	La Vista	NEW JERSEY
Koenigs, HaroldBS1986	Heikens, MichelleBS2003	Bordentown
Springfield	Lincoln	Gaudreault, RonaldBS1988
Beier, AnthonyBS1993	Farley, EricBS2003	Cherry Hill
St. Charles	Hulsebus, JasonBS2004	Rivera, NicholasBS2006
Duke, DavidBS1980	Majeres-Patterson, Cynthia MS2001	,
,	, , ,	

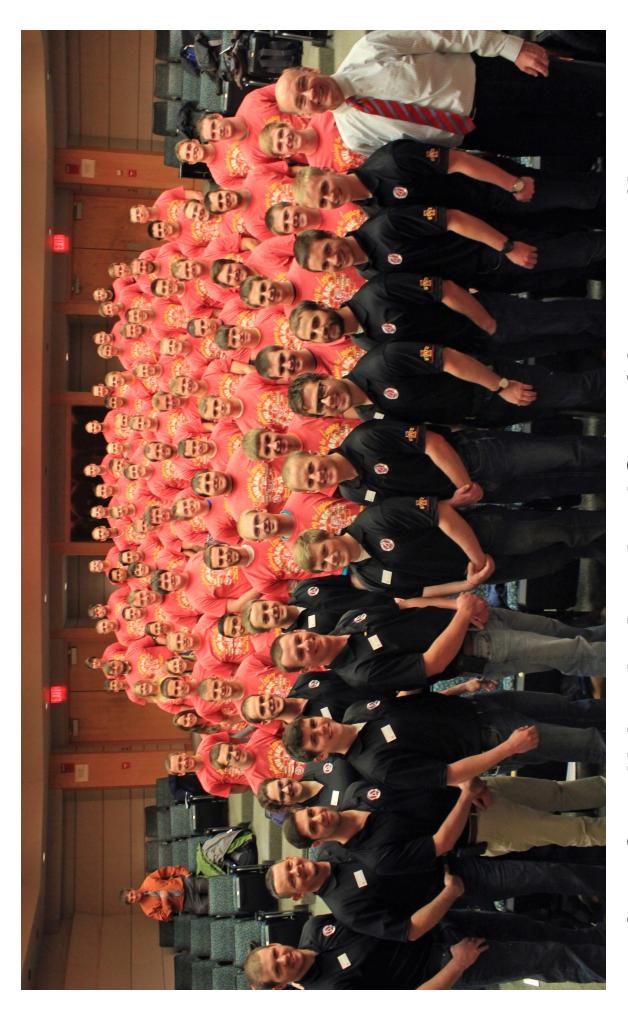
Mahwah	Yonkers	McLaughlin, SethBS1984
Price, Ritchie BS1980	Carsky, JosephBS1985	Neumann, PhilipBS1983
Marlboro	<i>)</i> , <i>3</i>	Cleveland
Coppes, JoshuaBS1998	NORTH CAROLINA	Henkels, JohnBS1980
North Haledon	Apex	Hoenk, MarkBS1997
Bjork, LawrenceBS1975	Thompson, JamesBS1981	Columbus
Rockaway	Asheville	Deal, GuyBS1977
Glander, Robert BS1979	Hyler, SusanBS1981	Jones, QuincyBS2003
Weehawken	Cary	Dublin
Wang, TongMS2010	Johnston, Jeffrey BS1980	François, PaulBS1991
, , , , , , , , , , , , , , , , , , ,	Charlotte	Welin, Peter BS1979
NEW MEXICO	Ball, MarkBS1982	Lancaster
Albuquerque	Chen, Dong MS2002, PhD2006	Fry, James
Flemming, Joseph BS1986	Nagle, Tyler BS1985	Liberty Township
Friedrichsen, KentBS1981	Elizabeth City	Zehring, Jennifer BS1998
Giannelli, JamesBS1979	Lamb, GaryBS1967	Loveland
Loes, JoelBS2009	Elon	Nelson, Carl
McMinemee-White, Jennifer BS2003	Wolf, NicholasBS2000	Mansfield
Menke, GregoryBS1995	Farmville	Snyder, Wayne BS1986
Novak, ThomasBS1981	Terrell, SeanBS1993	Marion
Smith, RaymondBS1982	Mooresville	Duffy, BryanBS1977
Thompson, DennisBS1972	Wenger, LynnBS1978	Mason
Weddall, Robert MS1996	New Bern	Eberhard, Kimberly BS1983
White, Alan	Williams, NicholasBS2004	Williamson, J. BrianBS1980
Gallup	Pikeville	Medina
Ali, Ali MS2010	Stewart, Christopher BS1998	Smalling, RobertBS1970
Los Lunas	Raleigh	Perrysburg
Pollock, BrianBS2002	Katschkowsky, JohnBS1986	Coffman, JamesBS1971
Rio Rancho	Robbinsville	Dillin, LarryBS1978
Bales, Rooster BS1979	Vanmanen, Larry BS1968	Strongsville
Mamuya, LemuelBS2008	Wake Forest	Knepel, AaronBS1997
Zehnder, GeoffreyBS2004	Loneman, StevenBS1986	Toledo
Tijeras	Waxhaw	Douglas, Peter BS1978
Schluter, LynneBS1979	Cox, Robert BS1984	West Chester
	Leonard, DanielBS1985	Schapman, NicholasBS1978
NEW YORK	Wilmington	Xenia
Brooklyn	Heston, WilliamBS1979	Lewis, DennisBS1972
Pua, LeanBS1991	McGiverin, Terry BS1963	
Tee, Syuin-ChetMS2001	Schuster, Jason BS1999	OKLAHOMA
Delmar	Winston Salem	Bixby
Andrews, JeffBS1999	Maloney, JamesBS1990	Erps, LawrenceBS1979
East Amherst		Collinsville
Bakkum, Benjamin BS2011	NORTH DAKOTA	Turk, Michael BS1985
Fairport	Dickinson	Edmond
Kupka, KevinBS1981	Ryan, MatthewBS1998	Ford, Steven BS1976
Fresh Meadows	Fargo	Oklahoma City
