Welcome to Iowa State University’s Fall 2011 Commencement!

We congratulate all of the graduates and thank everyone who played a role in their successful journey through Iowa State. We have very much enjoyed your being a part of our university and community, and we wish you well as you embark on this next part of your life. We look forward to continuing our association with you as alumni of Iowa State, and we hope you will come back to visit the university often.

Iowa State University is now in its 153rd year as one of the nation’s leading land-grant universities. We are very proud of the role this university has played in preparing the future leaders of our state, nation and world, and in meeting the needs of our society through excellence in education, research and outreach. As you graduate today, you are now a part of this great tradition and we look forward to the many contributions you will make.

I hope you enjoy today’s commencement ceremony, and that you will continue to be connected with Iowa State University.

Sincerely,

Gregory L. Geoffroy
President of the University
WHEREAS, when Gregory Geoffroy assumed the position as the 14th president of Iowa State University on July 1, 2001, he brought to the university and the State of Iowa an enduring leadership style that provided stability and inspiration for more than a decade; and

WHEREAS, under President Geoffroy’s leadership, Iowa State achieved record enrollments, record levels in sponsored funding and the most successful fundraising campaign in history, while faced with challenging reductions in state funding; and

WHEREAS, President Geoffroy led the university community in the development of strategic plans that provided clear direction as well as objective ways to measure accomplishments during his tenure as president; and

WHEREAS, during his tenure President Geoffroy continued to build and maintain an outstanding faculty and staff, enhance positive relationships with Iowa’s elected officials, advocate for students through the President’s leadership class and his efforts to minimize tuition increases while increasing student financial aid beyond Board requirements; and

WHEREAS, President Geoffroy emphasized efficiency and high quality by combining two colleges, creating a new budget model, reorganizing Extension, and constructing and renovating academic, athletic and student facilities.

NOW THEREFORE, BE IT RESOLVED that the Board of Regents expresses its deep gratitude to President Gregory Geoffroy for his strong leadership, bold vision, and valuable knowledge and experience; and presents to him this plaque in recognition and honor of his extraordinary service and contributions to the State of Iowa, the Board of Regents, and Iowa State University.

Dated this 27th Day of October 2011.

Craig A. Lang, President
Bruce L. Rastetter, President Pro Tem

Nicole C. Carroll          Jack B. Evans          David W. Miles
Robert N. Downer           Ruth R. Harkin        Katie S. Mulholland

Greta A. Johnson

Robert Donley, Executive Director
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THE OFFICIAL UNIVERSITY MACE

The mace symbolizes the authority of the university president. The lead faculty marshal carries it at the head of the academic procession and, by placing it on its stand, signals the beginning of the commencement ceremony.

In medieval times, the mace was a studded, clublike weapon, made of iron. It was capable of breaking armor, and was associated with the protection of kings in France and England.

In the 13th century, it was used for civil purposes and processions. Eventually it became a symbol for academic institutions, an emblem of order and authority in the pageantry.

Created in bronze, silver and tiger maple, the Iowa State University mace incorporates important campus icons such as the campanile located on central campus and the Fountain of Four Seasons, located on the north side of the Memorial Union and features likenesses of four Native American women. The sculptures were created in 1941 by Christian Petersen, sculptor-in-residence from 1934-1955.

The mace's bronze headpiece is an interpretation of the campanile. It includes a silver presidential seal and reflects in a disc representative of the Fountain of the Four Seasons. The words “Iowa State University – Science With Practice” are inscribed on the edge of the disc. Under the disc is a shortened version or reflection of the campanile headpiece.

The tiger maple staff bears 14 bronze plaques inscribed with the names of all previous Iowa State presidents, their years of service, and a laurel leaf symbolizing the attainment of graduation.

At the staff's base is an unfolding bronze leaf symbolizing the beginning of a new era for graduating students. The overall height of the University mace is 60 inches, and it weighs 14 pounds.

Sculptor Jeanne L. Stevens-Sollman of Bellefonte, Pennsylvania designed and crafted the Iowa State University mace.

Private funds from the ISU Alumni Association's Circle of Former Presidents, Chairs, and Executive Directors, the Stanton Carillon Foundation, and the University Museums made the design and purchase of the Iowa State University mace possible.

THE PRESIDENTIAL CHAIN OF OFFICE

The presidential chain of office symbolizes the rich history and traditions of Iowa State University and is worn by the president at all commencement ceremonies.

It was first worn by President Gregory Geoffroy during the Spring 2008 commencement ceremonies to mark the end of Iowa State University’s year-long sesquicentennial celebration.

Created by sculptor Jeanne Stevens-Sollman—the same artist who created Iowa State's mace—the presidential chain of office complements the mace. The two pieces were commissioned by University Museums and the ISU Alumni Association and are part of University Museums’ Art on Campus collection.

The front of the presidential chain of office features an image of the campanile, and Beardshear Hall's east portico (the campus home of the president) is on the back. The shoulder epaulets are the columns of Beardshear and contain the words Leadership and Service. The campanile links in the presidential chain of office contain the words Engagement, Learning, Discovery and Access. The reverse sides of the bronze sections have low bas reliefs of corn. Most pieces in the necklace are bronze. The seal in the center of the campanile and the links in the necklace are sterling silver.

Both the presidential chain of office and the mace are housed in the alumni center and are used at each commencement ceremony.
In May 2008, as part of its sesquicentennial celebration, Iowa State University debuted custom-designed doctorate regalia.

The special commencement doctorate gowns were created with emblems and colors to reflect Iowa State's tradition and to complement Iowa State's hood. The fabric is cardinal red gabardine with black velvet panels and chevrons edged with gold cording. The Campanile, a beloved symbol and University tradition, adorns each of the two front velvet panels. An eight-sided black velvet tam with a gold silk tassel completes the official regalia.

The ceremony as well as the academic costume at commencement symbolize the record of academic achievement of the various individuals taking part in commencement exercises. The use of academic costume reaches back to medieval times and the beginnings of the famed old universities of Europe and England. Gowns (long, full robes) and cloaks with hoods were common garb. The unheated buildings frequented by medieval scholars certainly were an important factor in the choice of clothing.

A confusing array of caps, gowns, and hoods emerged from the centuries in Great Britain and from early years of higher education in the United States. American institutions recognized the need for a standard code and the great majority of academic costumes now worn in the United States are in accordance with the general provisions of the Intercollegiate Code of 1895. This code was slightly revised in 1932 and again in 1959. Under this code, the bachelor's gown has pointed sleeves; the master's gown has oblong sleeves with an arc at the bottom; and the doctor's gown has bell-shaped sleeves.

The Code dictates that bachelor's and master's gowns are untrimmed. However, the doctor's gown is faced down the front with velvet and has three bars of velvet across the sleeves. The facing and bars may be black or may be a color pertaining to the discipline. The color of the commencement gown varies in other countries. In America, black is typically the color of choice for bachelor's and master's degrees.

The square shape of the scholar's cap or mortarboard is thought to denote the stability of scholars and their books as suggested in the old poem, "The Ballad of the Cap," first published in 1564. Candidates for advanced degrees wear black tassels. The following is a list of tassel colors for baccalaureate degree candidates:

- Agriculture and Life Sciences – Maize
- Business – Drab
- Design – Brown
- Engineering – Orange
- Human Sciences – Maroon
- Liberal Arts and Sciences
  - Bachelor of Arts – White
  - Bachelor of Liberal Studies – White
  - Bachelor of Music – Pink
  - Bachelor of Science – Golden Yellow
- Veterinary Medicine – Gray

The hood gives color to the academic costume while its length indicates the wearer's academic degree. At Iowa State, hoods are worn by doctorate degree recipients. Exceptions are made for honorary degree recipients and other officials of the ceremony. In general, hoods are made of a wide panel of black cloth, matching the gown and are lined with satin in the official academic colors of the institution awarding the degree.

Iowa State University's colors are cardinal and gold, therefore the top half of the lining is gold and the lower part is cardinal. The colors used in the edging of hoods and tassels are associated with the discipline. For example, dark blue represents Philosophy and all hoods used in conferring the Doctor of Philosophy degree at Iowa State University are of dark blue edging.
HOODING CEREMONY, DOCTOR OF PHILOSOPHY

The Doctor of Philosophy is the university's highest academic degree, awarded only to those who have successfully completed an intensive and demanding course of study whose primary focus is on learning to conduct original research.

The final stage of the program is the preparation and defense of a dissertation that describes the outcome of a major research project. To prepare for that project, the student must have gained expertise and skills in a particular discipline and must have thoroughly explored its existing knowledge base.

Those who receive doctorates have demonstrated that they are truly experts in their fields whose research has already contributed significantly to human knowledge.

The hooding ceremony symbolizes their admission to the exclusive ranks of those who have earned the respect associated with the title “Doctor of Philosophy.”

During the hooding ceremony, the degree recipients are escorted and hooded by their major professors who have worked with them throughout their study for the doctoral degree. The hoods will connect the graduate with a family of scholars throughout history and from all parts of the world.

SPECIAL RECOGNITION, ADVANCED DEGREES

Candidates for graduation for the Master's or Ph.D. may be recognized with the Teaching Excellence Award or the Research Excellence Award.

The Teaching Excellence Award recognizes those who provided outstanding contributions in teaching undergraduate students while working toward a graduate degree.

The Research Excellence Award recognizes those who with outstanding research accomplishments in a graduate program.

Honorees for both awards wear cardinal and gold honor cords and are noted in this program as follows:

§ Research Excellence Award
†† Teaching Excellence Award

SPECIAL RECOGNITION, UNDERGRADUATE DEGREES

Candidates for undergraduate degrees may be recognized for graduating “With Distinction” or for graduating in the Honors Program. Levels of special academic achievement are indicated in the commencement program by Latin phrases, also known as Latin honors. This system is recognized internationally, however the requirements vary among institutions. In the United States, Latin honors are most often awarded to those earning undergraduate degrees and each academic institution sets its own standards and requirements for each honor.

At Iowa State University, candidates for graduation with distinction must have completed 60 semester credits of coursework at ISU at the time they graduate, including a minimum of 50 graded credits. Those graduating summa cum laude (with highest distinction) have earned a grade-point average of 3.90 or higher; magna cum laude (with great distinction) have a grade-point average of 3.70 to 3.89; or cum laude (with distinction) have a grade-point average 3.50 to 3.69. Grade-point averages are based on a 4.0 scale. In addition to the notation in the commencement program, this recognition appears on the official transcript and diploma.

The University Honors Program is an individually planned program of study designed to provide greater depth and breadth of scholarship than the regular curriculum. Those graduating from the University Honors Program have a grade point average of at least 3.35 and have designed and completed an individualized program of study, including an independent Honors Research Project.

Students graduating with special recognition will wear cords and be noted in this program as follows:

* * * Summa Cum Laude - with highest distinction (cardinal and gold cords)
* * Magna Cum Laude - with great distinction (gold cords)
* Cum Laude - with distinction (cardinal cords)
† Honors Program (white cords)
**ACADEMIC TITLES**

The following provides a brief description for the academic titles that appear in this program followed by a list of symbols for each title. Where appropriate, a symbol will be displayed behind the person's name.

Distinguished Professor denotes those faculty members who have been recognized for having attained outstanding national and international reputations within their professional disciplines.

University Professor denotes those faculty members who have been recognized for having made outstanding contributions to the quality of education at Iowa State University.

An endowed chair or professorship provides special recognition to the faculty member to whom the title is awarded. It is held for a specific term, and during that time, endowment earnings are used by the university to supplement departmental support of the faculty member's scholarship and responsibilities in teaching, research, outreach, and service. These chairholders specialize in areas of study identified by the donors who created the endowments.

‡ Distinguished Professor
‡‡ University Professor
❖ Endowed Chair
❖❖ Endowed Professorship

**IOWA STATE UNIVERSITY TRADITIONS**

The first swans on Lake LaVerne, Lancelot and Elaine, were a gift from the 1935 VEISHEA Central Committee. From that day on, there has been a pair of swans on Lake LaVerne.

When Iowa State’s young football team beat mighty Northwestern University 36 to 0 in 1895, and article in the Chicago Tribune said, “Northwestern might as well have tried to play football with an Iowa cyclone as with the Iowa team it met yesterday.” Thus, the “Cyclones” were born. Cy the Cardinal became Iowa State’s mascot in 1954.

It is said if you step on the bronze zodiac relief on the floor of the Memorial Union’s Gold Star Hall, you will flunk your next test.

VEISHEA, an all-university spring open house first organized in 1922, is among the nation’s largest university student-managed festivals. The festival got its name from the first letters of Iowa State’s first colleges: Veterinary Medicine, Engineering, Industrial Science, Home Economics, and Agriculture. Two of VEISHEA’s long-standing traditions are individual cherry pies and the musical production “Stars Over VEISHEA.”

In 2003, Iowa State revived a 60-year-old tradition: the Official ISU Ring. Students and alumni worked with the ISU Alumni Association and University Book Store to design a ring that symbolically captures the uniqueness of Iowa State. Rings may only be worn by alumni or by students who have achieved junior or senior status. Rings are officially presented at an annual ring ceremony.

The tradition of “campaniling” states that a student officially becomes an Iowa Stater when he or she is kissed under the university’s campanile at the stroke of midnight.

The Fountain of the Four Seasons by artist-in-residence, Christian Petersen (Danish-American, 1885-1961), is located in front of the Memorial Union and was a gift from the 1937 VEISHEA Committee. In 1942, Christian Petersen added four sculptures to represent the four seasons. The east sculpture represents spring with the planting of corn; south - summer, sheltering a young plant; west - fall, holding the harvest; and north - winter, nursing a child. Legend has it that good luck will come to you if you throw a coin in the fountain.
COMMENCEMENT PROGRAM
2:00 p.m., Saturday, December 17, 2011, James H. Hilton Coliseum

PRESIDENT GREGORY L. GEOFFROY, B.S., PH.D., PRESIDING

Processional

Pomp and Circumstance ............................................................... Edward Elgar

The Star-Spangled Banner .......................................................... Francis Scott Key
arr. Michael Golemo
Jocelyn M. Ascherl, Vocalist

Conferring of the Honorary Degree, Doctor of Humane Letters
Recipient Benjamin J. Allen

Commencement Address
Benjamin J. Allen
President
University of Northern Iowa

Interlude

Cyclone Fantasia ........................................................................ Michael Golemo

Student Recognitions
Provost Hoffman

Graduate students receiving Research and Teaching Excellence Awards
Undergraduate students with Special Recognition

Conferring of the Doctor of Philosophy Degree
Candidates from the Graduate College presented by David K. Holger,
Associate Provost for Academic Programs and Dean of the Graduate College

Conferring of the Master's Degree
Candidates from the Graduate College presented by David K. Holger,
Associate Provost for Academic Programs and Dean of the Graduate College

Conferring of the Bachelor's Degree
Candidates for the Bachelor's Degree presented by Elizabeth Hoffman, Provost
College of Agriculture and Life Sciences candidates recognized by Dean Wendy Wintersteen
College of Business candidates recognized by Dean Labh S. Hira
College of Design candidates recognized by Dean Luis Rico-Gutierrez
College of Engineering candidates recognized by Dean Jonathan A. Wickert
College of Human Sciences candidates recognized by Dean Pamela J. White
College of Liberal Arts and Sciences candidates recognized by Interim Dean David Oliver

The Class of 2011 and the Alumni Association
Jeffery W. Johnson
President
Iowa State University Alumni Association

Remarks
President Geoffroy

The Bells of Iowa State ................................................................. James C. Wilson
Refer to the back cover for the lyrics and story of The Bells of Iowa State
arr. Michael Golemo
Jocelyn M. Ascherl, Vocalist

Recessional

La Mousique ................................................................................ Tylman Susato

The color guard for commencement exercises is composed of representatives
from the Naval Reserve Officer Training Corps Color Guard.
Commencement Ceremony

Platform Officials
Gregory L. Geoffroy, President of the University
Benjamin J. Allen, President of the University of Northern Iowa, Honorary Degree Recipient and Commencement Speaker
Elizabeth Hoffman, Executive Vice President and Provost
Warren R. Madden, Vice President for Business and Finance
Thomas L. Hill, Vice President for Student Affairs
Cathann A. Kress, Vice President for Extension and Outreach
Charlotte R. Bronson, Associate Vice President for Research and Economic Development
James C. Dorsett, Interim Dean of Students
Jeffery W. Johnson, President of the Alumni Association
Kathleen M. Jones, Associate Vice President for Student Affairs and Registrar of the University
David K. Holger, Associate Provost for Academic Programs and Dean of the Graduate College
Labh S. Hira, Dean of the College of Business
Wendy Wintersteen, Dean of the College of Agriculture and Life Sciences
Pamela J. White, Dean of the College of Human Sciences
Luis Rico-Gutierrez, Dean of the College of Design
Jonathan A. Wickert, Dean of the College of Engineering
Lisa K. Nolan, Dean of the College of Veterinary Medicine
David J. Oliver, Interim Dean of the College of Liberal Arts and Sciences
Olivia M. Madison, Dean of the Library
Steven A. Freeman, President of the Faculty Senate

Faculty Representatives and Presenting Professors
Iver E. Anderson, Materials Science and Engineering
Rajeev Arora, Horticulture
Lyric C. Bartholomay, Entomology
William D. Beavis, Agronomy ∨
Thomas A. Bobik, Biochemistry, Biophysics and Molecular Biology
Byron F. Brehm-Stecher, Food Science and Human Nutrition
Scott L. Chumbley, Materials Science and Engineering
Aaron R. Clapp, Chemical and Biological Engineering
Julie A. Dickerson, Electrical and Computer Engineering
Ann Marie Fiore, Apparel, Educational Studies, and Hospitality Management
Mark S. Gordon, Chemistry ∨
Michelle A. Graham, Agronomy
David Grewell, Agricultural and Biosystems Engineering
Linda S. Hagedorn, Educational Leadership and Policy Studies
D. L. Hank Harris, Animal Science
Theodore J. Heindel, Mechanical Engineering ∨∨
Matthew J. Helmers, Agricultural and Biosystems Engineering
M. Peter Hoffman, Animal Science
Leslie Hogben, Mathematics
Robert S. Houk, Chemistry
John K. Jackman, Industrial and Manufacturing Systems Engineering
Jay-Lin Jane, Food Science and Human Nutrition ‡
Robert L. Jernigan, Biochemistry, Biophysics, and Molecular Biology
David C. Jiles, Electrical and Computer Engineering ∨ †
Kristen M. Johansen, Biochemistry, Biophysics and Molecular Biology
Anumantha G. Kanthasamy, Biomedical Sciences ‡ †
Atul G. Kelkar, Mechanical Engineering
Nir Keren, Agricultural and Biosystems Engineering
Michael R. Kessler, Materials Science and Engineering
Gap-Yong Kim, Mechanical Engineering
Rolf R. Koford, Natural Resource Ecology and Management
Frankie S. Laanan, Educational Leadership and Policy Studies
Monica H. Lamm, Chemical and Biological Engineering
James I. Lathrop, Computer Science
Michael Lee, Agronomy
Sergio H. Lence, Economics
Thomas Lubberstedt, Agronomy
Jack H. Lutz, Computer Science
Anastasios Matzavinos, Mathematics
Robert J. McQueeney, Physics and Astronomy
Gordon J. Miller, Chemistry
W. Allen Miller, Biochemistry, Biophysics, and Molecular Biology
Mani Mina, Electrical and Computer Engineering
Megan J. Murphy, Human Development and Family Studies
Balaji Narasimhan, Chemical and Biological Engineering ∨∨
Daniel S. Nettleton, Statistics ∨
Marit Nilsen-Hamilton, Biochemistry, Biophysics and Molecular Biology
Dusan Palic, Biomedical Sciences
Clay L. Pierce, Natural Resource Ecology and Management
Hridesh Rajan, Computer Science
Krishna Rajan, Materials Science and Engineering ∨ †
Aditya Ramamoorthy, Electrical and Computer Engineering
Michael S. Retallick, Agricultural Education and Studies
Pamela Riney-Kehrberg, History
David D. Roberts, English
Alan M. Russell, Materials Science and Engineering
Aaron D. Sadow, Chemistry
Joseph Shinar, Physics and Astronomy

‡Distinguished Professor
#University Professor
#Distinguished Professor
**Faculty Marshals**

Larry H. Ebbers, University Professor of Educational Leadership and Policy Studies, College of Human Sciences (Chief Marshal)
Daniel C. Robinson, University Professor of Educational Leadership and Policy Studies, College of Human Sciences (Chief Marshal)
C. Lee Burras, Professor of Agronomy, College of Agriculture and Life Sciences
Frederick H. Dark, Associate Professor of Finance, College of Business
Veronica J. Dark, Professor of Psychology, College of Liberal Arts and Sciences
Tim R. Derrick, Associate Professor of Kinesiology, College of Human Sciences

Richard E. Horton, Emeritus Professor of Electrical and Computer Engineering, College of Engineering
Kenneth C. Kruempel, Emeritus Associate Professor of Electrical and Computer Engineering, College of Engineering
Michael Martin, Associate Professor of Landscape Architecture, College of Design
Robert S. Wallace, Associate Professor of Ecology, Evolution and Organismal Biology, College of Liberal Arts and Sciences
Susan F. Yager, Associate Professor of English, College of Liberal Arts and Sciences

**Announcer and Reader of Names**

Hollis Monroe

**Student Marshals and Faculty Escorts**

**Presentation of College Banner**

Agustin Pagani, Graduate College
   Escorted by Antonio P. Mallarino, Professor of Agronomy

Barton J. Howard, College of Agriculture and Life Sciences
   Escorted by Richard C. Schultz, University Professor of Natural Resource Ecology and Management

Jacob C. Talbott, College of Business
   Escorted by Kayla E. Christensen, Lecturer in Accounting

Paola E. Sepulveda, College of Design
   Escorted by Carl A. Rogers, Associate Professor of Landscape Architecture

Kyle J. Debelak, College of Engineering
   Escorted by Steve W. Martin, Distinguished Professor and University Professor of Material Science and Engineering

Heather A. Sinclair, College of Human Sciences
   Escorted by Sara B. Marcketti, Assistant Professor of Apparel, Education Studies, and Hospitality Management

Alexander C. Fitzgerald, College of Liberal Arts and Sciences
   Escorted by Janet W. Alcorn-Ferrone, Lecturer in Music and Theatre

**Musicians**

Conductor
Michael Golemo, Director of Bands

**Vocalist**
Jocelyn Ascherl

**Trumpet**
Brian Fox
Austin Hancock

**French Horn**
Kristyna Carter
Chloe Dedic

**Tuba**
Daniel Jensen
Joseph Waters

**Percussion**
Hillary Holmes
Lee Plummer

**Euphonium**
Chad Nelson

**Euphonium**
Victoria Pioszak

* Graduating Student
Benjamin Allen has been president of the University of Northern Iowa since 2006. He is a former professor, dean, vice president and provost at Iowa State University.

Dr. Allen received his bachelor’s degree in business economics from Indiana University and master’s and Ph.D. degrees in economics from the University of Illinois.

He was a member of the Washington State University faculty from 1974 to 1979, including a year as a Brookings Economic Policy Fellow in the U.S. Department of Transportation Office of Transportation Regulatory Policy, and he joined the Iowa State faculty in 1979. He served as dean of the College of Business from 1994 to 2001, interim vice president for external affairs in 2001-02, and vice president for academic affairs and provost from 2002 to 2006.

Dr. Allen is a nationally known researcher and educator in transportation and logistics, with particular expertise in regulatory reform, deregulation and public transportation policy. In 1988, he and a colleague from the University of Iowa established the Midwest Transportation Center at Iowa State, today the Institute for Transportation, and he directed the center for its first two years. He has an extensive publication record in top peer-reviewed journals in his discipline as well as in broader national economics publications. In 1988, he was named the first Distinguished Professor in Business at Iowa State.

In 2007, Dr. Allen was appointed by the American Association of State Colleges and Universities and the National Association of State Universities and Land-Grant Colleges to the Presidential Advisory Committee for the National Commission of University Accountability, and in 2010, he received a Congressional appointment to the National Advisory Committee on Institutional Quality and Integrity.

In 2011, he was appointed by Iowa Governor Branstad to co-chair, with Lieutenant Governor Reynolds, the Iowa STEM (Science, Technology, Engineering and Mathematics) Advisory Council. He also co-chairs the Iowa Business Council’s Education Excellence in Iowa Roundtable, a non-partisan forum of business and education leaders focused on improving pre-K-16 academic achievement and establishing career development opportunities.
CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Daniel Wright Adrian  
Naperville, Ill.  
B.S., Valparaiso University;  
M.S., Northern Illinois University  
Department: Statistics  
Major: Statistics  
Dissertation: Some contributions to Ricean and complex-valued modeling of functional MRI time series

Hilary Afeseh Ngwa  
Bamenda, Cameroon  
B.S., University of Buea  
Department: Biomedical Sciences  
Major: Toxicology  
Dissertation: Neurotoxic effect of vanadium and manganese on nigrostriatal and olfactory dopaminergic systems: Potential role in the etiopathogenesis of Parkinson’s disease

Hisham Mohammad Khalaf Almasaeid  
Al-Mafraq, Jordan  
B.Sc., Yarmouk University;  
M.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Dissertation: Spectrum allocation algorithms for cognitive radio mesh networks

§ Arunkumar Asaithambi  
Ames  
B.Tech., Anna University  
Department: Biomedical Sciences  
Major: Toxicology  
Dissertation: Compensatory mechanisms of neuroprotection by PKD signaling against oxidative damage in experimental models of Parkinson’s disease (PD): Relevance to PD drug discovery strategies

Preeti Bais  
Ames  
B.E., Barkatullah Vishwavidyalaya University;  
M.S., Brandeis University  
Department: Electrical and Computer Engineering  
Major: Bioinformatics and Computational Biology  
Dissertation: Bioinformatics methods for metabolomics based biomarker detection in functional genomics studies

§ Prasanna Venkataraman Balachandran  
Coimbatore, India  
B.E., PSG College of Technology  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Dissertation: Statistical learning for chemical crystallography

Shawn T. Bayouth  
Ames  
B.A., Western Illinois University;  
M.S., Indiana State University  
Department: Agricultural and Biosystems Engineering  
Major: Industrial and Agricultural Technology  
Dissertation: Examining firefighter decision making process and choice in virtual reality

Subhra K. Bhattacharya  
Howrah, India  
B.Sc., University of Calcutta;  
M.A., Jawaharlal Nehru University;  
M.Phil., Ibid.  
Department: Economics  
Major: Economics  
Dissertation: Essays in public economics and mathematical finance

Anastasia Lorellen Bodnar  
Tampa, Fla.  
B.S., University of Maryland-College Park  
Department: Agronomy  
Major: Genetics  
Dissertation: Novel approaches to improving qualities of maize endosperm

Joel K. Bohlken  
Cedar Bluffs, Neb.  
B.S., Peru State College;  
M.Ed., University of Nebraska at Lincoln  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Tax credits for private school tuition and the relationship to private school enrollment

§ Research Excellence Award
† † Teaching Excellence Award
Stephanie Lynn Bondi  
Bettendorf
B.S., Butler University;
M.S., Indiana University-Bloomington
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: Complicity with the neocolonial project in education: A deconstruction of student affairs preparation practices

Susan Lee Brown  
Moultonborough, N.H.
B.A., Ohio Northern University;
M.Ed., University of Texas at Austin
Department: Kinesiology
Major: Kinesiology (Behavioral Basis of Physical Activity)
Dissertation: Using a social-ecological model to examine obesity interventions

Brenda C. Buzynski  
Hudson
B.S., University of Northern Iowa;
M.A., Ibid.
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: Earning college credit in high school: Variables that predict persistence to the second year of college

Min Cai  
Nanjing, China
B.Sc., Nanjing University
Department: Physics and Astronomy
Major: Condensed Matter Physics
Dissertation: Organic Light-Emitting Diodes (OLEDs) and Optically-Detected Magnetic Resonance (ODMR) studies on organic materials

Weili Cai  
Jianyang, China
B.S., Beijing Forestry University;
M.S., Beijing Normal University
Department: Biochemistry, Biophysics, and Molecular Biology
Major: Molecular, Cellular and Developmental Biology
Dissertation: Functional analysis of the JIL-1 histone H3 kinase in Drosophila

Alexis Ann Campbell  
West Des Moines
B.S., Iowa State University
Department: Biochemistry, Biophysics, and Molecular Biology
Major: Plant Biology
Dissertation: Fatty acid elongase (FAE) systems: An investigation of genetic redundancy

Christina Marie Dunn Carpenter  
Pleasant Hill
B.S., Central Missouri State University;
M.S., Ibid.
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: Transitions for success: A phenomenological study of non-traditional GED completers into the community college

Brenda R. Carrillo Conde  
Mazatlan, Mexico
Lic., Monterrey Institute of Technology
Department: Chemical and Biological Engineering
Major: Chemical Engineering
Dissertation: Engineering amphiphilic polyanhydride particle platform for targeted drug and vaccine delivery

Nayan Chakravarty  
Mumbai, India
B.Tech., Indian Institute of Technology-Bombay
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Dissertation: (aSiGe/ncSi) superlattice thin film silicon solar cell

Keting Chen  
Qingdao, China
B.S., Shandong Agricultural University
Department: Horticulture
Major: Horticulture
Dissertation: Antioxidants and dehydrin metabolism associated with osmopriming-enhanced stress tolerance of germinating spinach (Spinacia oleracea L. cv. Bloomsdale) seeds

Xi Chen  
Ezhou, China
B.S., University of Science and Technology of China
Department: Electrical and Computer Engineering
Major: Computer Engineering
Dissertation: Practical and context-aware resource adaptation in mobile networks

Ying Chen  
Nanjing, China
B.Sc., Nanjing University;
M.Sc., Ibid.
Department: Physics and Astronomy
Major: Condensed Matter Physics
Dissertation: Optically detected magnetic resonance studies on pi-conjugated semiconductor systems
Yongsheng Chen  
B.Agron., China Agricultural University;  
M.Agron., Ibid.  
Department: Agronomy  
Major: Genetics  
Dissertation: Pleiotropic effects of genes involved in cell wall lignification on agronomic characters

Laura Elizabeth Christianson  
Stillwater, Okla.  
B.S., Oklahoma State University;  
M.S., Kansas State University  
Department: Agricultural and Biosystems Engineering  
Majors: Agricultural Engineering and Sustainable Agriculture  
Dissertation: Design and performance of denitrification bioreactors for agricultural drainage

Cara Joest Dienes  
Evansville, Ind.  
B.S., Purdue University;  
M.S., Georgia Institute of Technology  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Dissertation: A game theory model of the physician preference item supply chain

James M. Dombrosky  
Pittsburgh, Pa.  
B.S., Slippery Rock University;  
M.B.A., University of Pittsburgh  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Foodservice and Lodging Management  
Dissertation: Pennsylvania wine and restaurants: Barriers and opportunities

