Dear Iowa State University Graduates and Guests:

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
REGENTS HONOR PRESIDENT GEOFFROY

Iowa State University President to step down January 16, 2012, after 10-1/2 years at the helm

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 Iowa State University 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.
**Academic Regalia**

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, an 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 VEISHEAs 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.
COMMEMCENCEMENT 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

Confering 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

Confering 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

Confering 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

Confering 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
arr. Michael Golemo
Jocelyn M. Ascherl, Vocalist

Recessional
La Mourisque ................................................................. Tylman Susato

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

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

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. McQueney, Physics and Astronomy
Terrence R. Meyer, Mechanical Engineering
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
‡Endowed Chair
#University Professor
‡‡Endowed Professorship
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

Marc Harding

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
Benjamin Kane *

French Horn
Kristyna Carter
Chloe Dedic
Jeffrey Makinster

Tuba
Daniel Jensen
Joseph Waters

Percussion
Hillary Holmes
Lee Plummer

* Graduating Student
Commencement Speaker

and

Honorary Degree Recipient, Doctor of Humane Letters

Benjamin J. Allen

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 metabolism 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
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 amphiphillic 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  
Ames  
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
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.Educ., 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 NH$_3$-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;  
Mestr., University of Brasilia  
Department: Chemistry  
Major: Chemistry  
Dissertation: Natural oil-based composites reinforced with natural fillers, and conjugation/isomerization of carbon-carbon double bonds

§ 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

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

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

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

§ 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

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

§ 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

$§$ 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

§ 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

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

§ Research Excellence Award  
†† Teaching Excellence Award
Neevan Kakkan Ramalingam  
Coimbatore, 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
†† 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

Rajashekar 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
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.Educ., 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., Huazhong University of Science and Technology  
M.E., Ibid.

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 Zhao  
Tianjin, China

B.E., Xian 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
MASTER OF ACCOUNTING

Corey James Bach  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
West Des Moines

Amanda Jane Bailey  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Mason City

Megan Renee Batcheller  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Fort Dodge

Stephanie Ann Connell  
B.S., Dana College;  
B.A., Ibid.  
Department: Accounting  
Major: Accounting  
Harlan

Alyssa Brooke Elgersma  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Nevada

Krista Ann Fox  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Osage

Alan Scott Hinkeldey  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Alta

Jason Timothy Hunziker  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Auburn

Donghak Lee  
B.Mgmt., Dongguk University;  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Seoul, South Korea

Sijia Li  
B.S., Missouri State University  
Department: Accounting  
Major: Accounting  
Diaobingshan, China

Carien Christiani Natalia  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Jakarta, Indonesia

Sarah Kaye Sletten  
B.S., Iowa State University;  
B.S., Ibid.;  
B.S., Ibid.  
Department: Accounting  
Major: Accounting  
Osage

Chia-Hui Tai  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Taipei, Taiwan

Brittany Nicole Vonk  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Adel

Chao Wang  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Zhengzhou, China

Yixian Zhang  
B.Mgmt., Tianjin University of Finance and Economics  
Department: Accounting  
Major: Accounting  
Karamay, China

Zhao Zhao  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Suzhou, China

Ting Li Zhou  
B.S., Iowa State University  
Department: Accounting  
Major: Accounting  
Carroll
MASTER OF AGRICULTURE

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

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

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

MASTER OF ARCHITECTURE

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

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

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

Brian Burnell Walker
B.Arch., Iowa State University
Department: Architecture
Major: Architecture
Mason City

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

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
B.A., University of Iowa; J.D., Ibid.
Department: Political Science
Major: Political Science
Des Moines

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

Nicholas M. Sherman
B.A., University of Oregon
Department: History
Major: History
Portland, Oreg.

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

Thesis: The sky or acorns? A constitutional analysis of presidential signing statements

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

Thesis: Iowa’s Lincoln Highway: The social and political transformations of automotive history and the economic impacts of small town Iowa
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
B.A., University of Northern Iowa
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)

§ Research Excellence Award
† † Teaching Excellence Award
MASTER OF COMMUNITY AND REGIONAL PLANNING

Katie Jo Dirks
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
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
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
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

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

Sally Anna Raye Brown
B.A., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Robert Kenneth Burnett
B.S., Iowa State University; M.A.T., Morningside College
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Travis Scott Busby
B.S., Iowa State University; M.A.E., Viterbo University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Nicholas Patrick Caley
B.A., John Carroll University; M.A., University of Akron
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Joseph Michael Capesius
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Darrin Patrick Carson
B.A., Buena Vista University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>City</th>
<th>Department</th>
<th>Major</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Matthew D. Cibula</td>
<td>University of Northern Iowa</td>
<td>Grimes</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
<td></td>
</tr>
<tr>
<td>Kevin L. Cochran</td>
<td>Buena Vista University</td>
<td>Centerville</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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</tr>
<tr>
<td>Stacie L. De Haan</td>
<td>Northwestern College</td>
<td>Milford</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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</tr>
<tr>
<td>Michelle Renee DeHart</td>
<td>University of Northern Iowa</td>
<td>Britt</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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<tr>
<td>Dollie Marie Dillon</td>
<td>Buena Vista University</td>
<td>Hampton</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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<tr>
<td>Diane Louise Flanery</td>
<td>Iowa State University</td>
<td>Guthrie Center</td>
<td>Educational Leadership and Policy Studies</td>
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<tr>
<td>Kalyn J. Hansel</td>
<td>Olivet Nazarene University</td>
<td>Ankeny</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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<tr>
<td>Jennifer Lynn Jacob</td>
<td>Iowa State University</td>
<td>Ankeny</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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<tr>
<td>Beverly Lynn Jenkinson</td>
<td>University of Northern Iowa</td>
<td>Muscatine</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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</tr>
<tr>
<td>Barbara Ellen Jennings</td>
<td>Buena Vista University</td>
<td>Marshalltown</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Higher Education)</td>
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<tr>
<td>Matthew David Johnson</td>
<td>University of Central Missouri</td>
<td>Centerville</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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<tr>
<td>Donna E. Keesling</td>
<td>Buena Vista University</td>
<td>Oskaloosa</td>
<td>Educational Leadership and Policy Studies</td>
<td>Education (Educational Administration)</td>
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<tr>
<td>Jolene Nicole Liebl</td>
<td>Iowa State University</td>
<td>Tracy</td>
<td>Iowa State University; M.A., Viterbo University</td>
<td>Educational Leadership and Policy Studies</td>
<td>Major: Education (Educational Administration)</td>
</tr>
<tr>
<td>Matthew Thomas Manson</td>
<td>Wartburg College</td>
<td>Webster City</td>
<td>Wartburg College</td>
<td>Educational Leadership and Policy Studies</td>
<td>Major: Education (Educational Administration)</td>
</tr>
<tr>
<td>Trevor Dean Miller</td>
<td>Buena Vista University</td>
<td>Carlisle</td>
<td>Buena Vista University; B.S., Upper Iowa University</td>
<td>Educational Leadership and Policy Studies</td>
<td>Major: Education (Educational Administration)</td>
</tr>
</tbody>
</table>
Richard Wade Montgomery III  Ottumwa
B.S., University of Idaho
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Thomas Allan Mueller  Cedar Falls
B.S., University of Iowa
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

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

Tasara Alin Ocheskey  Des Moines
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Carolyn Cobb Paulaitis  Boone
B.S., Iowa State University; M.A., Viterbo University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Tera Rae Pickens  Walford
B.A., Coe College
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Dusty A. Rhodes  Mason City
B.A., Wartburg College
M.S., Buena Vista University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

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

Shane Michael Roenfanz  Clear Lake
B.S., Minnesota State University-Mankato
Department: Educational Leadership and Policy Studies
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  Oskaloosa
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
Kathleen Marie Bronner  Coralville  
B.S., State University of New York-Buffalo  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Ying Xu Brown  Ames  
B.S., Kunming University of Science and Technology  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Walter Wade Calcutt  Pamplico, S.C.  
B.S., Clemson University  
Department: Electrical and Computer Engineering  
Major: Computer Engineering

Jonathon C. Creviston  Muncie, Ind.  
B.S., Ball State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Construction Engineering and Management)

Daniel James DeBoer  Ireton  
B.S., Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Chun Dong  Xinghua, Chian  
B.E., Beijing Institute of Technology  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Marcelo Mawuko Edoh  Lome, Togo  
B.App.S., Southwest Minnesota State University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Jason Brian Elliot  Newbury Park, Calif.  
B.S., University of Kansas  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Yuan Feng  Shenyang, China  
B.E., Shenyang University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering

Clair Robert Franzen  Coggon  
B.A., University of Northern Iowa  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Jean-Claude Gahamanyi  McDonald, Pa.  
Lic., Catholic University of Central Africa; Maitr., Ibid.; M.B.A., East Carolina University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering

Yuanzheng Gong  Luoping, China  
B.E., University of Science and Technology of China  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Joshua David Holm  Iliopolis, Ill.  
B.S., University of Illinois-Urbana Champaign  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Ahmed Hosny Abdelsaboor  Ames  
B.E., Helwan University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Ravi Raj Jain  Cedar Rapids  
B.Tech., Kanpur University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering

Zachary P. Kotlarek  La Crosse, Wis.  
B.S., Iowa State University; M.B.A., Ibid.  
Department: Electrical and Computer Engineering  
Majors: Information Assurance and Computer Engineering

Craig Allen Kreman  Tipton  
B.A., Wartburg College  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Environmental Engineering)