Man, Jack BS1980	Gao, Zhili MS2001, PhD2004	Wurzer, LaurenBS1976
Gloversville	21112	Ponca City
VanCoughnett, Justin BS2006	ОНЮ	Lutt, JohnBS1974
Monroe	Avon	Sapulpa
Knueppel, DaleBS1981	Kruse, FrederickBS1980	Glesener, KentBS1973
New York  McDowall Curtic RS1006	Chagrin Falls Thompson Lock BS1060	ODECON
McDowell, CurtisBS1996 Nelson, RyanBS1999	Thompson, JockBS1969 <b>Cincinnati</b>	OREGON Aloha
Tubbs, Aaron BS1996	Christy, MichaelBS2008	Stotts, WilliamBS1984
Virdi, Gurvirinder	Johnston, Brent	Beaverton
Staten Island		Knudsen, BrianBS1982
Juich Bianu	Langdon Frederick RNIUS	
Johnson David RS1070	Langdon, Frederick	
Johnson, DavidBS1970	Langdon, Frederick	Perry, GilbertBS1974

Brookings	Mauldin	TEXAS
Roth, KarlBS1981	Snyder, Loren BS2001	Addison
Clackamas	Pawleys Island	Osier, Thomas BS2004
Laurenti, BritBS2013	Flathers, RichardBS1981	Aledo
Keizer	Seneca	Hetzler, MatthewBS1982
Link, William BS1976	Bausman, DennisBS1971	Quinn, JefferyBS2005
Lincoln City		Allen
Shevik, GaryBS1978	SOUTH DAKOTA	Anderson, TrevorBS1992
Ontario	Brandon	Weston, CurtisBS1985
Sealine, JonBS1984	Rasmussen, JayBS1991	Amarillo
Talent	Brookings	Larson, Norman BS1966
Nangle, RobertBS1989	Schneider, JacobBS2012	Austin
	Dakota Dunes	Eckard, Jacob
PENNSYLVANIA	Rhoads, Clifton BS2007	Hutter, Michael
Allentown	Harrisburg	Klemm, JonathanBS2010
Roberts, Ewatt	Hage, Darin BS1997	Krogstad, Ryan
Altoona	Hartford	Pestel, Paul
Roberts, Nicholas BS2010 <b>Ayondale</b>	Habben, CraigBS1989	Pomerleau, Bruce
	Hudson Tabbart Evia PS2012	Sahin, Cem
Raufaste, Noel	Tabbert, EricBS2012  McCook Lake	Springer, Steven
Cranberry Township Barkhurst, GaryBS1981	Beaulieu, KevinBS1996	Wright, TimothyBS1982  Bellaire
Easton	North Sioux City	Eshelman, ErickBS1996
Brandes, DouglasBS1972	Thompson, Matthew BS2002	Canyon Lake
Fleetwood	Rapid City	Payne, Robert BS1979
Hill, KeithBS1983	Hankins, KeldaBS2013	Cedar Park
Fogelsville	Peterson, JeffreyBS2009	Culhane, Shawn BS2008
Gordon, JosephBS1971	Zahner, Nicholas BS2013	Ewell, Scott
Hughesville	Sioux Falls	Solberg, Paul
Hazelett, Wesley BS2012	Jones, BradleyBS1995	Colleyville
King of Prussia	Medema, DonaldBS1983	Johnson, PaulBS1974
Clay, Jennifer BS1995	Zeigler, CarlBS2007	Conroe
Malvern	0 /	Blank, Brice BS1994
Ervitarini, JustinaMS1995	TENNESSEE	Corinth
West Chester	Brentwood	Clausen, Steven BS1993
Fieweger, ThomasBS1978	Johnson, WilliamBS1982	Dallas
Yardley	Franklin	Fisk, DavidBS1995
Parmelee, Robert BS1985	Goehner, JoelBS1987	Forbes, Jeffrey BS1982
	Joelton	Hameister, MichaelBS2008
PUERTO RICO	Miller, MatthewBS1999	Lilly, JamesBS1979