Joshua Bryon Drake  
Ames  
B.S., Iowa State University;  
M.A.T., Ibid.  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Hydrodynamic characterization of 3D fluidized beds using noninvasive techniques

Jingbo Duan  
Shangrao, China  
B.S., Chongqing University of Posts and Telecommunications;  
M.E., Tsinghua University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Techniques suitable for on chip implementation and ADC Built-in Self-test solutions for low cost and accurate ADC testing

Jérôme Robert Florian Dumortier  
Freiburg im Breisgau, Germany  
Lic., University of Lausanne-Switzerland  
Department: Economics  
Major: Economics  
Dissertation: The impact of forest offset credits under a stochastic carbon price on agriculture using a rational expectations and real options framework

Albert D. Farr  
Largo, Fla.  
B.S., Iowa State University;  
M.A., Ibid.  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Real diversity or just another mask: An ethnomethodological study of authentic ethnicity of African-American community college administrators

David Steven Gogerty  
Ankeny  
B.S., University of Iowa  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Dissertation: Isobutene formation from 3-hydroxy-3-methylbutyrate (3-HMB) by the Saccharomyces cerevisiae diphosphomevalonate decarboxylase (ScMDD) and directed enzyme evolution to improve enzyme function

Danielle Marie Gorbach  
Orion, Ill.  
B.A., Cornell College  
Department: Animal Science  
Major: Genetics  
Dissertation: The prediction of single nucleotide polymorphisms and their utilization in mapping traits and determining population structure in production animals

Karen Elaine Grote  
Alburnett  
B.S., Iowa State University;  
B.S., Ibid.;  
M.S., Ibid.  
Department: Agronomy  
Major: Plant Breeding  
Dissertation: Genetic basis of maize whole kernel, embryo, and endosperm oil
Kelley Marie Kemper Haarberg  
Hannibal, Mo.  
B.S., Iowa State University;  
M.S., Southern Illinois University-Edwardsville  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Immunobiology  
Dissertation: Nutraceutical efficacy in experimental animal models of inflammatory bowel disease: Echinacea angustifolia, Prunella vulgaris and Hypericum gentianoides

Wei He  
Ames  
B.E., Huazhong University of Science and Technology;  
M.S., Iowa State University  
Departments: Animal Science and Statistics  
 Majors: Animal Breeding and Genetics (Quantitative Genetics) and Statistics  
Dissertation: A combined linkage disequilibrium and cosegregation method for fine mapping of QTL and approaches to study the long-term accuracy of genomic selection

Kevin F. Howe  
Johnston  
B.B.A., Grand View College;  
J.D., Drake University;  
M.A., Iowa State University  
Department: History  
Major: Agricultural History and Rural Studies  
Dissertation: Wisdom in the earth: An examination of the history of intellectual property rights in plants and seeds

Hillary Nicole Isebrands  
Rhinelander, Wis.  
B.S., Iowa State University;  
M.S., Ibid.  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Transportation Engineering)  
Dissertation: Quantifying safety and speed data for rural roundabouts with high-speed approaches

Sidharath Jain  
Changdigarh, India  
B.Tech., Indian Institute of Technology-Delhi;  
M.Tech., Ibid.  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Accurate and efficient modeling of interconnects in lossy layered media

Ming Jia  
Beijing, China  
B.E., Tsinghua University;  
M.E., Ibid.  
Department: Electrical and Computer Engineering  
Majors: Computer Engineering and Human Computer Interaction  
Dissertation: Visualizing biological data in Google Earth

Na Jin  
Zhuji, China  
B.Econ., Central University of Finance and Economics;  
M.Sc., University of Surrey  
Department: Economics  
Major: Economics  
Dissertation: Three essays on commodity futures and options markets

Vijay Kanagala  
Edison, N.J.  
B.Sc., University of Madras;  
M.B.A., Iowa State University;  
M.Educ., Ibid.  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Neither here, nor there: The experience of immigration, integration, and consciousness development among Generation 1.5 Asian Indian American college students

Juhee Kang  
Busan, South Korea  
B.B.A., Dong-Eui University;  
M.S., University of Nevada-Las Vegas  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Hospitality Management  
Dissertation: Social media marketing in the hospitality industry: The role of benefits in increasing brand community participation and the impact of participation on consumer trust and commitment toward hotel and restaurant brands

Lei Ke  
Hefei, China  
B.E., University of Science and Technology of China;  
M.E., Ibid.  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Degrees of freedom of wireless interference network

§ Research Excellence Award  
† † Teaching Excellence Award
Hyongjune Kim  
Ames  
B.S., Pusan National University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Dissertation: Al-Ca and Al-Fe metal-metal composite strength, conductivity, and microstructure relationships

Seung Ha Kim  
Ames  
B.S., Pohang University of Science and Technology;  
M.S., Seoul National University  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Dissertation: Multiscale modeling for complex macromolecular systems: Methodologies and applications

Keith Edward King  
Ada, Okla.  
B.S., Langston University;  
M.S., University of Arkansas  
Department: Agronomy  
Major: Genetics  
Dissertation: Mineral evaluation and Quantitative Trait Loci mapping in a soybean (Glycine max (L.) Merr.) population developed for iron deficiency chlorosis resistance

Erik Richard Klobukowski  
West Allis, Wis.  
B.S., University of Wisconsin-Madison  
Department: Chemistry  
Major: Inorganic Chemistry  
Dissertation: Bulk gold catalyzed oxidation reactions of amines and isocyanides and iron porphyrin catalyzed N-H and O-H bond insertion/cyclization reactions of diamines and aminoalcohols

Stephanie Ann Krauth  
Indianola  
B.A., Simpson College;  
M.A., Northeast Missouri State University  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Service participation as a predictor of multicultural competency in college graduates: A comparative study of sectarian and nonsectarian institutions

Barbara Ann Cook Krieg  
Cedar Falls  
B.S.N., University of Iowa;  
M.A., University of Northern Iowa;  
M.S.N., University of Iowa  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Are you man enough to be a nurse? The road less traveled

Brenda Lee Krogh Duree  
State Center  
B.S.N., University of Iowa;  
M.Ed., Iowa State University  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: The community college nursing director: A leader in the community college and nursing profession

Nicholas B. Larson  
Ames  
B.A., St. Olaf College;  
M.S., Iowa State University  
Department: Statistics  
Majors: Statistics and Bioinformatics and Computational Biology  
Dissertation: Investigation and development of statistical method for gene expression data analysis

Sumudu Pamoda Leelananda  
Peradeniya, Sri Lanka  
B.S., University of Peradeniya  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biophysics  
Dissertation: Protein sequence-structure relationships

Miao Li  
Jilin City, China  
B.E., Jilin University;  
M.S., University of Science and Technology of China;  
M.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: A numerical and experimental study of in-situ NO formation in laminar NH₃-seeded syngas diffusion flames

Kristopher Robert Lineberry  
Clive  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: The impact of household refrigerator storage conditions on the shelf life of fruits and vegetables

††§Lin Liu  
Jiazo, China  
B.E., Nanjing University of Science and Technology;  
M.E., Shanghai Jiaotong University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Solid oxide fuel cell reliability and performance modeling and fabrication by spray pyrolysis

§ Research Excellence Award
†† Teaching Excellence Award
Rafael Lopes Quirino  
Brasilia, Brazil
B.S., University of Brasilia;  
Mestre., University of Brasilia
Department: Chemistry  
Major: Chemistry
Dissertation: Natural oil-based composites reinforced with natural fillers, and conjugation/isomerization of carbon-carbon double bonds

John Dustin Loy  
Ames
B.S., Iowa State University;  
D.V.M., Ibid.
Department: Animal Science  
Major: Veterinary Microbiology
Dissertation: Infection and immunity in the Pacific white shrimp, Litopenaeus vannamei

Wei Lu  
Hefei, China
B.E., Nanjing University of Posts and Telecommunications;  
M.E., University of Science and Technology of China
Department: Electrical and Computer Engineering  
Major: Electrical Engineering
Dissertation: Sparse recovery with partial support and signal value knowledge and applications in dynamic MRI

Timothy Christopher Mauldin  
Bartlett, Ill.
B.S., University of Illinois-Urbana Champaign
Department: Chemistry  
Major: Chemistry
Dissertation: Self-healing polymers - the importance of choosing an adequate healing monomer, and the olefin metathesis polymerization of agricultural oils

Ramón Alejandro Mercado  
Bayamon, Puerto Rico
B.S., University of Puerto Rico
Department: Electrical and Computer Engineering  
Major: Computer Engineering
Dissertation: A probabilistic approach to early communication performance estimation for electronic system-level design

§ Jared F. Mike  
Youngstown, Ohio
B.S., Youngstown State University
Department: Chemistry  
Major: Organic Chemistry
Dissertation: Synthesis and characterization of new conjugated materials based on benzobisazoles and their incorporation into electronic devices

§ Debjani Mitra  
Hillsboro, Oreg.
B.S., University of Pune;  
M.S., Ibid.
Departments: Civil, Construction and Environmental Engineering and Food Science and Human Nutrition
Majors: Biorenewable Resources and Technology and Food Science and Technology
Dissertation: Production and characterization of value-added biorenewable chemicals

Abhisek Mudgal  
Ames
B.Tech., Indian Institute of Technology-Delhi;  
M.S., Iowa State University
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Transportation Engineering)
Dissertation: Modeling driving behavior at traffic control devices

§ Wayne Takeshi Muraoka  
Pearl City, Hawaii
B.S., Washington State University;  
M.S., Ibid.
Department: Veterinary Microbiology and Preventive Medicine  
Major: Microbiology
Dissertation: Campylobacter jejuni: Metabolic diversity leading to competitive fitness

§ Mark Andrew Newell  
Centennial, Colo.
B.S., Colorado State University;  
M.S., Ibid.
Department: Agronomy  
Major: Plant Breeding
Dissertation: Oat (Avena sativa L.) quality improvement for increased beta-glucan concentration

§ Agustin Pagani  
Buenos Aires, Argentina
Ing.Ag., National University of Mar del Plata
Department: Agronomy  
Major: Soil Science (Soil Fertility)
Dissertation: Soil pH and lime management for corn and soybean

Gregory A. Peiffer  
Saint. Louis, Mo.
B.S., Iowa State University
Department: Agronomy  
Major: Genetics
Dissertation: Utilization of near-isogenic lines to identify genes underlying iron-efficiency QTL
Neevan Kakkan Ramalingam  

combatore, India

B.Tech., Indian Institute of Technology-Madras
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Dissertation: Achievable rates for relay networks using superposition coding

§ Dawn Marie Reding  

Miles

B.S., University of Dubuque;
M.S., University of Hawaii at Manoa
Department: Ecology, Evolution and Organismal Biology
Major: Ecology and Evolutionary Biology
Dissertation: Patterns and processes of spatial genetic structure in a mobile and continuously distributed species, the bobcat (Lynx rufus)

§ Deepak Reyon  

Kalpetta, India

B.S., Oklahoma City University
Department: Genetics, Development and Cell Biology
Major: Bioinformatics and Computational Biology
Dissertation: Genome engineering using DNA-binding proteins: Zinc finger nucleases (ZFNs) and transcription activator-like effector nucleases (TALENs)

Joel Rodney Rieken  

Ankeny

B.S., Iowa State University
Department: Materials Science and Engineering
Major: Materials Science and Engineering
Dissertation: Gas atomized precursor alloy powder for oxide dispersion strengthened ferritic stainless steel

Sean Joseph Riley  

East Moline, Ill.

A.B., Augustana College
Department: Chemistry
Major: Organic Chemistry
Dissertation: Chemistry from nature: From natural products to biorenewables

§† Donald Carl Rogness  

Waunakee, Wis.

B.S., University of Wisconsin-Eau Claire
Department: Chemistry
Major: Organic Chemistry
Dissertation: Synthetic methodologies for medicinally-relevant nitrogen-containing heterocycles via benzyne annulation

Kathy Marie Rogotzke  

Charles City

B.A., St. Olaf College;
M.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: Iowa community college Science, Engineering and Mathematics (SEM) faculty: Demographics and job satisfaction

Andrew Joseph Ryder  

Portsmouth, Va.

B.A., College of William and Mary
M.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: From dropout to degree: The GED pathway to and through Iowa community colleges

†† Muniba Saleem  

Lawrenceville, Ga.

B.A., Ohio State University;
M.S., Iowa State University
Department: Psychology
Major: Psychology
Dissertation: Reducing intergroup biases and conflict through attachment theory

§ Mohammad Ahmad Salem Saleh  

Irbid, Jordan

B.S., Jordan University of Science and Technology
Department: Electrical and Computer Engineering
Major: Computer Engineering
Dissertation: Design and operation of optical WDM networks with many-to-many traffic grooming

Erin Elizabeth Sandford  

Highland, Mich.

B.S., Michigan State University
Department: Animal Science
Major: Genetics
Dissertation: Whole transcriptome response of chicken spleen and peripheral blood leukocytes to avian pathogenic Escherichia coli

Michelle Marie Sams Schmit  

Ames

B.S., Iowa State University;
M.Educ., Ibid.
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: A comparison of accelerated and non-accelerated students and the effect on graduation at a Midwestern rural community college

§ Research Excellence Award
†† Teaching Excellence Award
Bethany J. Schuttinga  
*Sioux Center*  
B.A., Dort College;  
M.S., Minnesota State University-Mankato  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Enrollment management strategies: Effectiveness and usage at member institutions of the Council for Christian Colleges and Universities

Rajashekhar Shivaram Sharma  
*Troy, Mich.*  
B.E., University of Mysore;  
M.Tech., Indian Institute of Technology-Madras;  
M.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Weldability of advanced high strength steels using Yb:YAG high power laser for tailor-welded blank applications

Ilchung Shin  
*Seoul, South Korea*  
B.Pharm., Duksung Women's University;  
M.Pharm., Ibid.  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Dissertation: Imaging gene expression in real-time using aptamers

Ashutosh Shyam  
*Kolkata, India*  
B.Tech., Malaviya National Institute of Technology at Jaipur  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Fabrication of high quality, low bandgap amorphous Silicon & amorphous Silicon Germanium alloy solar cell by Chemical Annealing

Tyler Nicholas Sondag  
*Belleville, Ill.*  
B.S., McKendree College;  
M.S., Iowa State University  
Department: Computer Science  
Major: Computer Science  
Dissertation: Phase-based tuning: Better utilized performance asymmetric multicores

Chuanzhe Song  
*Camarillo, Calif.*  
B.S., Purdue University  
Department: Biomedical Sciences  
Major: Neuroscience  
Dissertation: The development and utilization of an in vivo RNA interference protocol to elucidate gene functions and identify potential drug targets in the filarial nematode *Brugia malayi*

Sonja Eva-Marie Stutzman  
*Kalona*  
B.S., Iowa State University;  
M.S., Ibid.  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies  
Dissertation: Premarital counseling and culture: A narrative inquiry of couples’ insights

Song Sun  
*RongCheng, China*  
B.S., Beijing Information Technology Institute;  
M.S., University of Science and Technology of China  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Dissertation: Analysis and acceleration of data mining algorithms on high performance reconfigurable computing platforms

†† Hakan Topakkaya  
*Eskisehir, Turkey*  
B.S., Middle East Technical University;  
B.S., Ibid.;  
M.S., Wichita State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Network coding for wireless and wired networks: Design, performance and achievable rates

Hsine-Jen Tsai  
*Taipei, Taiwan*  
B.A., Fu Jen University;  
M.S., Iowa State University  
Department: Computer Science  
Major: Computer Science  
Dissertation: A spatial mediator model for integrating heterogeneous spatial data

---

§ Research Excellence Award  
†† Teaching Excellence Award
Ryan Lee Vander Veen       Worthington, Minn.
B.S., South Dakota State University
Department: Veterinary Microbiology and Preventive Medicine
Major: Immunobiology
Dissertation: Development of efficacious replicon particle vaccines for swine influenza virus

Jennifer Amy Vogel       Plainfield, Ind.
B.S., Indiana University-Bloomington;
M.S., University of Florida;
M.S., Iowa State University
Department: Natural Resource Ecology and Management
Major: Ecology and Evolutionary Biology
Dissertation: Grassland bird response to enhanced vegetation diversity in restoration plantings in the Spring Run Complex of northwestern Iowa

Robert C. Welch       Riverdale
B.A., University of Northern Iowa;
M.A., Iowa State University
Department: History
Major: Agricultural History and Rural Studies
Dissertation: Forage liberally: The role of agriculture in Sherman’s March to the Sea

Kimberly Ann Werling Johnson       Hudson
B.B.A., University of Iowa;
M.Ed., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Leadership)
Dissertation: Examining noncredit workforce training programming at Kirkwood Community College: A new conceptual model for measuring student motivations and perceptions of high quality job attainment

Christiana Elaine Wiebbecke       Traer
B.S., Iowa State University
Department: Agronomy
Major: Plant Breeding
Dissertation: Environmental analyses and candidate gene expression of ms9 male-sterility locus and computational identification of candidate genes for male-sterility loci in soybean

†† Travis Michael Witte       Waukee
B.S., University of Northern Iowa
Department: Chemistry
Major: Analytical Chemistry
Dissertation: Laser ablation-inductively coupled plasma-mass spectrometry: Examinations of the origins of polyatomic ions and advances in the sampling of particulates

§ Yufeng Wu       Hengdong, China
B.E., Wuhan University;
M.S., Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Fabrication of metal matrix composite by semi-solid powder processing

§ Ying Xia       Jiangyan, China
B.S., Nanjing University
Department: Chemistry
Major: Chemistry
Dissertation: Biorenewable polymeric materials from vegetable oils

Jin Xu       Jiangdu, China
B.Eng., Nanjing University of Aeronautics and Astronautics;
Ph.D., Ibid.
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Mechanical destruction of biological tissue by high intensity focused ultrasound histotripsy

Yang Xu       Changsha, China
B.S., Xiamen University;
M.S., Chinese Academy of Science
Department: Genetics, Development and Cell Biology
Major: Plant Biology
Dissertation: The study of the mechanism of Arabidopsis var2 variegation

Jie Yan       Zhuzhou, China
B.E., Zhejiang University;
M.E., Huazhong University of Science and Technology
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Dissertation: A new emergency control method and a preventive mechanism against cascaded events to avoid large-scale blackouts
Lei Zhang  
Beijing, China
B.E., Tsinghua University;  
M.S., Ibid.
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Multicomponent drop  
vaporization modeling of petroleum and  
biofuel mixtures

Wei Zhang  
Enshi, China
B.E., Hubei University;  
M.E., Huazhong University of Science and  
Technology
Department: Computer Science  
Major: Computer Science  
Dissertation: Data clustering analysis with  
ant-based template mechanism

Yanjie Zhang  
Shanghai, China
B.S., East China University of Science and  
Technology  
Department: Chemical and Biological  
Engineering
Major: Chemical Engineering  
Dissertation: Surface functionalization of  
quantum dots for biotechnological  
applications

Yuan Zhang  
Tianjin, China
B.S., Nankai University
Department: Chemistry
Major: Chemistry  
Dissertation: Investigation of antimicrobial  
peptides in lipid membranes by solid-  
state NMR

Huan Zhao  
Yutai, China
B.E., Xi’an Jiaotong University;  
M.S., Ibid.
Department: Economics  
Major: Economics  
Dissertation: Four market studies for the beef  
and electric power industries

Lei Zhao  
Dezhou, China
B.E., Xidian University;  
M.E., University of Science and Technology of  
China
Department: Materials Science and  
Engineering
Major: Materials Science and Engineering  
Dissertation: Functional nanocomposites,  
block copolymers, and nanocrystals:  
From synthesis, self-assembly to  
application

†† Mandy Kay Zimmerli  
Redwood Falls, Minn.
B.S., North Dakota State University
Department: Biochemistry, Biophysics, and  
Molecular Biology
Major: Biochemistry  
Dissertation: Identification and  
characterization of the major outer  
membrane proteins of Haemophilus  
parasuis for the rational development of  
a vaccine candidate and diagnostic for  
Glasser’s disease

§ Michael Thomas Zimmermann  
Shawano, Wis.
B.A., Concordia University
Department: Biochemistry, Biophysics, and  
Molecular Biology
Major: Bioinformatics and Computational  
Biology
Dissertation: Mechanistic insights on  
important biomolecules derived using  
simple dynamics models from extending  
the reach of elastic network modeling
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Institution/University and Country</th>
<th>Department</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corey James Bach</td>
<td>West Des Moines</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
<td>Accounting</td>
</tr>
<tr>
<td>Amanda Jane Bailey</td>
<td>Mason City</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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<tr>
<td>Megan Renee Batcheller</td>
<td>Fort Dodge</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Stephanie Ann Connell</td>
<td>Harlan</td>
<td>B.S., Dana College; B.A., Ibid.</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Alyssa Brooke Elgersma</td>
<td>Nevada</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Krista Ann Fox</td>
<td>Osage</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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<tr>
<td>Alan Scott Hinkeldey</td>
<td>Alta</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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<tr>
<td>Jason Timothy Hunziker</td>
<td>Auburn</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Donghak Lee</td>
<td>Seoul, South Korea</td>
<td>B.Mgmt., Dongguk University; B.S., Iowa State University</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Sijia Li</td>
<td>Diaobingshan, China</td>
<td>B.S., Missouri State University</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Carien Christiani Natalia</td>
<td>Jakarta, Indonesia</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
<td>Accounting</td>
</tr>
<tr>
<td>Sarah Kaye Sletten</td>
<td>Osage</td>
<td>B.S., Iowa State University; B.S., Ibid.; B.S., Ibid.</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Chia-Hui Tai</td>
<td>Taipei, Taiwan</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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<tr>
<td>Brittany Nicole Vonk</td>
<td>Adel</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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<tr>
<td>Chao Wang</td>
<td>Zhengzhou, China</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
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<tr>
<td>Yixian Zhang</td>
<td>Karamay, China</td>
<td>B.Mgmt., Tianjin University of Finance and Economics</td>
<td>Accounting</td>
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</tr>
<tr>
<td>Zhao Zhao</td>
<td>Suzhou, China</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
<td>Accounting</td>
</tr>
<tr>
<td>Ting Li Zhou</td>
<td>Carroll</td>
<td>B.S., Iowa State University</td>
<td>Accounting</td>
<td>Accounting</td>
</tr>
</tbody>
</table>
MASTER OF AGRICULTURE

Daniel Timothy Rinehart  Boone
B.S., Emmaus Bible College  
Department: Professional Agriculture  
Major: Professional Agriculture  

Brett Pace Wilson  Williamsburg
B.S., University of Wisconsin-Stevens Point  
Department: Professional Agriculture  
Major: Professional Agriculture  

Derek J. York  Missouri Valley
B.S., Iowa State University  
Department: Professional Agriculture  
Major: Professional Agriculture  

MASTER OF ARCHITECTURE

Carl Laegreid  Omaha, Neb.
B.A., Hastings College  
Department: Architecture  
Major: Architecture  

Chase J. Prepula  Battle Ground, Wash.
B.S., Washington State University  
Department: Architecture  
Major: Architecture  

Chris R. Taylor  Corvallis, Oreg.
B.S., Oregon State University  
Department: Architecture  
Major: Architecture  

Brian Burnell Walker  Mason City
B.Arch., Iowa State University  
Department: Architecture  
Major: Architecture  
Thesis: The reduction of waste and promotion of user autonomy in architecture through the design and application of adaptable systems  

MASTER OF ARTS

Sarabeth McVey Anderson  Des Moines
B.A., University of Iowa;  
B.A., Southern Virginia University  
Department: Political Science  
Department: History  
Major: Political Science  
Major: History  
Thesis: The sky or acorns? A constitutional analysis of presidential signing statements  
Thesis: A lifetime of change: Robert Lee Durham and the New South  

William Allen Hunt  Massapequa Park, N.Y.
B.A., University of Oregon  
Department: History  
Major: History  

Nicholas M. Sherman  Portland, Oreg.
B.A., University of Oregon  
Department: History  
Major: History  
Thesis: Iowa's Lincoln Highway: The social and political transformations of automotive history and the economic impacts of small town Iowa  

Barbara Anne Gerlach  Nevada
B.S., Iowa State University  
Department: Art and Design  
Major: Art and Design  

Nancy Lynn Girard  Ames
B.A., Iowa State University  
Department: Interdisciplinary Graduate Studies  
Major: Interdisciplinary Graduate Studies
MASTER OF BUSINESS ADMINISTRATION

Jodi Ellen Alberts  Windsor Heights
B.B.A., Iowa State University
Department: Business Administration
Major: Business Administration (Supply Chain Management)

Nathan Eugene Arnold  Grimes
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

William Shamus Brown III  Graettinger
B.S., Iowa State University
Department: Business Administration
Major: Business Administration (Agribusiness)

Matthew J. Bueltel  Lacona
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Ian Robert Coffelt  Eagle Grove
B.S., Iowa State University;
B.S., Ibid.
Department: Business Administration
Major: Business Administration (Supply Chain Management)

Jason Gerald Colbert  Danbury
B.S., Iowa State University
Department: Business Administration
Major: Business Administration (Technology and Innovation Management)

Tami L. Corcoran  Story City
B.S., Upper Iowa University
Department: Business Administration
Major: Business Administration

Stuart Thomas Essex  Urbandale
B.A., College of St. Scholastica
Department: Business Administration
Major: Business Administration (Finance)

Jason L. Geiken  West Des Moines
B.A., Florida Baptist College
Department: Business Administration
Major: Business Administration (Marketing)

Jared Nathan Helming  Springfield, Mo.
B.S., University of Nebraska at Lincoln
Department: Business Administration
Major: Business Administration (Information Systems)

Marie Elizabeth Hickman  Ankeny
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Department: Business Administration
Major: Business Administration

Micah Allen Lange  Mount Pleasant
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Jesse Clifton Linn  West Des Moines
B.A., Central College
Department: Business Administration
Major: Business Administration

Ian Andrew Nelson  Hinsdale, Ill.
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Michael R. O'Donnell  Ames
B.S., Bucknell University;
M.S., Ibid.
Department: Business Administration
Major: Business Administration

Ross Winston Posegate  Ames
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Lin Shen  Ames
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

David Edwin Thalacker  Ankeny
B.S., University of Phoenix
Department: Business Administration
Major: Business Administration

Priyam Tripathi  Lucknow, India
B.Tech., Uttar Pradesh Technical University
Department: Business Administration
Major: Business Administration (Marketing)
(Information Systems)

Scott Walter  Des Moines
B.S., University of Southern California
Department: Business Administration
Major: Business Administration (Supply Chain Management)
MASTER OF COMMUNITY AND REGIONAL PLANNING

Katie Jo Dirks Fonda
B.S., Creighton University
Department: Community and Regional Planning
Major: Community and Regional Planning
Thesis: Sowing seeds for learning: A case study of a school garden in Pocahontas, Iowa

Jasna Hadzic Minneapolis, Minn.
B.Env.D., University of Minnesota-Minneapolis
Department: Community and Regional Planning
Major: Community and Regional Planning
Thesis: Factors that influence physical activity: Exploring the impact of demographic and built environment variables for the communities of Osceola, Independence and West Liberty, Iowa

Jungmin Vermeer Ham Maurice
B.S., Sungshin Women's University; B.S., Hanyang University; M.S., Ibid.
Department: Community and Regional Planning
Major: Community and Regional Planning

MASTER OF EDUCATION

Benjamin James Barkema Muscatine
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Cole Adam Boatright Fairfield
B.A., Buena Vista University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Sally Anna Raye Brown West Des Moines
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Major: Education (Educational Administration)

Robert Kenneth Burnett Des Moines
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Major: Education (Educational Administration)

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Major: Education (Educational Administration)
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Stacie L. De Haan  
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Major: Education (Educational Administration)

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Britt  
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Major: Education (Educational Administration)

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Major: Education (Educational Administration)

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Major: Education (Educational Administration)

Kalyn J. Hansel  
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Major: Education (Educational Administration)

Jennifer Lynn Jacob  
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M.A., Viterbo University  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Administration)

Beverly Lynn Jenkinson  
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Major: Education (Educational Administration)

Barbara Ellen Jennings  
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Major: Education (Higher Education)

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B.S., University of Central Missouri;  
M.A., Webster University  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Administration)

Matthew John Karleskint  
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B.A., Kansas Wesleyan University  
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Matthew Thomas Manson  
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Major: Education (Educational Administration)

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B.A., Buena Vista University;  
B.S., Upper Iowa University  
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Major: Education (Educational Administration)
Richard Wade Montgomery III  Ottumwa
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Major: Education (Educational Administration)

Thomas Allan Mueller  Cedar Falls
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Major: Education (Higher Education)

Ezinwanne Ifeoma Nlenanya  Ames
B.S., University of Nigeria
Department: Curriculum and Instruction
Major: Education (Curriculum and Instructional Technology)

Tasara Alin Ocheskey  Des Moines
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Major: Education (Educational Administration)

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B.S., Iowa State University; M.A., Viterbo University
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Major: Education (Educational Administration)

Tera Rae Pickens  Walford
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Major: Education (Higher Education)

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M.S., Buena Vista University
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Major: Education (Educational Administration)

Susan Lynn Roe  Marshalltown
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Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Shane Michael Roenfanz  Clear Lake
B.S., Minnesota State University-Mankato
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Major: Education (Educational Administration)

Carol Ann Ryerson  Eagle Grove
B.S., University of Wisconsin-Madison
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Mark Timothy Scholes  Oshaloosa
B.A., Aurora University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Sally Denise Shaver  Ames
B.S., Iowa State University; M.A., Minnesota State University-Mankato
Department: Curriculum and Instruction
Major: Education (Curriculum and Instructional Technology)

Janelle Joanne Thompson  West Des Moines
B.S., Upper Iowa University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

C. Renee White  Des Moines
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

**MASTER OF ENGINEERING**

Kaveh Askari Rad  Ames
B.Ach., Sharif University of Technology; M.S., University of Tehran
Department: Industrial and Manufacturing Systems Engineering
Major: Industrial Engineering