Vikram Malhotra  Melbourne, Fla.  
B.S., Virginia Polytechnic Institute and State University  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Brandon Jeriel McMillen  Waterloo  
B.S., University of Missouri-Columbia  
Department: Mechanical Engineering  
Major: Mechanical Engineering
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  
Waukee  
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

Jay R. K. Smith  
Bosque Farms, Minn.  
B.S., University of New Mexico  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Richard Charles Smith Jr.  
Wright, Minn.  
B.S., University of North Dakota  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Liang Tian  
Yingchong, China  
B.E., Central South University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering

Nicholas Clyde Trent  
Cedar Rapids  
B.S., Mount Mercy College  
Department: Industrial and Manufacturing Systems Engineering  
Major: Systems Engineering

Tong Wang  
Lanzhou, China  
B.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Geotechnical Engineering)

Robert A. Wims  
Knoxville  
B.A., Wartburg College  
Department: Mechanical Engineering  
Major: Mechanical Engineering

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

Camille Olsen Ellis  
Ames  
B.A., Utah State University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences (Family Financial Planning)

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

Karol King  
Boone  
B.S., Iowa State University  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies

Daniel Lorence Lundby  
Marion  
B.S., Iowa State University  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Family and Consumer Sciences (Apparel, Merchandising and Design)
Jennifer Ann Morfitt  
Sanborn  
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  

Jeffrey A. Brinkley  
Hampton  
B.L.S., Iowa State University  
Department: Political Science  
Major: Public Administration  

Kevin Joseph Condon  
West Des Moines  
B.A., University of Iowa  
Department: Political Science  
Major: Public Administration  

Jane Marie Erickson  
Ames  
B.A., College of Wooster  
Department: Political Science  
Major: Public Administration  

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

Michelle Lynn Koch  
Des Moines  
B.A., University of Iowa  
Department: Political Science  
Major: Public Administration  

Jeffrey A. Brinkley  
Hampton  
B.L.S., Iowa State University  
Department: Political Science  
Major: Public Administration  

George Thomas McGuire  
Ames  
B.A., University of Northern Iowa  
Department: Political Science  
Major: Public Administration  

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

Curtis Michael Powers  
Ames  
B.S., Iowa State University  
Department: Political Science  
Major: Public Administration  
Thesis: A comparative analysis of environmental water quality by system of government for nations in the Organization for Economic Co-operation and Development  

Anne Marie Wiltgen  
Kasson, Minn.  
B.A., Iowa State University  
Department: Political Science  
Major: Public Administration  

§ Research Excellence Award  
† † Teaching Excellence Award
## Master of School Mathematics

<table>
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<tr>
<th>Name</th>
<th>City</th>
<th>Degree Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinton James Gentry</td>
<td>Des Moines</td>
<td>B.S., Iowa State University, Department: Mathematics, Major: School Mathematics</td>
</tr>
<tr>
<td>Jody Elizabeth Tomjack</td>
<td>Sioux Falls, S. Dak.</td>
<td>B.S., Iowa State University, Department: Mathematics, Major: School Mathematics</td>
</tr>
</tbody>
</table>

## Master of Science

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degree Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abayomi Abiodun Abatan</td>
<td>Igbesa, Nigeria</td>
<td>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</td>
</tr>
<tr>
<td>Ankit Agrawal</td>
<td>Sewickley, Pa.</td>
<td>B.Tech., Dhirubhai Ambani Institute of Information and Communication Technology, Department: Computer Science, Majors: Computer Science and Human Computer Interaction</td>
</tr>
<tr>
<td>Vurtice C. Albright III</td>
<td>Knox, Ind.</td>
<td>B.S., Tri-State University, Department: Entomology, Major: Toxicology, Thesis: Investigations into the capabilities of switchgrass to phytoremediate atrazine contamination in surface water runoff</td>
</tr>
<tr>
<td>Jeffery T. Alfred</td>
<td>Ames</td>
<td>B.S., Iowa State University, Department: Entomology, Major: Entomology, Thesis: Morphological and molecular techniques for the differentiation of myiasis-causing Sarcophagidae</td>
</tr>
<tr>
<td>Sarah Elizabeth Atwood</td>
<td>Urbandale</td>
<td>B.S., Iowa State University, Department: Agronomy, Major: Genetics, Thesis: Replication protein A and its role in the iron stress response of soybean</td>
</tr>
<tr>
<td>Mehdi Bagherzadeh</td>
<td>Tehran, Iran</td>
<td>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</td>
</tr>
<tr>
<td>Nathan Robert Charles Bestor</td>
<td>Clinton, Wis.</td>
<td>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</td>
</tr>
<tr>
<td>Meher Vani Bojja</td>
<td>Kolkata, India</td>
<td>B.S., University of Calcutta; B.A., Ibid., Department: Interdisciplinary Graduate Studies, Major: Interdisciplinary Graduate Studies (Biological and Physical Sciences)</td>
</tr>
<tr>
<td>Patrick Lee Buckwalter</td>
<td>Mentorville, Minn.</td>
<td>B.S., University of Minnesota-Duluth; M.S., Idaho State University, Department: Agronomy, Major: Agronomy</td>
</tr>
</tbody>
</table>
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., Visveswaraya 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
Jeffrey Dean Duda  
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  
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  
Changddigarh, 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

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

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

§ 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

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

§ Research Excellence Award  
† † Teaching Excellence Award
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 life-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  
**Clive**
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 Srinivas  
**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;  
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
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

Sweta Vangaveti  
Ranchi, India
B.E., Birla Institute of Technology and Science
Department: Physics and Astronomy
Major: Bioinformatics and Computational Biology
Thesis: Coarse-grained electrostatics in phospholipids

Jeffrey Tyler von Brown  
Oskaloosa
B.S., Iowa State University
Department: Business Administration
Major: Transportation
Thesis: A planning methodology for railway construction cost estimation in North America

Laurie Ann Walker  
Mason City
B.S., Iowa State University
Department: Food Science and Human Nutrition
Major: Food Science and Technology
Thesis: Supplementation of laying hen feed with tocopherols and algal (Haematococcus pluvialis) astaxanthin for egg yolk nutrient enhancement and a novel use of egg yolk protein and lecithin in the formation of artificial oil bodies for stabilizing omega-3 oil

Tianhan Wang  
Changshu, China
B.S., Nanjing University of Science and Technology; M.S., Ibid.
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: On-chip current measurement for multi-site electromigration monitoring

Katey H. Warnberg  
Scales Mound, Ill.
B.S., University of Wisconsin-Platteville
Department: Horticulture
Major: Horticulture
Thesis: Direct determination of 1-aminocyclopropane-1-carboxylic acid in plant tissues by using a gas chromatograph with flame-ionization detection

Kristopher Patrick Watts  
Cedar Falls
B.S., Iowa State University
Department: Industrial and Manufacturing Systems Engineering
Major: Industrial Engineering
Thesis: The effect of visual search strategy and overlays on visual inspection of castings
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

<table>
<thead>
<tr>
<th>Student Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Sara Goemaat</td>
<td>Belmond</td>
</tr>
<tr>
<td>Kristine Marie Harms</td>
<td>Anamosa</td>
</tr>
<tr>
<td>Britney Jean Heim</td>
<td>New Albin</td>
</tr>
<tr>
<td>Samantha Kay Holland</td>
<td>Huxley</td>
</tr>
<tr>
<td>Rachel Jane Myers</td>
<td>Waukon</td>
</tr>
<tr>
<td>Sarah Christine Parr</td>
<td>Van Horne</td>
</tr>
<tr>
<td>Karl Luther Renander</td>
<td>Red Oak</td>
</tr>
</tbody>
</table>

### Curriculum in Agricultural Biochemistry

<table>
<thead>
<tr>
<th>Student Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laura Ruth Funk</td>
<td>Shelby Township, Mich.</td>
</tr>
</tbody>
</table>

### Curriculum in Agricultural Business

<table>
<thead>
<tr>
<th>Student Name</th>
<th>City, State</th>
</tr>
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<tbody>
<tr>
<td>Chad Alan Alesch</td>
<td>Marcus</td>
</tr>
<tr>
<td>Weston Kevin Brummer</td>
<td>Indianola</td>
</tr>
<tr>
<td>* Carly Ann Cummings</td>
<td>Pleasantville</td>
</tr>
<tr>
<td>Jason Wyatt Dubberke</td>
<td>Hubbard</td>
</tr>
<tr>
<td>Pamela Anne Griffin</td>
<td>Postville</td>
</tr>
<tr>
<td>** Barton James Howard</td>
<td>Muscatine</td>
</tr>
<tr>
<td>Ashley Kareen Kitzman</td>
<td>Beaman</td>
</tr>
<tr>
<td>Zhaqun Kong</td>
<td>Des Moines</td>
</tr>
<tr>
<td>Jason Lance Kuhlmann</td>
<td>Ute</td>
</tr>
<tr>
<td>** Drew Alan Lietz</td>
<td>Alta</td>
</tr>
<tr>
<td>Tyler John Maynard</td>
<td>Smithland</td>
</tr>
<tr>
<td>Mitchell Louis Meinke</td>
<td>Goldfield</td>
</tr>
<tr>
<td>Alecia Dawn Moser</td>
<td>Garden Grove</td>
</tr>
<tr>
<td>Cody DeLon Newgard</td>
<td>Estherville</td>
</tr>
<tr>
<td>Ross Edward Payne</td>
<td>Decorah</td>
</tr>
<tr>
<td>Alan Dale Peachey</td>
<td>Goshen, Ind.</td>
</tr>
<tr>
<td>Ashley Marie Radcliff</td>
<td>Long Grove</td>
</tr>
<tr>
<td>James Michael Terry</td>
<td>Clive</td>
</tr>
<tr>
<td>Korey Lee Wise</td>
<td>Paullina</td>
</tr>
</tbody>
</table>

