Dear Iowa State University Graduates and Guests:

Welcome to Iowa State University’s Summer 2008 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 151st year as one of the nation’s leading land-grant universities, and 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
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The Bells of Iowa State ...................................................................................................................... Back of Program
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 symbolizes the rich history and traditions of Iowa State University and is worn by the president at all commencement ceremonies.

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

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

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

Both the presidential chain of office and the mace are housed in the alumni center and are used at each commencement ceremony.
In May 2008, as part of its sesquicentennial celebration, Iowa State University debuted custom-designed doctorate regalia. The special commencement doctorate gowns were created with emblems and colors to reflect Iowa State’s tradition and to complement Iowa State’s hood. The fabric is cardinal red gabardine with black velvet panels and chevrons edged with gold cording. The Campanile, a beloved symbol and University tradition, adorns each of the two front velvet panels. An eight-sided black velvet tam with a gold silk tassel completes the official regalia.

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

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

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

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

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

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

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

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

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

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

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

During the hazing 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.

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**

*Information Provided by the Iowa State University Alumni Association*

- 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 6 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.

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

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

- 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. Fortunately the bad luck can be averted by throwing a coin into the Fountain of Four Seasons.

- 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.
Simon Estes, internationally-acclaimed bass baritone, is the star of the stage at the world's major opera houses, a regular guest at international festivals, and has appeared with leading international orchestras under eminent conductors. His performance of Simon Boccanegra under the direction of Placido Domingo for the Washington Opera Company at the Kennedy Center was his 100th role. Performances include the Concert for Racial Harmony in Washington, D.C., the Metropolitan Opera House in New York City, and the Los Angeles Opera. He was chosen to perform the "I Have a Dream" composition commissioned by the King family for the Martin Luther King Jr. celebrations in 2000.

Rising from humble beginnings in the small town of Centerville, Iowa, he is the grandson of a slave sold at auction for $500 and the son of a father who faithfully provided for his family with menial jobs from coal-mining to serving as a hotel porter.

With family values founded upon a godly heritage, character-building struggle and sacrifice, Simon Estes successfully faced each new hurdle and career challenge, culminating in triumph for this extraordinarily gifted performing artist.

When asked if he thought we were victims of fate or makers of our own destiny, he answered quickly "Makers of our own destiny."

Choosing to rise above mere celebrity status, Estes strives to be a positive role model for the next generation. His compassionate humanitarian efforts elevate him to hero status for the numerous youth who benefit from his vision for merit-based education and opportunity. He has been granted numerous honorary degrees including the Doctor of Humane Letters from Iowa State University in 1997.

Simon Estes makes it possible for young people around the world to pursue their dreams. He has helped talented students attend the Juilliard School of Music in New York City where he has been a professor since 1985.

In Oklahoma, he has established the Simon Estes Educational Foundation which has awarded over one million dollars in merit-based college scholarships.

The Simon Estes International Foundation for Children in Switzerland was established in 1993 and has saved lives by providing support for child health needs in Switzerland and Bulgaria.

During the 1998-99 school year, 40 musically gifted students from the Simon Estes School, serving some of the poorest children in South Africa, attended Des Moines-area high schools under the sponsorship of Rotary District 6000 and performed throughout Iowa as the Simon Estes South African Youth Chorus.
COMMENCEMENT CEREMONY

Platform Officials

Gregory L. Geoffroy, President of the University
David W. Miles, President of the Board of Regents, State of Iowa, and Commencement Speaker
David K. Holger, Associate Provost for Academic Programs
Thomas L. Hill, Vice President for Student Affairs
Todd R. Holcomb, Associate Vice President for Student Affairs
Dione D. Somerville, Dean of Students
Michelle Stotts, Vice President of the Iowa State University Alumni Association
Kathleen M. Jones, Assistant Vice President for Enrollment and Registrar of the University