Jeremiah David Bristow  Johnston
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Information Assurance
<table>
<thead>
<tr>
<th>Name</th>
<th>City, Country</th>
<th>Degree, University</th>
<th>Department</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kathleen Marie Bronner</td>
<td>Coralville</td>
<td>B.S., State University of New York-Buffalo</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Systems Engineering</td>
</tr>
<tr>
<td>Ying Xu Brown</td>
<td>Ames</td>
<td>B.S., Kunming University of Science and Technology</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Walter Wade Calcutt</td>
<td>Pamplico, S.C.</td>
<td>B.S., Clemson University</td>
<td>Electrical and Computer Engineering</td>
<td>Computer Engineering</td>
</tr>
<tr>
<td>Jonathon C. Creviston</td>
<td>Muncie, Ind.</td>
<td>B.S., Ball State University</td>
<td>Civil, Construction and Environmental Engineering</td>
<td>Civil Engineering (Construction Engineering and Management)</td>
</tr>
<tr>
<td>Daniel James DeBoer</td>
<td>Ireton</td>
<td>B.S., Iowa State University</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Chun Dong</td>
<td>Xinghua, Chian</td>
<td>B.E., Beijing Institute of Technology</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Marcelo Mawuko Edoh</td>
<td>Lome, Togo</td>
<td>B.App.S., Southwest Minnesota State University</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Jason Brian Elliot</td>
<td>Newbery Park, Calif.</td>
<td>B.S., University of Kansas</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Systems Engineering</td>
</tr>
<tr>
<td>Yuan Feng</td>
<td>Shenyang, China</td>
<td>B.E., Shenyang University</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Industrial Engineering</td>
</tr>
<tr>
<td>Clair Robert Franzen</td>
<td>Coggon</td>
<td>B.A., University of Northern Iowa</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Systems Engineering</td>
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<tr>
<td>Jean-Claude Gahamanyi</td>
<td>McDonald, Pa.</td>
<td>Lic., Catholic University of Central Africa; Maitr., Ibid.; M.B.A., East Carolina University</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Industrial Engineering</td>
</tr>
<tr>
<td>Yuanzheng Gong</td>
<td>Luoping, China</td>
<td>B.E., University of Science and Technology of China</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Joshua David Holm</td>
<td>Iliopolis, Ill.</td>
<td>B.S., University of Illinois-Urbana Champaign</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Ahmed Hosny Abdelsaobor</td>
<td>Ames</td>
<td>B.E., Helwan University</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
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<tr>
<td>Ravi Raj Jain</td>
<td>Cedar Rapids</td>
<td>B.Tech., Kanpur University</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
</tr>
<tr>
<td>Zachary P. Kotlarek</td>
<td>La Crosse, Wis.</td>
<td>B.S., Iowa State University; M.B.A., Ibid.</td>
<td>Mechanical Engineering</td>
<td>Information Assurance and Computer Engineering</td>
</tr>
<tr>
<td>Craig Allen Kreman</td>
<td>Tipton</td>
<td>B.A., Wartburg College</td>
<td>Civil, Construction and Environmental Engineering</td>
<td>Civil Engineering (Environmental Engineering)</td>
</tr>
<tr>
<td>Vikram Malhotra</td>
<td>Melbourne, Fla.</td>
<td>B.S., Virginia Polytechnic Institute and State University</td>
<td>Industrial and Manufacturing Systems Engineering</td>
<td>Systems Engineering</td>
</tr>
<tr>
<td>Brandon Jeriel McMillen</td>
<td>Waterloo</td>
<td>B.S., University of Missouri-Columbia</td>
<td>Mechanical Engineering</td>
<td>Mechanical Engineering</td>
</tr>
</tbody>
</table>
Heather Neville McNiff  
Los Alamos, N. Mex.
B.S., Adams State College
Department: Electrical and Computer Engineering
Major: Computer Engineering

Swarna Kumar Padmanabhuni  
Ames
B.E., Osmania University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Structural Engineering)

Daniel Ryan Peterson  
La Crosse, Wis.
B.S., Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering

Brett Alan Pfeffer  
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B.S., Iowa State University
Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering

Anthony Duane Schaefer  
Yankton, S. Dak.
B.S., South Dakota School of Mines and Technology
Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering

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Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering

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B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
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Robert A. Wims  
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Department: Apparel, Educational Studies and Hospitality Management
Major: Family and Consumer Sciences (Apparel, Merchandising and Design)

Jan Denise Burk  
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B.S., Iowa State University
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Major: Family and Consumer Sciences (Family Financial Planning)

Camille Olsen Ellis  
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Major: Family and Consumer Sciences (Family Financial Planning)

Jill Lynn Jones  
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B.A., Hastings College
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences (Gerontology)

MASTER OF FAMILY AND CONSUMER SCIENCES
Jennifer Ann Morfitt
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B.S., Iowa State University
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

Susan Renee Slater
Rotterdam, N.Y.
B.S., State University of New York at Oswego
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences

Vaibhav Narendra Vartak
Ames
B.Tech., University of Mumbai
Department: Apparel, Educational Studies
and Hospitality Management
Major: Family and Consumer Sciences
(Apparel, Merchandising and Design)

Becky Therese Popelka
Cedar Rapids
B.A., Cornell College
Department: Art and Design
Major: Graphic Design
Thesis: Perceptual and emotional response to shape and color: A study for healthcare logo design

Angela Dawn Sebastian
Granger
B.A., Iowa State University
Department: English
Major: Creative Writing and Environment
Thesis: Arrivederci mama: Love songs of a stolen daughter

Becky Therese Popelka
Cedar Rapids
B.A., Cornell College
Department: Art and Design
Major: Graphic Design
Thesis: Perceptual and emotional response to shape and color: A study for healthcare logo design

Paula Kay Streeter
Spirit Lake
B.F.A., Iowa State University;
M.A., Ibid.
Department: Art and Design
Major: Integrated Studio Arts
Thesis: Turned pages/the artist book in the age of technology

Baris Evren
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B.Ach., Gazi University
Department: Political Science
Major: Public Administration

Cheng Peng
Dalian, China
B.Mgmt., Dalian University of Technology
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Major: Public Administration

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Major: Public Administration

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Major: Public Administration

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Major: Public Administration

Jane Marie Erickson
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Curtis Michael Powers
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Major: Public Administration

Michelle Lynn Koch
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Major: Public Administration

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Major: Public Administration

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§ Research Excellence Award
† † Teaching Excellence Award
MASTER OF SCHOOL MATHEMATICS

Clinton James Gentry  
Des Moines  
B.S., Iowa State University  
Department: Mathematics  
Major: School Mathematics

Jody Elizabeth Tomjack  
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B.S., Iowa State University  
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Major: School Mathematics

MASTER OF SCIENCE

Abayomi Abiodun Abatan  
Igbesa, Nigeria  
M.Tech., Federal University of Technology  
Department: Geological and Atmospheric Sciences  
Major: Meteorology  
Thesis: West African extreme daily precipitation in observations and stretched-grid simulations by CAM-EULAG

Ankit Agrawal  
Sewickley, Pa.  
B.Tech., Dhirubhai Ambani Institute of Information and Communication Technology  
Department: Computer Science  
Majors: Computer Science and Human Computer Interaction

Vurtice C. Albright III  
Knox, Ind.  
B.S., Tri-State University  
Department: Entomology  
Major: Toxicology  
Thesis: Investigations into the capabilities of switchgrass to phytoremediate atrazine contamination in surface water runoff

Jeffery T. Alfred  
Ames  
B.S., Iowa State University  
Department: Entomology  
Major: Entomology  
Thesis: Morphological and molecular techniques for the differentiation of myiasis-causing Sarcophagidae

Sarah Elizabeth Atwood  
Urbandale  
B.S., Iowa State University  
Department: Agronomy  
Major: Genetics  
Thesis: Replication protein A and its role in the iron stress response of soybean

Mehd Bagherzadeh  
Tehran, Iran  
B.S., Iran University of Science and Technology  
Department: Computer Science  
Major: Computer Science  
Thesis: Translucid contracts: Expressive specification and modular verification of aspect oriented interfaces

Nathan Robert Charles Bestor  
Clinton, Wis.  
B.S., University of Wisconsin-La Crosse  
Department: Plant Pathology and Microbiology  
Major: Plant Pathology  
Thesis: The effect of fungicides on soybean in Iowa applied alone or in combination with insecticides at two application growth stages on disease severity and yield

Karen E. Bittner  
Ames  
B.S., Iowa State University; B.A., Ibid.  
Department: Psychology  
Major: Psychology  
Thesis: Religiosity and gender ideology as predictors of relationship quality: Mediating effects of relationship commitment

Meher Vani Bojja  
Kolkata, India  
B.S., University of Calcutta; B.A., Ibid.  
Department: Interdisciplinary Graduate Studies (Biological and Physical Sciences)

Patrick Lee Buckwalter  
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B.S., University of Minnesota-Duluth; M.S., Idaho State University  
Department: Agronomy  
Major: Agronomy
David Ray Busch  Fort Dodge  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: A near real-time framework for extracting tip-sample forces in dynamic atomic force microscopy

Jeffrey Alan Buttjer  Charles City  
B.S., University of Northern Iowa  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Jeremy Michael Case  Lee’s Summit, Mo.  
Sarjana Diploma 1&2, Bandung Institute of Technology  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Structural Engineering)  
Thesis: Effect of building geometry on wind loads on low-rise buildings in a laboratory-simulated tornado with a high swirl ratio

Ana Vianey Chavez Santoscoy  Ciudad Obrego, Mexico  
B.S., Instituto Tecnologico de Monterrey  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Thesis: High throughput design of functionalized nanoparticles for targeted vaccine delivery

Senniang Chen  Zhangzhou, China  
B.S., University of Science and Technology of China;  
M.S., Iowa State University  
Department: Statistics  
Major: Statistics

Elizabeth Ann Childs  Charles City  
B.S., Iowa State University  
Department: Agricultural Education and Studies  
Major: Agricultural Education  
Thesis: Impact of school gardens on student attitudes and beliefs

Sonia Chugh  West Des Moines  
B.A., University of Delhi;  
M.S., University of Madras  
Department: Curriculum and Instruction  
Major: Education (Special Education)  
Thesis: Teachers’ perceptions of students with late emerging reading disabilities

Mitchell D. Cline  Johnston  
B.S., Iowa State University  
Department: Geological and Atmospheric Sciences  
Major: Geology  
Thesis: Spatial analysis of Des Moines Lobe washboard moraines using LiDAR data

Joseph Maro Craig  Glenwood  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Brenna Jillian Curley  Golden Valley, Minn.  
B.A., Grinnell College  
Department: Statistics  
Major: Statistics

Shrenik Reddy Devasani  Bangalore, India  
B.E., Visveswaraiah Technological University  
Department: Computer Science  
Majors: Computer Science and Human Computer Interaction  
Thesis: Intelligent tutoring system authoring tools for non-programmers

Katie Jo Dirks  Fonda  
B.S., Creighton University  
Department: Community and Regional Planning  
Major: Sustainable Agriculture  
Thesis: Sowing seeds for learning: A case study of a school garden in Pocahontas, Iowa

Erika Diane Downey  Boonville, Ind.  
B.S., Purdue University  
Department: Animal Science  
Major: Animal Breeding and Genetics  
Thesis: Evaluation of environmental effects on bovine viral diarrhea virus type 2 (BVDV2) antibody levels and response to BVDV2 vaccinations in Angus calves

Julianne Elise Drury  Ballwin, Mo.  
B.S., Iowa State University  
Department: Food Science and Human Nutrition  
Major: Food Science  
Thesis: Inactivation of Salmonella enterica on romaine lettuce following spraying with Pro-San™ - a biodegradable foodgrade sanitizer

§ Research Excellence Award  
† † Teaching Excellence Award
Jeffrey Dean Duda  Marion
B.S., Iowa State University;
B.S., Ibid.
Department: Geological and Atmospheric
Sciences
Major: Meteorology
Thesis: WRF simulations of mesoscale
convective systems at convection-
allowing resolutions

Devin K. Dutilly  Milwaukee, Wis.
B.S., University of Wisconsin-Madison
Department: Food Science and Human
Nutrition
Major: Food Science and Technology
Thesis: Response of Listeria monocytogenes to
high hydrostatic pressure or freeze-thaw
cycles following exposure to selected
environmental stresses

Maria Christina Dzul  Grosse Pointe Farms, Mich.
B.S., University of Michigan-Ann Arbor
Department: Natural Resource Ecology and
Management
Major: Wildlife Ecology
Thesis: Population ecology and monitoring
of the endangered Devils Hole pupfish

Wei Feng  Xianning, China
B.S., Wuhan University
Department: Biochemistry, Biophysics, and
Molecular Biology
Major: Biochemistry
Thesis: Study of the effect of alpha Synuclein
on SNARE-mediated membrane fusion

Jason Travis Fisher  Papillion, Neb.
B.S., Iowa State University
Department: Aerospace Engineering
Major: Engineering Mechanics
Thesis: Validation of a simple go/no-go
damage detection system for personal
ceramic body armor using pressure
sensitive film

Wei Fu  Tianjin, China
B.E., Tianjin University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Keegan Daniel Gartner  Hastings, Minn.
B.S., Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Improved rate and angle estimation
through higher accuracy planar motion
models

Carlos Antonio Gazmuri  Paine, Chile
Licen., Pontifical Catholic University of Chile
Department: Supply Chain and Information
Systems
Major: Seed Technology and Business

Carla Marie Greisen  Cabot, Ark.
B.S., University of Nebraska at Lincoln
Department: Agronomy
Major: Agronomy

Theodore P. Gunther  Muscatine
B.S., Iowa State University
Department: Agronomy
Major: Crop Production and Physiology
Thesis: Establishment of switchgrass in corn
across a landscape gradient:
Establishment, yield, and quality of
biomass feedstock

Kanchan Guntupalli  Bhopal, India
B.Tech., Indian Institute of Technology-
Kanpur
Department: Aerospace Engineering
Major: Aerospace Engineering
Thesis: Development, validation and
verification of the Momentum Source
Model for discrete rotor blades

Douglas Robert Hartwell  Omaha, Neb.
B.S., Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)
Thesis: Laboratory testing of Ultra High
Performance Concrete deck joints for
use in accelerated bridge construction

Chad William Hill  Seward, Neb.
B.S., University of Nebraska at Lincoln
Department: Agronomy
Major: Agronomy

Brian Wayne Housholder  Cantril
B.S., Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: A study on static pressure reset and
instability in variable air volume HVAC
systems
§ Wen-Hua Hsieh	Taipei, Taiwan
B.S., Iowa State University
Department: Human Development and Family Studies
Major: Human Development and Family Studies
Thesis: Effects of intergenerational perceptions on subjective well-being of older adults and their adult children

Cuong Van Huynh	Sioux City
B.S., Iowa State University; B.S., Ibid.
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Performance characterization of a pilot-scale oxygen enriched-air and steam blown gasification and combustion system

Issa Mina Tullah	Des Moines
B.S., Iowa State University
Department: Journalism and Mass Communication
Major: Journalism and Mass Communication
Thesis: Preserving corporate reputation in the social media era

Sidharath Jain	Changdirgh, India
B.Tech., Indian Institute of Technology-Delhi; M.Tech., Ibid.
Department: Electrical and Computer Engineering
Major: Electrical Engineering

Suman Reddy Jillella	Cincinnati, Ohio
B.E., Osmania University
Department: Computer Science
Major: Computer Science

Jiwoong Kim	Jinhae-Si, South Korea
B.Econ., Handong Global University; M.Econ., Yonsei University
Department: Economics
Major: Economics

Jared Andrew Kline	Ankeny
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: Centralized wind power plant voltage control with optimal power flow algorithm

§ Steven Michael Lavrenz	Hiawatha
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Transportation Engineering)
Thesis: Economic analysis of automated electric highway systems for commercial freight vehicles

Vanessa May Kvam	Spring Valley, Minn.
B.A., College of St. Benedict
Department: Statistics
Major: Statistics

Xianyan Kuang	Ames
M.Agron., China Agricultural University; Ph.D., Iowa State University
Department: Genetics, Development and Cell Biology
Major: Bioinformatics and Computational Biology
Thesis: Computational prediction of Ds transposon insertion sites in plants using DNA structural features

Viksit Kumar	New Delhi, India
B.Tech., Motilal Nehru National Institute of Technology
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Hemorrhage correlation with total energy and surface power near opossum skull exposed to pulsed ultrasound

Wenjuan Li	Tianshui, China
B.S., Iowa State University
Department: Civil, Construction, and Environmental Engineering
Major: Civil Engineering (Geotechnical Engineering)
Thesis: Performance assessment of stabilized pavement subgrades

Rachel Elena Lishansky	Ames
Dip., Moscow State University
Department: Geological and Atmospheric Sciences
Major: Geology
Thesis: Multi-stage exhumation history of the Oroopia schist of southern California and southwestern Arizona
Hsiang-Yu Liu, Taichung City, Taiwan
B.S., National Tsinghua University
Department: Materials Science and Engineering
Major: Materials Science and Engineering
Thesis: Dye-sensitized solar cells based on hierarchical flower-like metal oxide semiconductors

Xuejia Lu, Laibin, China
B.E., Nankai University
Department: Computer Science
Major: Computer Science
Thesis: Study on vehicular network application and simulation

Allison Ann Machtemes, Hutchinson, Minn.
B.S., Iowa State University; M.B.A., Ibid.
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Structural Engineering)
Thesis: Investigation of the structural behavior of historical covered timber bridges

Jocelyn Diane Madsen, Des Moines
B.S., Iowa State University
Department: Agricultural and Biosystems Engineering
Major: Industrial and Agricultural Technology

Sri Ramya Mallipudi, Kakinada, India
B.Tech., Jawaharlal Nehru Technological University
Department: Supply Chain and Information Systems
Major: Information Systems

Megan Brianne Manes, Atoka, Tenn.
B.S., Iowa State University
Department: Ecology, Evolution and Organismal Biology
Major: Ecology and Evolutionary Biology
Thesis: Multiple paternity, male reproductive success, hormonal regulation of fertility, and the evolution of lif-histories

Nelson Wanzunula Mangaali, Towson, Md.
B.S., Carnegie-Mellon University
Department: Electrical and Computer Engineering
Majors: Information Assurance and Computer Engineering

Karsten Tait Maurer, Champlin, Minn.
B.A., University of Minnesota-Morris
B.A., Ibid.
Department: Statistics
Major: Statistics

Wellington Wayne Moore, Englewood, Fla.
D.V.M., St. George's University
Department: Biomedical Sciences
Major: Biomedical Sciences (Pharmacology)
Thesis: Directed molecular evolution of fourth-generation cephalosporin resistance in Salmonella and Yersinia

Sayanti Mukhopadhyay, Kolkata, India
B.Con.E., Jadavpur University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Construction Engineering and Management)
Thesis: Identification, assessment and proposing mitigation strategies for the risks involved in operations and maintenance activities on highways - crash data analysis and development of integrated risk management model

Ritu Mundhe, Pune, India
B.Tech., University of Pune
Department: Computer Science
Majors: Computer Science

Sai Giri Teja Myneedu, Kurnool, India
B.Tech., Jawaharlal Nehru Technological University
Department: Electrical and Computer Engineering
Majors: Computer Engineering and Information Assurance
Thesis: Evidence collection for forensic investigation in peer to peer systems

Ian Andrew Nelson, Hinsdale, Ill.
B.S., Iowa State University
Department: Supply Chain and Information Systems
Major: Information Systems

Paul Richmond Nolte, Houston, Tex.
B.S., Colorado Christian University
Department: Psychology
Major: Human Computer Interaction
Ming Ouyang  
Fuzhou, China
B.E., Beijing University of Posts and Telecommunications
Department: Electrical and Computer Engineering
Major: Computer Engineering

Rocky D. Patil  
Palos Hills, Ill.
B.S., University of Nevada-Las Vegas
Department: Veterinary Microbiology and Preventive Medicine
Major: Microbiology
Thesis: Identification and characterization of a toxin-antitoxin system in the pVir plasmid of Campylobacter jejuni

Katherine A. Paulson  
Ottumwa
B.S., Iowa State University
Department: Kinesiology
Major: Kinesiology (Behavioral Basis of Physical Activity)

Rachel Dabney Peacher  
Indian Mound, Tenn.
B.S., Murray State University
Department: Natural Resource Ecology and Management
Major: Sustainable Agriculture
Thesis: Impacts of land use on stream bank erosion in the Northeast Missouri Claypan Region

José A. Pérez Reboredo  
San Juan, Puerto Rico
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Construction Engineering and Management)
Thesis: Electronic collaboration for highway projects under $10 million

Eloisa Ana Pérez-Lozano  
Houston, Tex.
B.S., Iowa State University
Department: Journalism and Mass Communication
Major: Journalism and Mass Communication

Bradley Scott Perkins  
Madrid
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Construction Engineering and Management)

Anicia Nicola Peters  
Rehoboth, Namibia
B.I.T., Polytechnic of Namibia
Department: Supply Chain and Information Systems
Major: Human Computer Interaction
Thesis: The role of dynamic digital menu boards on consumer decision-making and healthy eating

Neha Pilania  
Delhi, India
B.Pth., University of Delhi
Department: Kinesiology
Major: Kinesiology (Behavioral Basis of Physical Activity)
Thesis: Effects of 4 weeks of low intensity hand grip isometric training with vascular occlusion in older adults

Lindsey R. Richey  
Independence, Mo.
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Education
Thesis: The portrayal of the nature of science in upper elementary instructional materials

†† Justin Richard Rilling  
Decorah
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Computer Engineering
Thesis: Persistent monitoring of digital ICs to verify hardware trust

Jessica A. Rohrig  
Orient
B.S., Iowa State University
Department: Agricultural Education and Studies
Major: Agricultural Education

Arianne Dominique Ross  
Marietta, Ga.
B.S., Spelman College
Department: Mathematics
Major: Mathematics

Beth Ann Salemma  
Groton, Conn.
B.S., Providence College
Department: Agronomy
Major: Agronomy

Brian Andrew Salmons  
Orlando, Fla.
B.A., University of South Florida
Department: Interdisciplinary Graduate Studies
Major: Interdisciplinary Graduate Studies (Community Development)
Sara Marie Schmieg  
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Environmental Engineering)

Christopher Daniel Schmitz  
Cedarburg, Wis.  
B.S., University of Wisconsin-Platteville  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: A turbulence-based model for the primary breakup of pressure atomized liquid jets

Eric Tyson Schultz  
Seward, Neb.  
B.S., University of Nebraska at Lincoln  
Department: Agronomy  
Major: Agronomy

Justin Tyler Schultz  
Ollie  
B.S., Iowa State University  
Department: Geological and Atmospheric Sciences  
Major: Meteorology  
Thesis: Numerical simulations of convective initiation failure: 12 June 2002 International H2O Project case study

Michael R. Shimkus  
Ames  
B.A., University of Northern Iowa  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Structural Engineering)

Jo Ann Kosier Simpson  
Sterling, Ill.  
B.S., Purdue University  
Department: Interdisciplinary Graduate Studies  
Major: Interdisciplinary Graduate Studies (Social Sciences)  
Thesis: The diffusion of sustainability activism at an American university

Matthew W. Simpson  
Troy, Mo.  
B.A., Lindenwood University  
Department: Statistics  
Major: Statistics

Laura A. Smalarz  
Agoura Hills, Calif.  
B.A., San Diego State University  
Department: Psychology  
Major: Psychology  
Thesis: Effects of postidentification feedback misinformation on eyewitness memory for the culprit

Avinash Srinivasa  
Bangalore, India  
B.Tech., National Institute of Technology  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Thesis: Multicore architecture-aware scientific applications

Rick A. Stammer  
Muscatine  
B.S., Iowa State University  
Department: Economics  
Major: Economics

Andrew Douglas Steinmetz  
Cedar Rapids  
B.S., Iowa State University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Thesis: Investigation of a novel passivation technique for gas atomized magnesium powders

Anthony Wayne Sublett  
Evans, Ga.  
B.S., Tennessee State University;  
M.B.A., Strayer University-Arlington;  
M.S., Ibid.  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Hongyu Sun  
Jixi, China  
B.Agron., Huazhong Agricultural University  
Department: Animal Science  
Major: Meat Science  
Thesis: Effects of increasing concentrations of corn distiller’s dried grains with solubles on the egg production, internal quality of eggs, chemical composition and nutrients content of egg yolk

§ Pradeep Suriya Narayanan  
Chennai, India  
B.Tech., Anna University  
Department: Food Science and Human Nutrition  
Major: Food Science and Technology  
Thesis: Determination of appropriate concentrations of Stevia sweeteners in vanilla yogurt and effect on viability of yogurt and probiotic cultures

Yuly Suvorov  
West Des Moines  
B.S., Iowa State University  
Department: Computer Science  
Major: Computer Science  
Thesis: A model checking approach for analyzing and identifying intervention policies to counter infection propagation over networks

§ Research Excellence Award
† † Teaching Excellence Award
Sai Kiran Talamudupula  

Hyderabad, India  

B.E., Osmania University  

Department: Computer Science  

Major: Computer Science  

Thesis: Adaptations in electronic structure calculations in heterogeneous environments

Ho Man Tang  

Ames  

B.S., Iowa State University  

Department: Genetics, Development and Cell Biology  

Major: Plant Biology  

Thesis: The brown midrib 2 (bm2) gene of maize encodes methylenetetrahydrofolate reductase

Andrew Joseph Teesdale  

West Branch  

B.S., Iowa State University; B.S., Ibid.  

Department: Sociology  

Major: Sociology  

Thesis: Deprivation model of paranormal belief: Mediation by religiosity and church involvement

Amy Michelle Tentinger  

La Vista, Neb.  

B.S., University of Nebraska at Lincoln  

Department: Statistics  

Major: Statistics

Aaron Lee Thoeming  

Davenport  

B.S., Iowa State University  

Department: Electrical and Computer Engineering  

Major: Electrical Engineering  

Thesis: An investigation into the paintbrush deposition technique for P3HT:PCBM based organic heterojunction solar cells

Jill Ann Thomas  

Marshalltown  

B.S., University of Northern Iowa  

Department: Biochemistry, Biophysics, and Molecular Biology  

Major: Biochemistry  

Thesis: Investigation of an isoprenyl diphosphate synthase from Mycobacterium tuberculosis: Rv0989c

Ye Tian  

Tianjin, China  

B.S., Shanghai Jiaotong University  

Department: Statistics  

Major: Statistics

Susan Ruth VanderPlas  

Spring, Tex.  

B.S., Texas A & M University  

Department: Statistics  

Major: Statistics

Sai Kiran Talamudupula  

Hyderabad, India  

B.E., Osmania University  

Department: Computer Science  

Major: Computer Science  

Thesis: Adaptations in electronic structure calculations in heterogeneous environments

Ho Man Tang  

Ames  

B.S., Iowa State University  

Department: Genetics, Development and Cell Biology  

Major: Plant Biology  

Thesis: The brown midrib 2 (bm2) gene of maize encodes methylenetetrahydrofolate reductase

Andrew Joseph Teesdale  

West Branch  

B.S., Iowa State University; B.S., Ibid.  

Department: Sociology  

Major: Sociology  

Thesis: Deprivation model of paranormal belief: Mediation by religiosity and church involvement

Amy Michelle Tentinger  

La Vista, Neb.  

B.S., University of Nebraska at Lincoln  

Department: Statistics  

Major: Statistics

Aaron Lee Thoeming  

Davenport  

B.S., Iowa State University  

Department: Electrical and Computer Engineering  

Major: Electrical Engineering  

Thesis: An investigation into the paintbrush deposition technique for P3HT:PCBM based organic heterojunction solar cells

Jill Ann Thomas  

Marshalltown  

B.S., University of Northern Iowa  

Department: Biochemistry, Biophysics, and Molecular Biology  

Major: Biochemistry  

Thesis: Investigation of an isoprenyl diphosphate synthase from Mycobacterium tuberculosis: Rv0989c

Ye Tian  

Tianjin, China  

B.S., Shanghai Jiaotong University  

Department: Statistics  

Major: Statistics

Susan Ruth VanderPlas  

Spring, Tex.  

B.S., Texas A & M University  

Department: Statistics  

Major: Statistics

§  Research Excellence Award  

† †  Teaching Excellence Award
Keith Edward Webster  
LaFayette, Ill.  
B.S., University of Illinois-Urbana Champaign  
Department: Agricultural and Biosystems Engineering  
Majors: Industrial and Agricultural Technology and Biorenewable Resources and Technology  
Thesis: Single-pass corn stover harvest system productivity and cost analysis

Matthew John Wilmers  
Omaha, Neb.  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Meiguan Yan  
Jinjiang, China  
B.S., East China Normal University;  
M.S., Iowa State University  
Department: Supply Chain and Information Systems  
Major: Information Systems

Haifeng Yang  
Ames  
B.S., Tianjin University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering

Weijie Yu  
Jiaxing, China  
B.E., Shanghai University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Thesis: Preparation of thermoelectric nanocrystals for energy applications

Jian Zeng  
Ames  
B.A., China Agricultural University  
Department: Animal Science  
Major: Animal Breeding and Genetics  
Thesis: Genomic selection of purebred animals for crossbred performance under dominance

Zhiwei Zhai  
Ames  
B.S., University of Science and Technology;  
Ph.D., Iowa State University  
Department: Statistics  
Major: Statistics

Yue Zhao  
Shanghai, China  
B.E., Shanghai Jiaotong University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

Peihan Zhong  
Jiaxing, China  
B.E., Huazhong University of Science and Technology  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Thesis: Automated kinesthetic trainer enhances kinesthetic memory development

Fuchao Zhou  
Harbin, China  
B.E., Tonji University;  
M.E., University of Shanghai for Science and Technology  
Department: Computer Science  
Major: Computer Science  
Thesis: Mobile personal health care system for patients with diabetes

Lei Zhu  
Beijing, China  
B.A., Capital University of Economics and Business  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: A comparative analysis on relationship maintenance strategies between official state tourism Websites and online travel agencies’ Websites in the U.S.

Yi Zou  
Hangzhou, China  
B.A., Zhejiang University  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Hospitality Management
CANDIDATES FOR DEGREES
FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural and Life Sciences Education

| * Sara Goemaat | Belmond       | Rachel Jane Myers | Waukon          |
|* Kristine Marie Harms | Anamosa       | Sarah Christine Parr | Van Horne       |
|Britney Jean Heim     | New Albin     | Karl Luther Renander | Red Oak        |
|Samantha Kay Holland  | Huxley        |                       |                |

Curriculum in Agricultural Biochemistry

* Laura Ruth Funk       Shelby Township, Mich.