### Curriculum in Agricultural Studies

<table>
<thead>
<tr>
<th>Student Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kevin Wayne Anderson</td>
<td>Altoona</td>
</tr>
<tr>
<td>Tanner Lee Bohman</td>
<td>Alexander</td>
</tr>
<tr>
<td>David Joseph Burmeister</td>
<td>Logan</td>
</tr>
<tr>
<td>Jesse James Deardorff</td>
<td>Ames</td>
</tr>
<tr>
<td>Chance Reid Ferguson</td>
<td>Laurys</td>
</tr>
<tr>
<td>Logan Lee Ferguson</td>
<td>New Sharon</td>
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<tr>
<td>Brett Jacob Hansen</td>
<td>Burt</td>
</tr>
<tr>
<td>Brad William Hoover</td>
<td>Osage</td>
</tr>
<tr>
<td>Shelby Ann Johnson</td>
<td>Nevada</td>
</tr>
<tr>
<td>Ashley Lynn Loes</td>
<td>Bernard</td>
</tr>
<tr>
<td>Michael Patrick McEnany</td>
<td>Nauha</td>
</tr>
<tr>
<td>Patrick Grady McGregor</td>
<td>Adair</td>
</tr>
<tr>
<td>Andrew John Noland</td>
<td></td>
</tr>
<tr>
<td>Kati Lyn Nolting</td>
<td>Waukon</td>
</tr>
<tr>
<td>Daniel Dean Poduska</td>
<td>Chelsea</td>
</tr>
<tr>
<td>Calvin William Pudenz</td>
<td>Carroll</td>
</tr>
<tr>
<td>Lily Catherine Randleman</td>
<td>Solon</td>
</tr>
<tr>
<td>Daniel M. Schaa</td>
<td>Kamrar</td>
</tr>
<tr>
<td>Heidi Ann Schaben</td>
<td>Dunlap</td>
</tr>
<tr>
<td>Devin Lynne Sienknecht</td>
<td>Clutter</td>
</tr>
<tr>
<td>Jordan Matthew Steen</td>
<td>Garner</td>
</tr>
<tr>
<td>Derek Joel Van Weelden</td>
<td>Lynnville</td>
</tr>
<tr>
<td>Shane Ryan Vest</td>
<td>Garrison</td>
</tr>
<tr>
<td>Logan Tyler Voga</td>
<td>Story City</td>
</tr>
<tr>
<td>Tyler John Wangsness</td>
<td>Ankeny</td>
</tr>
<tr>
<td>Bret Lowell Wiggins</td>
<td>Mitchellville</td>
</tr>
</tbody>
</table>

* 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>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>
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### Curriculum in Animal Science

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† Honors Program
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*** Summa Cum Laude
† Honors Program
### Curriculum in Industrial Technology

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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

| Name                        | City       | Honors |
|-----------------------------|------------|
| Benjamin Merrill Carlson    | Coulter    |        |
| Agricultural Studies and Environmental Studies |
| Linley Anna Davidson        | Rochelle, Ill. |        |
| Horticulture and Environmental Studies |
| Alex M. Gascho              | Badger     |        |
| Agronomy and Seed Science   |
| Benjamin Michael Hansen     | Harlan     |        |
| Horticulture and Agronomy   |
| Trief Kaleb Henze           | Ames       | **     |
| Biology and Insect Science  |
| Johnathan Tyler Huston      | Columbus Junction |        |
| Agricultural Business and Liberal Arts and Sciences: Major in Economics |
| Travis Galen Rinner         | Oscola     |        |
| Agricultural Studies and Environmental Studies |
| Shelby Kay Williams         | Williamsburg |
| Animal Ecology and Environmental Studies |
| Ning Zhang                  | Beijing, China |        |
| Environmental Science and Liberal Arts and Sciences: Major in Geology |
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
Brittany Rose Borrill
Ames
Stewartville, Minn.
Mason City
Clinton
Creston
Baxter
Pocahontas
Chanhasen, Minn.
Des Moines
Eagan, Minn.
Ankeny
Storm Lake
Eldoret, Kenya
Urbandale
Shanghai, China
Arden Hills, Minn.
Ames

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
Wei Qi 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
Heather Sue Bartlett
Ankeny
Stewartville, Minn.
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
Trey Steven Meyer
Kevin W. Neff
Michael Joseph Nelson, Jr.
John Thomas Nelson-Breckenridge
Erik Clarke Nilius
*** Keri Christina Nyguard
* Gabrielle Marie Putzier
Michael Anthony Dominic Galloway
Saint Ansgar

Ames
Eldoret, Kenya
Nevada
Cedar Rapids
Hawthorn Woods, Ill.
Davenport
Minburn
Des Moines
Ankeny
Ankeny
Leland
Boone

Ames
West Des Moines

Fall 2011 Undergraduate Candidates

* 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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<td>Jerrod John Toney</td>
<td>Elberon</td>
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<tr>
<td>Matthew Steven Trout</td>
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## Major in Marketing

<table>
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<th>Name</th>
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<tr>
<td>Jacob Aaholm</td>
<td>Hornbaek, Denmark</td>
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<tr>
<td>Osoimiyo Omokhele Abalu</td>
<td>Ikeja, Nigeria</td>
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<tr>
<td>Hilal Mohammed Al-Thehli</td>
<td>Abu Dhabi, United Arab Emirates</td>
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<td>Sean Evan Baretich</td>
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<td>Brandon Joseph Behanish</td>
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<td>Kevin William Brim</td>
<td>Webster City</td>
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<tr>
<td>Kyle Martin Broshar</td>
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<td>Brittany Sue Crews</td>
<td>Norwalk</td>
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<td>Anja Marie Dekkers</td>
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<tr>
<td>Michael James Delejsi</td>
<td>Chaska, Minn.</td>
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<tr>
<td>Benjamin Timothy Ellefson</td>
<td>Eldora</td>
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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
Jina 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 Sudaharan
Kristianna 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
Erlin 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  
Accounting and Liberal Arts and Sciences:  
Major in French  
Maquoketa

*** Xian Fei  
Finance and Accounting  
Suzhou, China

James E. Fitzgerald  
Finance and Marketing  
Nevada

* 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  
Cedar Rapids  
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 Reimig  
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

<table>
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<tr>
<th>Name</th>
<th>City</th>
<th>State</th>
<th>Honors</th>
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<tr>
<td>Tomás M. Aguilar</td>
<td>Chicago, Ill.</td>
<td></td>
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<td>Peter Daxdaniel Cilek</td>
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<td>Michelle Yvonne Hidle</td>
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<td>Scott Randall Huffman</td>
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<td>Travis Frank Johnson</td>
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<td>*† Michelle Yvonne Hidle</td>
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<td>*† Xiaoyun Mao</td>
<td>Chengdu, China</td>
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<td>*† Jie Tian</td>
<td>Chongqing, China</td>
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Multiple Curricula

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<td>Kevin Mond</td>
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Bachelor of Arts

Curriculum in Art and Design

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<td>Leslie Day</td>
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<td>* Caitlin Ashley Divelbess</td>
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<td>Sara Anne Eimers</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>Ryan A. Smart</td>
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<td>April Christine Wolf</td>
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Multiple Curricula and Majors

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<tr>
<td>Natasha Lynn Randolph</td>
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<td>Art and Design and Liberal Arts and Sciences: Major in Advertising</td>
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<td>Carolyn Loretta Zuendel</td>
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<td>Art and Design and Liberal Arts and Sciences: Major in Advertising</td>
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Bachelor of Fine Arts

Curriculum in Graphic Design

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<td>Joshua John Burbite</td>
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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

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<td>Anna Kathryn Blake</td>
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<td>Andrew Ralston Corum</td>
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<td>Lindsey Marie Massey</td>
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<td>Kimberly Nicole Hampton</td>
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<td>Daniel A. Neubauer</td>
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<td>** Bethany Joy Johnson</td>
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<td>Kelsey Angelina Keiran</td>
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<td>Emily Ruth Van Nostrand</td>
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<td>Paul R. Klipple</td>
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<td>Jessica Leilani Cecelia Villegas</td>
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### Curriculum in Interior Design

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<tr>
<td>Jerrica Leigh Bein</td>
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### Bachelor of Landscape Architecture

### Curriculum in Landscape Architecture

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<tr>
<td>Jonathan David Nelsen</td>
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<tr>
<td>** Paola Evelyn Sepulveda</td>
<td>Santa Barbara, Calif.</td>
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### Bachelor of Science

### Curriculum in Community and Regional Planning

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<tr>
<td>Rucha Kishor Agnihotri</td>
<td>Ahmedabad, India</td>
<td>Zachary John Kopriva</td>
<td>Traer</td>
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<td>Taylor Christine King</td>
<td>Independence</td>
<td>Colin Matthew Robin</td>
<td>Coralville</td>
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<tr>
<td>Jason Michael Knox</td>
<td>Cedar Falls</td>
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### Multiple Curricula

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<tbody>
<tr>
<td>Ivan Guillermo Gonzalez</td>
<td>Columbus Junction</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Candidates for Degrees from the College of Engineering

Bachelor of Science

Curriculum in Aerospace Engineering

*** Jordan Michael Boedeker Lawler
Nicholas William DuPré West Des Moines
* Matthew Bahr England Andrew
Michael Daniel Gerken Omaha, Neb.
Dusty Joseph Gutzmann Emerson, Neb.
** Mark Benjamin Jackson Cedar Falls
** David William Klassman Elk Grove, Ill.
** James Duane Kleveland Fertile
Nathan Gull Leners 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 McCorkell 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 Bloming 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 Salon