Mark C. Engelbrecht, Dean of the College of Design
Labh S. Hira, Dean of the College of Business
Michael B. Whiteford, Dean of the College of Liberal Arts and Sciences
Mark J. Kushner, Dean of the College of Engineering
Pamela J. White, Interim Dean of the College of Human Sciences
David Acker, Associate Dean of the College of Agriculture and Life Sciences
Lisa K. Nolan, Associate Dean of the College of Veterinary Medicine
Olivia M. Madison, Dean of the Library
Clark F. Ford, Faculty Senate President

Faculty Representatives and Presenting Professors

Venkatarama Ajjarpu, Electrical and Computer Engineering
Robert P. Anex, Agricultural and Biosystems Engineering
Bulent S. Biner, Materials Science and Engineering
Diane F. Birt, Food Science and Human Nutrition
Amy S. Bix, History
Robert H. Bosselman, Apparel, Educational Studies, and Hospitality Management
Gregory W. Courtney, Entomology
Mary Lynn Damhorst, Apparel, Educational Studies, and Hospitality Management
Timothy A. Day, Biomedical Sciences
Joey C. Eisenmann, Kinesiology
Timothy G. Ellis, Civil, Construction, and Environmental Engineering
Douglas L. Epperson, Psychology
Nancy J. Evans, Educational Leadership and Policy Studies
Steven A. Freeman, Agricultural and Biosystems Engineering
Randall L. Geiger, Electrical and Computer Engineering
Margaret A. Graham, English
Thomas J. Greenbowe, Chemistry
Nancy Grudens-Schuck, Agricultural Education and Studies
Wendy J. Harrod, Sociology
Kurt R. Hebert, Chemical and Biological Engineering
Thomas M. Isenhart, Natural Resource Ecology and Management
Helene H. Jensen, Economics
Kristen M. Johansen, Biochemistry, Biophysics, and Molecular Biology
Leah C. Keino, Apparel, Educational Studies, and Hospitality Management
Kenneth J. Koehler, Statistics
Jacek A. Koziel, Agricultural and Biosystems Engineering
Matthew J. Kramer, Materials Science and Engineering
Frankie S. Laanan, Educational Leadership and Policy Studies
Richard C. Larock, Chemistry
Barbara L. Licklider, Educational Leadership and Policy Studies
Hailiang Liu, Mathematics
Ping Lu, Aerospace Engineering
Robert A. Martin, Agricultural Education and Studies
Gordon J. Miller, Chemistry
Lois Wright Morton, Sociology
Alan M. Myers, Biochemistry, Biophysics, and Molecular Biology
James H. Oliver, Mechanical Engineering
Peter F. Orazem, Economics
Arvid E. Osterberg, Architecture
Paul E. Sacks, Mathematics
Kevin Schalinske, Food Science and Human Nutrition
Denise A. Schmidt, Curriculum and Instruction
David S. Schweingruber, Sociology
Norman A. Scott, Psychology
Randi C. Shoemaker, Agronomy
Sung Y. Song, Mathematics
Catherine H. Strohbehn, Apparel, Educational Studies, and Hospitality Management
Johannes Van Leeuwen, Civil, Construction, and Environmental Engineering
David L. Vogel, Psychology
Zhi J. Wang, Aerospace Engineering
Michael J. Wannemuehler, Veterinary Microbiology and Preventive Medicine
Robert J. Weber, Electrical and Computer Engineering
Meifen Wei, Psychology
Gary L. Wells, Psychology
Eliot H. Winer, Mechanical Engineering
Roger P. Wise, Plant Pathology
Eve S. Wurtele, Genetics, Development, and Cell Biology
Jeffrey J. Zimmerman, Veterinary Diagnostic and Production Animal Medicine
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)
Sedahlia J. Crase, Professor of Human Development and Family Studies, College of Human Sciences
Frederick H. Dark, Associate Professor of Finance, College of Business

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
Jon J. Tollefson, Professor of Entomology, College of Agriculture and Life Sciences
Susan F. Yager, Associate Professor of English, College of Liberal Arts and Sciences