Curriculum in Agricultural Business

| Chad Alan Alesch      | Marcus       | Tyler John Maynard   | Smithland       |
|Weston Kevin Brummer  | Indianola    | Mitchell Louis Meinke| Goldfield       |
* Carly Ann Cummings   | Pleasantville| Alecia Dawn Moser    | Garden Grove    |
|Jason Wyatt Dubberke  | Hubbard      | Cody DeLon Newgard   | Estherville     |
|Pamela Anne Griffin   | Postville    | Ross Edward Payne    | Decorah         |
** Barton James Howard | Muscatine    | Alan Dale Peachey    | Garden Grove    |
|Ashley Kareen Kitzman | Beaman       | Ashley Marie Radcliff| Long Grove      |
|Zhaoqun Kong          | Des Moines   | James Michael Terry  | Clive           |
|Jason Lance Kuhlmann  | Ute          | Korey Lee Wise       | Paullina        |
** Drew Alan Lietz     | Alta         |                       |                |

Curriculum in Agricultural Studies

| Kevin Wayne Anderson | Altoona   | Kati Lyn Nolting    | Waukon         |
|Tanner Lee Bohman    | Alexander | Daniel Dean Poduska | Chelsea        |
|David Joseph Burmeister | Logan | Calvin William Pudenz | Carroll        |
|Jesse James Deardorff | Ames     | Lily Catherine Randleman | Solon        |
|Chance Reid Ferguson | Laurens   | Daniel M. Schaa     | Kamrar         |
|Logan Lee Ferguson   | New Sharon| Heidi Ann Schaben  | Dunlap         |
|Brett Jacob Hansen   | Burt      | Devin Lynne Sienknecht | Clutter      |
|Brad William Hoover  |           |                       |                |
|Shelby Ann Johnson   | Osage     |                       |                |
|Ashley Lynn Loes     | Bernard   |                       |                |
|Michael Patrick McEnany | Nevada |                       |                |
|Patrick Grady McGregor | Nashua |                       |                |
|Andrew John Noland   | Adair     |                       |                |

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Agricultural Systems Technology

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitchel Lee Giesking</td>
<td>Lakota</td>
</tr>
<tr>
<td>Luke Caleb Hodnefield</td>
<td>Radcliffe</td>
</tr>
<tr>
<td>Jon M. Jay</td>
<td>Columbus Junction</td>
</tr>
<tr>
<td>Clinton Dodd Luellen</td>
<td>Minburn</td>
</tr>
<tr>
<td>Eric Michael Mensen</td>
<td>Adel</td>
</tr>
<tr>
<td>Karl Jacob Moritz</td>
<td>Pulaski</td>
</tr>
<tr>
<td>Christopher John Murphy</td>
<td>Sheldon</td>
</tr>
<tr>
<td>Luke Marcus Schlitzer</td>
<td>Dubuque</td>
</tr>
<tr>
<td>Tucker M. Seyb</td>
<td>Donnellson</td>
</tr>
<tr>
<td>Kiley Robert Swanson</td>
<td>Dayton</td>
</tr>
<tr>
<td>Cody Allen Van Drie</td>
<td>Sheldon</td>
</tr>
</tbody>
</table>

### Curriculum in Agronomy

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Komlan Senam Avochinou</td>
<td>Ames</td>
</tr>
<tr>
<td>Nicholas Dean Bruss</td>
<td>Fort Dodge</td>
</tr>
<tr>
<td>Tyler James Clark</td>
<td>Leets</td>
</tr>
<tr>
<td>Jason Douglas DeBruin</td>
<td>Leighton</td>
</tr>
<tr>
<td>Ashley Kaye Dermody</td>
<td>Williamsburg</td>
</tr>
<tr>
<td>Joslin D. Ferguson</td>
<td>New Sharon</td>
</tr>
<tr>
<td>Joshua Lawrence Hunziker</td>
<td>Williamsburg</td>
</tr>
<tr>
<td>Robert L. Maynard</td>
<td>Rodney</td>
</tr>
<tr>
<td>Jacob Leo McCormick</td>
<td>Waterville</td>
</tr>
<tr>
<td>Aaron Wayne Rice</td>
<td>Ankeny</td>
</tr>
<tr>
<td>Lindsey Kay Rock</td>
<td>Ames</td>
</tr>
<tr>
<td>** Kiley Robert Swanson</td>
<td>Ankeny</td>
</tr>
<tr>
<td>Michael Lee Wormley</td>
<td>Newton</td>
</tr>
</tbody>
</table>

### Curriculum in Animal Ecology

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danielle Sue Axline</td>
<td>Lowden</td>
</tr>
<tr>
<td>Shane Michael Bingham</td>
<td>Melcher-Dallas</td>
</tr>
<tr>
<td>Braden Christopher Boydston</td>
<td>Ames</td>
</tr>
<tr>
<td>Kristin Marie Cameron</td>
<td>Council Bluffs</td>
</tr>
<tr>
<td>Zachary Micheal Deutmeyer</td>
<td>Delhi</td>
</tr>
<tr>
<td>Dillon James Drew</td>
<td>Hampton</td>
</tr>
<tr>
<td>Melanie Paige Firkins</td>
<td>Ames</td>
</tr>
<tr>
<td>Travis Alan Graves</td>
<td>Marion</td>
</tr>
<tr>
<td>Corey Eugene Johnson</td>
<td>Stillwater, Minn.</td>
</tr>
<tr>
<td>Desiree Jay Kenney Kingly</td>
<td>Newton</td>
</tr>
<tr>
<td>Adam James Kulow</td>
<td>Iowa Falls</td>
</tr>
<tr>
<td>Joshua James Meggers</td>
<td>Dow City</td>
</tr>
<tr>
<td>Brett Jeffrey Meyer</td>
<td>New Albin</td>
</tr>
<tr>
<td>Jacob William Miller</td>
<td>Rudd</td>
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<tr>
<td>Joshua Eugene Mitchell</td>
<td>Schleswig</td>
</tr>
<tr>
<td>Jacob Lee Myrthe</td>
<td>Schaller</td>
</tr>
<tr>
<td>Hayley Rebecca Pietsch</td>
<td>Marshalltown</td>
</tr>
<tr>
<td>Stacie Renee Reed</td>
<td>Grinnell</td>
</tr>
<tr>
<td>Linnea Rebecca Sailer</td>
<td>Ames</td>
</tr>
<tr>
<td>Sara Joanna Sprecher</td>
<td>Boone</td>
</tr>
<tr>
<td>Sarah Michelle Thomsen</td>
<td>Cumberland</td>
</tr>
<tr>
<td>Landon Alex Wenger</td>
<td>Elgin</td>
</tr>
</tbody>
</table>

### Curriculum in Animal Science

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jalane Marie Alden</td>
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<td>Michaela Spring</td>
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<td>Samantha Teresa Wozney</td>
<td>Muscatine</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Biology

| * Hiwot Abebe | Ames | Leslie Ellen Lloyd | Amboy, Minn. |
| * Jaclyn Denise Collins | Oswego, Ill. | Sara Jane Luchtel | Spirit Lake |
| Bethany Ruth Drury | Nevada | Jack Andrew Roach | West Des Moines |
| Mark Gregory Goering | Agency | Edward T. Shields | Willingboro, N.J. |
| Martin Anthony Gross | Logan | Ashton Paige White | Vinton |
| Hillary Christina Horst | Bristow | | |

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### Curriculum in Dairy Science

| Hannah Rebecca Gesing | Waukon | Jacob James Petersen | Knoxville |
| Hillary Christina Horst | Bristow | Shawn W. Sperflsage | Aurora |

### Curriculum in Dietetics

| Kylie Nicole Harmison | Indianola | |

### Curriculum in Environmental Science

| Craig Lowell Crowther | Cedar Rapids | Michelle Lynne Rundle | Humboldt |
| Joshua Jeffery Grindeland | Brookfield, Wis. | Kok Chuin Tam | |
| Deena L. Orr | Missouri Valley | Jill Nicole Thomann | Ainsworth |
| Alex James Randall | Woodward | | |

### Curriculum in Forestry

| Nicholas Dean Bruss | Fort Dodge | ** Barton James Howard | Muscatine |
| Jessica Jo Hepker | | Lucas Daniel Wagner | Marion |

### Curriculum in Genetics

| Mary Ann Alvarez | Miami, Fla. | * Erica Kay Schnettler | Sartell, Minn. |

### Curriculum in Global Resource Systems

| Amber Ann Seitz | Spillville | **† Claire Elise Wandro | Des Moines |

### Curriculum in Horticulture

| Tyler Jon Alexander | Cedar Rapids | Bradley Jay Larson | Marion |
| Maxwell James Bloomquist | Fruitland | Kenneth Gene McCabe | Minburn |
| Brock Andrew Bolliar | Prophetstown, Ill. | Derrick Lee Peterson | Wapello |
| Joshua Johnson Conner | Bettendorf | Rick Andrew Shea | Primghar |
| Robert P. Eland | Keosauqua | Darriane Auria Sta Romana | Charles City |
| Brandon Michael Fick | Columbia, Mo. | Seth J. Triplett | Ankeny |
| Jeffrey Daniel Houk | Ames | Jason David Van Engen | Primghar |
| Andrew Jacob Koppes | Monmouth | Jeff Daniel Visser | Hull |
| Rachel AnnMarie Kreis | Waterloo | | |
## Curriculum in Industrial Technology

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<td>Joel D. Boggs</td>
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## Curriculum in Microbiology

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<td>Melika Budimlic</td>
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## Curriculum in Public Service and Administration in Agriculture

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<tr>
<td>Justin Roy Saenz</td>
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## Multiple Curricula and Majors

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<td>Benjamin Merrill Carlson</td>
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<tr>
<td>Agricultural Studies and Environmental Studies</td>
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<td>Linley Anna Davidson</td>
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<td>Agricultural Business and Liberal Arts and Sciences: Major in Economics</td>
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<td>Animal Ecology and Environmental Studies</td>
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<td>** Ning Zhang</td>
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<tr>
<td>Environmental Science and Liberal Arts and Sciences: Major in Geology</td>
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Candidates for Degrees from the College of Business

Bachelor of Science
Curriculum in Business

Major in Accounting

Brittany Rose Borrill
Angie Marie Bunde
Kyle W. Debner
Matthew Bennett Deike
** Erin Colleen Donnelly
*** Courtney Nicole Ekeler
Ace Carter Ethridge
Lindsay May Frederiksen
Paul Michael Graven
*** Angela Christine Hodges
Ethan Michael Hopkins
* Stephen Wayne Janicek
Amanda Elizabeth Jaworski
* Alec Jeffrey Kestel
Joel Limo Kosgey
Jory Dee Krueger
Yi Liu
Bridget Lynn Michels
Herbert Nsimba Nzailu

Ames
Stewartville, Minn.
Ankeny
Mason City
Clinton
Creston
Baxter
Pocahontas
Chanhassen, Minn.
Des Moines
Eagan, Minn.
Ankeny
Storm Lake
Eldoret, Kenya
Urbanbale
Shanghai, China
Arden Hills, Minn.

Rebecca Sue Pencook
Suzanne Marie Petersen
Nolan Brian Potthoff
Wenting Qi
Laura Elizabeth Reger
Mychelle Lowelle Richter
-varinda Satija
Erin Colleen Donnelly
Brittney Leann Sweeney
Peng Tang
Leesa Renae Tjernagel
Laura Christine Twedt

Des Moines
Gowrie
Manning
Ames
Ames
Lime Springs
Mandi Gobindgarh, India
Clinton
Granger
Maanshan, China

Major in Business Economics

Tiong Heng Lim
Johor Bahru, Malaysia

Major in Finance

Heather Sue Bartlett
** Kelsey Elizabeth Beck
* Ying Bi
Christopher John Boden
Angie Marie Bunde
Weiqi Cao
Benjamin David Dobbs
Wei Dong
Samantha Marie Dubert
Danyelle Anita Rustad Freeman
Yao Fu
Michael Anthony Dominic Galloway
Jesse Robert Gieseke
Yujie Guan
Ryan James Hanrahan
Jordan Scott Hinkeldey

Boone
Iowa City
Shenyang, China
Overland Park, Kans.
Stewartville, Minn.
Shanghai, China
 Ames
China
Ogden
Saint Ansgar
Altoona
Rizhao, China
Bettendorf

Kyle Allen Hoey
Jakob Lee Johnson
Jared Allen Leeper
Allen Ruofan Li
Garrett Palmer Long
Kevin W. Neff
Michael Joseph Nelson, Jr.
John Thomas Nelson-Breckenridge
Erik Clarke Nilius
Keri Christina Nyguard
Gabrielle Marie Putzier

Harvard, Ill.
West Des Moines
Nevada
Cedar Rapids
Hawthorn Woods, Ill.
Minburn
Des Moines
Ankeny
Ankeny
Leland
Boone
Ames

*$ Cum Laude
** $ Magna Cum Laude
*** $ Summa Cum Laude
† Honors Program
### Major in Logistics and Supply Chain Management

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### Major in Management

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### Major in Management Information Systems

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### Major in Marketing

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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Brian Walter Hagen  Jefferson
Tyler John Hendricks  Maple Grove, Minn.
Sara Rae Huber  Clear Lake
Ashley Lauren Jackson  Urbandale
Ashley Lyn Kadlec  Cedar Rapids
Trevor Lee Kilstrom  Marshalltown
Cailey Janelle Lantz  Germantown Hills, Ill.
* Whitney Rachel Lenz  Waverly
Allen Ruofan Li  Cedar Rapids
Megan Marie Lovich  Bettendorf
Michelle Renee Olinger  Ankeny
Jilna Ashwin Parmar  Tanzania
Suzanne Marie Petersen  Gowrie
Casey Daniel Petrashek  Madison, Wis.
Nicholas J. Pfantz  Melbourne
Minh Quach Ky Pham  Mount Pleasant
Matthew D. Prane  Ames
Sara Jean Ripke  Manning
Kelsey Skildum  North Oaks, Minn.
* Amber Erin Smith  Fort Atkinson
William Baron Soeryadi  Jakarta, Indonesia
Duncan Reece Stephens  Leawood, Kans.
Ashvin Sudhaharan
Kristiaan Kyle Swinton  San Diego, Calif.
Tyler Timothy Walker  Rembrandt
Meredith Gayle Young  Des Moines
Joseph Michael Zwolinski  Saint Charles, Ill.

Major in Operations and Supply Chain Management

Amanda Jo Roberts  Ceylon, Minn.
Marco Vinicio Roche  Waterloo

Major in Supply Chain Management

Samuel Gerritt Bricker  Runnells
Josh Aaron Crim  Boone
Tri M. Duong  Des Moines
Erin Marie Goldsmith  Earlville
* Michael John Kirkus  New Hampton
Carlos Joseph Kotlarz  Fort Dodge
* Sue Yen Lim  Malaysia
Katherine Leanna Loose  Davenport
Katie Lynn Lundstrom  Ames
Kyle Robert Nielsen  Storm Lake
Andrew Wayne Soder  Boone
Tony Michael Wulkow  Urbandale

Multiple Curricula and Majors

Lindsey Kay Abbas  Ackley
Marketing and Management
Kelly Virginia Austin  Cedar Rapids
Management Information Systems and Logistics and Supply Chain Management
Paul David Budreau  Shorewood, Minn.
Logistics and Supply Chain Management and Finance
Jennie Ann Bunkofske  Webster City
Marketing and Liberal Arts and Sciences: Major in Advertising
* Theresia Louise Carrier  Clear Lake
Marketing and Management
* Kendall Allen Craven  Rochester, Minn.
Finance and International Business
Clinton John Lehman Currie  Mount Vernon
Marketing, International Business, and Liberal Arts and Sciences:
Major in World Languages and Cultures (Spanish)
Robert Lee Daniels  West Des Moines
Management and Marketing
Elissa Ann Darling  Ankeny
Accounting and Finance
* Sarah Juanita Davis  Hampton
Marketing and Supply Chain Management
Siyan Diao  Harbin, China
Logistics and Supply Chain Management and Marketing
Anthony Joseph Diaz  Des Moines
Logistics and Supply Chain Management and Marketing
Wenhua Ding  Marketing and International Business
Joseph Donald Drey  Red Oak
Accounting and Marketing
Joe Robert Eisenbacher  Carroll
Finance and Marketing

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
*** Emily Kay Evans
Maquoketa
Accounting and Liberal Arts and Sciences:
Major in French

*** Xian Fei
Suzhou, China
Finance and Accounting

James E. Fitzgerald
Nevada
Finance and Marketing

* Cara K. Fox
Council Bluffs
Marketing and Management

Eric Andrew Hall
Saint Paul, Minn.
Accounting and Finance

Eric Porter Hall
Elkhart
Management and Marketing

Steven Gary Hall
Manilla
Management and Marketing

Katelynn Marie Hogenson
Muscatine
Management and Marketing

Justin David Holm
De Witt
Management and Finance

Lael Jean Johnson
Dunkerton
Logistics and Supply Chain Management
and Liberal Arts and Sciences:
Major in History

Cameron Lee Junion
Bettendorf
Management and International Business

Katlyn Ann Ketterling
Spencer
Finance and Marketing

Josh A. Kintz
Johnston
Logistics and Supply Chain Management
and Marketing

**† Katie Anne Koser
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Accounting, International Business, and
Liberal Arts and Sciences: Major in Spanish

* Meaghan Marie Loebig
Stevenson Ranch, Calif.
Marketing, International Business, and
Liberal Arts and Sciences:
Major in International Studies

* Kuang-Yao Lu
Taichung, Taiwan
Accounting and Finance

Shane Robert Manfull
Toledo
Management and Marketing

Jacque Lynn Manternach
Cascade
Marketing and Management

Kelsey L. Maxfield
Sergeant Bluff
Marketing and Logistics and Supply Chain
Management

** Nicholas Ray Murray
Waterloo
Marketing and Management

Elise Marie Pederson
Eagan, Minn.
Marketing and Finance

Brigitte Elise Reinig
Milford
Marketing and Supply Chain Management

Daniel C. Renner
Weston, Mass.
Marketing and Management

Jonathan Mark Schnorr
Minnetonka, Minn.
Finance and Liberal Arts and Sciences:
Major in Mathematics

* Alton Andrew Smith
Duluth, Minn.
Logistics and Supply Chain Management
and International Business

Tyler Frank Smith
Carson
Management and Marketing

Charles Dustin Strawn
Saint Charles
Management Information Systems and
Accounting

Andrew Christopher Thompson
Bettendorf
Marketing and Supply Chain Management

Christina M. Vilches
Hinsdale, Ill.
Marketing and Liberal Arts and Sciences:
Major in Advertising

Gretchen Kay Vogel
Saint Peter, Minn.
Business Economics and Finance

* Mason A. Wells
Marketing and Management

Kelly Ann Wilson
Fort Dodge
Accounting, International Business, and
Liberal Arts and Sciences:
Major in International Studies

Can Xin
Chengdu, China
Marketing and Management

Zehua Xu
Finance and Accounting

Eric Z. Zhuang
Charles City
Finance and Business Economics
CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

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<td>Tomás M. Aguilar</td>
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<td>Peter Daxdaniel Cilek</td>
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<td>*† Jie Tian</td>
<td>Chongqing, China</td>
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<td>*† Xiaoyun Mao</td>
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<td>*† Sydney Michelle Protheroe</td>
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Multiple Curricula

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Architecture and Environmental Studies

BACHELOR OF ARTS

Curriculum in Art and Design

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<td>Tatyana Bogdanova</td>
<td>Johnston</td>
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<td>Weiqi Chu</td>
<td>Ames</td>
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<tr>
<td>Leslie Day</td>
<td>Ames</td>
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<td>* Caitlin Ashley Divelbess</td>
<td>Minden</td>
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<td>Sara Anne Eimers</td>
<td>Des Moines</td>
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<td>Jessica Elizabeth Heiman-Howard</td>
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<td>Daniel Lowell Larson</td>
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<td>Nathan Wesley Pontier</td>
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<td>Ryan A. Smart</td>
<td>Spokane, Wash.</td>
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<td>April Christine Wolf</td>
<td>Algona</td>
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Multiple Curricula and Majors

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<td>Carolyn Loretta Zuendel</td>
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BACHELOR OF FINE ARTS

Curriculum in Graphic Design

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<td>Matthew John Gearhart</td>
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<td>Chad Carl Lewis</td>
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<td>Kelley Christine Nelson</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Curriculum in Integrated Studio Arts

Anna Kathryn Blake  Stockton
Matthew T. Chouteau  Davenport
Andrew Ralston Corum  Pella
Kimberly Nicole Hampton  Ames
** Bethany Joy Johnson  Grimes
Kelsey Angelina Keiran  Des Moines
Paul R. Klippel  Waterloo
Tyler Scott Kuster  Burlington

Mariah Jade Marquis  Des Moines
Jacob Michael Marti  Story City
Lindsey Marie Massey  Waukee
Daniel A. Neubauer  Golden Valley, Minn.
Jason Ray Rozevink  Hubbard
Emily Ruth Van Nostrand  Vincent
Jessica Leilani Cecelia Villegas  Johnston

Curriculum in Interior Design

Jerrica Leigh Bein  Davenport

BACHELOR OF LANDSCAPE ARCHITECTURE

Curriculum in Landscape Architecture

Jonathan David Nelsen  Middleton, Wis.

** Paola Evelyn Sepulveda  Santa Barbara, Calif.

BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Rucha Kishor Agnihotri  Ahmedabad, India
Taylor Christine King  Independence
Jason Michael Knox  Cedar Falls

Zachary John Kopriva  Traer
Colin Matthew Robin  Coralville

Multiple Curricula

Ivan Guillermo Gonzalez  Columbus Junction
Community and Regional Planning and International Studies

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
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Curriculum in Aerospace Engineering

*** Jordan Michael Boedeker Lawler
Nicholas William De Groot West Des Moines
* Matthew Bahr England Andrew
Michael Daniel Gerken Omaha, Neb.
Dusty Joseph Gutmman Emerson, Neb.
** Mark Benjamin Jackson Cedar Falls
** David William Klassman Elk Grove, Ill.
** James Duane Kleveland Fertile
Nathan Gull Lenes De Witt
Joshua Charles Leonard Clinton
***† Charles Blair Lockin Dubuque
Tristan Lewis MacLeod Dubuque
Matthew Brendan Magnifico Elk Grove, Ill.
** Austin Scott McCann West Des Moines

Max James McCorkek Eden Prairie, Minn.
John Paul Moellers Greene
* Angela Wambui Mugenda Nairobi, Kenya
Tanner David Munson Council Bluffs
Amy Lynn O’Dell Woodridge, Ill.
Roshani K. Patel Hanover Park, Ill.
Sean Michael Pierce Eagan, Minn.
Jared Frances Ross Bloomington, Minn.
Adam Lynn Smith Farmersburg
John Edward Symonds Yigo, Guam
Andrew Charles Voge Champlin, Minn.
Shun Yoshida Kimitsu, Japan
Marcus Randall Zellmer Blooming Prairie, Minn.

Curriculum in Agricultural Engineering

Luke Douglas Applegate Oakland
David Lee Christensen Albert City
Jarred Michael Crall Albia
*** Jeremy Paul Elsbernd Decorah
*** Patrick T. Gent Wellman
Kristine Helen Gleason Solon

Nicholas Duane Grandfield Lorimor
David Arden Greiner Colo
William Scott Marshall Modale
James V. Sweeney Alden
David Anthony Westhoff Dyersville

Curriculum in Biological Systems Engineering

Wade Maurice Sitzmann Kingsley

Curriculum in Chemical Engineering

Brendan Alexander Babcock Ames
* Christine Marie Bauer Maple Grove, Minn.
Samantha Rae Beary Ottumwa
Eric Samuel Berger Crystal Lake, Ill.
*** Elliot James Combs Dubuque
Elizabeth Anne De Hoedt Cedar Rapids
* Lars Erick Ellingson Decorah
Daniel Barry Fisette Newton
† Andrew Joseph Ford West Des Moines
† Yu Gao Siping, China
Alan E. Graves Downers Grove, Ill.
Joshua Allen Hernandez Chanhassen, Minn.
Hubert Jie Jakarta, Indonesia

** John Robert King Essex
Nicole Jo Larson Garner
Amanda Carol Machacek Woodbury, Minn.
Ryan Kenneth Mumm Dunlap
James Donald Ortiz Council Bluffs
Jesse A. Pullen Johnston
Trent Michael Ray Ankeny
Amy Lynn Srokka Wheeling, Ill.
Alene Ann Vandermyde Morrison, Ill.
Matthew Theodore Vander Werff Orange City
Nicholas David Wetzel Cedar Falls
Jeffery Allan Wilson Fulton, Ill.
Lee Ping Yeo Johro Bahru, Malaysia

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Curriculum in Civil Engineering

Saif Khalid Al Thehli  
Abu Dhabi, United Arab Emirates
*** Vishal Deepak Bakshi  
Fairfield
*** Theodore David Bechtum  
Riceville
Mark Anthony Berns  
Monona
Zachary Alan Bonzer  
Charles City
Alexandra Geraldine Bruns  
Duluth, Minn.
Lacy Marie Croell  
Sundance, Wyo.
Jordan Paul Denman  
Earham
Tyler James Eldridge  
Sioux City
Lucas D. Fatka  
Paton
David Richard Fiehler  
Waterloo
Rachel Emily Franz  
Maple Grove, Minn.
** Michael Steven Hahn  
Carroll
Nasser Majed Hammoudah  
Ams
Justin S. Harland  
West Chester
Paul Erik Hart  
Cedar Falls
Ryan Jonathan Hirst  
Carpentersville, Ill.
Nicholas Christopher Jackson  
Sioux City
* Jared Alan Johnson  
Creston
Andre Alexander Jungermann  
Oswego, Ill.
* Andrew Robert Kilpo  
Duluth, Minn.
** Jared Adrian Kool  
Hawarden
Tyler John Lage  
Sheffield
Paul Anthony Ledtje  
Muscatine
Sean Michael Leeper  
Camanche
Nathan Louis Lentz  
Alta Vista
** Yuling Liu  
Baiyin, China
Michael Darrel Marshall  
Norwalk
*** Nathan Donald Meisgeier  
Manchester
* Sarah Lynn Mestad  
Blooming, Minn.
Nathaniel Z. Miller  
Seward, Neb.
** Ethan Jerrod Morgan  
New Hampton
Carolanne Elizabeth Norris  
Indianola
David Brian O’Loughlin  
Independence
*** Eu Nee Ong  
Seremban, Malaysia
Augustin John Palumbo  
Homewood, Ill.
William Douglas Schmitt  
Marion
Colin Michael Schroeder  
Davenport
Joshua Joe Showalter  
Kalona
Andrew David Stika  
Cresco
Zachary Allan Thompson  
Ledyard
Chris Louwrens van Jaarsveld  
Eagle Grove
Joshua Arnold Werner  
Holstein
** Nathan Steven Willey  
Ames
Wei Zhang  
Lanzhou, China
Yang Zhang  
Lu’an, China

Curriculum in Computer Engineering

Edward T. Cramer  
Milwaukee, Wis.
Christopher Robin Daly  
Bloomington, Minn.
Arthur M. Fiester  
Cedar Rapids
Tasewell Jackson Fox  
Des Moines
*** Harsh Goel  
Meerut, India
Robert D. Goetz  
Wheaton, Ill.
* Shishir Gupta  
New Delhi, India
Brenton Eugene Hankins  
Ankeny
Richard Edward Hanton  
Arden Hills, Minn.
Collin Joseph Howe  
Cedar Rapids
Davendra Jayasingam  
Seremban, Malaysia
Anthony James LoBono  
Woodstock, Ill.
Jonathan Raymond McKee  
Urbana
Deogratius Emil Mpinge  
Des Moines
James Nathan Mueller  
Columbia, Mo.
Jacob Samuel Rasmussen  
Minneapolis, Minn.
* Charles D. Ristau  
Fort Dodge
Daniel Lee Sedam  
Davenport
Victor E. Villagomez  
Cedar Rapids
Theron Rees Worthington  
Ames
Chen Zhao  
Ames

Curriculum in Construction Engineering

** Daniel Amos Blake  
Ontonagon, Mich.
Zakary Alan Cole  
Council Bluffs
Steffan Pierce Custer  
Lenox
Kyle Raymond Deeney  
Plymouth, Minn.
Ryan Williams Dickey  
Johnston
Lauren Marie Fleming  
Auburn, Wash.
Tyler Dean Frank  
Earham
Grant August Hagen  
Cedar Rapids
Brittany Rae Horak  
Crawfordsville
Ryan Michael Kearines  
Des Moines
Sungwoo Kim  
Gwangju, South Korea
Erik D. Klinsky  
Cedar Rapids
Coleman Salvatore Lange  
Willowbrook, Ill.
Joseph Kevin Letchford  
Libertyville, Ill.
Alexander John McBride  
Omaha, Neb.
Joshua Andrew McNab  
Galena, Ill.
Paul Grant Merkle  
Shoreview, Minn.
Justin Todd Moffitt  
Plymouth, Minn.
Matthew Michael Murphy  
Gilroy, Calif.
* Ryan Michael Nelson  
Urbana
Emily S. O’Keefe  
Des Moines
Bryan Perry  
Palatine, Ill.
Shawn Thomas Rasmussen  
Plymouth, Minn.
Brendon Daniel Reiff  
Waukee
Justin Christopher Roeglin  
Waukesha, Wis.
Brian Robert Rucka  
Hoffman Estates, Ill.
Alex Joseph Spencer  
Iowa City
Alexander Peter Wright

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Electrical Engineering

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td><strong>Mohd Tariq Azmy</strong></td>
<td>Kuala Lumpur, Malaysia</td>
</tr>
<tr>
<td><strong>Hassan Abdulmagid Burawi</strong></td>
<td>Tripoli, Libya</td>
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<tr>
<td><strong>James Edward Grabner</strong></td>
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<tr>
<td><strong>Joseph P. Grady</strong></td>
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<td><strong>Jared Douglas Hagemann</strong></td>
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<td><strong>Michael Allen Healy</strong></td>
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### Curriculum in Industrial Engineering

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<tr>
<td>Jennifer Ann Blasy</td>
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<td>Olivia Margaret Elizabeth Brown</td>
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### Curriculum in Materials Engineering

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<td><strong>Austin Bradley Cudworth</strong></td>
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### Curriculum in Mechanical Engineering

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<td>Benjamin Lee Adams</td>
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<td>Charlotte</td>
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<td><strong>Allen John Kassen</strong></td>
<td>Chanhassen, Minn.</td>
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<td><strong>Todd Arnold Kingston</strong></td>
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* Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
† Honors Program
Michael R. Lynch  
Lake Elmo, Minn.

Edward Nicklaus Malek  

Alyssa Marie Mantz  
Carlisle

Blake William McCalphin  
Russell

Brian Joseph McDonald  
Ames

Almir Melkic  
Waterloo

Dennis Michael Miller  
Saint Louis, Mo.

Matthew Dale Miller  
Marshalltown

Brandon Erwin Mogensen  
Cleghorn

Brandon Todd Murphy  
Cottage Grove, Minn.

Louis Eugene Nauditt  
Lexington, Ala.

Joseph Robert Nielsen  
Öskaloosa

Nicholas Steven Ninneman  
Hortonville, Wis.

Michael John O’Brien  
Donahue

Kody Edward Oppedahl  
Renwick

Jordan R. Pascale  
Aurora, Colo.

Jared Dean Peterson  
Johnston

Jeffrey David Peterson  
Chesterfield, Mo.

Spencer L. Pfeifer  
Wayland

Alex Lloyd Preston  
Marshalltown

Christopher Daniel Radke  
Dubuque

Beau Jordan Rahbusch  
Sutherland

Kayce A. Rich  
Omaha, Neb.

Meisha Nicole Rosenberg  
Des Moines

Jordan Joseph Ruby  
Marion

Jason Thomas Rueschhoff  
Omaha, Neb.

Stefanie Lynn Schwalbe  
Kansas City, Mo.

Gregory Valdez Schwamman  
Wichita, Kans.