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 Sroka 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

<table>
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<tr>
<th>Student Name</th>
<th>City/State Name</th>
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<tbody>
<tr>
<td>Saif Khalid Al Thehli</td>
<td>Abu Dhabi, United Arab Emirates</td>
</tr>
<tr>
<td>Vishal Deepak Bakshi</td>
<td>Fairfield</td>
</tr>
<tr>
<td>Theodore David Bechtum</td>
<td>Riceville</td>
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<tr>
<td>Mark Anthony Berns</td>
<td>Monona</td>
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<td>Zachary Alan Bonzer</td>
<td>Charles City</td>
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<tr>
<td>Alexandra Geraldine Bruns</td>
<td>Duluth, Minn.</td>
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<tr>
<td>Lacy Marie Croell</td>
<td>Sundance, Wyo.</td>
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<td>Jordan Paul Denman</td>
<td>Earlham</td>
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<td>Tyler James Eldridge</td>
<td>Sioux City</td>
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<td>Lucas D. Fatka</td>
<td>Paton</td>
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<td>David Richard Fiehler</td>
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<tr>
<td>Rachel Emily Franz</td>
<td>Maple Grove, Minn.</td>
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<td>Michael Steven Hahn</td>
<td>Carroll</td>
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<td>Justin S. Harland</td>
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<td>Ryan Jonathan Hirst</td>
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<td>Nicholas Christopher Jackson</td>
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<td>Nathan Louis Lentz</td>
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<td>Lanting Li</td>
<td>Lanzhou, China</td>
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<td>Yulong Liu</td>
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<td>Michael Darrel Marshall</td>
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<td>Nathan Donald Meisgeier</td>
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<td>Sarah Lynn Mestad</td>
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<td>Nathaniel Z. Miller</td>
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<td>Ethan Jerrod Morgan</td>
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<td>Augustin John Palumbo</td>
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## Curriculum in Computer Engineering

<table>
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<tr>
<th>Student Name</th>
<th>City/State Name</th>
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<tbody>
<tr>
<td>Edward T. Cramer</td>
<td>Milwaukee, Wis.</td>
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<tr>
<td>Christopher Robin Daly</td>
<td>Bloomington, Minn.</td>
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<tr>
<td>Arthur M. Fiester</td>
<td>Cedar Rapids</td>
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<td>Tasewell Jackson Fox</td>
<td>Des Moines</td>
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<td>Harsh Goel</td>
<td>Meerut, India</td>
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<td>Robert D. Goetz</td>
<td>Wheaton, Ill.</td>
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<td>Shishir Gupta</td>
<td>New Delhi, India</td>
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<td>Brenton Eugene Hankins</td>
<td>Ankeny</td>
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<td>Davendra Jayasingam</td>
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<td>Anthony James LoBono</td>
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## Curriculum in Construction Engineering

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

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## Curriculum in Industrial Engineering

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## Curriculum in Materials Engineering

| **Austin Bradley Cudworth** | Marion |
| ................................. | ................. |
| **Neal Walter Hanke** | Maple Plain, Minn. |
| **Kristen Ann Lipschultz** | Eden Prairie, Minn. |
| Spenser Davis Mussmann | Clinton |
| Daniel James Madson | Waterloo |
| Mitchell William Scherbring | Manchester |
| Trenton Michael Sorensen | Corning |

## Curriculum in Mechanical Engineering

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

Seth Daniel Buntrock  
Katie Kerigan Githens  
Jeffrey Alan Kramer  
Samora M. Mogaka  
Hutchinson, Minn.  
Johnston  
Council Bluffs  
Indianapolis, Ind.

Christopher Michael Nelson  
Justin Slickers  
Rosemount, Minn.  
La Porte City

Multiple Curricula and Majors

Kyle Jacob Debelak  
Morteza Khosrav  
Nicolaïs Tyler Martinez  
Saint Paul, Minn.  
Ames  
Cedar Rapids  
Materials Engineering and Liberal Arts and Sciences: Major in German  
Aerospace Engineering and Liberal Arts and Sciences: Major in Mathematics  
Materials Engineering and Liberal Arts and Sciences: Major in Spanish  
Omaha, Neb.  
Harrison, Ark.  
Mason City

Anna Claire Potter  
Priscila Magdala Torres  
Hannah Marie Wies  
Civil Engineering and Environmental Studies  
Aerospace Engineering and Liberal Arts and Sciences: Major in Physics  
Industrial Engineering and Environmental Studies

* 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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† Honors Program
### Curriculum in Early Childhood 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

Lacey Jo Lapel  Wall Lake  Nicholas Jon Stevens  Carroll
Ananda Joshua Rozewski  Ames

Curriculum in Food Science

Cody John Dakan  West Des Moines  Amy Lee Van Meter  Shoreview, Minn.

Curriculum in Health and Human Performance

Rian K. Moe  West Des Moines

Curriculum in Hotel, Restaurant, and Institution Management

Mel Andrew Anderson  West Des Moines  Andrea L. Fox  Algonquin, Ill.
Alexandra Catherine Bortle  Ames  Rebecca D. Gomez  Fort Madison
Ryan Lee Christensen  Lohrville  Jodi Lee Van Gorp  Sheldon

Curriculum in Kinesiology and Health

Alison Marie Backous  Nevada  "  Johnston
Ashley Ann Boal  Altoona  Matt G. Morton  Henderson, Tex.
Jennifer Anne Brock  Sheldon  Katelin Elizabeth-Jean Mussell  Eden Prairie, Minn.
Michael Ray Buntin  Norwalk  Evan Samuel Pilch  New London
Daniel James Clark  Ames  *  Cassie Marie Pratt  West Point
Ashley Jo Costanzo  West Des Moines  **  Cody Alan Reed  Des Moines
Charles Thomas Eastlund  Boone  Brian C. Scheil  Cedar Rapids
Joseph Michael Ferguson  Davenport  Zachary Donald Svare  Garner
Diana Mary Fishman  Aurelia  Jennifer Lee Vondenkamp  Elk River, Minn.
Sade Shilis Grant  Sioux City  Nathan Christian Vorm  Johnston
Joel Robert Klonglan  West Des Moines  Nwinnene George Zarakpege  Roynness, Ill.
Nathan John Krakau  Roland  Allie Elizabeth Ladd  Rock Rapids
*  Nathan Michael Lamb  Rock Falls, Ill.

Multiple Curricula and Major

Nicole Leigh McIntosh  Des Moines  Merrideth Suzanne Manning  Johnston
Production and Liberal Arts and Sciences:  Katelin Elizabeth-Jean Mussell  Eden Prairie, Minn.
Major in Journalism and Mass  Evan Samuel Pilch  New London
Communication  **  Cassie Marie Pratt  West Point

*  Cum Laude
**  Magna Cum Laude
***  Summa Cum Laude
†  Honors Program
# 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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#### Major in Anthropology

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#### Biological/Pre-Medical Illustration

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#### Major in Chemistry

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#### Major in Communication Studies

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#### Major in Earth Science

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

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## Major in French

** Claire Elise Wandro | Des Moines |

## Major in History

Chase Michael Green | Des Moines |

## Major in Interdisciplinary Studies (Classical Studies)

Joshua Aaron Harms | Nevada |

## Major in Interdisciplinary Studies (Criminology and Criminal Justice)

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## Major in Journalism and Mass Communication

Kyle Thomas Kramer | Urbandale |

## Major in Performing Arts

Scotty J. Kettner | Hubertus, Wis. |

## Major in Philosophy

Veronica Marie Olson | Eagan, Minn. |
Zachary Gray Sanderson | Peoria, Ill. |

* 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 Sociology

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## Major in Speech Communication

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## Major in World Languages and Cultures (French)

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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

---

Fall 2011 Undergraduate Candidates
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 Sczublewski  
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

John Joel Andrus  
Martensdale
Michelle J. Brobst  
Osceola
*** Kerry Ray Carman  
Des Moines
Carolina Rose Cash  
Des Moines
Amanda Lynn Conn  
West Des Moines
Gavin Daryl James Crandall  
Lake City
Jamal Warner Currica  
Ames
Susan Alexece Dencklau  
Fort Dodge
Spencer Lee Frederick  
Story City
Devan Elizabeth Haag  
Monticello
Aaron D. Hamann  
Madrid
Jamie Lynn Hammer  
Waukee
Neil Joseph Hewitt  
Nevada
Matthew Lyle Hurley  
Boone
Courtney Anne Kingland  
Lake Mills
** Mary Basil Madsen  
Melbourne
Audrey Suzanne Maynard  
Nashua
Katy Jo Miller  
Ames

Micah Ray Morgan  
Fort Madison
Brian Gail Nelson  
Atlantic
Deidra Marie Nugent  
Maquoketa
Kyle Patrick Parkhill  
Sioux City
Teresa Ann Phillips  
Sioux Falls, S. Dak.
Lindsay Kay Reising  
Polk City
John David Romano  
Rochester, Minn.
Robert Douglas Schmeling  
Des Moines
Mallory Beth Schulte  
Muscatine
** Megan Sue Songer  
Waukee
Joseph David Soukup  
Ames
Paige Ashley Steele-Rollins  
Wadsworth, Ill.
Tony James Stickel  
Grimes
Allison Kay Wenthe  
West Des Moines
Rebecca Ann Whitaker  
Des Moines
Jeffrey William Worrell  
Urbandale
Erin Marie Wygant  
Apple Valley, Minn.
David Jay Zordell  
Mound House, Nev.