Announcer and Reader of Names

Hollis Monroe, Producer, WOI Radio
Marc L. Harding, Director of Enrollment Services

Student Marshals

Presentation of College Banner

Erin Marie Myers, Graduate College
Escorted by Dean Adams, Associate Professor of Ecology, Evolution and Organismal Biology
Takiyah Oniya Abdulmalik, College of Agriculture and Life Sciences
Escorted by Harold Sandy McNabb, Emeritus University Professor of Natural Resource Ecology and Management
Alyssa A. Ober, College of Business
Escorted by Sue P. Ravenscroft, Professor of Accounting
Stewart Jason McCoy, College of Design
Escorted by Brent A. Holland, Assistant Professor of Architecture

Raathai Amutha Molian, College of Engineering
Escorted by Palaniappa A. Molian, Professor of Mechanical Engineering and Father of the Graduate
Steven K. Dillavou, College of Human Sciences
Escorted by Ann Smiley-Oyen, Associate Professor of Kinesiology
Jana Kimberly Stedman, College of Liberal Arts and Sciences
Escorted by Margaret Holmgren, Associate Professor of Philosophy and Religious Studies

Musicians

Conductor
Michael Golemo, Director of Bands

Vocalist
Simon Estes, Distinguished Artist In Residence

Trumpet
Matthew Gaunitz
Katharine Gay
Daniel Jones
Joel Rindfleisch
Ross Schumaker
Chad Zimmermann

Euphonium
Omar Aleman

Tuba
John Carmicheal
Simon McCoy

Percussion
Samantha Deaton
Rachel McCoy
COMMENCEMENT PROGRAM
9:30 a.m., Saturday, August 9, 2008, 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
Simon Estes, Vocalist

Commencement Address
David W. Miles
President of the Board of Regents
State of Iowa

Interlude
You’ll Never Walk Alone ........................................................... Rodgers and Hammerstein
arr. Michael Golemo
Simon Estes, Vocalist

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

Student Recognitions
Associate Provost Holger
Graduate students receiving Research and Teaching Excellence Awards
Undergraduate students with Special Recognition

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

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

Conferring of the Bachelor’s Degree
President Geoffroy
Candidates for the Bachelor’s Degree presented by Associate Provost Holger
College of Agriculture and Life Sciences candidates recognized by Associate Dean David Acker
College of Business candidates recognized by Dean Labh S. Hira
College of Design candidates recognized by Dean Mark C. Engelbrecht
College of Engineering candidates recognized by Dean Mark J. Kushner
College of Human Sciences candidates recognized by Interim Dean Pamela J. White
College of Liberal Arts and Sciences candidates recognized by Dean Michael B. Whiteford

The Class of 2008 and the Alumni Association
Michelle Stotts
Vice President
Iowa State University Alumni Association

Remarks
President Geoffroy

The Bells of Iowa State ............................................................ James C. Wilson
arr. Michael Golemo
Refer to the back cover for the lyrics and history of The Bells of Iowa State.

Recessional
La Mournique ................................................................. Tylman Susato
David W. Miles is managing director of The Miles Group, a family investment business, and he is president of the Board of Regents, State of Iowa.

Most of Mr. Miles’ career has been spent in the asset management business. In 1987 he joined Investors Management Group, Ltd., a Des Moines-based investment advisory firm, and acquired controlling interest of the firm in 1991. During his tenure as president, the firm’s assets grew to $1.84 billion. In 1998 he negotiated the acquisition of IMG by AMCORE Financial, Inc., a financial services holding company located outside Chicago. He worked for AMCORE for five years, successively adding responsibility for asset management, trust, private banking, and retail banking to his portfolio.