San Juan	Knoxville	Lindhart, ChristopherBS1982
Perez Reboredo, JoseMS2011	Gabrielson, JayBS1982	Newton, DeweyBS1984
	Kneeland, Loren BS1970	Nordyke, GarrettBS1999
SOUTH CAROLINA	Maryville	Otte, Douglas
Aiken	Moeller, Larry	Rajan, SalimMS1993
Major, Charles BS1971	Terrell, MichaelBS1968	Toth, Alexander BS2013
Blythewood  Floisphor Coreth  PS2005	Memphis Lawring David BC1069	Del Rio
Fleischer, Gareth BS2005  Charleston	Lovejoy, DavidBS1968  Munford	Ryan, Meaghan BS2001 El Paso
Stickfort, DerekBS2009	Friesth, MichaelBS1997	Manning, Jeremy BS1997
Columbia	New Market	Munsch, Andrew
Koerner, Jonathan BS1978	Quarve, JamesBS1989	Elgin
Ft. Mill	Pegram	Clancy, JeffreyBS1982
Heying, Galen BS1983	Edwards, Steven BS1999	Euless
Greenville	Smyrna	Hansl, HansBS1981
Viet, KristaBS2001	Martin, JaneBS1984	Flower Mound
Hilton Head Island		Boutwell, James BS1980
Murphy, StephenBS1968		Czapanskiy, GregoryBS1980
		Gmitro, MarkBS1982
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Friendswood	Pflugerville	Arlington
Hilton, MarkBS1976	Ehrlich, ThomasBS1986	Bitar, Ali BS1980
Frisco	Poduska, MartinBS1976	Braesch, StevenBS1977
Earhart, AndrewBS1999	Plano	Martens, AaronBS2008
Jafari, BehzadBS1983	Ankanahalli-Shivaram, KMS2004	Ashburn
Ft. Worth	Bolejack, KyleBS2002	Ott, Kevin
Bottorff, Tylor BS2003	Quintero, HernandoMS2000	Bristow
White, George	Prosper	Wydajewski, KennethBS1991
Georgetown	Paris, ChristopherBS1994	Burke
Seiler, DanielBS2006	Richardson	Mascardo, RickBS1993
Granbury		Centreville
,	Danielsen, Bryan	
Decker, Kevin	Hansen, LeeBS1981	Hawn, DavidBS1982
Grand Prairie	Richmond	Dulles
Lee, Hoon-HongBS2000	Breckon, Karl BS1980	Dudding, Christopher BS2000
Houston	Roanoke	Fairfax
Anderson, Rick	Lorei, GregBS1990	Makarla, DeepakMS2004
Brandon, RickBS1978	Rosenberg	Fairfax Station
Calligan, CraigBS1973	Chadima, JeffreyBS1978	Strotman, DanielBS1979
DeVany, ThomasBS1990, MS1991	Rowlett	Gainesville
Hurley, LawrenceBS1981	Pfeffer, WilliamBS1971	Meints, JameyBS1997
Leach, GaryBS1982	Saginaw	Glen Allen
Meisenheimer, DarylBS1990	Jones, StephenBS1970	Parietti, ThomasBS1989
Raun, Owen BS1981	San Antonio	Henrico
Hutto	Fisher, AndrewBS2013	Caratelli, Nicholas BS2007
Feller, ScottBS1995	Mortensen, ScottBS1997	Lorton
Irving	Sleezer, Patrick BS1989	Yang, Kenneth BS1973
Shuba, MichaelBS1982	Wilbur, EricBS1982	Manassas
Sorensen, DaneBS2013	San Marcos	Althoff, MarkBS1978
Keller	Jessen, DouglasBS1985	Golay, RichardBS1976
Hildebrand, Scott BS2006	Schertz	Mechanicsville
Kingwood	McWhirt, DarrenMS2007	Stevenson, NathanielBS2010