* Cum Laude
** Magna Cum Laude
*** 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>Samora M. Mogaka</td>
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<td>Christopher Michael Nelson</td>
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<td>Justin Slickers</td>
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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>Tharindu Roma Natasha Gunasekara</td>
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**Major in Biology**

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**Major in Chemistry**

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## Major in Earth Science

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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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* Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
† Honors Program
Major in Journalism and Mass Communication

* Karuna Ang  
  Port Dickson, Malaysia
Lindsey Marie Azizeh  
  Waterloo
Katherine Lorraine Barber  
  Charlottesville, Va.
* Beth Arden Barrick  
  Nevada
* Emily Nicole Bloomquist  
  Urbandale
Michea Rae Boyd  
  Eagle Grove
Marlo Marie Cicciarelli  
  Peoria, Ill.
Maggie Day Denison  
  Johnston
Ryne Brooks Dittmer  
  Liberty, Mo.
William Tanner Hall  
  Clive
    
Daniel A. Haugo  
  Ames
Alicia R. Hendrix  
  Davenport
David T. Merrill  
  Omaha, Neb.
Jessica Lynn Opoien  
  Marinette, Wis.
Liana Renee Prudencio  
  Plano, Tex.
Meredith L. Roemer  
  Iowa City
Blake Jeffrey Schultz  
  Rockwell
Andrew Patrick Sevcik  
  Des Moines
Heather Anne Sinclair  
  Mount Pleasant
Moriah Rose Smith  
  Indianola

Major in Mathematics

Kayce A. Rich  
  Omaha, Neb.
Carly Becker Sitzmann  
  Lincoln, Neb.
* Kailfeng Sun  
  Ames
    
* Austin Shane Wells  
  West Des Moines

Major in Meteorology

David Joseph Dziubanski  
  Park Ridge, Ill.
Brett William Lyons  
  Blue Grass
Stephanie Nicole Melton  
  Apple Valley, Minn.
    
Ryan Michael Story  
  Stockbridge, Ga.
Magen Lynn Yates  
  Carlisle

Major in Physics

Theodore Marshall Westhues  
  Marion

Major in Psychology

Meghan Jerrica Brodersen  
  Denison
Victoria Rose Brodersen  
  Homer, Neb.
Cayla Ann Bullerman  
  Cresco
Jonathan David Burgher  
  Urbandale
Christina Renee Dietz  
  Ankeny
Andrew Robert Ellis  
  Sisseton, S. Dak.
Melissa Sue Greco  
  Decorah
Alison Michaela Hansen  
  Hinton
** Marie Wenonah Hartke  
  Cedar Rapids
Sabina Hoque  
  Dubuque
Evan Mitchell Humphreys  
  Burlington
Shaine Franklyn Jacobs  
  Jewell
David Michael Kennis  
  Ames
    
Nathan Dale Kiley  
  Wesley
Elizabeth Ann Lindell  
  West Des Moines
* Meghan Deborah Minar  
  Clarence
Kelsey Nicole Mower  
  Ankeny
Zora J. Murff  
  Des Moines
Caleb Powell  
  Nevada
Michael Stephen Pratt  
  Urbandale
Amanda Rachel Raeburn  
  Shorewood, Ill.
Hannah Elizabeth Renner  
  New Hartford
Michael Clark Sojka  
  Decorah
Eric William Stodola  
  Johnston
Amber Lynn Testroet  
  Carroll
Brant Jay Williams  
  West Des Moines

Major in Sociology

Stephanie Jo Daniels  
  Oelwein
Bryce Michael Kuhlers  
  Muscatine
Austin Graham Narber  
  Altoona
    
* Rachael Diane Reed  
  Prairie City
Nicholas Zubulake  
  Des Moines

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
## Major in Statistics

<table>
<thead>
<tr>
<th>Anna Kye</th>
<th>Yong-In-Shi, South Korea</th>
<th>Shengnan Ma</th>
<th>Tianjin, China</th>
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<tbody>
<tr>
<td>Chee Bing Loh</td>
<td>Melaka, Malaysia</td>
<td>Robert William Tegeler</td>
<td>West Des Moines</td>
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<tr>
<td>*** Rui Lu</td>
<td>Qiong Lai, China</td>
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</tbody>
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## Major in Technical Communication

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<thead>
<tr>
<th>Amalia Gene Easton</th>
<th>Bagley</th>
<th>David Thongvanh</th>
<th>Newton</th>
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## Multiple Curricula and Majors

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<thead>
<tr>
<th>Udunopa Blanche Abalu</th>
<th>Abuja, Nigeria</th>
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<tbody>
<tr>
<td><strong>†</strong> Economics and International Studies</td>
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<tr>
<td>Justine Jolena Anders</td>
<td>Vernon Hills, Ill.</td>
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<tr>
<td>* Mathematics and World Languages and Cultures (Spanish)</td>
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<tr>
<td>Samuel James Anderson</td>
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<tr>
<td>* Psychology and Biology</td>
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<td>*** Brent Kjell Aronsen</td>
<td>Ankeny</td>
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<tr>
<td>Mathematics and Economics</td>
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<tr>
<td>Michaela Ann Auffart</td>
<td>Council Bluffs</td>
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<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<tr>
<td>Angela Larae Brones</td>
<td>Marshalltown</td>
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<tr>
<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<td>Jennifer Katrice Brown</td>
<td>Boone</td>
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<tr>
<td>Journalism and Mass Communication and English</td>
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<tr>
<td>Gabriel Allen Burns</td>
<td>Iowa City</td>
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<tr>
<td>Computer Science and Mathematics</td>
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<tr>
<td><strong>†</strong> Benjamin Karl Clough</td>
<td>Fort Dodge</td>
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<tr>
<td>History and Political Science</td>
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<tr>
<td>Kirsten Michelle Cowrie</td>
<td>Eagan, Minn.</td>
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<tr>
<td>Psychology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<td>Nikolai Joseph Fedorochak</td>
<td>Walcott</td>
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<td>Biology and Psychology</td>
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<td>Holli Kathryn Mae Gericke</td>
<td>Marion</td>
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<td>Sociology and Psychology</td>
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<td>*** Sarah Beth Germann</td>
<td>Le Mars</td>
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<td>Sociology and Spanish</td>
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<td>Vivek M. Hirpara</td>
<td>Ames</td>
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<td>Economics and Mathematics</td>
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<td>*** Qiuting Hu</td>
<td>Dalian, China</td>
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<tr>
<td>Statistics and Mathematics</td>
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<tr>
<td><strong>†</strong> Jill Anne Koudelka</td>
<td>Nevada</td>
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<tr>
<td>Psychology and Sociology</td>
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<tr>
<td>William Curvin Larson</td>
<td>Roscoe, Ill.</td>
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<tr>
<td>Psychology and Political Science</td>
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<tr>
<td><strong>†</strong> Allison Elizabeth Rigler</td>
<td>Chanhassen, Minn.</td>
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<tr>
<td>Environmental Science and Agronomy</td>
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<td>Julie Ann Ritter</td>
<td>Murray</td>
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<tr>
<td>Biology and Environmental Studies</td>
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<td>Matt A. Schreck</td>
<td>Ames</td>
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<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<tr>
<td>Tessa E. Sklenar</td>
<td>Treynor</td>
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<td>Psychology and Sociology</td>
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<tr>
<td>*** Karina Ann Sturdevant</td>
<td>Urbandale</td>
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<td>History and Religious Studies</td>
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<td>John Christopher Taylor</td>
<td>Ankeny</td>
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<td>Psychology and Sociology</td>
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<tr>
<td>Lea J. Vogl</td>
<td>Becker, Minn.</td>
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<tr>
<td>Psychology and Environmental Studies</td>
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<tr>
<td>Samuel John Wengryn</td>
<td>Pleasanton</td>
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<tr>
<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</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

President: Tamara Dunham
Vice-President: Ryan Helling

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

Beth Mabary
Adria Staky
Steven Weinert

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 Anthoney  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

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

Weimin Grace Blocher  Taipei, Taiwan
B.S., National Taiwan University;  
M.S., Indiana University-Bloomington  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Effectiveness of an outreach program designed to enhance college students’ help-seeking attitudes, intentions, and to reduce stigmas

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

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

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 nanotructure diagnostics

§ Research Excellence Award  
† † Teaching Excellence Award
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: 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

§ Research Excellence Award
† † Teaching Excellence Award

Summer 2011 Graduate College Degrees
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

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 Guo  
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 crique

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

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§ Research Excellence Award  
†† Teaching Excellence Award
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 fullerenes engineered nanoparticles 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, Manie  
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;  
B.S., Iowa State University  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Asian cultural value and contingency of self-worth as moderators for academics 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

§ Research Excellence Award  
† † Teaching Excellence Award
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., ALAl-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
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., Iowa State University  
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
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 ScienceAnd 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  
toxicologic 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  

§ Research Excellence Award  
† † Teaching Excellence Award
Jing Yu  
Wuhan, China  
B.S., Huazhong University of Science;  
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  
Zaozhung, 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;  
M.S., Ibid.  
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;  
B.A., Ibid.  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Economic analysis for transmission operation and planning

Wengang Zhou  
Shanghai, China  
B.S., Jilin University;  
M.E., Ibid.  
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

§  Research Excellence Award
†† Teaching Excellence Award
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

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

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)  
Thesis: Rank-related differences in the travel patterns of savanna chimpanzees (Pan troglodytes verus) at Fongoli, Senegal

Na Pan  
Baoji, China  
B.A., Hunan University  
Department: English  
Major: Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)  
Thesis: Little lambs, linnets and babes in the snow: Messages of kindness and caution in Christina Rossetti’s Sing Song and Speaking Likenesses

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

Na Pan

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§ Research Excellence Award
† † Teaching Excellence Award
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Summer 2011 Graduate College Degrees
Julia C. Wiegers
Urbandale
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