After taking a few months off to travel—including summiting Mt. Kilimanjaro with his wife Loree in October 2004—his family returned to Des Moines. From January 2005 to September 2006, he served as executive vice president of the Principal Mutual Funds, where his primary focus was development and implementation of an accelerated growth strategy for the Funds. While at Principal he helped to lead the successful acquisition of the $20.8 billion WM Group of Funds from Washington Mutual. In 2006, he became CFO and later CEO of Countryside Renewable Energy, Inc., a venture company funded by John Pappajohn for the purpose of consolidating independent ethanol plants into a larger, more sustainable organization. He started the Miles Group in 2007.

Mr. Miles is an active member of the Greater Des Moines community. He is past-chair of the Arthritis Foundation Iowa Chapter, Leadership Iowa and the Drake National Alumni Association, as well as past-vice chair of Rockford Health Systems. In 1996, he received the Young Alumni Achievement Award from the Drake National Alumni Association. He also served on the Drake University Board of Trustees for 11 years, including three as chair. He became a member of the Board of Regents in 2007.

Mr. Miles received the B.A. in public administration from Drake University, Masters of Public Policy from the John F. Kennedy School of Government, and J.D. from Harvard Law School. He and Loree live in West Des Moines. His interests include current affairs, education, sustainability, hiking and running.
CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Saikat Adhikari
Jamsheedpur, India
B.Tech., Indian Institute of Technology - Kharagpur
Department: Chemical and Biological Engineering
Major: Chemical Engineering
Dissertation: Alkaline dissolution of aluminum: surface chemistry and subsurface interfacial phenomena

§††Haseena Sulthana-Ameer Ahmed
Mangalore, India
B.Eng., Mangalore University;
M.S., Iowa State University
Department: Mathematics
Major: Applied Mathematics
Dissertation: High-resolution alternating evolution schemes for hyperbolic conservation laws and Hamilton-Jacobi equations

Neslihan Akdeniz
Ankara, Turkey
B.S., Ankara University;
M.S., Middle East Technical University
Department: Agricultural and Biosystems Engineering
Major: Agricultural Engineering
Dissertation: Identification, evaluation and quantification of VOCs as biosecure markers of swine carcass degradation

††LeQuetia Natasha Ancar
Iowa City
B.S., Iowa State University;
M.S., Ibid.
Department: Agricultural and Biosystems Engineering
Major: Industrial and Agricultural Technology
Dissertation: Social and academic factors of success and retention for students of color at a predominantly white institution in agricultural and engineering based disciplines

Oleg A. Antipin
Perm, Russia
B.S., Perm State University;
M.S., University of Louisville
Department: Physics and Astronomy
Major: High Energy Physics
Dissertation: Applications of effective field theories within and beyond the Standard Model

§ Patrick Charles Archer
Peoria, Ill.
B.A., Iowa State University;
M.A., Northern Illinois University
Major: Sociology
Dissertation: Middle class identification: the influence of interclass context on middle class evaluations of morality and success

Valarie L. Betz
DeWitt
B.A., University of Iowa;
M.F.C.S., Iowa State University
Department: Family and Consumer Sciences Education and Studies
Major: Family and Consumer Sciences Education
Dissertation: Guidance counselors’ perceptions of high school Family and Consumer Sciences programs: A case study of eight guidance counselors in Eastern Iowa

††Gargi Bhattacharyya
Kolkata, India
B.Sc., University of Calcutta;
M.Sc., Ibid.
Major: Mathematics
Dissertation: Terwilliger algebras of wreath products of association schemes

§ Audrey Denise Bowser
Jonesboro, Ark.
B.S.E., Arkansas State University;
M.S.E., Ibid.; Ed.S., Ibid.
Department: Curriculum and Instruction
Major: Education
Dissertation: Transforming teacher education to support multicultural technology pedagogy: An assessment of preservice teachers’ beliefs about multiculturalism and diversity

Dawn Marie Brandau
Nora Springs
B.A., Wartburg College;
M.S., Iowa State University
Department: Psychology
Major: Psychology (Counseling Psychology)
Dissertation: The role of life meaning in psychotherapy