Abdu Jaffar Shaikh  
Mason City

Scott Jefferey Simmons  
Norwalk

Michael Charles South  
Council Bluffs

Lowell Dean Stutzman  
Kalona

Joshua Fredrick Toman  
Omaha, Neb.

Gregory James Tri  
Eyota, Minn.

Justin Dean Upah  
Ames

Tanner Allen Vos  
Knoxville

Jay T. Vreeland  
Lyttton

Schuyler Joseph Vreeman  
Sheldon

Jonathan C. Walter  
Indianola

Luke M. Wegner  
Charles City

Steven Douglas Wetherell  
Cleghorn

James Daniel Whisler  
Eagan, Minn.

Kyle Jeffery White  
Ames

Kevin Fitzpatrick Williamson  
Littleton, Colo.

Kurt K. Willms  
Cottage Grove, Minn.

Johanna Rae Wubbena  
West Des Moines

Ying Xu  
Wuhan, China

Cheong Chun Yeong  
Ipoh, Malaysia

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**Curriculum in Software Engineering**

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<td>Justin Slickers</td>
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**Multiple Curricula and Majors**

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<td>Materials Engineering and Liberal Arts and Sciences: Major in German</td>
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<tr>
<td>Nicolás Tyler Martinez</td>
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<td>Anna Claire Potter</td>
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<td>Civil Engineering and Environmental Studies</td>
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<td>Industrial Engineering and Environmental Studies</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
## Candidates for Degrees from the College of Human Sciences

### Bachelor of Science

#### Curriculum in Apparel, Merchandising, and Design

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#### Curriculum in Apparel Merchandising, Design, and Production

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#### Curriculum in Child, Adult, and Family Services

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#### Curriculum in Culinary Science

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#### Curriculum in Dietetics

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### Curriculum in Family and Consumer Sciences Education and Studies

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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Family Finance, Housing, and Policy

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<th>Student Name</th>
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<td>Lacey Jo Lapel</td>
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### Curriculum in Food Science

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<td>Cody John Dakan</td>
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### Curriculum in Health and Human Performance

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### Curriculum in Hotel, Restaurant, and Institution Management

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### Curriculum in Kinesiology and Health

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### Multiple Curricula and Major

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<td>Nicole Leigh McIntosh</td>
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<td>Apparel Merchandising, Design, and Production and Liberal Arts and Sciences: Major in Journalism and Mass Communication</td>
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</table>
**Candidates for Degrees**
**from the College of Liberal Arts and Sciences**

**Bachelor of Arts**

*Curriculum in Liberal Arts and Sciences*

**Major in Advertising**

- Stephanie Rose Andrews, Des Moines
- Gary James Bissig, Mason City
- Samantha Kay Elgin, Indianola
- Paul Stephen Halterman, Johnston
- Amanda Christine Hendricks, Clive
- Jillian Anne Hotchkiss, Washington
- Brooke Anne Kienast, Manning
- Justin Paul Lobaito, Altoona
- Kelly Sue McNamara, Littleton, Colo.
- David James Nicholas, Gilbert
- Colin C. Novak, Nevada
- Geoffrey Thomas Olson, Sioux City
- Sarah Elisabeth Trudeau, Boone
- Jodi Lea Wyman, Griswold

**Major in Anthropology**

- Melissa Jolene Beckman, Huxley
- Melissa Ann Fath-Johnson, Des Moines
- Drazen Juric, Clive
- Traci Kristyne Kasperbauer, Grimes

**Biological/Pre-Medical Illustration**

- Jessica Anne Willemssen, Chaska, Minn.

**Major in Chemistry**

- Stephen Mamoun Koat, Ames

**Major in Communication Studies**

- Mallory Jordan Cohan, Long Grove, Ill.
- Erin Elizabeth Follese, Lakeville, Minn.
- Anna J. Hanson, Plymouth, Minn.
- Adrianna Herdeaz, Ankeny
- Emma Wilcox Johnson, Hampton Falls, N.H.
- Megan Lynn Kelley, Stratford
- Ashley Marie Mass, Muskego, Wis.
- Sarah Jayne McClanahan, Ames
- Paige Ann Moorman, New Sharon
- Anjelica Rose Nixt, Lake Oswego, Oregon
- * Sarah Jayne McClanahan
- *** Elizabeth Ann Peacock
- Jeffery Andrew Peter
- Clinton John Puhmann
- Jessica Erin Reeves, Des Moines
- * Shera Marie Verheul
- Jackson Creighton Whiton
- Liza Jane Wischer, Grand Forks, N. Dak.
- Jordan Charles Young, Cedar Rapids
- Joseph P. O’Conner, Des Moines
- Elizabet Ann Peacock
- Jeffery Andrew Peter
- Clinton John Puhmann
- Jessica Erin Reeves, Des Moines
- * Shera Marie Verheul
- Jackson Creighton Whiton
- Liza Jane Wischer, Grand Forks, N. Dak.
- Jordan Charles Young, Cedar Rapids

**Major in Earth Science**

- Alyssa Ann Howlett, Geneva, Ill.
- Michael Lynn Reeder, Ankeny

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
**Major in English**

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<td>Joel Marshall Crawford</td>
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<td>Briana Ann Dunn</td>
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<td>John Fredrick Lindstrom</td>
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<td>Deanna Rae Martinez</td>
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**Major in Interdisciplinary Studies (Criminology and Criminal Justice)**

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**Major in Journalism and Mass Communication**

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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Major in Political Science

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### Major in Psychology

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### Major in World Languages and Cultures (German)

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### Multiple Curricula and Majors

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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program

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Fall 2011 Undergraduate Candidates
** Lauren M. Fynskov  Rochester, Minn.  Political Science and Environmental Studies

Nathan Patrick Gruis  Sibley  Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

Emma Irene Hucka  Lake City  Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

Kevin Daniel Marquardt  Clive  Psychology and Environmental Studies

Austin James Merical  Ankeny  Political Science and Environmental Studies

Mindy Mae Peck  Sioux City  Interdisciplinary Studies (Criminology and Criminal Justice) and Anthropology

Ashleigh Lynn Rader  Communication Studies and German

Thomas Matthew Rich  Clear Lake  Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

Lindsay Paula Schrader  Cedar Rapids  Interdisciplinary Studies (Criminology and Criminal Justice) and Psychology

** Katie Jo Szcublewski  Pierz, Minn.  Communication Studies and Journalism and Mass Communication

Lisa JoAnn Tully  Monticello  English and Speech Communication

* Alyse Marie Wandling  Ames  World Languages and Cultures (French) and International Studies

Paul Thomas Warsaw  Glenview, Ill.  Communication Studies and History

Dustin James Wilkie  Hubbard  Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

Courtney Brianna Wirth  Nevada  Political Science and Interdisciplinary Studies (Criminology and Criminal Justice)

Katherine Elizabeth Wooster  Omaha, Neb.  Speech Communication and Apparel Merchandising, Design, and Production

Carolyn Jeanette Zucker  Ankeny  Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)

Bachelor of Liberal Studies

Curriculum in Liberal Studies

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<th>John Joel Andrus</th>
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<td>Michelle J. Brobst</td>
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*** Summa Cum Laude
† Honors Program
### Bachelor of Music

**Curriculum in Music**

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### Bachelor of Science

**Curriculum in Software Engineering**

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<td>Christopher Michael Nelson</td>
<td>Rosemount, Minn.</td>
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<td>Justin Slickers</td>
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<tr>
<td>Samora M. Mogaka</td>
<td>Indianapolis, Ind.</td>
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### Bachelor of Science

**Curriculum in Liberal Arts and Sciences**

**Major in Anthropology**

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<th>City, State</th>
<th>Name</th>
<th>City, State</th>
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<tr>
<td>Alexandra Elizabeth Heberer</td>
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<td>Kathryn Elizabeth Mortensen</td>
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<td>Sara Beth Letsch</td>
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<td>Waukee</td>
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<tr>
<td>Jessika Lee McBroom</td>
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**Major in Biochemistry**

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<tr>
<td>Tharindu Roma Natasha Gunasekara</td>
<td>Colomba, Sri Lanka</td>
<td>Michael Robert Traxel</td>
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**Major in Biology**

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<tr>
<td>Emily Baskayeva Burnstein</td>
<td>Odessa, Ukraine</td>
<td>Margaret Grace Hall</td>
<td>Iowa City</td>
</tr>
<tr>
<td>Jeffrey W. Callison</td>
<td>Des Moines</td>
<td>Elizabeth A. Howe</td>
<td>Lincolnshire, Ill.</td>
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<td>Amanda Kristine Davis</td>
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<td>Sara Beth Letsch</td>
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<td>Kaitlyn Leigh Thacker</td>
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**Major in Chemistry**

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<tr>
<td>Joshua Thomas Bacon</td>
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**Major in Computer Science**

<table>
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<tr>
<td>Jordan W. Cook</td>
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<td>Stephan N. Jossie</td>
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<tr>
<td>Melanie Joy Dreuter</td>
<td>Eldridge</td>
<td>Dongyoung Kim</td>
<td>Daegu, South Korea</td>
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<td>Jacob David Freemyer</td>
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<td>Mason Andrew Frey</td>
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<td>Eddie J. Stage Jr.</td>
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<td>Benjamin Robert Holland</td>
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<td>Bryan Adam Welter</td>
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**Major in Earth Science**

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<tr>
<td>Amanda Louise Patras</td>
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**Major in Economics**

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<tr>
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<tr>
<td>Anmol Singh Sandhu</td>
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<tr>
<td>Anqi Xu</td>
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**Major in English**

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<td>Julia Michelle Hetzel</td>
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**Major in Environmental Science**

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**Major in Genetics**

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**Major in Geology**

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<td>Anson William Flaspohler</td>
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<td>John Jesse Hoyt</td>
<td>Creston</td>
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<td>Andrew John Lane</td>
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**Major in History**

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<td>Holly Jean Conley</td>
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<td>Charles City</td>
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<td>Waukee</td>
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<td>William Scott Roach</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Major in Journalism and Mass Communication

<table>
<thead>
<tr>
<th>* Karuna Ang</th>
<th>Port Dickson, Malaysia</th>
<th>* Karina Rose</th>
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<td>Lindsey Marie Azizeh</td>
<td>Waterloo</td>
<td>Alicia R. Hendrix</td>
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<td>Liana Renee Prudencio</td>
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<td>Maggie Day Denison</td>
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<td>* Heather Anne Sinclair</td>
<td>Mount Pleasant</td>
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### Major in Mathematics

<table>
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<tr>
<th>Kayce A. Rich</th>
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<th>Kaileng Sun</th>
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<td>Carly Becker Sitzmann</td>
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<td>* Austin Shane Wells</td>
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### Major in Meteorology

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<td>Magen Lynn Yates</td>
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<td>Stephanie Nicole Melton</td>
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### Major in Physics

| Theodore Marshall Westhues | Marion |                   |               |

### Major in Psychology

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<tr>
<th>Meghan Jerrica Brodersen</th>
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### Major in Sociology

<table>
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<tr>
<th>Stephanie Jo Daniels</th>
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<th>* Rachael Diane Reed</th>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
## Major in Statistics

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<tr>
<td>Anna Kye</td>
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## Major in Technical Communication

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<tr>
<td>Amalia Gene Easton</td>
<td>Bagley</td>
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<td>Newton</td>
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## Multiple Curricula and Majors

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<tr>
<td>Udunopa Blanche Abalu</td>
<td>Abuja, Nigeria</td>
<td>Economics and International Studies</td>
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<tr>
<td>Justine Jolena Anders</td>
<td>Vernon Hills, Ill.</td>
<td>Mathematics and World Languages and Cultures (Spanish)</td>
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<tr>
<td>Samuel James Anderson</td>
<td>Corwith</td>
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<tr>
<td>Brent Kjell Aronsen</td>
<td>Ankeny</td>
<td>Mathematics and Economics</td>
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<td>Michaela Ann Auffart</td>
<td>Council Bluffs</td>
<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<tr>
<td>Angela Larae Brones</td>
<td>Marshalltown</td>
<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<tr>
<td>Jennifer Katrice Brown</td>
<td>Boone</td>
<td>Journalism and Mass Communication and English</td>
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<tr>
<td>Gabriel Allen Burns</td>
<td>Iowa City</td>
<td>Computer Science and Mathematics</td>
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<tr>
<td>Benjamin Karl Clough</td>
<td>Fort Dodge</td>
<td>History and Political Science</td>
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<tr>
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<td>Psychology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<tr>
<td>Nikolai Joseph Fedorchak</td>
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<td>Qiuting Hu</td>
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</table>
Iowa State University Senior Class Council

The mission of the Senior Class Council (SCC), a committee of the Student Alumni Leadership Council (SALC), is to benefit and unite seniors through events and services while promoting an understanding of the Iowa State University Alumni Association. The 2011-2012 Senior Class Council is comprised of nine students who are dedicated to recognizing seniors for their many achievements.

This year’s Senior Class Council has planned a number of programs for seniors including both Fall and Spring Senior Weeks, where seniors enjoy special tours and free food on campus; the Senior Package, a gift set that included commemorative Iowa State items; Grad Breakfast, a chance for seniors to relax and enjoy a meal served by ISU faculty and staff; and the Senior Send-off, a year-end event for seniors at the ISU Alumni Center to celebrate seniors’ transitions to being alumni! The events that SCC plans and co-sponsors are intended to be both beneficial and enjoyable for seniors.

Each year, the graduating class also selects a gift to donate to the University. Currently proposals are being reviewed and will be sent to seniors for their vote on what campus project to support. Finally, Senior Class Council always invites you and your families to return to the Iowa State Alumni Center as you are all now Alumni of Iowa State University!

For more information on SCC and SALC programs, please visit www.isusalc.org.

To learn more about the Iowa State University Alumni Association, go to www.isualum.org.

2011-2012 Senior Class Council Leadership

**Council Members:**
- Allison Baird
- Breanna Gordon
- Nathan Johnston
- Scotty Locke

Beth Mabary
- Adria Staky
- Steven Weinert

President:
- Tamara Dunham

Vice-President:
- Ryan Helling

Candidates for Commissions

**The following students will be commissioned in the branch of service indicated:**

**United States Army**

Damon E. Lee

**United States Navy**

Matthew D. Prane
- Marco V. Roche

**United States Air Force**

Nicholas W. Dupre
- Logan W. Pals
Summer Commencement

Official List of Degrees
Conferrred August 6, 2011

IOWA STATE UNIVERSITY


**Candidates for Degrees from the Graduate College**

**Doctor of Philosophy**

**Sarah Fetter Anthony**, Manchester  
B.S., Iowa State University;  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Students in context: Effects of psychological needs and environmental press on academic and life satisfaction

**Evrim Baran**, Ames  
B.S., Middle East Technical University;  
Department: Curriculum and Instruction  
Majors: Education (Curriculum and Instructional Technology) and Human Computer Interaction  
Dissertation: The transformation of online teaching practice: Tracing successful online teaching in higher education

**Daniel W. Barker**, Ames  
B.S., South Dakota State University;  
M.S., Iowa State University  
Department: Agronomy  
Major: Soil Science (Soil Fertility)  
Dissertation: Utilization of active canopy sensors for nitrogen fertilizer management in corn

**Verena Sylvia Bonitz**, Weinstadt, Germany  
Dip.Ing., Esslingen University of Applied Sciences;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology  
Dissertation: Student evaluation of teaching: Individual differences and bias effects

**Lucas Paul Beverlin**, Newton, Ill.  
B.S., Rose-Hulman Institute of Technology;  
M.Stat., Louisiana State University;  
Department: Statistics  
Major: Statistics  
Dissertation: The use of advanced statistical concepts and analysis to improve nonlinear dynamic glucose modeling

**Rebecca Luchtel Boddicker**, Spirit Lake  
B.S., Iowa State University  
Department: Food Science and Human Nutrition  
Major: Nutritional Sciences  
Dissertation: Regulation of obesity-associated inflammation and colon tumorigenesis by resveratrol and adiponectin

**Weimin Grace Blocher**, Taipei, Taiwan  
B.E., Zhejiang University;  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Laser-based thermophysical properties measurement and nanotissue diagnostics

**Everton Alen Brenner**, Santa Cruz do Sul, Brazil  
B.S., State University of Londrina;  
M.S., Federal University of South Rio Grande  
Department: Agronomy  
Major: Plant Breeding  
Dissertation: Diagnostic DNA markers for lignocellulosic conversion of maize stover into biofuels

**Wei-Chen Chen**, Taipei, Taiwan  
B.S., National Central University;  
Department: Statistics  
Major: Statistics  
Dissertation: Overlapping codon model, phylogenetic clustering, and alternative partial expectation conditional maximization algorithm

**Xiangwen Chen**, Hangzhou, China  
B.E., Zhejiang University;  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Laser-based thermophysical properties measurement and nanotissue diagnostics
Giorgi Chighladze  
Tbilisi, Georgia
Dipl., Georgian Technical University;  
M.E., Ibid.
Department: Agricultural and Biosystems  
Engineering
Majors: Agricultural Engineering and  
Environmental Science
Dissertation: Estimation of change in soil  
water nitrate-nitrogen concentration using impedance spectra

Jeong Yun Choi  
Ulsan, South Korea
B.S., Korea Advanced Institute of Science and  
Technology;  
M.S., Ibid.
Department: Materials Science and  
Engineering
Major: Materials Science and Engineering
Dissertation: Phase-field investigation on the  
non-equilibrium interface dynamics of  
rapid alloy solidification

†† James O. Church  
Bovey, Minn.
B.S., University of Wisconsin - Stevens Point;  
M.S., North Dakota State University
Department: Ecology, Evolution and  
Organismal Biology
Major: Ecology and Evolutionary Biology
Dissertation: Ecological processes regulating  
geographic distributions of Plethodon  
salamanders in the Southern Appalachian  
Mountains

§ Yasemin Demiraslan Cevik  
Cedar Rapids
B.A., Hacettepe University;  
M.S., Ibid.
Department: Curriculum and Instruction
Majors: Education (Curriculum and  
Instructional Technology) and Human  
Computer Interaction
Dissertation: Examining preservice teachers’  
reasoning and decision making in three  
case-based approaches

†† James Francis Dunne  
Fairport, N.Y.
B.S., Grove City College
Department: Chemistry
Major: Inorganic Chemistry
Dissertation: Stoichiometric and catalytic  
reactivity of tris(oxazolinyl)borate main  
group metal compounds

†† Sarah Rose Edwards  
Fargo, N. Dak.
B.S., North Dakota State University;  
M.S., Ibid.
Department: Psychology
Major: Psychology (Counseling Psychology)
Dissertation: The influence of perceived  
social norms on the relationship of  
perceptions of sexual intent and  
commitment of sexual aggression

Keith Shannon Evans  
Marysville, Calif.
B.A., California State University-Chico
Department: Economics
Major: Economics
Dissertation: Problems of uncertainty,  
learning, and welfare measurement in  
resource and environmental economics

Ernest Scott Flynn  
Irvine, Ky.
B.S., Eastern Kentucky University;  
M.S., University of Kentucky
Department: Agronomy
Major: Crop Production and Physiology
Dissertation: Corn production with perennial  
ground covers: Evaluation of cover  
species and their effects on corn growth  
and development

Ashley Hackler Freeman  
Richmond, Va.
B.A., University of North Carolina;  
M.S., Iowa State University
Department: Psychology
Major: Psychology (Counseling Psychology)
Dissertation: Contact and stigma toward  
mental illness: Measuring the  
effectiveness of two video interventions

Anderson Elliott Frerichs  
Raymond
B.S., Iowa State University
Department: Materials Science and  
Engineering
Major: Materials Science and Engineering
Dissertation: Kinetics of transformation in an  
in-situ aluminum-strontium deformation  
processed metal-metal composite

Haiyang Gao  
Liaoyang, China
B.E., Beihang University;  
M.S., Iowa State University
Department: Aerospace Engineering
Major: Aerospace Engineering
Dissertation: Differential formulation of  
discontinuous Galerkin and related  
methods for compressible Euler and  
Navier-Stokes equations

§Xiang Gao  
Xi’an China
B.Econ., Shanghai Jiaotong University;  
M.S., Hong Kong University of Science and  
Technology
Department: Economics
Major: Economics
Dissertation: Essays in international  
economics
§ Ryan Michael Kepke Gerdes  
Ames  
B.S., Iowa State University;  
B.S., Ibid.;  
M.S., Ibid  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Physical layer identification: methodology, security, and origin of variation

† † Teaching Excellence Award

† † Richard Gordon  
Chennai, India  
B.Tech., Anna University;  
Department: Biomedical Sciences  
Major: Immunobiology  
Dissertation: Protein kinase C delta and prokineticin-2 signaling in experimental models of neuroinflammation and Parkinson’s disease

Yang Gu  
Jinan, China  
B.S., Shandong University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Long-term power system capacity expansion planning considering reliability and economic criteria

Jiqiang Gu  
Hangzhou, China  
B.E., University of Science and Technology Beijing;  
M.Mgt., Zhejiang University;  
M.S., Iowa State University  
Department: Statistics  
Major: Statistics  
Dissertation: Bayesian methods for system reliability and community detection

Amanda Hardy  
Ames  
B.A., Iowa State University;  
M.A., Monmouth University  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies  
Dissertation: The united state of birth: A Feminist critique

Carol A. Heaverlo  
Cedar Rapids  
B.S., Mount Mercy College;  
M.S., University of Northern Iowa  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: STEM development: A study of 6th-12th grade girls’ interest and confidence in mathematics and science

† † Jyy-I Hong  
Kaohsiung, Taiwan  
B.S., National Sun Yat Sen University;  
M.S., Ibid.  
Department: Mathematics  
Major: Mathematics  
Dissertation: Coalescence in Bellman-Harris and multi-type branching processes

Peter Jacob Howe  
Little Rock, Ark.  
B.S., Truman State University  
Department: Plant Pathology  
Major: Genetics  
Dissertation: A look into the molecular mechanisms of parasitism including the functional characterization of Heterodera schachtii secreted effector proteins and the response of plant small RNA to nematode infection

Wei Hu  
Putian, China  
B.E., Xian Jiaotong University;  
M.E., Ibid.;  
M.S., Iowa State University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Dissertation: Experimental search for high Curie temperature piezoelectric ceramics with combinatorial approaches

Nan Huang  
Shenzhen, China  
B.Med., Southeast University  
Department: Food Science and Human Nutrition  
Major: Nutritional Sciences  
Dissertation: Identification of anti-inflammatory constituents in Hypericum species and unveiling the underlying mechanism in LPS-stimulated mouse macrophages and H1N1 influenza virus infected BALB/c mouse

Xiaopeng Huang  
Jingzhou, China  
M.S., Chinese Academy of Sciences  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Thermal transport in low-dimensional complex structures

Mostafa A. A. Ibrahim  
Zagazig, Egypt  
B.A.S., Zagazig University;  
M.S., Ibid.  
Department: Agronomy  
Major: Soil Science (Soil Morphology and Genesis)  
Dissertation: Argillic horizons and clay-sized particles - an alternative interpretation of their dynamics in sola development and across catenas
Norhayati Ibrahim  
Shah Alam, Malaysia  
B.S., Purdue University;  
M.Mgmt., International Islamic University  
Malaysia  
Department: Agricultural and Biosystems  
Engineering  
Major: Industrial and Agricultural  
Technology  
Dissertation: Exploring factors affecting part-time students academic success in  
Malaysian polytechnic institutions

† † Kathryn S. Jaekel  
Ogden  
B.A, Iowa State University;  
M.A., Ibid.  
Department: Curriculum and Instruction  
Major: Education  
Dissertation: (Re)conceptualizing resistance to (re)conceptualize campus climate challenges: Analyzing the resistant register of student reflection writing in a university diversity course

Elbert Jeyapaul  
Madurai, India  
B.E., Madurai Kamaraj University;  
M.E., Anna University  
Department: Aerospace Engineering  
Major: Aerospace Engineering  
Dissertation: Turbulent flow separation in three-dimensional asymmetric diffusers

† † † Boris Jovanovic  
Nis, Serbia  
Biolgst., University of Nis  
Departments: Biomedical Sciences and  
Natural Resource Ecology and  
Management  
Majors: Toxicology and Fisheries Biology  
Dissertation: Immunotoxicology of titanium dioxide and hydroxylated fullerene nanomaterials in fish models

David Jonathan Kabala  
Maxwell  
B.S., Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Human Computer Interaction  
Dissertation: Developing virtual reality applications: The design and evaluation of virtual reality development tools for novice users.

Karen Anne Kortegast  
Hampden, Manic  
A.B., Mount Holyoke College;  
M.Ed., University of Massachusetts-Amherst  
Department: Educational Leadership and  
Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Picturing learning: A visual ethnography of social learning during a short-term study abroad program

Jelena Jeremic Kraft  
Ames  
B.S., Iowa State University  
Department: Biochemistry, Biophysics, and  
Molecular Biology  
Major: Biochemistry  
Dissertation: RNA structure-mediated regulation of cap-independent translation by plant viruses

Sarom Sok Leang  
Arlington, Va.  
B.S., George Mason University  
Department: Chemistry  
Major: Physical Chemistry  
Dissertation: From the Killing Fields to the self-consistent field: The adventures of a Cambodian refugee in quantum chemistry

Shizheng Li  
Fuzhou, China  
B.E, Southeast University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Dissertation: Algebraic approaches to distributed compression and network error correction

Kelly Yu-Hsin Liao  
Banciao City, Taiwan  
B.Sc., University of Toronto;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Asian cultural value and contingency of self-worth as moderators for academic stress among Chinese international students

Tu-Liang Lin  
Xiluo, Taiwan  
B.Sc., National Tsinghua University;  
M.B.A., National Sun Yat-Sen University  
Department: Computer Science  
Major: Computer Science  
Dissertation: A computational study of protein dynamics, structure ensembles, and functional mechanisms

† † Sijia Liu  
Kaifeng, China  
B.S., University of Science and Technology of China  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: Novel data clustering methods and applications
Molly Ann Luchtel  
Milford
B.A., Buena Vista University;  
M.S., Iowa State University  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies  
Dissertation: The effect of language acculturation on parent-child interactions and problem behaviors among children who are Hispanic

Cheng Luo  
Tianmen, China
B.E., Huazhong University of Science and Technology  
M.E., Ibid.  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: A comprehensive invariant subspace-based framework for power system small-signal stability analysis

†† Julia A. Maier  
Rochester, N.Y.
B.A., Lycoming College;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology  
Dissertation: Coping with fiction: Aesthetic experiences with stories as a form of terror management

Kathleen Ann Malone  
Mankato, Minn.
B.S., Mankato State University;  
M.S., Minnesota State University  
Department: Sociology  
Major: Sociology  
Dissertation: Mother’s perceptions of work-family conflict and the relationship to positive parenting, and parental satisfaction

†† Kanmi Mao  
Ames
B.S., Nanjing University  
Department: Chemistry  
Major: Chemistry  
Dissertation: Indirectly detected chemical shift correlation NMR spectroscopy in solids under fast magic angle spinning

Daniel Thomas Mart  
Terril
B.A., Buena Vista University;  
M.A.T., Morningside College  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Perceived district-level leadership influences upon student achievement

Devan Allen McGranahan  
Terril
B.A., Grinnell College;  
M.S., Iowa State University  
Department: Natural Resource Ecology and Management  
Major: Ecology and Evolutionary Biology  
Dissertation: Species richness, fire spread, and structural heterogeneity in tallgrass prairie

Jelena Medic  
Novi Sad, Serbia
Diploma, University of Novi Sad  
Department: Food Science and Human Nutrition  
Major: Food Science and Technology  
Dissertation: Starch properties, endogenous amylase activity, and ethanol production of corn kernels with different planting dates and drying conditions

Nimer Mehyar  
Ames
B.S., Jordan University of Science;  
M.A., AL-Al-Bayt University;  
M.S., Iowa State University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Dissertation: Human brain hexokinase: Determinants of mitochondrial binding and mechanism of nucleotide release

Xin Meng  
Johnston
B.Agron., China Agricultural University  
M.S., Chinese Academy of Agricultural Sciences;  
M.S., Iowa State University  
Department: Genetics, Development and Cell Biology  
Major: Genetics  
Dissertation: In search for maize florigen

†† Kimberley M. Morrill  
Concord, N.H.
B.S., University of New Hampshire;  
M.S., Ibid.  
Department: Animal Science  
Major: Animal Physiology  
Dissertation: Modifying current laboratory methods for rapid determination of colostral IgG concentration and colostral IgG absorption in the neonate

§ Kanwar Singh Nalwa  
Saharanpur, India
B.Tech., Indian Institute of Technology - Kanpur  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Increasing the efficiency of organic solar cells by photonic and electrostatic-field enhancements

§ Research Excellence Award  
†† Teaching Excellence Award
Andrew James Nelson  Clinton  
B.S., Iowa State University  
Department: Physics and Astronomy  
Major: High Energy Physics  
Dissertation: Measurement of the differential cross-section with respect to momentum and rapidity of the J/PSI meson and the non-prompt J/PSI cross-section fraction in pp collisions at sqrt(s)=7 TeV with the ATLAS detector

Xiaopeng Ning  Beijing, China  
B.S., Beijing Institute of Technology;  
M.S., Iowa State University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Dissertation: Development of a new work-rest scheduling model based on inventory control theory

Bernard B. Obaa  Kampala, Uganda  
B.S., Makerere University;  
M.S., Ibid.  
Department: Sociology  
Major: Rural Sociology  
Dissertation: Role of social networks in food security among formerly displaced households in post-conflict Lira, northern Uganda

Jonathan David Oliver  Moscow, Idaho  
B.S., University of Oregon  
Department: Entomology  
Major: Entomology  
Dissertation: Ecological, organismal, and cellular explorations of three medically significant species of ticks in Iowa

†† Michael Anthony Oren  Algonquin, Ill.  
B.A., Depauw University;  
M.S., Ibid.  
Departments: Psychology and Sociology  
Majors: Human Computer Interaction and Sociology  
Dissertation: Human-computer interaction and sociological insight: A theoretical examination and experiment in building affinity in small groups

†† Ahmet Ozkan Ozer  Ames  
Dipl., Istanbul Technical University;  
M.S., Ibid.  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: Exact boundary controllability and feedback stabilization for a multi-layer Rao-Nakra beam

Brian Patterson  Anchorage, Alaska  
B.A., Carleton College;  
M.S., Iowa State University  
Department: Computer Science  
Major: Computer Science  
Dissertation: Three topics in the theory of computing: Multi-resolution cellular automata, the Kolmogorov complexity characterization of regular languages, and hidden variables in Bayesian networks

§ Bradley W. Peterson  Lincoln, Neb.  
B.S., University of Nebraska-Lincoln  
Department: Physics and Astronomy  
Major: Astrophysics  
Dissertation: The effects of galaxy interactions on star formation

§ Daniel Keith Pratt  Neponset, Ill.  
B.S., Western Illinois University;  
M.S., Ibid.  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Studies of long range order and excitations in the iron arsenide superconductors