Julia C. Wiegers
Urbandale
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

\section*{Master of Arts in Teaching}

Kathryn Elizabeth Bolton
Linden, Mich.
B.S., Michigan 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

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

Robert L. Hingstrum
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

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

\section*{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

Justin Duane Davis
Oscca
B.S., Kaplan University-Des Moines
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
Mark A. Mezera  
Iowa Falls
B.S., Iowa State University; B.S., Ibid.
Department: Business Administration
Major: Business Administration

Fredrick Dane Miller  
Urbandale
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Thomas W. Owens  
Ankeny
B.S., Iowa State University
Department: Business Administration
Major: Business Administration

Utpal Rajnikant Patel  
West Des Moines
B.A., Waldorf College
Department: Business Administration
Major: Business Administration (Information Systems)

Robert Eugene Pearson III  
Ankeny
B.A., University of Northern Iowa
Department: Business Administration
Major: Business Administration (Information Systems)

Janea Lynne Triplett  
Fort Bragg, Calif.
B.L.S., Iowa State University
M.S., Ibid.
Department: Business Administration
Major: Business Administration (Information Systems)

MASTER OF COMMUNITY AND REGIONAL PLANNING

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

Sara Joy Proppe  
San Antonio, Tex.
B.A., Texas A&M University
Department: Community and Regional Planning
Major: Community and Regional Planning
Thesis: Vernacular revitalization in South Minneapolis: The case of Midtown Global Market

MASTER OF EDUCATION

Travis W. Allen  
Emmetsburg
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Jessica Alexandra Cannova  
Rockford, Ill.
B.A., Buena Vista University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Kevin W. Cartier  
Marshalltown
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Kari Lynn Kaufman  
Manson
B.A., Simpson College
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Jennifer Marie Kelling  
Cedar Rapids
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Education (Special Education)

Kimberly J. Krantz  
Ames
B.A., University of Northern Iowa
Department: Curriculum and Instruction
Major: Education (Special Education)

Jason Allan McKinney  
Calamus
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)
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  

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

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

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

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

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

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

Kimberly R. Topp  
Sterling, Ill.  
B.F.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

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

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
MASTER OF SCIENCE

Ricardo Rafael Acevedo Perez  
_Bayamon, Puerto Rico_  
B.S., Iowa State University  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering  
The 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  
The Thesis: An implementation of accountable anonymity

Cennet Altiner  
_Ames_  
Lisans., Bogazici University  
Department: Curriculum and Instruction  
Major: Education (Curriculum and Instructional Technology)  
The 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  
The Thesis: Chemical mechanical paired grinding

Elizabeth Marie Asque  
_Chicago, Ill._  
B.S., Iowa State University  
Department: Genetics, Development and Cell Biology  
Major: Genetics  
The 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  
The 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  
The 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)  
The 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  
The 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  
The 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 Boesenbery  
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
Jason Scott Crowley  
B.S., Iowa State University; B.S., Ibid.  
Department: Statistics  
Major: Statistics  
Nevada

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

Emily Kaitlin Davenport  
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  
Ames

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

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

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

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

Huishan Duan  
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  
Baoji, China

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

Steven James Eichenberger  
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?  
Lawler

Ross D. Ennen  
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  
Forest City

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

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

Haley Elizabeth Frater  
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  
Hartland, Wis.

Yanfen Fu  
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  
Zhoushan, China

◊ 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

Barbara D. Gigar  Guthrie Centre
B.S., Iowa State University
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
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 Afiya 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 asteroseismology: 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; PhD, Ibid.  
Department: Statistics  
Major: Statistics

Taoran Li  
Xi’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 Magnusson  
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

§ Research Excellence Award  
† † Teaching Excellence Award
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
B.S., Hanyang University;
M.S., Ibid.
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
Pooja Suhas Paranjape  Pune, India
B.E., University of Pune
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: A Canvas 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  Xinzhenh, 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
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

†† Tong Zhao
Jinan, China
B.S., Shandong University
Department: Mathematics
Major: Applied Mathematics

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>Student 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>Student Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Min Bang</td>
<td>Seoul, South Korea</td>
</tr>
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### Curriculum in Agricultural Studies

<table>
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<tr>
<th>Student Name</th>
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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>
</tr>
<tr>
<td>Ryan Ronald Steinbronn</td>
<td>Westgate</td>
</tr>
<tr>
<td>Morgan Ann Weaver</td>
<td>Afton</td>
</tr>
<tr>
<td>Thomas N. Welter</td>
<td>Hopkinton</td>
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</table>

### Curriculum in Agricultural Systems Technology

<table>
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<tr>
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<tr>
<td>Lance Derek Birchmier</td>
<td>Maxwell</td>
</tr>
<tr>
<td>Kyle Hulbert Degener</td>
<td>Cedar Falls</td>
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### Curriculum in Agronomy

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<tr>
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<tr>
<td>Katherine Lin Harrington</td>
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### Curriculum in Animal Ecology

<table>
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<tr>
<th>Student Name</th>
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<tbody>
<tr>
<td>Colly Gwynn Dust</td>
<td>Saint Peters, Mo.</td>
</tr>
<tr>
<td>Jacob Richard Pitzenberger</td>
<td>Mason City</td>
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</table>

### Curriculum in Animal Science

<table>
<thead>
<tr>
<th>Student Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Megan Karen Carman</td>
<td>Ames</td>
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<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>
<tr>
<td>Marissa Lyn Hols</td>
<td>Chariton</td>
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<tr>
<td>Jillian Marie LeKander</td>
<td>Burlington</td>
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<tr>
<td>Neva Anne Nachtrieb</td>
<td>Anamosa</td>
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<tr>
<td>Heather Marie VanDeWostine</td>
<td>Bettendorf</td>
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<tr>
<td>Shane Michael Vogt</td>
<td>Denison</td>
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### Curriculum in Biology

<table>
<thead>
<tr>
<th>Student Name</th>
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<tbody>
<tr>
<td>Alexis Charnelle Buchanan</td>
<td>Des Moines</td>
</tr>
<tr>
<td>Megan Elaine Carter</td>
<td>Ames</td>
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<tr>
<td>Jaclyn Leigh Pickerill</td>
<td>Villa Park, Ill.</td>
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<tr>
<td>Brett William Rowland</td>
<td>Mason City</td>
</tr>
<tr>
<td>Wendy Renae Stensland</td>
<td>Slater</td>
</tr>
<tr>
<td>Michael G. Zeiger, Jr.</td>
<td>Braidwood, 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

---

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Candidates for Degrees from the College of Business

Bachelor of Science
Curriculum in Business

Major in Accounting

** Mason Daniel Arnold
** Corey James Bach
Wen Chen
Emily K. Cimmerer
Aminata Dabo
Addison John Brennan Drake
** Benjamin Jon Engelken
Clark Alexander Haker
Courtney Marie Halbur
Shawn Michael Hoyt
Kimberly Joan Jans
Jacob Daniel Lauritson
** Corey Chay Lovan
** Zachary David Nitz
Courtney Diane Quint
Kayla JoAnne Render
Joshua Lane Rusk
Sarah Kaye Sletten
Jared Leigh Smith
Heather Christine Walker
**† Mengchu Wang
**† Xi Wang
**† Patrick Dale Ward
Yangyidi Ye

Bachelor of Science
Curriculum in Business

Major in Finance

Thomas Arthur Anderson
Chunyan Dai
Bo Dong
Daniel Todd Guerrero
Kristopher James Haught
Katie Marie Honsey
Ajay Kumar Kalra
Khonesavanh Kavan

Chunyan Dai
Bo Dong
Daniel Todd Guerrero
** Joseph William Przytarski
Joseph B. Savage
Keryna Lillian Thompson-Banks
Heather Christine Walker
Xiao Wang
Christopher Michael Ward

Major in Logistics and Supply Chain Management

William Matthew Fleming
** Travis Erling Knutson

Waterloo
Boone

Major in Management

Ross William Battani
Matthew Jonathan Bengtson
Gregory Michael Bolte
Matthew Phillip Cohn
Kelly M. Freel
** Laurence Herman
Nichelle Rae Kruse
Jonathan Michael Lint
** Jason Stewart Lowry

Waukee
Urbandale
Shenandoah
Hampshire, Ill.
Ames
Kortrijk, Belgium
Wall Lake
Des Moines
Jewell

Todd Joseph Maurer
Jacob Paul Miller
Nathan Matthew Oxenford
Kyle David Price
Christopher David Reddy
Blake Andrew Ridout
Ashley Janee Shivers
Adam Robert Thomas
Xin Wang

Ames
Ames
West Des Moines
Iowa Falls
Cary, Ill.
Indiana
Davenport
Cherokee
Dalian, China

*Cum Laude
**Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Major in Management Information Systems

- Mark James Arnold, Carter Lake
- Joel A. Buehler, Charles City
- Clayton Edward Casner, Eden Prairie, Minn.
- Justin Richard Hawkins, Eden Prairie, Minn.
- Ryan Patrick Isaacson, Mason City
- Daniel Paul Olson, Burnsville, Minn.
- Sinakhone Souriyasak, Cedar Falls

Major in Marketing

- Gayle Marlene Allen, Glenwood
- Austin Michael Anderson, West Des Moines
- Eric R. Baier, Libertyville, Ill.
- Carly Elizabeth Blackowiak, Chanhassen, Minn.
- Breanna Lissa Boben, Woodbury, Minn.
- Neil Allan Boeckmann, Waverly
- David Michael Bruck, Earl ing
- Loan Mai Dinh, Des Moines
- Cameron James Dlouhy, Ankeny
- Rebecca Ann Hedum, Laurel
- Ashley Marie Kennedy, Ames
- Patrick J. McCarville
- Marissa Rose Nagy, Forest City
- Bradley James Pedersen, Lawton
- Ryan James Praska, Ames
- Jonathan Robert Quast, Riceville
- Angelica Anne Ripson, Winterset
- Sarah Anne Roche, Salix
- Joseph John Ruh, Dubuque