Plotts, Garett BS2009	Southlake	Newport News
Lake Dallas	Smiley, ScottBS1980	Linman, Bradley BS2002
Keleher, JohnBS1982	Spring	Norfolk
Laredo	Fisher, JosephBS1997	Owen, ThomasBS2011
Richardson, Michael BS2005	Sheesley, Michael BS1992	Poquoson
Teegarden, Edward	Sugar Land	Kramer, MarkBS1982
Leander	Wolterman, ScottBS1980	•
	Wichita Falls	<b>Portsmouth</b> Vogt, JohnBS1980
Jennett, Timothy BS2008		0.10
Lewisville	Owens, RobertBS1984	Purcellville
Engelstad, Paul BS1984	TITATI	Hurd, Anders
Higgins, Paul BS1982	UTAH	Richmond
Holt, RandyBS1980	Kaysville	Olson, MarkBS1982
Little Elm	Haverkamp, Matthew BS2008	South Hill
Wagner, Jeffrey BS1988	Lehi	Schmidt, KirtBS2005
Lubbock	Cawley, BryanMS1997	Stafford
Pedersen, RonaldBS1979	Logan	Cantrell, DavidBS1995
McKinney	Gleisberg, ArianaBS2004	Suffolk
Bokaie, NaderBS1987	Sandy	Soenksen, EricBS2003
Strub, JosephBS2002	Hugo, Bruce BS1988	Yorktown
Missouri City		Conley, Daniel BS1982
Loxterkamp, MarkBS1981	VERMONT	
McCormick, ThomasBS1976	St. Albans	WASHINGTON
Panhandle	Carlson, JeffreyBS1990	Airway Heights
Ross, BobbyBS2013		Edwards, RyanBS2004
Pearland	VIRGINIA	Bellevue
Clark, TimothyBS1973	Aldie	Amento, Steven BS1978
Zheng, ZhongMS2005	Hamad, NizarBS1983	Engel, AmyBS1984
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Bellingham	Black Creek	Middleton
Wendling, ScottBS1990	Goodall, WilliamBS1977	Zutz, Aaron MS2010
Bothell	Black River Falls	Milwaukee
Romero, Jason BS2004	Holcomb, KevinBS1981	Dahlman, JosephBS1970
Seely, Kirk BS1993	Brooklyn	Lau, DungBS1997, MS2000
Edmonds	Schriever, JoelBS1989	Minocqua
Hirsch, DouglasBS1981	Cedarburg	Kilen, KaiBS2012
Federal Way	Drees, KirkBS1981	Monona
Frentress, GaryBS1983	Chetek	Gries, Brandon
Kenmore	Nizzi, CharlesBS1974	Onalaska
Wagner, MarkMS1989	Chilton	Ford, DennisBS1982
Kent	Harms, RossBS1990	Oshkosh
Babb, WalterBS1989	Cuba City	Martin, JulieBS2003
Chung, Jin-WookMS2004	Enz, Daniel PhD2009	Prescott
Harmon, JosephBS1975	Timmerman, EmilyBS2000	Kuehni, Rose Marie BS1996
Kirkland	De Forest	
Andersen, Nicholas BS2006		Teeters, Brian
•	Brill, GaryBS1990	Reedsburg
Torkildson, EricBS1978	Delafield  Policia Pol	Palmer, Bradley BS1981
Medical Lake	Dakovich, RobertBS1982	Ripon
Cranston, ScottBS1983	Rigsby, TimothyBS1983	Bickert, RoderickBS1980
Nine Mile Falls	Franksville	Sheboygan
Ekenberg, DavidBS1975	Kress, JacobBS2006	Bush, Alan
Oak Harbor	Germantown	St. Croix Falls
Andersen, AaronBS2011	Sonnenberg, BradleyMS1996	Carrigan, ScottBS1995
Olympia	Grafton	Wausau
Pasquariello, RobertBS1980	Fields, KimBS1976	Meyer, Brad BS2010
Sammamish	Green Bay	