Tsengeg Purevjav  Ulaanbaatar, Mongolia  
B.Arch., National University-Mongolia;  
M.S., Iowa State University  
Department: Animal Science  
Major: Animal Science  
Dissertation: Effects of functional oils and monensin on cattle finishing programs

Zhongyuan Qian  Shanghai, China  
B.E., Shanghai Jiaotong University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Dissertation: Analysis of residual stress relaxation behaviors

§ Zhiyi Qiang  Lanzhou, China  
B.Agri., China Agricultural University;  
M.V.Med., China Agricultural University  
Department: Food Science and Human Nutrition  
Major: Toxicology  
Dissertation: Bioavailability and metabolism of botanical constituents and enhancement of intestinal barrier function by caffeic acid derivatives in Caco-2 cells
Kun Qiu  
Shanghai, China  
B.S., Fudan University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Expectation maximization hard thresholding methods for sparse signal reconstruction

§ Deah S. Quinlivan  
Hartselle, Ala.  
B.A., University of Alabama-Huntsville; M.A., Ibid.  
Department: Psychology  
Major: Psychology  
Dissertation: Effects of pre-admonition suggestions on eyewitnesses' beliefs, expectations, choosing rates, and retrospective judgments

Michael Patrick Quinn  
Ellicott City, Md.  
B.B.A., James Madison University; M.B.A., Ibid.  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Hospitality Management  
Dissertation: The effect of environmental education on the attitudes and beliefs of hotel housekeepers

Jeffrey Charles Rabey  
Sheffield  
B.S., University of Iowa; M.A., Ibid.  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: The role of mentoring in community college presidential preparation

†† Kyle Christopher Scherr  
Oakes, N. Dak.  
B.S., Dickinson State University; M.S., Iowa State University  
Department: Psychology  
Major: Psychology  
Dissertation: An examination of factors that influence suspects' Miranda comprehension and willingness to offer a waiver

†† Ashley Jean Scolaro  
Canton, Ill.  
B.S., Drake University; M.S., Iowa State University  
Departments: Psychology and Neuroscience  
Majors: Psychology and Neuroscience  
Dissertation: The neural and behavioral correlates of target checking in prospective memory

Adam Joe Shuttleworth  
Meadville, Pa.  
B.S., Pennsylvania State University-Erie Behrend College; M.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Multi-objective optimization based engineering decision tool

Bruno H. Silveira Leonardi  
Ames  
Eng., University of Sao Paulo  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Investigation of novel methodologies using reactive power reserves for online voltage stability margin monitoring and control

Ariel Singerman  
Buenos Aires, Argentina  
Licen., University of Buenos Aires; M.S., University of California-Davis  
Department: Economics  
Major: Economics  
Dissertation: Price analysis, risk assessment and insurance for organic crops

Avanti Sinha  
Ames  
B.S., Texas Technology University  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Microbiology  
Dissertation: Interactions of porcine circovirus type 2 and porcine reproductive and respiratory syndrome virus

Scott Walter Smalley  
Ubly, Mich.  
B.S., Michigan State University; M.S., Iowa State University  
Department: Agricultural Education and Studies  
Major: Agricultural Education  
Dissertation: Early field experience in career and technical education

Vishwanath Somashekar  
Bangalore, India  
B.Eng., Bangalore University; M.S., Indiana University; M.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Application of Experimental and Numerical Techniques to Microscale Devices

§ Research Excellence Award  
†† Teaching Excellence Award
Gowrishankar Srinivasan  
Chennai, India
B.Text., Shivaji University;  
M.S., Iowa State University;  
M.S., Ibid.  
Department: Agricultural and Biosystems Engineering  
Major: Biorenewable Resources and Technology  
Dissertation: Investigation of Ultrasonics as a tool for energy efficient recycling of Lactic acid from postconsumer PLA products

§ Yongchao Su  
Wuxue, China
B.S., Huazhong University of Science and Technology;  
B.A., Ibid.;  
M.Sc., Chinese Academy of Sciences  
Department: Chemistry  
Major: Chemistry  
Dissertation: Structure and dynamics of membrane peptides from solid-state NMR

§ Gary Anthony Sullivan  
De Smet, S. Dak.
B.S., Iowa State University;  
M.S., University of Nebraska-Lincoln  
Departments: Animal Science and Food Science and Human Nutrition  
Majors: Meat Science and Food Science and Technology  
Dissertation: Naturally cured meats: Quality, safety, and chemistry

†† Zebblin Matthew Sullivan  
Dunlap
B.S., Iowa State University;  
M.S., Ibid.  
Department: Kinesiology  
Major: Kinesiology (Biological Basis of Physical Activity)  
Dissertation: Mouth rinsing with branched-chain amino acids and carbohydrates on steady-state metabolism, exercise performance, and the endocrine responses to exercise

§ Norzuwana Sumarjan  
Selangor, Malaysia
Dipl., Mara University of Technology;  
B.S., Middlesex University;  
M.Ed., University Technology Malaysia Degree Program  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Hospitality Management  
Dissertation: Exploration of quality management practices in Malaysian hotels: An equilibrium approach

Wei Sun  
Hefei, China
B.A., Tianjin University;  
B.E., Ibid.  
M.S., Ibid.  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: New optimization techniques for power system generation scheduling

Molly C. Sween  
Algona
B.S., Iowa State University;  
M.S., Ibid.  
Department: Sociology  
Major: Sociology  
Dissertation: Marital conflict, negative temperament and problem behaviors of children: A test of stability and variability across time

Rosita Mohd Tajuddin  
Shah Alam, Malaysia
B.A., University of Northumbria;  
M.Ed., University Technology Malaysia Degree Program  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Apparel, Merchandising, and Design  
Dissertation: Social capital and rural community self-development: Understanding community satisfaction and its impact on entrepreneurial climate and community outcomes

Chengwu Tao  
Wuwei, China
B.S., University of Science and Technology of China;  
M.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Control architectures for spur-free operation in switching power regulators

†† Ryan Luke Tapscott  
Des Moines
B.A., University of Northern Iowa;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology  
Dissertation: Media effects and the criminal justice system: An experimental test of the CSI effect

§ Research Excellence Award  
† † Teaching Excellence Award
Dai Tan Vo  Binh Dinh, Vietnam  
D.V.M., Nong Lam University;  
M.S., Utrecht University  
Department: Biomedical Sciences  
Major: Biomedical Sciences (Pharmacology)  
Dissertation: Somatostatin-induced SSTR2A  
endocytosis is regulated through Beta-arrestin2- Arf6-EFA6A-PLD1 cascade in  
pancreatic Beta-cells (RINm5F)  

Bing Wang  Shi Jiazhuang, China  
B.Agri., China Agricultural University;  
M.S., Ibid.  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Veterinary Microbiology  
Dissertation: The exploration of methodological approaches for addressing the pre- and post-harvest Salmonella interventions  

Jing Wang  Xinxiang, China  
B.S., Tianjin University;  
M.S., Ibid.  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Distributed averaging over communication networks: Fragility, robustness and opportunities  

Mingmei Wang  Jinan, China  
B.E., Tianjin University  
M.E., University of Science and Technology Beijing  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Dissertation: Modeling of complex surface interactions in low and high pressure plasmas  

Ying Wang  Pengzhou, China  
B.Med., Chongqing Medical University;  
M.S., Chongqing University of Medical Science  
Department: Genetics, Development and Cell Biology  
Major: Molecular, Cellular, and Developmental Biology  
Dissertation: Analysis of endothelial tube formation in vivo  

Shecoya Berell White  Montgomery, Ala.  
B.S., Tuskegee University;  
M.S., Ibid.  
Department: Food Science and Human Nutrition  
Major: Toxicology  
Dissertation: Antibacterial efficacy of phosvitin, carvacrol, or nisin alone or combined against foodborne human enteric pathogens  

Rachel Marie Wolford  Des Moines  
B.A., Cedarville College;  
M.A., Iowa State University  
Department: English  
Major: Rhetoric and Professional Communication  
Dissertation: Women farmland owners in Iowa: Cultivating agency through rhetorical practice  

Zhonghua Xu  Nanchang, China  
B.E., Chongqing University;  
M.E., Ibid.  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Control tools for rapid broadband nanomechanical spectroscopy using scanning probe microscope  

Zijun Yan  Wuhan, China  
B.E., Huazhong University of Science and Technology  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Dissertation: Floorplan-guided placement for large-scale mixed-size designs  

Xiao Yang  Ames  
B.E., Xidian University  
Department: Electrical and Computer Engineering  
Major: Bioinformatics and Computational Biology  
Dissertation: Error correction and clustering algorithms for next generation sequencing  

Scott Patrick Young  Madrid  
B.A., Wartburg College;  
M.S., Iowa State University  
Department: Psychology  
Major: Counseling Psychology (Counseling Psychology)  
Dissertation: Effects of an analogue counselor's religious or financial self-disclosure and observer characteristics on therapeutic processes
Jing Yu  
Wuhan, China  
B.S., Huazhong University of Science and Technology;  
M.S., Chinese Academy of Sciences  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Genetics  
Dissertation: Analysis of quorum sensing in *Yersinia pestis* CO92

§ Yanan Yue  
Zaozhong, China  
B.E., Wuhan University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Raman spectroscopy-based micro/nanoscale thermal characterization

Junhua Zhang  
Jinan, China  
B.E., Shandong University of Technology;  
M.S., Beijing University;  
M.S., McMaster University  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Theory of spin-fluctuation induced superconductivity in iron-based superconductors

Ping-Shou Zhong  
Changting, China  
B.S., Beijing Normal University;  
Department: Statistics  
Major: Statistics  
Dissertation: Topics on high dimensional statistical inference and ANOVA for longitudinal data

Qun Zhou  
Wuwei, China  
B.S., Huazhong University of Science and Technology;  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Economic analysis for transmission operation and planning

‡‡ Teaching Excellence Award

‡ Research Excellence Award

Wengang Zhou  
Shanghai, China  
B.S., Jilin University;  
Department: Electrical and Computer Engineering  
Major: Bioinformatics and Computational Biology  
Dissertation: Machine learning methods for omics data integration

§ Ying Zhou  
Guiyang, China  
B.E., Tsinghua University;  
M.S., Chinese Academy of Sciences  
Department: Aerospace Engineering  
Major: Aerospace Engineering  
Dissertation: Development of the spectral difference method and application in the numerical investigation of the separated and transitional flows over a low-Reynolds number airfoil

Huilin Zhu  
Wuhan, China  
B.S., Wuhan University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Dissertation: Engineering *Escherichia coli* for co-production of acetaldehyde and hydrogen from glucose
MASTER OF ACCOUNTING

Gail Marie Starr  
Eagan, Minn.
B.S., Iowa State University  
Department: Accounting  
Major: Accounting

MASTER OF AGRICULTURE

Angela Rose Richardson  
Webster City
B.S., Iowa State University  
Department: Professional Agriculture  
Major: Professional Agriculture

MASTER OF ARCHITECTURE

Joseph Terry Cartwright  
Ames
B.S., University of Minnesota  
Department: Architecture  
Major: Architecture  
Thesis: Zoning and designing for affordability using modular housing

MASTER OF ARTS

Anna Rose Marie Bensend  
Dallas, Wis.
B.S., Faith Baptist Bible College  
Department: English  
Major: Teaching English as a Second Language/Applied Linguistics (Literacy)

Hector Andres Bombiella Medina  
Bucaramanga, Colombia
Lawyer, Universidad Industrial; Spec., Universidad Nacional de Colombia; M.Law, Ibid.  
Department: Political Science  
Major: Political Science  
Thesis: The impact of the law of justice and peace on the growth of victims’ movements in Colombia

Kelly Morgan Boyer  
Mays Landing, N.J.
B.A., Franklin and Marshall College  
Department: Anthropology  
Major: Anthropology  
Thesis: Chimpanzee conservation in light of impending iron ore mining project in SE Senegal

Leandi Coertze  
Bloemfontein, South Africa
B.S., University of the Free State; P.G.D., Ibid; B.A., Ibid.  
Department: English  
Major: Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)  
Thesis: An investigation of ESL students’ reading engagement and language output in selected online environments

Mallory Leigh Dalton  
Tulsa, Okla.
B.A., Oklahoma State University  
Department: English  
Major: Teaching English as a Second Language/Applied Linguistics  
Thesis: Social networking and second language acquisition: Exploiting Skype™ Chat for the purpose of investigating interaction in L2 English learning
James August Duncan  Cedarburg, Wis.
B.A., University of Wisconsin-Milwaukee
Department: History
Major: History

Elizabeth Mary Elwakeil  Lansing
B.S., Iowa State University
Department: Political Science
Major: Political Science
Thesis: Collective action and social protest in Israel

Katelin N. Fallert  West Des Moines
B.A., University of Iowa
Department: Art and Design
Major: Art and Design (Graphic Design)

Megan Maureen Fiddelke  Ankeny
B.A., Iowa State University
Department: Political Science
Major: Political Science
Thesis: Obama's giant leap for mankind: Exploration through the private and public space programs

Louisa Anne Hill  Athens, Ga.
A.B.J., University of Georgia
Department: Art and Design
Major: Art and Design (Graphic Design)

Huong Thi Tram Le  Ames
B.F.L., Hanoi University of Technology
Department: English
Major: Teaching English as a Second Language/Applied Linguistics (Language Assessment)
Thesis: Developing a validity argument for the English Placement Listening Fall 2010 test at Iowa State University

Marc Manganello  Upland, Calif.
B.A., University of California-Riverside
Department: English
Major: Teaching English as a Second Language/Applied Linguistics (Language Assessment)
Thesis: Correlations in the new TOEFL era: An investigation of the statistical relationships between iBT scores, placement test performance, and academic success of international students at Iowa State University

Mashaba Mashala  Polokwane, South Africa
B.A., University of Limpopo
Department: English
Major: Teaching English as a Second Language/Applied Linguistics (Literacy)

Katia Silene Ferreira de Mello Paiva  Goiania, Brazil
B.Arch., Federal University of Goias;
A.M. University of Illinois-Urbana Champaign
Department: English
Major: Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)
Thesis: Brazilian English as foreign language teachers' beliefs about grammar-based feedback on L2 writing

Na Pan  Baoji, China
B.A., Hunan University
Department: English
Major: Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)

††§ Sara Marie Richardson Perez  Huxley
B.A., Central College;
M.F.A., Iowa State University
Department: English
Major: English (Literature)
Thesis: Little lambs, linnets and babes in the snow: Messages of kindness and caution in Christina Rossetti’s Sing Song and Speaking Likenesses

Bradley Allen Taylor  Luther
B.A., Iowa State University
Department: Interdisciplinary Graduate Studies
Major: Interdisciplinary Graduate Studies

Samuel Edward Twitchell  Fairmont, Minn.
B.S., Minnesota State University-Mankato
Department: History
Major: History
Thesis: The incomplete shield: The distant early warning line and the struggle for effective continental air defense, 1950-1960

†† Rachael A. Voas  Auckland, New Zealand
B.A., Iowa State University
Department: Political Science
Major: Political Science
Thesis: Connecting strength of state-based identity to globalization: Case studies of post-Soviet Estonia and Moldova

Erin Gerrish Wessling  Minneapolis, Minn.
B.S., Iowa State University
Department: Anthropology
Major: Anthropology
Thesis: Rank-related differences in the travel patterns of savanna chimpanzees (Pan troglodytes verus) at Fongoli, Senegal
Summer 2011 Graduate College Degrees

Summer 2011 Graduate College Degrees

Julia C. Wiegers  Urbana
B.S., University of Wisconsin-River Falls
Department: English
Major: Rhetoric, Composition, and Professional Communication
Thesis: Civic engagement in the public speaking classroom

Jeremy William Kleman Ziemer  Palatine, Ill.
B.A., Wartburg College
Department: Political Science
Major: Political Science
Thesis: Interjurisdictional property rights discrimination and civil war: Antebellum America


t†† Julia C. Wiegers  Urbana
B.S., University of Wisconsin-River Falls
Department: English
Major: Rhetoric, Composition, and Professional Communication
Thesis: Civic engagement in the public speaking classroom

Jeremy William Kleman Ziemer  Palatine, Ill.
B.A., Wartburg College
Department: Political Science
Major: Political Science
Thesis: Interjurisdictional property rights discrimination and civil war: Antebellum America

MASTER OF ARTS IN TEACHING

Kathryn Elizabeth Borton  Linden, Mich.
B.S., Michigan State University
Department: Curriculum and Instruction
Major: Science Education

Collin Peter Reichert  Las Vegas, N. Mex
B.S., University of New Mexico;
M.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Andrew Lee Eggert  Colfax
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Hallie Sue Satre  Ogden
B.S., Iowa State University;
B.S., Ibid.
Department: Curriculum and Instruction
Major: Science Education

Timothy DeForest Goodman  Vermillion, S. Dak.
B.S., Duke University;
M.S., South Dakota School of Mines and Technology
Department: Curriculum and Instruction
Major: Science Education

Curtis Michael Titter  Boothwyn, Pa.
B.S., Shippensburg University of Pennsylvania
Department: Curriculum and Instruction
Major: Science Education

Robert L. Hingstrum  Ames
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Meagan E. Woestman  Ames
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Adam Jeffrey Kent  Fort Dodge
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Laurence Hilarion Woodruff  Omaha, Neb.
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Jacob Benjamin Pleasants  Ames
A.B., Washington University-St. Louis
Department: Curriculum and Instruction
Major: Science Education

Curtis Michael Titter  Boothwyn, Pa.
B.S., Shippensburg University of Pennsylvania
Department: Curriculum and Instruction
Major: Science Education

Meagan E. Woestman  Ames
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

Laurence Hilarion Woodruff  Omaha, Neb.
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Science Education

MASTER OF BUSINESS ADMINISTRATION

Damir David Armstrong  Ames
Dipl., St. Petersburg State University of Refrigeration and Food Engineering;
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Matthew Wayne Davis  Ankeny
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Justin Duane Davis  Osasco
B.S., Kaplan University-Des Moines
Department: Business Administration
Major: Business Administration

Jonathan D. Hutchinson  Scottsbluff, Neb.
B.S., Colorado State University
Department: Business Administration
Major: Business Administration

Matthew Wayne Davis  Ankeny
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Jonathan D. Hutchinson  Scottsbluff, Neb.
B.S., Colorado State University
Department: Business Administration
Major: Business Administration

§ Research Excellence Award
†† Teaching Excellence Award
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>University</th>
<th>Department</th>
<th>Major</th>
<th>Degree(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark A. Mezera</td>
<td>Iowa Falls</td>
<td>Iowa State University; Ibid.</td>
<td>Business Administration</td>
<td>Business Administration</td>
<td>B.S., Ibid.</td>
</tr>
<tr>
<td>Fredrick Dane Miller</td>
<td>Urbandale</td>
<td>Iowa State University</td>
<td>Business Administration</td>
<td>Business Administration</td>
<td>B.S.</td>
</tr>
<tr>
<td>Thomas W. Owens</td>
<td>Ankeny</td>
<td>Iowa State University</td>
<td>Business Administration</td>
<td>Business Administration</td>
<td>B.S.</td>
</tr>
<tr>
<td>Utpal Rajnikant Patel</td>
<td>West Des Moines</td>
<td>Waldorf College</td>
<td>Business Administration</td>
<td>Business Administration (Information Systems)</td>
<td>B.A.</td>
</tr>
<tr>
<td>Robert Eugene Pearson III</td>
<td>Ankeny</td>
<td>University of Northern Iowa</td>
<td>Business Administration</td>
<td>Business Administration (Information Systems)</td>
<td>B.A.</td>
</tr>
<tr>
<td>Janea Lynne Triplett</td>
<td>Fort Bragg, Calif.</td>
<td>Iowa State University</td>
<td>Business Administration</td>
<td>Business Administration (Information Systems)</td>
<td>B.L.S., Ibid.</td>
</tr>
<tr>
<td>Joseph Terry Cartwright</td>
<td>Ames</td>
<td>University of Minnesota</td>
<td>Community and Regional Planning</td>
<td>Community and Regional Planning</td>
<td>B.S.</td>
</tr>
<tr>
<td>§ Sara Joy Proppe</td>
<td>San Antonio, Tex.</td>
<td>Texas A&amp;M University</td>
<td>Community and Regional Planning</td>
<td>Community and Regional Planning</td>
<td>B.A.</td>
</tr>
<tr>
<td>Travis W. Allen</td>
<td>Emmetsburg</td>
<td>Iowa State University</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Higher Education)</td>
<td>B.S.</td>
</tr>
<tr>
<td>Kevin W. Cartier</td>
<td>Marshalltown</td>
<td>Iowa State University</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Higher Education)</td>
<td>B.S.</td>
</tr>
<tr>
<td>Matthew S. Falduto</td>
<td>Coralville</td>
<td>University of Iowa</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Higher Education)</td>
<td>B.A., Ibid.</td>
</tr>
<tr>
<td>Kari Lynn Kaufman</td>
<td>Manson</td>
<td>Simpson College</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Higher Education)</td>
<td>B.A.</td>
</tr>
<tr>
<td>Jennifer Marie Kelling</td>
<td>Cedar Rapids</td>
<td>Iowa State University</td>
<td>Curriculum and Instruction</td>
<td>Education (Special Education)</td>
<td>B.S.</td>
</tr>
<tr>
<td>Kimberly J. Krantz</td>
<td>Ames</td>
<td>University of Northern Iowa</td>
<td>Curriculum and Instruction</td>
<td>Education (Special Education)</td>
<td>B.A.</td>
</tr>
<tr>
<td>Jason Allan McKinney</td>
<td>Calamus</td>
<td>Iowa State University</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Higher Education)</td>
<td>B.S.</td>
</tr>
</tbody>
</table>

§ Research Excellence Award
†† Teaching Excellence Award
Benjamin William Overman  
Indianola  
B.A., Central College  
Department: Curriculum and Instruction  
Major: Education

Nilam Parekh Pintar  
Pittsburg, Kans.  
B.S., Pittsburg State University  
Department: Curriculum and Instruction  
Major: Education (Special Education)

Ann A. Rubenbauer  
Marshalltown  
B.A., Iowa State University  
Department: Educational Leadership and Policy Studies  
Major: Education (Higher Education)

Lisa L. Story  
Sheldon  
B.A., Buena Vista University  
Department: Educational Leadership and Policy Studies  
Major: Education (Higher Education)

Jacob Morton Vallette  
Rapid City, S. Dak.  
B.A., Buena Vista University  
Department: Educational Leadership and Policy Studies  
Major: Education (Higher Education)

MASTER OF ENGINEERING

Jeffrey M. Cook  
Jesup  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Jason Sean Dalton  
Lewis Center, Ohio  
B.S., Ohio Northern University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Joel Jeffrey Dean  
Iowa City  
B.S.E., University of Iowa  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Charles Austin Everson  
Littleton, Colo.  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

De Huang  
Beijing, China  
B.S., University of Science and Technology of China;  
M.S., Chinese Academy of Sciences  
Department: Aerospace Engineering  
Major: Aerospace Engineering

Gunhwan Kim  
Seoul, South Korea  
B.S., Yonsei University;  
M.S., Korea Advanced Institute of Scienceand Technology  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

Robert Ernst Meyer III  
Rochester, Minn.  
B.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

Eric Michael Pennington  
Osceola, Ind.  
B.S., Purdue University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Thomas J. Rosin  
Ankeny  
B.S., University of Northern Iowa  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Curt Ryan Smejkal  
Cedar Rapids  
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Civil Engineering Materials)

Brian Gary Wehner  
Ames  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

William D. Whitehouse III  
Crestwood, Ky.  
B.S., Rose-Hulman Institute of Technology  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

Judson Jerome Wilmott  
Ames  
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Construction Engineering and Management)

§ Research Excellence Award  
† † Teaching Excellence Award
MASTER OF FAMILY AND CONSUMER SCIENCES

Sara Elizabeth Clymer  
Oswego, Ill.
B.A., Trinity Christian College
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Gerontology)

Timothy James Cummuta  
Wauzeka, Wis.
B.B.A., American Intercontinental University-Illinois
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

Christine Carol Betcher Damon  
Niskayuna, N.Y.
B.A., Lake Superior State University;
M.S., Northern Illinois University
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Gerontology)

Ruoyu Feng  
Shanghai, China
B.E., Donghua University
Department: Apparel, Educational Studies and Hospitality Management
Major: Family and Consumer Sciences
(Apparel, Merchandising, and Design)

Laura M. Gifford  
Camanche
B.S., North Central College
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

Elyse Rose Harper  
Woodbine
B.S., Iowa State University
Department: Human Development and Family Studies
Major: Family and Consumer Sciences
(Human Development and Family Studies)

Lindsay Elizabeth Holst  
Princeton
B.S., Iowa State University
Department: Human Development and Family Studies
Major: Family and Consumer Sciences
(Human Development and Family Studies)

Linda Elenore Kasperbauer Johanson  
Forest City
B.S., Iowa State University
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

Wanita A. Kilcollins  
Des Moines
B.A., Simpson College
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

Aimee V. Lester  
Truro, Nova Scotia
B.A., Saint Mary's University;
Dipl., Memorial University of Newfoundland
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Gerontology)

Ciara Justine Lovik  
Mason City
B.S., Iowa State University
Department: Human Development and Family Studies
Major: Family and Consumer Sciences
(Human Development and Family Studies)

Chanda Mumba Mwanza  
Ames
B.A., University of Zambia;
M.P.A., Iowa State University
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

Molly Kristine Petersen  
Medeapolis
B.S., Iowa State University
Department: Human Development and Family Studies
Major: Family and Consumer Sciences
(Human Development and Family Studies)

Ye Zou  
Chenzhou, China
B.E., Donghua University
Department: Apparel, Educational Studies and Hospitality Management
Major: Family and Consumer Sciences
(Apparel, Merchandising, and Design)
Master of Fine Arts

Amy Lynn Clark  
Council Bluffs  
B.S., Iowa State University;  
M.A., Ibid.  
Department: English  
Major: Creative Writing and Environment  
Thesis: Someone else’s life: Columns from Insider Iowa

Emmanuel Kwadwo Saka  
Akim Oda, Ghana  
B.A., Kwame Nkrumah University of Science and Technology  
Department: Art and Design  
Major: Graphic Design  
Thesis: The design of packaging graphics for the expansion of Ghanaian chocolate product

Devon Elizabeth Estes  
Mount Vernon  
B.A., Cornell College  
Department: Art and Design  
Major: Graphic Design  
Thesis: Developing a method for designing sports logos

Larrison Wade Seidle  
Greenwood, Ind.  
B.F.A., Iowa State University;  
B.F.A., Ibid.  
Department: Art and Design  
Major: Integrated Visual Arts  
Thesis: An uncertain stability

Beverly Lynn Krumm  
Ames  
B.A., Iowa State University  
Department: Art and Design  
Major: Graphic Design  
Thesis: Designing identities for “green” industries

Kimberly R. Topp  
Sterling, Ill.  
B.A., Iowa State University;  
M.A., Ibid.  
Department: Art and Design  
Major: Graphic Design  
Thesis: A content assessment tool for the exhibit design process, using graphic design and communication theory as a framework for generating meaningful messages

Mariam Melkumyan  
Yerevan, Armenia  
Spe.Dip., European Regional Academy  
Department: Art and Design  
Major: Graphic Design  
Thesis: Development of a logo assessment matrix in response to challenges in designing graphic identity for country tourism branding campaigns

Master of Public Administration

Threase Ann Harms  
Windsor Heights  
B.A., University of Northern Iowa  
Department: Political Science  
Major: Public Administration

Nicholas A. Lauen  
Ventura  
B.A., Minnesota State University-Mankato;  
B.A., Ibid.  
Department: Political Science  
Major: Public Administration  
Thesis: Predicting police officer retention: Comparing personnel data and administrators’ perceptions

Scott Michael Hock  
Ames  
B.A., Iowa State University  
Department: Political Science  
Major: Public Administration

Rachael Ann Wilson  
Centerville  
B.S., Iowa State University  
Department: Political Science  
Major: Public Administration

Master of School Mathematics

Rachel Irene Giesmann  
Cannon Falls, Minn.  
B.A., Wartburg College  
Department: Mathematics  
Major: School Mathematics

Aaron Lynn Ratliff  
Denison  
B.S., Iowa State University  
Department: Mathematics  
Major: School Mathematics

§  Research Excellence Award  
† †  Teaching Excellence Award
Ricardo Rafael Acevedo Perez  
Bayamon, Puerto Rico  
B.S., Iowa State University  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering  
Thesis: Evaluation and application of a dynamic emissions chamber for quantifying gaseous emissions from laying hen manure

Leonardo Aguilera  
El Paso, Tex.  
B.S., University of Houston-Downtown  
Department: Electrical and Computer Engineering  
Major: Information Assurance  
Thesis: An implementation of accountable anonymity

Cennet Altiner  
Ames  
Lisans., Bogazici University  
Department: Curriculum and Instruction  
Major: Education (Curriculum and Instructional Technology)  
Thesis: Integrating a computer-based flashcard program into academic vocabulary learning

David T. Asplund  
Mount Prospect, Ill.  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Chemical mechanical paired grinding

Elizabeth Marie Asque  
Chicago, Ill.  
B.S., Iowa State University  
Department: Genetics, Development and Cell Biology  
Major: Genetics  
Thesis: Investigations of potential roles of hypoxic response genes in Drosophila primordial germ cell development

Sara Ann Avenarius  
Dubuque  
B.S., Iowa State University  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies  
Thesis: Non-residential father involvement as it relates to residential family stress

Ashley Marie Barrera  
Anchorage, Alaska  
B.A., University of Alaska-Anchorage  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies  
Thesis: Exploring the perspectives and behaviors regarding help-seeking and knowledge about marriage and family therapy in 2nd and 3rd Generation Mexican-American women

Amanda Mae Baum  
Machesney Park, Ill.  
B.S., Truman State University  
Department: Community and Regional Planning  
Major: Transportation

Peter Jacob Becker  
Brookfield, Wis.  
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Geotechnical Engineering)  
Thesis: Assessment of rapid impact compaction for transportation infrastructure applications

Erin Catherine Beirne  
Portland, Maine  
B.A., Bates College  
Department: Geological and Atmospheric Sciences  
Major: Geology  
Thesis: Pursuing a proxy for carbon cycling in the temperate North Atlantic: Investigation of the utility of Arctica islandica shell carbonate to millennial-scale dissolved inorganic carbon reconstructions

Rachel Bell  
Vandalia, Ill.  
B.S., Iowa State University  
Department: Kinesiology  
Major: Diet and Exercise  
Thesis: Effect of pre-exercise ingestion of modified amylomaize starch on endurance performance

Joshua J. Bernhard  
Lake Mills  
B.A., Wartburg College  
Department: Statistics  
Major: Statistics
Adam James Boesenberg        West Des Moines
B.S., Iowa State University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Thesis: Development of Al, Mn, & Zn doped Sn-Ag-Cu-X solders for electronic assembly

Wutthigrai Boonsuk        Ames
B.B.A., Kasetsart University;  
M.S., Iowa State University;  
Ph.D., Ibid.  
Department: Psychology  
Major: Human Computer Interaction  
Thesis: Evaluation of desktop interface displays for 360-degree video

†† Amy Marie Borgen        Badger, Minn.
B.S., Bemidji State University;  
M.S., University of North Dakota  
Department: Statistics  
Major: Statistics

Travis Michael Brammer        Sioux Center
B.S., Iowa State University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Thesis: Improving the phase stability and oxidation resistance of Beta-NiAl

Jonah K. Brown-Joel        Marion
B.S., University of Northern Iowa;  
M.B.A., Iowa State University  
Department: Sociology  
Major: Sustainable Agriculture

Michelle Kay Buehler        Bloomingdale, Ill.
B.A., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Laser texturing of drug eluting stents to improve drug adhesion

Benjamin A. Burke        Chana, Ill.
B.S., Iowa State University  
Department: Aerospace Engineering  
Major: Engineering Mechanics  

Bo Jeffrey Campbell        Buellton, Calif.
B.A., Oregon State University  
Department: Psychology  
Major: Human Computer Interaction

Sunil Kishore Chakrapani        Chennai, India
B.E., Anna University  
Department: Aerospace Engineering  
Major: Engineering Mechanics  
Thesis: Investigation of ply waviness in wind turbine blades: Experimental and numerical analysis

Kuan-Ju Chen        Taitung, Taiwan
B.A., National Changhua University of Education  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: A test of the spiral of silence theory on young adults’ use of social networking sites for political purposes

Kuan-Yu Chen        Danshuei, Taiwan
B.S., National Chung Cheng University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Thesis: A study of Skype over IEEE 802.16 networks: Voice quality and bandwidth usage

Liping Chen        Ames
B.S., Shangdong Normal University;  
M.S., Huazhong Agricultural University  
Department: Genetics, Development and Cell Biology  
Major: Genetics  
Thesis: Identification and survey of pre-mRNA splicing-related proteins in 10 plant species

Surin Chung        Busan, South Korea
B.A., Pusan National University;  
B.A., Sogang University  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: Corporate apology and crisis communication: The effect of responsibility admittance and sympathetic expression on public anger relief

Daniel Norbert Congreve        Bettendorf
B.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Thesis: Calculation of defect densities in nano-crystalline and amorphous silicon devices using differential capacitance measurements

§ Research Excellence Award
†† Teaching Excellence Award
Jason Scott Crowley  
Nevada  
B.S., Iowa State University;  
B.S., Ibid.  
Department: Statistics  
Major: Statistics

Hongbo Dai  
Lanzhou, China  
B.S., Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)

Emily Kaitlin Davenport  
Ames  
B.S., Iowa State University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Thesis: Purification of flavan-3-ol  
biosynthesis for co-localization onto  
nanocarriers and a multi-enzyme assay

Glaucio Gomes De Oliveira  
Minneapolis, Minn.  
B.S., Centro Universitario da Cidade  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering

Helga De Oliveira Miguel  
Lisboa, Portugal  
Licen., Escola Superior de Saude de Alcoitao  
Department: Kinesiology  
Major: Kinesiology  
Thesis: Online control of handwriting in  
children with Developmental  
Coordination Disorder

Adam Joshua Deppe  
Maquoketa  
B.S., Iowa State University  
Department: Geological and Atmospheric  
Sciences  
Major: Meteorology  
Thesis: Improvements in numerical  
prediction of low level winds

Erin Kathleen Lowry Doyle  
Bettendorf  
B.A., Iowa State University  
Department: Interdisciplinary Graduate  
Studies  
Major: Interdisciplinary Graduate Studies  
(International Development)

Huishan Duan  
Baoji, China  
B.S., Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Transportation  
Engineering)  
Thesis: Effectiveness of reflectorized strips  
on vehicle speed and lateral placement  
during day and night on US 52

Kevin Richard Duerfeldt  
Falls City, Neb.  
B.S., Northwest Missouri State University  
Department: Horticulture  
Major: Horticulture  
Thesis: Use of geographic information  
systems at Griffit Hill School, St. John, U.S.  
Virgin Islands

Steven James Eichenberger  
Lawler  
B.S., Iowa State University  
Department: Agronomy  
Major: Crop Production and Physiology  
Thesis: Did recurrent selection for yield  
affect Iowa stiff stalk synthetic maize  
population grain fill characteristics?