Multiple Curricula and Majors

- Aaron Christopher Goede, Sioux City
  Accounting and Finance
- Laura Christine Hanrahan, Rochester, Minn.
  Marketing and Liberal Arts and Sciences: Major in Psychology
- Adam Charles Hovey, Decorah
  Marketing and International Business
- Daniel Brian Kelly, Cedar Rapids
  Operations and Supply Chain Management and Marketing
- Badr Khaloufi
  Logistics and Supply Chain Management and International Business
- Kyle Jacob Kruse, Gowrie
  Accounting and Finance
- Paige Elizabeth McQueeney, Dubuque
  Marketing and Liberal Arts and Sciences: Major in Advertising
- Lan Mi, Chongqing, China
  Marketing and Accounting
- Zachary Jon Ruhland, Le Mars
  Operations and Supply Chain Management and Environmental Studies
- Brian William Smith, Johnston
  Supply Chain Management and Management
- Kevin R. Wailes, Boone
  Management and Marketing
- Lu Wang, Ames
  Marketing and Management
- Tian Xie
  Finance and Accounting

* 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

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steven Michael Stuart-Doig</td>
<td>Ames</td>
</tr>
</tbody>
</table>

### Multiple Curricula and Major

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Julie Ann Finelli</td>
<td>Eden Prairie, Minn.</td>
</tr>
<tr>
<td>Art and Design and International Studies</td>
<td></td>
</tr>
<tr>
<td>Annie Elizabeth McGuire</td>
<td>Colo</td>
</tr>
<tr>
<td>Art and Design and Liberal Arts and Sciences: Major in Journalism and Mass Communication</td>
<td></td>
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### Bachelor of Fine Arts

### Curriculum in Graphic Design

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Allison Elizabeth Bunge</td>
<td>Williamsburg</td>
</tr>
<tr>
<td>Rebecca Lynne Hildebrand</td>
<td>Cedar Rapids</td>
</tr>
<tr>
<td>*† Rebecca Lynne Hildebrand</td>
<td>Arbor Acres, Minn.</td>
</tr>
<tr>
<td>Megan Elizabeth Sharp</td>
<td>Council Bluffs</td>
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### Curriculum in Integrated Studio Arts

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
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<tbody>
<tr>
<td>Sarah Elaine Busse</td>
<td>Quincy, Ill.</td>
</tr>
<tr>
<td>Pilar Elspeth Macek</td>
<td>Fort Dodge</td>
</tr>
<tr>
<td>Eric James Nicpon</td>
<td>Arlington Heights, Ill.</td>
</tr>
<tr>
<td>Matthew John Trickel</td>
<td>Grimes</td>
</tr>
<tr>
<td>Braden Lee Wold</td>
<td>Eagan, Minn.</td>
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</table>

### Curriculum in Interior Design

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
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<tbody>
<tr>
<td>Jongho Kwon</td>
<td>Seoul, South Korea</td>
</tr>
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</table>

## Bachelor of Science

### Curriculum in Community and Regional Planning

<table>
<thead>
<tr>
<th>Name</th>
<th>City, State</th>
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<tbody>
<tr>
<td>Breanna Lissa Boben</td>
<td>Woodbury, Minn.</td>
</tr>
<tr>
<td>Nicole M. Brickman</td>
<td>West Chicago, Ill.</td>
</tr>
<tr>
<td>Stephanie Michelle Erwin</td>
<td>East Peoria, Ill.</td>
</tr>
<tr>
<td>Brittany Nicole Hoover</td>
<td>Ankeny</td>
</tr>
<tr>
<td>Nathan Michael Kistner</td>
<td>Owyens</td>
</tr>
<tr>
<td>Daniel Elba Stafford</td>
<td>Ames</td>
</tr>
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</table>

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
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
Vernon Hills, Ill.

Avni Sanghi
Ames

Zachary Jacob Stern

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

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

Brett M. Wetzel  Cedar Falls

Curriculum in Mechanical Engineering

Justin Goodwin Allen  Davenport
Matthew Scott Anson  Ankeny **
Joshua Robert Appleby  Cedar Rapids
Joseph A. Briggie  Cedar Rapids
Joseph Robert Clausen  Atlantic
Jason R. Eastvold  Ames
Antonio De Jesus Garcia  Coon Rapids
Taylor Carlyle Halstead  Ames
Jipur Mathiang Jipur  Estherville
Jerome William Kaess  Keokuk
Tina Thi Tran
Joseph Daniel Vrecks  Cedar Rapids

Multiple Curricula and Major

Radell Caleb Young  Bellevue, Neb.
Electrical Engineering
and Liberal Arts and Sciences:
Major in World Languages and Cultures (Spanish)
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
Emily Catherine Armstrong
Rochester, Minn.
Kaitlyn Anne Batt
Council Bluffs
Kendall TeeAnna Carter
Waterloo
Alexandra K. Davis
Sioux City
Steven Lee Gordon
Nevada
Alison Elizabeth Hansen
Odebolt
Sydney DeAnne Howk
Drakesville
Lindsey Jo Huxford
Norwalk
Asia Marie James
Windsor Heights
Emily Elizabeth Jespersen
Rock Valley
Cole Donald Kersey

Magan DeeAnn Mason
Royal
Stephanie Marie McEnroe
Ames
Susan Michelle Nemeth-Wild
Bettendorf
Natasha Naté Oakley
Des Moines
Hanna Eun Park
Des Moines
Rachel Ann Stanley
Jefferson
Whitney J. R. Stinemates
West Burlington
Chelsey Lee Stoner
Jefferson
Nicole June Suhr
Rathven
Rachel Marie Thompson
Ames
Kelsey Rae Tourte
Paton
Sharon Elizabeth Wade
White Plains, N.Y.

Curriculum in Child, Adult, and Family Services

Christina Maral Bannayan
Edina, Minn.
Pamela Elizabeth Bratton
Panora
Brittney Erin Bunce
Tripoli
Allison Mae DeRocher
Merrill
Brittany Lynn Enyart
Postville
Nicole Kathleen Fisher
Ellsworth
Patricia Ann Flannery
Des Moines
Elizabeth Ann Gangestad
Marion
Krystina Liz Guerrero Hernández
San Juan, Puerto Rico
Emily Sue Hansen
 Ames
Angela Marie Harbour
Pleasant Hill
Christopher Mark Hinderks
Webster City
Karlee Sue Holbrook
Dakota Dunes, S. Dak.

Jessica Lynn Hull
North Bend, Neb.
Alyssa Renee Hyler
Des Moines
Silas Scott Jensen
Alexander
Kathrine Charlotte Koch
Burnsville, Minn.
Molly Eileen Krommenhoek
Sioux City
Caleb Alan Luckow
Webster City
Linley Marie McComb
Marshalltown
Balkisa Ahmed Mohamed
Ames
Emily Beth Mujica
Mason City
Audrey Elise Stewart
Urbandale
Elizabeth Newton Ward
Geneseo, Ill.
Jessica Jacqueline Wilson
Montezuma
Ashley Nicole Wittrick
Algona

Curriculum in Culinary Science

Brittany Leanne Springmeier
Davenport

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Diet and Exercise

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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</thead>
<tbody>
<tr>
<td>Rachel Bell</td>
<td>Vandalia, Ill.</td>
</tr>
<tr>
<td>Rachel Marie Wall</td>
<td>Iowa City</td>
</tr>
<tr>
<td>Sarah A. Walsh</td>
<td>Bettendorf</td>
</tr>
<tr>
<td>* Rachel Marie Wall</td>
<td>Iowa City</td>
</tr>
<tr>
<td>** Rachel Marie Wall</td>
<td>Iowa City</td>
</tr>
<tr>
<td>*** Rachel Marie Wall</td>
<td>Iowa City</td>
</tr>
</tbody>
</table>

### Curriculum in Dietetics

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Brianna Marie Metzel</td>
<td>Des Moines</td>
</tr>
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</table>

### Curriculum in Early Childhood Education

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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</thead>
<tbody>
<tr>
<td>Laura Angeline Belmonte</td>
<td>Naperville, Ill.</td>
</tr>
</tbody>
</table>

### Curriculum in Elementary Education

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Eric Joseph Foley</td>
<td>Ames</td>
</tr>
<tr>
<td>Brittni Ann Larson</td>
<td>Boone</td>
</tr>
<tr>
<td>Mark A. Miller</td>
<td>Huntington, W.Va.</td>
</tr>
<tr>
<td>* Eric Joseph Foley</td>
<td>Ames</td>
</tr>
<tr>
<td>** Brittni Ann Larson</td>
<td>Boone</td>
</tr>
<tr>
<td>*** Mark A. Miller</td>
<td>Huntington, W.Va.</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jennifer Leigh Hunt</td>
<td>Marshalltown</td>
</tr>
<tr>
<td>Caitlin Maureen Payne</td>
<td>Larchwood</td>
</tr>
</tbody>
</table>

### Curriculum in Family Finance, Housing, and Policy

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emily Dawn Appelgate</td>
<td>Marshalltown</td>
</tr>
<tr>
<td>Amanda Marie Crawford</td>
<td>Pleasantville</td>
</tr>
<tr>
<td>** Emily Dawn Appelgate</td>
<td>Marshalltown</td>
</tr>
<tr>
<td>Sara J. Moreno</td>
<td>Letts</td>
</tr>
<tr>
<td>Katherine Marie Vogel</td>
<td>Jesup</td>
</tr>
</tbody>
</table>