Baughman, MarkBS1990	Mattison, ToddBS1982	WYOMING
Seattle	Greendale	Casper
Czerwinski, Luke BS2002	Murray, PatrickBS1977	Mann, NicholasBS2012
Goedken, Nicholas BS2010	Hartland	Cody
Greenley, KyleBS1993	Jorgensen, CraigBS1987	Boring, GaryBS1986
Ragaller, Terese BS2012	Jorgensen, Jacob BS2013	Gillette
Rasmussen, Eric BS2006	Holmen	Collins, EdwardBS1970
Shoreline	Hanson, DanielBS1982	Jackson
Alm, Kirk BS1995	Hortonville	Kerr, SarahBS1982
Snohomish	Miller, Anthony BS1994	
Usoro, AniekanBS1982	Hudson	AUSTRALIA
Spokane	Morse, MarkBS1978	QLD
Herrman, DouglasBS1981	Janesville	Mlady, JosephBS1975
Vancouver	Reinke, RobertBS1980	7/3 1
Alm, Don	Kenosha	INTERNATIONAL
Lebo, ThomasBS1979	DeYoung, ScottBS2001	
Washougal	LaCrosse	BOLIVIA
Bernhard, AnthonyBS2004	Webb, James	Schrupp-Rivero, Rolando BS2002
bermard, randrony	Lake Geneva	centapp ravere, relatine
WEST VIRGINIA	Narayanan, VijayBS1999	CANADA
Clendenin	Madison	Alberta
Chicoine, KennethBS1982	Boettcher, Michael	Ansari, Shakil BS1994
Morgantown	Carpenter, Michael	Thompson, Scott
Dummermuth, ChrisBS1978	Coluccy, Michael	Ontario
Danimerman, Ciris	Dedolph, CarterMS1996	Arbelaez, Mauricio
WISCONSIN	*	
WISCONSIN	Marks, Gregory	Mbapanza, Ibrahime
Appleton  Jackimson Boneld BS1073	Prior, Wayne	Seifert, Stephen
Jochimsen, Ronald	Sievers, Ryan BS2010	Thompson, ScottBS1982
Morton, ScottBS1981	McFarland  RC1000	COSTA DICA
Benton	Cortesio, Jeremy BS1999	COSTA RICA
Johnson, RodneyBS1996	Menomonee Falls	Santa Ana
	Stueland, JoelBS1997	Shisler, IsaacBS1976

EGYPT	OMAN
Elmisalami, Tarek MS2001, PhD2001	Salalah
Ward, AdamBS2007	Al-Ojaili, AmmarBS1996
	Sur-Almaawali, SaidBS1997
GERMANY	
Ehmer, JudithBS2000	TAIWAN
HONDURAG	Taipei
HONDURAS	Ho, SteveBS1982
Recarte, GuillerunoMS1991	THAILAND
HONG KONG	Bangkok
Pang, Kwok-ChuBS1996	Eamsherangkul, Hudsadin BS2000
Robinson, James BS1977	Euronerungkur, Fradsaum 202000
, ,	TURKEY
INDIA	Sonmez, Rifat MS1992, PhD1996
Bisani, MayurMS2007	
	UNITED ARAB EMIRATES
INDONESIA	Al-Hammadi, AhmedMS1998
Ghozi, Azmi BS1999	
Halim, DjohanBS1991	
Prasetyo, Ananto BS2003	
IDAN	
IRAN Tehran	
Ghafghazi, AbolghassemBS1983	
Gharghazi, Mooighassein	
JORDAN	
Amman	
Kanaan, HamdiBS1983	
MALAYSIA	
Johor	
Tan, KokBS1986	
Negeri Sembilan	
Ong, Nai	
Sarawak The Change PC1002	
Teo, Clement	
Teo, KhingBS1983 Perak	
Chong, HockBS1987	
Selangor	
Kau, CheeBS1990	
Lim, KiBS1988	
MAURITIUS	
Seeboo, AsishMS2008	
MEXICO	
Canales, Augusto	
Moreno, CarolosMS1989	
NETHERLANDS	
Amsterdam	
Bridger, Robert BS1985	
NIGERIA	
Abubakar, AliyuBS1979	



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