Ross D. Ennen  
Forest City  
B.S., Iowa State University  
Department: Agronomy  
Major: Crop Production and Physiology  
(Seed Science)  
Thesis: Earlier harvest and drying of soybean  
seed within intact pods maintains seed  
quality

Matthew R. Erdman  
Minden City, Mich.  
B.A., Saginaw Valley State College  
Department: Psychology  
Major: Psychology  
Thesis: The influence of corrective feedback  
on retrieval-induced forgetting

Brandon Josef Franck  
Story City  
B.S., Iowa State University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Thesis: Functional materials from  
Hierarchically ordered polymer  
nanocomposites

Haley Elizabeth Frater  
Hartland, Wis.  
B.S., University of Wisconsin-Stevens Point  
Department: Natural Resource Ecology and  
Management  
Major: Wildlife Ecology  
Thesis: Impact of prescribed burning for oak  
regeneration on forest vegetation, white-  
footed mouse populations, and Lyme  
disease

Yanfen Fu  
Zhoushan, China  
B.E., Zhejiang University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Thesis: Metabolic flux analysis of Escherichia  
coli MG1655 under octanoic acid (C8)  
stress

§ Research Excellence Award  
† † Teaching Excellence Award
Humberto Fuentes Saenz  
*Los Mochis, Mexico*
Ind.Eng., Instituto Tecnologico de Los Mochis
Department: Industrial and Manufacturing Systems Engineering
Major: Industrial Engineering
Thesis: Data mining framework for batching orders in real-time warehouse operations

†† Barbara D. Gigar  
*Guthrie Centre*
B.S., Eastern Illinois University; M.S., Ibid.
Department: Interdisciplinary Graduate Studies
Major: Interdisciplinary Graduate Studies (Community Development)

Rachel Marie Goldsmith  
*Iowa City*
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Geotechnical Engineering)
Thesis: A rapid in situ test device to evaluate the compaction effort of aggregate piers

Diana Gottschalk  
*Mahopac, N.Y.*
B.S., James Madison University
Department: Materials Science and Engineering
Major: Materials Science and Engineering
Thesis: Use of polydicyclopentadiene as a matrix in composite structural capacitors

Travis Nicholas Grager  
*Clinton*
B.S., Iowa State University
Department: Aerospace Engineering
Major: Engineering Mechanics
Thesis: Experimental study of low Reynolds number flow control devices: Dynamic burst control plate and dynamic roughness

Charles David Graziano  
*West Des Moines*
B.S., Iowa State University
Department: Electrical and Computer Engineering
Majors: Information Assurance and Computer Engineering
Thesis: A performance analysis of Xen and KVM hypervisors for hosting the Xen Worlds Project

JJ Jaculyn Jay Green  
*Underwood*
B.S., Iowa State University
Department: Animal Science
Major: Animal Science
Thesis: The effect of feeding high concentrations of cholecalciferol, phytase or the combination on broiler chicks and laying hens fed various concentrations of nonphytate phosphorus

Shane D. Griffith  
*Cedar Rapids*
B.S., Iowa State University
Department: Electrical and Computer Engineering
Majors: Computer Engineering and Human Computer Interaction
Thesis: Separating containers from non-containers: A framework for learning behavior-grounded object categories

Derek Gene Groenendyk  
*Pella*
B.A., Central College
Department: Agricultural and Biosystems Engineering
Major: Agricultural Engineering
Thesis: Assimilating in situ soil moisture measurements into the DSSAT-CSM using a Kalman filter

Jingfen Guo  
*Wudalianchi, China*
B.E., Lanzhou Jiaotong University
Department: Architecture
Major: Architecture
Thesis: Sustainability strategy for Wudalianchi, China

Yang Han  
*Owatonna, Minn.*
B.A., Tianjin University of Technology; B.S., Ibid.
Department: Computer Science
Major: Computer Science

Chad T. Harbig  
*Boise, Idaho*
B.S., University of Idaho; M.Arch., Ibid.
Department: Psychology
Major: Human Computer Interaction

Tyler Mark Harms  
*Titonka*
B.S., Iowa State University
Department: Natural Resource Ecology and Management
Major: Wildlife Ecology
Thesis: Population ecology and monitoring of secretive marsh-birds in Iowa

§  Research Excellence Award
† †  Teaching Excellence Award
Paul Daniel Hertz  
B.S., University of Wyoming;  
B.Mus., Ibid.  
Department: Mathematics  
Major: Mathematics

Yoshihiro Asa Hosaka  
Happy Valley, Oreg.  
B.S., Colorado School of Mines  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Asale Afia Hubbard  
Coralville  
B.S., Iowa State University  
Department: Psychology  
Major: Psychology  
Thesis: Racial socialization and resilience among African American college students: The role of racial identity

Drew Ignoto  
Cedar Rapids  
B.S.E., University of Iowa  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

Brandy Marie Jacobs  
Montrose  
B.S., Iowa State University  
Department: Animal Science  
Major: Animal Science  
Thesis: Validation of animal and laboratory methods in digestibility research

† † Erik Stewart Johnson  
Naperville, Ill.  
B.S., University of Iowa  
Department: Physics and Astronomy  
Major: Astrophysics  
Thesis: Statistics in astroseismology: Evaluating confidence in stellar model fits

Emily J. Kapler  
Cedar Rapids  
B.A., Coe College  
Department: Natural Resource Ecology and Management  
Major: Forestry  
Thesis: Risk analysis for invasive plants in Iowa: Development of risk-assessment models and the perceptions of stakeholders

Sho Kawazoe  
Princeton Junction, N.J.  
B.S., Iowa State University  
Department: Geological and Atmospheric Sciences  
Major: Meteorology  
Thesis: Regional, extreme daily precipitation in NARCCAP simulations

David L. Keninger  
Ackley  
B.S., Iowa State University  
Department: Agronomy  
Major: Soil Science

Jahyun Kim  
Youngin Si, South Korea  
B.S., Yonsei University;  
B.S., Ibid.  
Department: Kinesiology  
Major: Kinesiology (Biological Basis of Physical Activity)  
Thesis: Blood flow and vascular tone change with 4 weeks of handgrip BFRE in young and old population

Jeremy Dwight Knutson  
Mitchell, S. Dak.  
B.S., South Dakota State University  
Department: Mathematics  
Major: Applied Mathematics  
Thesis: A survey of the use of cellular automata and cellular automata-like models for simulating a population of biological cells

Kaylee Renee Kotz  
Mechanicsville  
B.S., Iowa State University  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Thesis: Multiple disturbance modeling and prediction of blood glucose in Type 1 Diabetes Mellitus

Keaton Karl Krueger  
Wayland  
B.S., Iowa State University  
Department: Agronomy  
Major: Crop Production and Physiology (Seed Science)  
Thesis: Effects of phosphorus and potassium fertilization rate and placement method on soybean (Glycine max L.) seed quality and long-term storability

Christopher Daven Larsen  
Colchester, Conn.  
B.S., University of Connecticut  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Comparison of three degree of freedom and six degree of freedom motion bases utilizing classical washout algorithms

GL Drake Larsen  
Ames  
B.S., Iowa State University  
Department: Natural Resource Ecology and Management  
Major: Sustainable Agriculture  
Thesis: Farming for ecosystem services: A case study of multifunctional agriculture in Iowa, U.S.A.
Nathan H. Laws  
*State Center*
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Sheng Huang Lee  
*Kuala Lumpur, Malaysia*
B.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Thesis: Multi-threshold transistors cell for low voltage integrated temperature sensing application in digital deep submicron process

Jie Li  
*Shanghai, China*
B.A., Beijing Normal University;  
M.A., Fudan University;  
M.A., University of California-Riverside;  
Department: Statistics  
Major: Statistics

Taoran Li  
*X’An, China*
B.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Thesis: Modified-CS-residual for recursive reconstruction of highly undersampled functional MRI sequences

Yang Li  
*Qingdao, China*
B.Law., Southwest University for Nationalities  
Department: Sociology  
Major: Sociology  
Thesis: Out-of-home care experience and juvenile delinquency during transition from adolescent to adult

Hector A. Limon  
*Bell Gardens, Calif.*
B.A., San Diego State University  
Department: Educational Leadership and Policy Studies  
Major: Education (Higher Education)  
Thesis: Uncovering the delegitimized experience of non-Spanish speaking Latinos/as attending a predominantly white institution

Hexuan Liu  
*Wuhai, China*
B.S., Sun Yat-Sen University;  
M.S., Iowa State University  
Department: Statistics  
Major: Statistics

Qi Liu  
*Suzhou, China*
B.Nat.S., University of Science and Technology  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Thesis: Concentrations of creatine, creatinine, carnosine, and anserine in bovine longissimus muscle and their correlations with carcass and palatability traits

Richard Andrew Livings  
*Sioux City*
B.S., Iowa State University  
Department: Aerospace Engineering  
Major: Aerospace Engineering  
Thesis: Flaw detection in multi-layer, multi-material composites by resonance Imaging: Utilizing air-coupled ultrasonics and finite element modeling

Dennis F. Lock  
*Canton, N.Y.*
B.S., St. Lawrence University  
Department: Statistics  
Major: Statistics

Jie Luo  
*Taijin, China*
B.E., Beihang University  
Department: Chemistry  
Major: Bioinformatics and Computational Biology  
Thesis: Extraction of an effective pairwise potential for amino acids

Corey John Magnusen  
*Pella*
B.S., Iowa State University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Thesis: A fabric deformation methodology for the automation of fiber reinforced polymer composite manufacturing

Rachel L. McDaniel  
*Waverly*
B.S., Iowa State University  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering  
Thesis: Understanding bacterial transport from direct fecal deposits under controlled flows

Ammar Abdulghani Melaibari  
*Ames*
B.S., King Abdul Aziz University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Investigation of a novel manufacturing technique for two-dimensional machining of Polycrystalline Cubic Boron Nitride (PCBN) tools
Timothy Lee Meyer  
**Hartley**
B.S., Iowa State University  
Department: Electrical and Computer Engineering  
Majors: Information Assurance and Computer Engineering  
Thesis: A study on trading scams in massively multiplayer online role-playing games and risk mitigation techniques

Jeffrey Conrath Miller  
**Chicago, Ill.**
B.A., St. Xavier University  
Department: Psychology  
Major: Psychology  
Thesis: The role of emotion regulation in the defensive processing of fear-arousing health-risk information

Teresa Marie Morales  
**Ferguson**
B.A., University of Iowa  
Department: Curriculum and Instruction  
Major: Education  
Thesis: The dynamics of student learning within a high school virtual reality design class

Alysa Michelle Mozak  
**Ames**
B.S., Iowa State University  
Department: Interdisciplinary Graduate Studies  
Major: Interdisciplinary Graduate Studies (Social Sciences)

Danielle Lea Mulholland  
**Lansing**
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Transportation Engineering)

Hyuntae Na  
**Bucheon, South Korea**
Department: Computer Science  
Major: Computer Science  
Thesis: An online algorithm for matching noisy space curves with statistical error analysis

Dongfang Nangong  
**Rizhao, China**
B.A., Shanghai International Studies University  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: Chinese audiences’ preference for, dependence on, and gratifications derived from CCTV 1, Dragon TV and Hunan TV news programs

Haribabu Narayanan  
**Kalpakham, India**
B.E., Birla Institute of Technology and Science  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

§ Simon Leroy Nielsen  
**Avoca**
B.S., Iowa State University  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering  
Thesis: Identifiability analysis of a tractor and single axle towed implement model

Kelly David Norris  
**Bedford**
B.S., Iowa State University  
Department: Horticulture  
Major: Horticulture  
Thesis: Horticultural & ecophysiological evaluations of leatherwoods (*Dirca* spp.)

Guevara Che Nyendu  
**Sokpoe, Ghana**
B.S., Kwame Nkrumah University of Science and Technology  
Department: Agricultural and Biosystems Engineering  
Majors: Agricultural Engineering and Biorenewable Resources and Technology  
Thesis: Storability of modified wet distillers grains with solubles

Richard Nzoyem Nzokwe  
**Yaounde, Cameroon**
B.S., Alcorn State University  
Department: Biomedical Sciences  
Major: Biomedical Sciences (Cell Biology)  
Thesis: Characterization of functional and structural deficits in a canine model of compressive optic neuropathy using optical coherence tomography and pattern electroretinography

Nicole Lynn Oneyear  
**Dubuque**
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Transportation Engineering)  
Thesis: Evaluation of the safety effects of red light cameras: A case study

Cierra Amber Pairett  
**Chesapeake, Va.**
B.S., Virginia Commonwealth University  
Department: Animal Science  
Major: Genetics  
Thesis: Longitudinal analysis of genetic and antigenic variation in EIAV env

§  Research Excellence Award
††  Teaching Excellence Award
Pooja Suhas Paranjape  
*Pune, India*
B.E., University of Pune  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Thesis: A Canvass steganalyzer for double-compressed JPEG images

Shiny Parsai  
*Ames*
B.S., Iowa State University  
Department: Food Science and Human Nutrition  
Major: Nutritional Sciences  
Thesis: Examining the relationship between sleep and obesity using subjective and objective methods

Plengchart Prommapan  
*Bangkok, Thailand*
B.S., University of Wisconsin-Madison  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Thesis: Campbell penetration depth in Fe-based superconductors

Wenjun Qin  
*Xinzheng, China*
B.S., Shaanxi University of Science and Technology;  
M.Engr., Iowa State University  
Department: Mathematics  
Major: Applied Mathematics  
Thesis: Discrete Ornstein-Uhlenbeck process in a stationary dynamic environment

Karthik Narayanan Ramalingam  
*Ames*
B.Tech., Anna University  
Department: Computer Science  
Major: Computer Science  
Thesis: Modeling error-based adaptive user interfaces

††§Veronica Lynn Rau-Mason  
*Ames*
B.S., Iowa State University  
Department: Sociology  
Major: Sociology  
Thesis: Impression management and college students’ use of the term “hooking up” to describe their casual sexual encounters

Vertika Rawat  
*Dehradun, India*
B.Tech., GB Pant University of Agriculture and Technology  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering  
Thesis: Analyses of bioenergy systems: Detecting hard-coding errors in spreadsheets, and comparing biofuel cropping systems

Nicole Janese Rembert  
*Atlanta, Ga.*
B.S., Florida A&M University  
Department: Statistics  
Major: Statistics

Jennifer Ann Ritchie  
*Sussex, Wis*
B.S., University of Wisconsin-Eau Claire  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Microbiology  
Thesis: Brucella abortus intracellular survival and intercellular trafficking

Suresh Sankaran  
*Ames*
B.E., Birla Institute of Technology and Science  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Thesis: Impairment aware cycle based routing algorithm (IACBRA)

Jeremy John Schweitzer  
*Columbus Junction*
B.S., Iowa State University  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: Sensation seeking, message sensation value and sexual risk taking: Implications for teen pregnancy prevention campaigns

Allison J. Severson  
*Belmond*
B.A., Iowa State University  
Department: Educational Leadership and Policy Studies  
Major: Education (Higher Education)  
Thesis: Social identity construction of Muslim women: A case study

Nidhi Shah  
*Ahmedabad, India*
B.S., Iowa State University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Thesis: Single residue determinants in the binding of recombinant human brain hexokinase to the mitochondrion

Suhas Shetty  
*Udupi, India*
B.E., Visveswaraiah Technological University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Thesis: Combined network and erasure coding proactive protection for multiple source multicast sessions

§  Research Excellence Award  
†† Teaching Excellence Award
James William Shock  
*Houston, Tex.*
B.B.A., University of Houston-Downtown  
Department: Psychology  
Major: Human Computer Interaction

†† Riley James Smith  
*Seward, Alaska*
B.S., University of Kentucky  
Department: Physics and Astronomy  
Major: Astrophysics  
Thesis: Planetary transit mapping of spotted stars with Kepler

Shawn Michael Spencer  
*Eldridge*
B.S., Iowa State University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Thesis: Methods for increasing customization in rapid machining patient-specific bone implants

Eric Gerard Sterner  
*San Antonio, Tex.*
B.A., Southwestern University  
Department: Kinesiology  
Major: Kinesiology (Biological Basis of Physical Activity)  
Thesis: The effect of shoe forefoot stiffness on the Windlass mechanism in running

Volodymyr V. Sukhoy  
*Naperville, Ill.*
B.A.M., Donetsk National University  
Department: Mathematics  
Major: Applied Mathematics

Franklin Louis Sullivan  
*Ames*
B.S., Iowa State University  
Department: Agricultural Education and Studies  
Major: Agricultural Education

Zamir Imtiyaz Syed  
*Ankeny*
B.S., Ohio State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Stress analysis of welded gusseted frames

Ahmed Yousef Tamrawi  
*Ames*
B.S., Yarmouk University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering  
Thesis: Fuzzy set and cache-based approach for bug triaging

Kathleen Renae Tapper  
*Webster City*
B.S., Iowa State University  
Department: Biomedical Sciences  
Major: Biomedical Sciences (Physiology)  
Thesis: An investigation of pressure algometry and thermal sensitivity tests for assessing pain associated with a sow lameness model and cull disbudding

Teri L. Thiele  
*Winona, Minn.*
B.S., Iowa State University  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Veterinary Microbiology  
Thesis: Production and testing of *Clostridium difficile* toxin A monoclonal antibody (Alpha CdA Bella-1) and toxin A specific polyclonal antibody (IRP 583)

Jyani Somayajulu Vaddi  
*Ames*
B.Tech., Iitdm Jabalpur  
Department: Aerospace Engineering  
Major: Engineering Mechanics  
Thesis: Transducer characterization for Vibrothermography

Jennifer Marie Vazquez  
*Auburn, Ind.*
B.S., Northland College  
Department: Sociology  
Major: Sustainable Agriculture  
Thesis: The role of indigenous knowledge and innovation in creating food sovereignty in the Oneida Nation of Wisconsin

Evan Andrew Vencil  
*Ankeny*
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Transportation Engineering)

Jose Ingacio Villarreal Marimon  
*Cartagena de Indias, Colombia*
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Thesis: A benchmarking approach to NETPLAN using MARKAL/TIMES in analysis of large scale and long-term energy systems
Carlos Xavier Villavicencio  Guayaquil, Ecuador
B.S., PanAmerican Agricultural School
Department: Agronomy
Major: Soil Science (Soil Fertility)
Thesis: Relationships between potassium fertilization, removal with harvest, and soil-test potassium in corn-soybean rotations

Hugo N. Villegas  Cevallos, Ecuador
Ingen., Escuela Politecnica del Ejercito
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: Electromechanical oscillations in hydro-dominant power systems: An application to the Colombian power system

Rachel Marie Wall  Iowa City
B.S., Iowa State University
Department: Food Science and Human Nutrition
Major: Diet and Exercise
Thesis: Factors influencing the development and implementation of local wellness policies

Sarah A. Walsh  Bettendorf
B.S., Iowa State University
Department: Kinesiology
Major: Diet and Exercise
Thesis: Efficacy of three eight-week lifestyle interventions on weight loss and cardiovascular disease risk factors in obese adults

Ruiqi Wang  Chang Chun, China
B.Law., Communication University of China
Department: Journalism and Mass Communication
Major: Journalism and Mass Communication

Shiyun Wang  Jingyuan, China
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Geotechnical Engineering)
Thesis: The effects of implements of husbandry farm equipment on rigid pavement performance

Teng Wang  Lanzhou, China
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Transportation Engineering)
Thesis: Incorporating safety into transportation planning for small and medium-sized communities

Xuhao Wang  Lan Zhou, China
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Civil Engineering Materials)
Thesis: Drying shrinkage of ternary blends in mortar and concrete

Haley Veronica Wedmore  Des Moines
B.A., Grand View College
Department: Human Development and Family Studies
Major: Human Development and Family Studies
Thesis: Autism spectrum disorders and romantic intimacy

Bryan L. Whaley  Eagle Grove
B.A., Simpson College
Department: Agricultural Education and Studies
Major: Agricultural Education (Agricultural Extension Education)
Thesis: Demographic indicators of persistence among intermediate 4-H members in Iowa

Lysle Ervin Whitmer  Wilton
B.S., Iowa State University
Department: Mechanical Engineering
Majors: Mechanical Engineering and Biorenewable Resources and Technology
Thesis: Removal of particulate matter from condensable vapors using a moving bed granular filter

Amber Nicole Miller Wiewel  Maywood, Mo.
B.S., University of Missouri-Columbia
Department: Natural Resource Ecology and Management
Major: Ecology and Evolutionary Biology
Thesis: Breeding-season biology of the Puerto Rican Bullfinch (Loxigilla portoricensis)
Benjamin A. Wollner  Ankeny
B.S., Iowa State University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Thesis: Development of a fabric winding system for the automated manufacture of prefabricated wind turbine blade roots

Ni Zhang  Penglai, China  
B.Mngt., Wuhan University; B.A., Zhongnan University of Economics and Law  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: Democracy in modern China: Press coverage of public participation policy issues in Wenling

Ran Zhang  Luoyang, China  
B.Mgmt., Nanjing University of Aeronautics and Astronautics  
Department: Supply Chain and Information Systems  
Major: Information Systems

La Zhao  Zhang Jiachuan, China  
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Geotechnical Engineering)  
Thesis: In situ assessment of support and drainage for PCC subbase

Xiaobin Zheng  Changle, China  
B.S., Iowa State University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Thesis: The CER2 protein co-localizes to the nucleus and the endoplasmic reticulum and is required for the accumulation of surface lipids in Arabidopsis

Zhuyi Zheng  Hangzhou, China  
B.A., University of Indianapolis  
Department: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: Stereotyping of women’s images portrayed in prime time Chinese TV series from 1979 to 2008: Has the picture changed over time?

Rui Zhong  Chendu, China  
B.A., Hanover College  
Department: Statistics  
Major: Statistics

Jeffrey Michael Zimmerman  Earling  
B.S., Iowa State University  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering (Advanced Machinery Engineering)  
Thesis: Precision pneumatic fertilizer application

§  Research Excellence Award  
† †  Teaching Excellence Award
## Candidates for Degrees from the College of Agriculture and Life Sciences

### Bachelor of Science

#### Curriculum in Agricultural and Life Sciences Education

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caleb James Lundberg</td>
<td>Charles City</td>
</tr>
</tbody>
</table>

#### Curriculum in Agricultural Business

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min Bang</td>
<td>Seoul, South Korea</td>
</tr>
</tbody>
</table>

#### Curriculum in Agricultural Studies

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
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<tbody>
<tr>
<td>Nathan Charles Legler</td>
<td>Renwick</td>
</tr>
<tr>
<td>Allan Donald Royster</td>
<td>Duncombe</td>
</tr>
<tr>
<td>Beau Douglas Skellenger</td>
<td>Orient</td>
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</table>

#### Curriculum in Agricultural Systems Technology

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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</thead>
<tbody>
<tr>
<td>Lance Derek Birchmier</td>
<td>Maxwell</td>
</tr>
</tbody>
</table>

#### Curriculum in Agronomy

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Katherine Lin Harrington</td>
<td></td>
</tr>
</tbody>
</table>

#### Curriculum in Animal Ecology

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colly Gwynn Dust</td>
<td>Saint Peters, Mo.</td>
</tr>
</tbody>
</table>

#### Curriculum in Animal Science

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Megan Karen Carman</td>
<td>Ames</td>
</tr>
<tr>
<td>Kayla Lynn Chick</td>
<td>Muscatine</td>
</tr>
<tr>
<td>Michael Joseph Finch</td>
<td>Hartley</td>
</tr>
<tr>
<td>Kylie Renee Gudenkauf</td>
<td>Winthrop</td>
</tr>
<tr>
<td>Alyssa I. Hajek-Jones</td>
<td>Plattsmouth, Neb.</td>
</tr>
</tbody>
</table>

#### Curriculum in Biology

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexis Charnelle Buchanan</td>
<td>Des Moines</td>
</tr>
<tr>
<td>Megan Elaine Carter</td>
<td>Ames</td>
</tr>
<tr>
<td>Jaclyn Leigh Pickerill</td>
<td>Villa Park, Ill.</td>
</tr>
</tbody>
</table>

---

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Dairy Science

Courtney Diane Quint  
*Plainfield, Ill.*

### Curriculum in Environmental Science

Ryan Paul Sovereign  
*Cresco*

### Curriculum in Food Science

Tony Joseph Haun  
Ankeny  
***Brittany Leanne Springmeier  
Davenport***

### Curriculum in Forestry

Emily Jean Driscoll  
Ogden

### Curriculum in Genetics

Jennifer Yanira Estrada Fernandez  
*Canóvanas, Puerto Rico*  
**Janavi Kumar  
Bangalore, India***

### Curriculum in Horticulture

Shawn Ryan Fopma  
Lynnville  
P Kyler Sheets  
Rolla, Kans.  
*Laura Beth Klavitter  
Davenport*

### Curriculum in Industrial Technology

*Timothy Van Buffington  
Gilbert  
David James Michels  
Sheldon  
Nicholas Paul Carlson  
Ankeny  
Christopher William Rempe  
Leighton  
Stephen Ryan McCowen  
Cedar Rapids*

### Curriculum in Microbiology

Megan Alison Marturello  
Clive

### Multiple Curricula

Jake Isaac Northup  
Ankeny  
*Horticulture and Environmental Studies*
# Candidates for Degrees
from The College of Business

## Bachelor of Science
Curriculum in Business

### Major in Accounting

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### Major in Finance

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### Major in Logistics and Supply Chain Management

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### Major in Management

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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Major in Management Information Systems

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### Major in Marketing

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### Multiple Curricula and Majors

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<tr>
<td>Aaron Christopher Goede</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

BACHELOR OF ARTS

Curriculum in Art and Design

Steven Michael Stuart-Doig
Ames

Multiple Curricula and Major

Julie Ann Finelli
Eden Prairie, Minn.
Art and Design and International Studies

Annie Elizabeth McGuire
Colo
Art and Design and Liberal Arts and Sciences: Major in Journalism and Mass Communication

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

Allison Elizabeth Bunge
Williamsburg

Megan Elizabeth Sharp
Council Bluffs

Curriculum in Integrated Studio Arts

Sarah Elaine Busse
Quincy, Ill.

Mathew John Trickel
Grimes

Pilar Elspeth Macek
Fort Dodge

Braden Lee Wold
Eagan, Minn.

Eric James Nicpon
Arlington Heights, Ill.

Curriculum in Interior Design

Jongho Kwon
Seoul, South Korea

BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Breanna Lissa Boben
Woodbury, Minn.