### Curriculum in Food Science

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sonia Wu Wu</td>
<td>Panama</td>
</tr>
</tbody>
</table>

### Curriculum in Hotel, Restaurant and Institution Management

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marissa Ann Carthey</td>
<td>Davenport</td>
</tr>
<tr>
<td>Anna Marie Freudenberg</td>
<td>Cedar Falls</td>
</tr>
<tr>
<td>Calvin David Griffith</td>
<td>Grimes</td>
</tr>
<tr>
<td>Aaron Tyler Langlois</td>
<td>Ames</td>
</tr>
<tr>
<td>Ashley Lynn Strathman</td>
<td>Edina, Minn.</td>
</tr>
</tbody>
</table>

### Curriculum in Kinesiology and Health

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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</thead>
<tbody>
<tr>
<td>John M. Aastrup</td>
<td>Ankeny</td>
</tr>
<tr>
<td>Kalyn Ann Amundsen</td>
<td>The Woodlands, Texas</td>
</tr>
<tr>
<td>Ryan Wayne Amundson</td>
<td></td>
</tr>
<tr>
<td>Erica Renee Bohn</td>
<td>Washington</td>
</tr>
<tr>
<td>Brittany Ann Carter</td>
<td>Davenport</td>
</tr>
<tr>
<td>* Jessica Francesca Chávez</td>
<td>Omaha, Neb.</td>
</tr>
<tr>
<td>** Jessica Francesca Chávez</td>
<td>Omaha, Neb.</td>
</tr>
<tr>
<td>Mark A. Christiani</td>
<td>Omaha, Neb.</td>
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* Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
† Honors Program
Kayci Ann Guinn Moulton
* Jovan Lin Hampton Cedar Falls
Samantha J. Harris Mason City
Tarry L. Heckathorn Des Moines
Sara Kristyne Heeren Mount Vernon
Jillian Janae Heimbruch Story City
Matt Gregory Held Mason City
Joelle Marissa Henley Toledo
Christina Elizabeth Hillman Grand Junction
Emily Elizabeth Johnston Bettendorf
Matthew Scott Kenny Fort Dodge
Collin Jacob Kilburg Bellevue
Caitlin Marie Lindsey King Carroll
* Brianna Dawn Lockie Woodbury, Minn.
Cameron Lee Matheny Marion
Alexander J. Meyer Roland
Andrew Jackson Mitchell Fort Dodge
Kasey Nicole Moore Chariton
Miguel Antonio Negrete Tama
Emily Kathryn Nugent Benzonia, Mich.
Adrianna E. O’Neill Olathe, Kans.
Ashlea Diane Pein Glenwood
Richard Lee Reese Des Moines
Haley Elaine Risdal Story City
Kilee Marie Roggatz Anthon
Stephanie Ann Shuey Ames
Andrew R. Sorenson Woden
Eileen Alice Stevens Chicago, Ill.
Cristy Jean Tlusty Rockford
Emmy Lynne Truckenmiller Boone
Todd Myles Tuetken Monticello
Jenna Rae Van Winkle Apple Valley, Minn.
* Ashley Ann Watson Urbandale
Carissa Jo Westergard Ireton
Shayla Renea Williams Des Moines

Multiple Curricula and Major

Teresa Jean Riesburg Carroll
Kinesiology and Health
and Liberal Arts and Sciences:
Major in Journalism and Mass
Communication
# 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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<tr>
<td>Krista Lynn Balek</td>
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<td>Ashley Nicole Buchman</td>
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<td>Rachel Lauren Zabriskie</td>
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### Major in Anthropology

- Jacqueline Jean Miller
- Terril

### Major in Chemistry

- David Garrett Tomlinson
- Byron, Minn.
- Kalie Lynn Van Woerkom
- Pella

### Major in Communication Studies

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### Major in English

- Erin Rose George
- Toddville
- Adam William Kessler
- Washington, D.C.

### Major in History

- Logan John Gaedke
- Algona
- Sarah M. Loll
- Norwalk

* Cum Laude
** 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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<td>Barak Simeon Tarrant-Wacha</td>
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# Major in Political Science

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# Major in Psychology

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<td>Emily K. Cimmerer</td>
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<td>Yvette Angela Rodriguez</td>
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# Major in Speech Communication

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# Multiple Curricula and Majors

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<tr>
<td>Lucas Allen Long</td>
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<tr>
<td>** Magna Cum Laude</td>
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<td>† Honors Program</td>
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</table>
Caitlyn Marie Marino Fox Lake, Ill. Women’s Studies and Environmental Studies

Eva Teresa Morales Storm Lake Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

Andrea Marie Nelson Prior Lake, Minn. Journalism and Mass Communication and Political Science

Holly Rae Preston Chicago, Ill. Interdisciplinary Studies (Criminology and Criminal Justice) and Political Science

Jaymes B. Savage Nevada Political Science and Economics

Matthew Miller Stolte Castle Danger, Minn. Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

Jourdan Victoria Suddreth Bondurant Psychology, Sociology, and Interdisciplinary Studies (Criminology and Criminal Justice)

Katherine Anne Thompson Lakeway, Tex. Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology

### 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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**Major in Bioinformatics and Computational Biology**

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* *** Summa Cum Laude
† Honors Program
### Summer 2011 Undergraduate Degrees

#### Major in Biology

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#### Major in Biophysics

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#### Major in Chemistry

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#### Major in Computer Science

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#### Major in Economics

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<td>Yassir Abd Elaziz Mahmoud</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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#### Major in History

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

109  
Summer 2011 Undergraduate Degrees
## Major in Journalism and Mass Communication

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## Major in Mathematics

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<td>** Long Su</td>
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<tr>
<td>Zheng Zhong</td>
<td>Huaibei, China</td>
<td>**</td>
</tr>
</tbody>
</table>

## Major in Physics

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Major City</th>
<th>Honors Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Stephen Byrnes</td>
<td>Bettendorf</td>
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## Major in Psychology

<table>
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<tr>
<th>Student Name</th>
<th>Major City</th>
<th>Honors Program</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>
<td>Winterset</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>
<td></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>
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<td>Dat Minh Trinh</td>
<td>Des Moines</td>
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<tr>
<td>Laura Whitney Woodcock</td>
<td>Ankeny</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>Student Name</th>
<th>Major City</th>
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<tbody>
<tr>
<td>Kristy Lynn Clemens</td>
<td>Pleasant Hill</td>
<td></td>
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<tr>
<td>** Brandon Duane Gourley</td>
<td>Overland Park, Kans.</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>Student Name</th>
<th>Major City</th>
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<tbody>
<tr>
<td>Kaylin Rose Kelchen</td>
<td>Manchester</td>
<td></td>
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<tr>
<td>Minjoong Kim</td>
<td>Daegu, South Korea</td>
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## Major in Technical Communication

<table>
<thead>
<tr>
<th>Student Name</th>
<th>Major City</th>
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<tbody>
<tr>
<td>Kristin Leigh Rogers</td>
<td>Runnells</td>
</tr>
</tbody>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
# Multiple Curricula and Majors

Brittney Marie Christensen  
* Underwood Sociology and Interdisciplinary Studies  
† Criminology and Criminal Justice

Chelsea Lee Davis  
Ames Journalism and Mass Communication and French

* Sarah Kaitlyn Haas  
Cedar Rapids Journalism and Mass Communication and Anthropology

* Wenting He  
Ames Mathematics and Statistics

Bridget Julia Menge  
Cedar Rapids Psychology and Spanish

Suraj Jugal Raval  
Fort Dodge Biology and Psychology

Jose Luis Serrato  
Laredo, Tex. Psychology and History

* Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
† Honors Program
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 Keffer, 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 Science. B.S., 1872, Iowa State in the first graduating class; head of the Department of Dairy Husbandry Farms at St. Paul, Minnesota.

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 Keffer, 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: W.C. Armstrong, Doctor of Engineering. B.S., 1881, Iowa State; in charge of building the Northwestern Depot in Chicago.

1920: 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: Carlton R. Ball, Doctor of Science. B.S., 1893, Iowa State; agronomist with the USDA and an authority on plant rust.

1920: Deon Eugene Davenport, Doctor of Science. Dean of the School of Agriculture at the University of Illinois.


1920: L. S. Klinek, Doctor of Science. President of the University of British Columbia.

1920: W. C. Armstrong, Doctor of Science. B.S., 1897, Iowa State; responsible for the eradication of the citrus canker in the U.S.


1921: Carrie Chapman Catt, Doctor of Laws. B.S., 1880, Iowa State; distinguished champion of the suffragist and peace movement and organizer of the League of Women Voters.


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.


1929: Clifford 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 Trusteeses 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 Adviser 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.*


* Distinguished Achievement Citation, the highest award granted to university alumni
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.


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 Juilliard School of Music; distinguished faculty member at Juilliard since 1986; 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: Katharine Abraham, Doctor of Science. B.S., 1976, Iowa State; occupied one of the most important professional positions in the U.S. government dealing with economic performance and economic policy, the Bureau of Labor Statistics; under her direction, the bureau improved its method for collecting employment statistics, initiated a program to collect data on job vacancies and improved the way the Consumer Price Index is measured; DAC recipient in 1999.

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: 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; Chairman of the Inter-agency Task Force on POW/MIA's; and member of the US-Russia POW/MIA Commission.

2009: J. Dwayne McAninch, Doctor of Science. Founder, McAninch Corporation; adviser 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, was 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