Nathan Michael Kistner
Owyens

Nicole M. Brickman
West Chicago, Ill.

Daniel Elba Stafford
Ames

Stephanie Michelle Erwin
East Peoria, Ill.

Brittany Nicole Hoover
Ankeny

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program

Summer 2011 Undergraduate Degrees
CANDIDATES FOR DEGREES
FROM THE COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE

Curriculum in Aerospace Engineering

Jonathan T. Benning
David Wallin Canillas  
Hopkins, Minn.  

Timothy Michael Winkler  
Saint Louis, Mo.

Curriculum in Chemical Engineering

Ryan T. Berg  
Naperville, Ill.  

Corey Charles Schommer  
Lakeville, Minn.

Erwin Francisco Columbus Hagó  
Guayaquil, Ecuador  

Matthew James Stebbins  
Woodstock, Ill.

* Avni Sanghi  
Ames

Zachary Jacob Stern  
Vernon Hills, Ill.

Curriculum in Civil Engineering

John Anthony Grotkin  
Apple Valley, Minn.  

Kan Long  
Wuhan, China

Qizhe Hou  
Lanzhou, China  

Tyler Douglas Strub  
Indianola

Ying Lai  
Lanzhou, China  

Jewoo Sung  
Seoul, South Korea

Brett Michael Langley  
Sioux City  

Ross Benjamin Tuttle  
Boone

Cheng Li  
Lanzhou, China

Feng Zhang  
Lanzhou, China

* Kan Long  
Wuhan, China

Curriculum in Computer Engineering

Joseph A. Briggie  
Cedar Rapids

Brandon William Reher  
Des Moines

Curriculum in Construction Engineering

Casey Lee Adams  
Indianola

Joseph Paul Rains  
Perry

Ryan Neal Catus  
Ames

Shea Stephen Ridge  
Cedar Rapids

Jacob Benjamin Conkin  
State Center

Philip Joseph Sidles  
Centerville

Scott Phillip Cronin  
Johnston

Michael Aaron Van Drew  
Pleasant Hill

Bridget Lee Horan  
Eagan, Minn.

Lauren Kelsey Wiest  
Bettendorf

Jay Andrew Prettyman  
Prior Lake, Minn.

Curriculum in Electrical Engineering

Troy Allen Coakley  
Dubuque

Zijun Lan  
Roseville, Minn.
### Curriculum in Industrial Engineering

<table>
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<tr>
<td>Brett M. Wetzel</td>
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### Curriculum in Mechanical Engineering

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### Multiple Curricula and Major

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CANDIDATES FOR DEGREES
FROM THE COLLEGE OF HUMAN SCIENCES

BACHELOR OF SCIENCE

Curriculum in Apparel, Merchandising, and Design

Christina M. Barker  Marshalltown

Curriculum in Apparel Merchandising, Design, and Production

Randy Bryan Aburto  Des Moines  Magan DeeAnn Mason  Royal
Emily Catherine Armstrong  Rochester, Minn.  * Stephanie Marie McEnroe  Ames
Kaitlyn Anne Batt  Council Bluffs  * Susan Michelle Nemeth-Wild  Bettendorf
Kendall TeeAnna Carter  Waterloo  † Natasha Naté Oakley  Des Moines
Alexandra K. Davis  Sioux City  Hanna Eun Park  Des Moines
Steven Lee Gordon  Nevada  Rachel Ann Stanley  Jefferson
Alison Elizabeth Hansen  Odebolt  Whitney J. R. Stinemates  West Burlington
Sydnie DeAnne Howk  Drakesville  Chelsey Lee Stoner  Jefferson
Lindsey Jo Huxford  Norwalk  Nicole June Suhr  Ruthven
Asia Marie James  Windsor Heights  Rachel Marie Thompson  Ames
Emily Elizabeth Jespersen  Rock Valley  Kelsey Kae Tourte  Paton
Cole Donald Kersey  Rock Valley  Sharon Elizabeth Wade  White Plains, N.Y.

Curriculum in Child, Adult, and Family Services

Christina Maral Bannayan  Edina, Minn.  Jessica Lynn Hull  North Bend, Neb.
Patricia Elizabeth Bratton  Panora  * Alyssa Renee Hyler  Des Moines
Brittney Erin Bunce  Tripoli  Silas Scott Jensen  Alexander
Allison Mae DeRocher  Merrill  **† Kathrine Charlotte Koch  Burnsville, Minn.
Cindy Ann Enyart  Postville  Molly Eileen Krommenhoek  Sioux City
Nicole Kathleen Fisher  Ellsworth  Caleb Alan Luckow  Webster City
Patricia Ann Flannery  Des Moines  Linley Marie McComb  Marshalltown
Elizabeth Ann Gangestad  Marion  Balkisa Ahmed Mohamed  Ames
Krystina Liz Guerrero Hernández  San Juan, Puerto Rico  Emily Beth Mujica  Mason City
Emily Sue Hansen  Ames  Audrey Elise Stewart  Urbandale
Angela Marie Harbour  Pleasant Hill  Elizabeth Newton Ward  Geneseo, Ill.
Christopher Mark Hinderks  Webster City  Jessica Jacqueline Wilson  Montezuma
Karlee Sue Holbrook  Dakota Dunes, S. Dak.  ** Ashley Nicole Wittrock  Algona

Curriculum in Culinary Science

*** Brittany Leanne Springmeier  Davenport

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Diet and Exercise

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<td>Rachel Bell</td>
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### Curriculum in Dietetics

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### Curriculum in Early Childhood Education

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<td>Laura Angeline Belmont</td>
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### Curriculum in Elementary Education

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### Curriculum in Family and Consumer Sciences Education and Studies

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### Curriculum in Family Finance, Housing, and Policy

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### Curriculum in Food Science

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<td>Sonia Wu Wu</td>
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### Curriculum in Hotel, Restaurant and Institution Management

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### Curriculum in Kinesiology and Health

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* Cum Laude
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*** Summa Cum Laude
† Honors Program
Kayci Ann Guinn
Jovan Lin Hampton
Samantha J. Harris
Tarry L. Heckathorn
Sara Kristyne Heeren
Jillian Janae Heimbruch
Matt Gregory Held
Joelle Marissa Henley
Christina Elizabeth Hillman
Emily Elizabeth Johnston
Matthew Scott Kenny
Collin Jacob Kilburg
Caitlin Marie Lindsey King
Brianna Dawn Lockie
Cameron Lee Matheny
Alexander J. Meyer
Andrew Jackson Mitchell
Kasey Nicole Moore

Moulton
Cedar Falls
Mason City
Des Moines
Mount Vernon
Story City
Mason City
Toledo
Grand Junction
Bettendorf
Fort Dodge
Bellevue
Woodbury, Minn.
Marion
Roland
Fort Dodge
Chariton

Miguel Antonio Negrete
Emily Kathryn Nugent
Adrianna E. O’Neill
Ashlea Diane Pein
Richard Lee Reese
Haley Elaine Risdal
Kilee Marie Roggatz
Stephanie Ann Shuey
Andrew R. Sorenson
Eileen Alice Stevens
Emmy Lynne Truckenmiller
Todd Myles Tuetken
Jenna Rae Van Winkle
Ashley Ann Watson
Carissa Jo Westergard
Shayla Renea Williams

Tama
Benzonia, Mich.
Olathe, Kans.
Glenwood
Des Moines
Story City
Anthon
Ames
Woden
Chicago, Ill.
Rockford
Boone
Monticello
Apple Valley, Minn.
Urbandale
Ireton
Des Moines

Multiple Curricula and Major

Teresa Jean Riesburg

Kinesiology and Health
and Liberal Arts and Sciences:
Major in Journalism and Mass Communication

Carroll
**Candidates for Degrees from the College of Liberal Arts and Sciences**

**Bachelor of Arts**

Curriculum in Liberal Arts and Sciences

### Major in Advertising

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<td>Mary Christina Frommelt</td>
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### Major in Anthropology

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### Major in Chemistry

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### Major in Communication Studies

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<td>Alex Dean Foster</td>
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### Major in History

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** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
## Major in Interdisciplinary Studies (Criminology and Criminal Justice)

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## Major in Linguistics

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## Major in Performing Arts

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## Major in Philosophy

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## Major in Political Science

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## Major in Speech Communication

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## Multiple Curricula and Majors

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** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
**Bachelor of Liberal Studies**

**Curriculum in Liberal Studies**

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**Bachelor of Science**

**Curriculum in Liberal Arts and Sciences**

**Major in Anthropology**

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**Major in Biochemistry**

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<td>Tasida Caron Fisher</td>
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**Major in Bioinformatics and Computational Biology**

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† Honors Program
### Major in Biology

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### Major in Biophysics

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<tr>
<td>Omar Mohamed Al Yahyaei</td>
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### Major in Chemistry

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<tr>
<td>Yassir Abd Elaziz Mahmoud</td>
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### Major in Computer Science

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<tr>
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### Major in Economics

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### Major in Environmental Science

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### Major in Genetics

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### Major in Geology

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<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>State</th>
<th>Honors Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sarah Jane Feiner</td>
<td>Sergeant Bluff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Christina Rose Murphy</td>
<td>Guthrie Center</td>
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### Major in History

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Marcus Robert Beasley</td>
<td>Minneapolis, Minn.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kyle Martin Boyens</td>
<td>Ackley</td>
<td></td>
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</tr>
<tr>
<td>James Robert Faber</td>
<td>Des Moines</td>
<td></td>
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<tr>
<td>Emily Jean Howard</td>
<td>Des Moines</td>
<td></td>
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</tr>
<tr>
<td>Matthew Dean Jans</td>
<td>Fostoria</td>
<td></td>
<td></td>
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<tr>
<td>** Tyler Joseph Maiers</td>
<td>Cedar Rapids</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thao Hong Thi Nguyen</td>
<td>Iowa City</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Savanna Marie Tuon</td>
<td>Des Moines</td>
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<tr>
<td>** Nicholas Robert Miller</td>
<td>West Des Moines</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
## Major in Journalism and Mass Communication

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Kendra Renee Alley</td>
<td>West Des Moines</td>
<td></td>
</tr>
<tr>
<td>Nathan Andrew Curtis</td>
<td>Griswold</td>
<td></td>
</tr>
<tr>
<td>Nicole Marie Halvorson</td>
<td>Chillicothe, Ill.</td>
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</tr>
<tr>
<td>Sophie Elizabeth Hayek</td>
<td>Des Moines</td>
<td></td>
</tr>
<tr>
<td>Anna Marie O’Connell</td>
<td>Marion</td>
<td></td>
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<tr>
<td>Sophia Lynne Prell</td>
<td>Aurelia</td>
<td></td>
</tr>
<tr>
<td>Laurel Christine Scott</td>
<td>Ames</td>
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<tr>
<td>Kevin Conrad Shay</td>
<td>Naperville, Ill.</td>
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<tr>
<td>Nicholas Wright Tillinghast</td>
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<tr>
<td>Holly Katherine Van Steenhuysen</td>
<td>Bettendorf</td>
<td></td>
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<tr>
<td>Whitney Jo Wolf</td>
<td>Diagonal</td>
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## Major in Mathematics

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<tr>
<td>Joseph Stephen Byrnes</td>
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<tr>
<td>Justin Darrell Goza</td>
<td>Shenandoah</td>
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<tr>
<td>Neil Douglas Keifer</td>
<td>Ankeny</td>
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<tr>
<td>Brittney Kay Shaull</td>
<td>DeepRiver</td>
<td></td>
</tr>
<tr>
<td>Long Su</td>
<td>Wuhan, China</td>
<td></td>
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<tr>
<td>Zheng Zhong</td>
<td>Huaibei, China</td>
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## Major in Physics

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<tr>
<td>Joseph Stephen Byrnes</td>
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<tr>
<td>Tyler Andrew Pauly</td>
<td>Winterset</td>
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## Major in Psychology

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Nicholas Donald Anderson</td>
<td>Dubuque</td>
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<tr>
<td>Moriah Jane Brittain</td>
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<tr>
<td>Kevin Richard Crow</td>
<td>Belle Plaine</td>
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<tr>
<td>Melissa Christine Goede</td>
<td>Harlan</td>
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<tr>
<td>Kelly Mickie Kinning</td>
<td>Urbandale</td>
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<tr>
<td>Ashley Rachelle Linduski</td>
<td>Ames</td>
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<tr>
<td>Katherine Ann Paxton</td>
<td>Omaha, Neb.</td>
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<tr>
<td>Erik Scott Schaller</td>
<td>Ames</td>
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<tr>
<td>John A. Teter</td>
<td>Des Moines</td>
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<tr>
<td>Amy Linnea Thom</td>
<td>Eden Prairie, Minn.</td>
<td></td>
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<tr>
<td>Dat Minh Trinh</td>
<td>Des Moines</td>
<td></td>
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<tr>
<td>Laura Whitney Woodcock</td>
<td>Ankeny</td>
<td></td>
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<tr>
<td>Devin Garrett Wunschel</td>
<td>Woodward</td>
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## Major in Sociology

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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</thead>
<tbody>
<tr>
<td>Kristy Lynn Clemens</td>
<td>Pleasant Hill</td>
<td></td>
</tr>
<tr>
<td>Brandon Duane Gourley</td>
<td>Overland Park, Kans.</td>
<td></td>
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<tr>
<td>Tyler Wayde Klingbeil</td>
<td>Gilbert</td>
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<tr>
<td>Kari Jean Niehus</td>
<td>Marcus</td>
<td></td>
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<tr>
<td>Elizabeth Eden Pearson</td>
<td>Winterset</td>
<td></td>
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<tr>
<td>Sheryle Lynn Yankey</td>
<td>Sloan</td>
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## Major in Statistics

<table>
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<tr>
<th>Name</th>
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<th>Degree</th>
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<tbody>
<tr>
<td>Kaylin Rose Kelchen</td>
<td>Manchester</td>
<td></td>
</tr>
<tr>
<td>Minjoung Kim</td>
<td>Daegu, South Korea</td>
<td></td>
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## Major in Technical Communication

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kristin Leigh Rogers</td>
<td>Runnells</td>
<td></td>
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</table>
# Multiple Curricula and Majors

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degree and Majors</th>
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</thead>
<tbody>
<tr>
<td>Brittney Marie Christensen</td>
<td>Underwood</td>
<td>Sociology and Interdisciplinary Studies</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Criminology and Criminal Justice)</td>
</tr>
<tr>
<td>Chelsea Lee Davis</td>
<td>Ames</td>
<td>Journalism and Mass Communication and French</td>
</tr>
<tr>
<td>* Sarah Kaitlyn Haas</td>
<td>Cedar Rapids</td>
<td>Journalism and Mass Communication and Anthropology</td>
</tr>
<tr>
<td>* Wenting He</td>
<td>Ames</td>
<td>Mathematics and Statistics</td>
</tr>
<tr>
<td>Bridget Julia Menge</td>
<td>Cedar Rapids</td>
<td>Psychology and Spanish</td>
</tr>
<tr>
<td>Suraj Jugal Raval</td>
<td>Fort Dodge</td>
<td>Biology and Psychology</td>
</tr>
<tr>
<td>Jose Luis Serrato</td>
<td>Laredo, Tex.</td>
<td>Psychology and History</td>
</tr>
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</table>
PAST HONORARY DEGREE RECIPIENTS

The first honorary degree was conferred in 1877. Following is a list of those receiving honorary degrees, starting with the year they received the degree, followed by their name and the honorary degree they received. In some cases a notation is included about the individual if that information is available.

1877: Isaac R. Roberts, Master of Agriculture. Farm Superintendent at Iowa State University.


1879: James L. Geddes, Master of Philosophy. Distinguished career in the British and Union Armies; first professor of military tactics at Iowa State.

1887: A. A. Bennett, Master of Science.

1887: Luther Foster, Master of Agriculture. B.S., 1872, Iowa State.

1887: M. Stalker, Master of Science. B.S., 1873, Iowa State; first editor Aurora, the student newspaper; developed the curriculum in Veterinary Science.

1887: E. W. Stanton, Master of Science. B.S., 1872, Iowa State in the first graduating class; Acting President of Iowa State four times.

1890: Charles Kef fer, Master of Horticulture; received another honorary degree in 1914. Only two people in Iowa State history have received two honorary degrees.

1895: Mattie Locke Macomber, Master of Philosophy. B.S., 1872, Iowa State in the first graduating class.

1897: James W. Wilson, Master of Agriculture. B.S., 1896, Iowa State; agronomist with the USDA and an authority on plant rust.

1903: Robert B. Armstrong, Master of Philosophy.

1903: W. T. Hornaday, Master of Philosophy. World-famed naturalist and zoologist.

1907: J. C. Blair, Master of Agriculture.

1907: I. B. Schreckengast, Master of Philosophy.

1908: Virginia Corbett, Master of Philosophy. B.S., 1893, Iowa State; Dean of Women at Colorado State at Fort Collins.


1909: James W. Robertson, Doctor of Science.

1914: Charles Kef fer, Doctor of Science.

1914: George L. McKay, Doctor of Science. Recognized for his work in dairying.

1914: James Wilson, Doctor of Science.

1915: Marion Dorset, Doctor of Veterinary Medicine.

1915: LaVerne Noyes, Doctor of Engineering. B.S., 1872, Iowa State in the first graduating class.


1916: Herbert Osborn, Doctor of Science. B.S., 1879, Iowa State; helped organize the Iowa Academy of Science.

1916: Willis Whited, Doctor of Engineering. B.S., 1879, Iowa State; bridge engineer in Pennsylvania with the State Highway Department.

1920: Isabelle Bevier, Doctor of Science. Head of the Department of Home Economics at the University of Illinois.

1909: Joseph Charles Arthur, Doctor of Science. B.S., 1872, M.S., 1877, Iowa State, which was the first advanced degree from Iowa State; first librarian at Iowa State.

1920: Deon Eugene Davenport, Doctor of Science. Dean of the School of Agriculture at the University of Illinois.


1925: George I. Christie, Doctor of Science. B.S., 1903, Iowa State; Under Secretary of Agriculture, U.S.D.A.


1926: Matt Luckiesh, Doctor of Science.

1928: George R. Chatburn, Doctor of Agriculture. B.S., 1893, Iowa State; head of the Department of Civil Engineering at the University of Nebraska.


1929: Clifford P Fitch, Doctor of Science.

1929: Thomas H. MacDonald, Doctor of Science. B.S., 1904, Iowa State; first Secretary and Highway Engineer for the Iowa Highway Commission.


1934: Henry Agard Wallace, Doctor of Science. B.S., 1910, M.S., 1920, Iowa State; U.S. Secretary of Agriculture; was Vice President under Franklin D. Roosevelt; DAC recipient in 1964.*


1936: Raymond Mollyneaux Hughes, Doctor of Laws; president of Iowa State from 1927 to 1936; his Handbook for College Trustees was well regarded.

1940: Maria M. Roberts, Doctor of Laws. B.S., 1890, Iowa State; professor of mathematics and dean of the Junior College at Iowa State.

1942: George Harrison Shull, Doctor of Science.


1944: Rush B. Lincoln, Doctor of Science.


1945: Thomas Ray Stanton, Doctor of Agriculture.

1947: Mabel V. Campbell, Doctor of Science, honorary degree conferred at the convocation celebrating 75 years of home economics at Iowa State. B.S., 1905, Iowa State.

1947: Hazel Steibling, Doctor of Science; honorary degree conferred at the convocation celebrating 75 years of home economics at Iowa State. Chief of the Bureau of Human Nutrition and Home Economics, U.S.D.A.


1948: Louis Bevier Spinney, Doctor of Science. B.S., 1892; B.S., 1893, Iowa State; taught physics and electrical engineering in the Beardshear administration; later became head of the Department of Physics.


1951: Harry C. Murphy, Doctor of Engineering; president of the Burlington Railroad System.


1952: Ruth Buxton Sayre, Doctor of Laws. Outstanding woman in Iowa agriculture; helped found Associated Country Women of the World; appointed by President Eisenhower to the Agricultural Advisory Committee in 1950; held posts in local, state and national Farm Bureau women's organizations.


1953: Fred T. Whiting, Doctor of Engineering. B.S., 1913, Iowa State; vice president for Westinghouse Company in charge of the Northwest district.

1954: Thomas Roy Truax, Doctor of Agriculture. B.S., 1912, Iowa State; head of the Forest Products Division of the U.S.D.A. at Madison, Wisconsin; honorary degree conferred at the 50th anniversary of the Department of Forestry.

1955: Almon H. Fuller, Doctor of Engineering. Head of the Department of Civil Engineering at Iowa State.


1956: John Foster Dulles, Doctor of Laws. U.S. Secretary of State.


1958: Ralph Kenneth Bliss, Doctor of Science. B.S., 1905, Iowa State; director of Agriculture and Home Economics Extension at Iowa State.


1958: Robert Earle Buchanan, Doctor of Science. B.S., 1904, Iowa State; dean of industrial science, head of the Department of Bacteriology, Dean of the Graduate College, and director of the Agricultural Experiment Station at Iowa State.


1958: Edward Bertram Evans, Doctor of Science. D.V.M., 1918, Iowa State; the centennial program carried the following, ‘Veterinarian, Agricultural Educator.’ DAC recipient in 1968.*


1958: Allan Blair Kline, Doctor of Science. B.S., 1938, Iowa State; president of the American Farm Bureau.

1958: Beth Daily McLean, Doctor of Science. M.S., 1933, Iowa State; the centennial program carried the following, "Home Economist, Business Woman."

1958: James Lewis Morrill, Doctor of Laws. President of the University of Minnesota.

1958: George Waddell Snecdor, Doctor of Science. Organized the Statistical Laboratory; first head of the Department of Statistics.


1993: Charles Concordia, Doctor of Science. One of the most distinguished power systems engineers in the world.


1994: Hugh S. Sidey, Doctor of Humane Letters. B.S., 1950, Iowa State; staff member and columnist for Time magazine for more than 30 years; first recipient of James W. Schwartz Award for "Distinguished Service to Journalism and Mass Communication; DAC recipient in 1972.*


1997: Simon Estes, Doctor of Humane Letters. studied voice at the University of Iowa from 1956-1963; from 1964 to 1965 studied at the Julliard School of Music; distinguished faculty member at Julliard since 1966; recognized for extraordinary achievements in operatic music, philanthropy, and generosity to disadvantaged children; named Honorary Alumnus in 2007.


1998: Federico Mayor, Doctor of Science. Recognized for his extraordinary achievements as a biochemist and for promoting peace in the Middle East and throughout the world.

2000: John Vincent Atanasoff, Doctor of Science. Designed, assembled and demonstrated the first electronic digital computer, the Atanasoff-Berry Computer, in the basement of Iowa State University's Physics Building; he remains an inspiration to generations of Iowa Staters with his legacy of inquiry and excellence in the physical sciences and engineering; DAC recipient in 1984.*


2000: Jean Marie Dubois, Doctor of Science. One of the world's leading researchers in the area of quasicrystals; credited with fostering and guiding collaborative research on useful applications for quasicrystals, including a project involving scientists at Iowa State University and the Ames Laboratory.

2001: Keith R. Yamamoto, Doctor of Science. B.S., 1968, Iowa State; internationally known research scientist and a leader in national science policy; known for his breakthrough work on steroid hormone receptors; DAC recipient in 1997.*

2001: John Ruan, Doctor of Humane Letters. Chairman and CEO of The Ruan Companies, Des Moines; recognized for his generosity to the city of Des Moines, his home state of Iowa and the international community; founder and ongoing supporter of the World Food Prize Foundation, publicizes the challenges of feeding the world and recognizes significant advances in our capacity to produce, improve and distribute food.

2002: Dr. M. Daniel Lane, Doctor of Humane Letters. Contributions to research in the fields of biochemistry and nutrition; international leader in understanding the development and mechanisms underlying obesity; contributed to development of appetite-controlling drug; ground-breaking work in insulin signaling and in mechanisms underlying diabetes.

2003: Roy Whistler, Doctor of Science. Ph.D., 1938, Iowa State; internationally recognized leader in carbohydrate research for more than half a century; DAC recipient in 1999.*

2003: Joanne Eicher, Doctor of Humane Letters. Played a key role in developing an understanding of and respect for African textiles in this country.

2006: Vance Coffman, Doctor of Science. B.S., 1967, Iowa State; widely respected by the nation's military and civilian leaders, often sought for advice on national security goals; DAC recipient in 1999.*

2006: Graham B. Spanier, Doctor of Humane Letters. B.S., 1969, M.S., 1971, Iowa State; president of the Pennsylvania State University; known as one of the nation's premier leaders in higher education issues and helping universities meet the changing needs of the society and world; recipient of Distinguished Alumni Award in 2004.
2006: **Monkombu Sambasivan Swaminathan, Doctor of Humane Letters.** Ph.D in plant genetics from Cambridge University; acclaimed by TIME magazine as one of the 20 most influential Asians of the 20th century and one of three from India, the others being Mahatma Gandhi and Rabindranath Tagore; considered a world leader in sustainable food security.

2006: **Robert D. Ray, Doctor of Humane Letters.** an attorney in Des Moines for 14 years; he served an unprecedented five terms as Governor of Iowa, from 1969-1983, served as a U.S. representative to the United Nations; named “Most Influential Iowan” at the turn of the century and holds honorary degrees from 17 colleges and universities.

2007: **Robert Byron Bird, Doctor of Science.** B.S., University of Illinois; Ph.D., Wisconsin; Vilas Professor Emeritus of chemical and biological engineering at the University of Wisconsin, Madison; known for five decades of books and research in chemical engineering and thermal science; Fulbright Lecturer and Guggenheim Fellow at Technische Universiteit, Delft, The Netherlands; Fulbright Professor at Kyoto University and Nagoya University, Japan; Fulbright Lecturer at the University of Sarajevo, Bosnia; and a visiting professor at universities in the United States, China and Belgium.

2007: **John Pappajohn, Doctor of Humane Letters.** Founder and president of Equity Dynamics, Inc., and Pappajohn Capital Resources, a venture capital firm; director on more than 40 public and private boards; launched the Pappajohn Centers for Entrepreneurship at several Iowa colleges; Iowa Philanthropist of the Year Award in 1998, and Honorary Alumni of Iowa State University in 2005.

2008: **Michael M. Crow, Doctor of Humane Letters.** B.S., 1977 Iowa State; Ph.D., 1985, Maxwell School of Citizenship and Public Affairs, Syracuse University; president, Arizona State University; faculty member: University of Kentucky, Columbia University, Iowa State (1985-1991). Helped establish more than 15 applied research centers and technology transfer organizational structures and mechanisms. Involved with Institute for Physical Research and Technology (IPRT) and Center for Crops Utilization Research (CCUR). Served as senior adviser to U.S. Departments of State and Commerce on science and technology policy related to intelligence and national security; a Fellow of the National Academy of Public Administration; and member, Council on Foreign Relations.

2008: **Kenneth M. Quinn, Doctor of Humane Letters.** Graduate of Wahlert High School and Loras College; former U.S. Ambassador to the Kingdom of Cambodia; president, World Food Prize Foundation; member, American Foreign Service; member, Henry Kissinger’s National Security Council; Special Assistant to Ambassador Richard Holbrooke; Narcotics Counselor at US mission to the United Nations in Vienna; humanitarian efforts on behalf of refugees; Chair of the Inter-agency Task Force on POW/MIA; and member of the US-Russia POW/MIA Commission.

2009: **J. Dwayne McAninch, Doctor of Science.** Founder, McAninch Corporation; advisor to the board of Caterpillar/Trimble Control Technologies, LLC; provided leadership for applying GPS technology to construction methods.

2009: **Chan Koo Park, Doctor of Science.** B.S., 1976 Iowa State; Chairman and CEO of chemical operations, Kumho Asiana Group; leader and innovator in the petrochemical industry; helped establish Asiana Airline, Kumho Express and Kumho Telecomm divisions; awards include: Gold Tower Industry Honor, Korea’s highest corporate CEO award, Korea’s Environment-Friendly Award, and several awards from the Office of the Korean President for contributions to the national economy, industry safety standards, labor relations, the environment and social responsibility.

2009: **M. Patricia Quinlisk, Doctor of Science.** B.S. University of Wisconsin, Stevens Point; Master of Public Health from Johns Hopkins University; and M.D. from the University of Wisconsin, Madison. Epidemiologist and Medical Director of the Iowa Department of Public Health for the state of Iowa.

2010: **Harold L. Brock, Doctor of Science.** Apprenticed with Henry Ford at the Ford Trade and Apprentice School at age 15 and became Henry Ford’s personal engineer; founding member of the board of directors of Hawkeye Community College in Waterloo; the Brock Student Center at Hawkeye Community College named in his honor; Director of Tractor Research and later Manager of Product Engineering at the John Deere Waterloo Tractor Works; designed the Deere 4020 tractor and brought it into production in 1963; founding member and president of the Society of Automotive Engineers (SAE), Mississippi Valley Section; recipient of the Cyrus Hall McCormick-Jerome Increase Case Gold Medal from the ASABE.

2010: **Jonathan D. Rich, Doctor of Science.** B.S. Iowa State; Ph.D. University of Wisconsin; over 20 years of experience in the silicones industry, starting as a research chemist and progressing to CEO of the second-largest producer of silicones and silicone derivatives in the world; director of Momentive Performance Materials Inc. in June 2007; joined Goodyear Tire and Rubber Company in 2000, serving as director of chemical R&D, president of Goodyear Chemical, and in 2002 was named president, North American Tire, and Chairman of the Board, Goodyear Dunlop Tires NA; serves on Iowa State University’s Institute for Physical Research and Technology (IPRT) Industrial Advisory Board.

2011: **Harold Scheraga, Doctor of Science.** B.S., 1941, City College of New York; A.M., 1942 & Ph.D., 1946 Duke University; one of the world’s leading physical chemists working on macromolecules, primarily proteins and nucleic acids, member of the National Academy of Science and American Academy of Arts and Science, and a Fellow of the American Chemical Society, Biophysical society, and American Association for the Advancement of Science, six-time Fogarty Scholar of the National Institutes of Health. Four of his papers have been designated as “citation classics” by the journal Current Contents, and in the March 1982 issue, he was listed as the most frequently cited physical chemist in the world. In a 2009 ranking of the 2,000 most notable living chemists, he was ranked 11th.

2011: **Robert N. Shelton, Doctor of Science.** B.S., Stanford University; M.S. & Ph.D., University of California; 19th president of the University of Arizona, affiliated with the Ames Laboratory of the U.S. Department of Energy at ISU, in 1987, he joined the faculty at the University of California, Davis, as professor and chair of the Department of Physics, appointed Vice Chancellor for Research in 1990, and Vice Provost for Research of the University of California system in 1996, in 2001, he joined the University of North Carolina, Chapel Hill, as Executive Vice Chancellor and Provost. Dr. Shelton’s research has focused on collective electron effects in novel materials, and he made many significant contributions to the advancement of superconductivity and superconductive materials.

* Distinguished Achievement Citation, the highest award granted to university alumni