§ Research Excellence Award
†† Teaching Excellence Award
Lyn Ann Brodersen Sioux City
B.A., Coe College;  
M.A., University of Notre Dame ‐ Indiana  
Department: Educational Leadership and  
Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: From working‐class origins to  
academia: Community college women  
who have crossed the great class divide

Christopher William Brunner Voorheesville, N.Y.
B.S., Cornell University;  
M.S., The George Washington University  
Major: Aerospace Engineering  
Dissertation: Skip entry trajectory planning  
and guidance

Qian Chen Beijing, China
B.Eng., Beijing Institute of Technology;  
M.S., Ibid.  
Major: Materials Science and Engineering  
Dissertation: Evolution, interaction, and  
intrinsic properties of dislocations in  
intermetallics: Anisotropic 3D  
dislocation dynamics approach

Jeffrey Edward Cullen Odenton, Md.
B.S., Colorado State University;  
M.Ed., James Madison University  
Department: Educational Leadership and  
Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: “Some friends and I started  
talking…”—A participatory action  
research project to deconstruct white  
privilege among student affairs  
practitioners

Mehmet Dagli Afsin, Turkey
Dipl., Gazi University;  
M.S., Iowa State University  
Major: Mathematics  
Dissertation: Lie algebra decompositions  
with applications to quantum dynamics

Garrett Marc Dancik Succasunna, N.J.
B.S., Ramapo College  
Department: Statistics  
Major: Bioinformatics and Computational  
Biology  
Dissertation: Exploring host‐pathogen  
relationships through computer  
simulations of intracellular infection

Tathagata De Kolkata, India
B.Tech., Indian Institute of Technology ‐  
Kharagpur;  
M.S., Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Dissertation: Systems approach based  
solution to fundamental limitations in  
unraveling spatial and temporal regimes  
in nano‐interrogation and nano‐  
positioning

Jennifer M. Deitloff Norfolk, Neb.
B.S., Minnesota State University ‐ Mankato  
Department: Ecology, Evolution and  
Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Ecological processes  
responsible for species co‐occurrence  
patterns in two species of Plethodon  
salamanders

Huai Deng Jingzhou, China
B.Sc., Wyham University;  
M.Sc., Chinese Academy of Sciences  
Department: Biochemistry, Biophysics, and  
Molecular Biology  
Major: Molecular, Cellular and  
Developmental Biology  
Dissertation: Remodeling of higher order  
chromatin structure by the JIL‐1 histone  
H3 kinase in Drosophila

Lixia Diao Ames  
B.S., Peking University;  
M.S., Iowa State University;  
M.S., Ibid.  
Major: Statistics  
Dissertation: Robust small area estimation

Yun Ding Shanghai, China
B.Sc., Fudan University  
Department: Biochemistry, Biophysics, and  
Molecular Biology  
Major: Molecular, Cellular and  
Developmental Biology  
Dissertation: Dissection of the mitotic and  
nuclear functions of Chromator, a  
nuclear‐derived spindle matrix  
component in Drosophila
Irina V. Diyankova  
*Moscow, Russia*

Psych.; Moscow State University;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Nonsexual multiple role relationships, attachment style, and perception of the counseling situation and the counselor

Mihaela Cristina Drignei  
*Craiova, Romania*

Dip.Mat., University of Craiova;  
M.S., Iowa State University  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: Inverse Sturm-Liouville problems using multiple spectra

Jean Crim Eells  
*Webster City*

B.S., Iowa State University;  
M.S., *Ibid*  
Department: Agricultural Education and Studies  
Major: Agricultural Education  
Dissertation: The land, it's everything: Women farmland owners and the institution of agricultural conservation in the U.S. Midwest

Xiaowen Fang  
*Anqing, China*

B.Eng., Wuhan Institute of Chemical Technology;  
M.Sc., Chinese Academy of Science  
Department: Chemistry  
Major: Analytical Chemistry  
Dissertation: NMR studies of complex carbon-containing materials: Maillard reaction products, soil, nanodiamond, and carbon modified TiO$_2$

‡‡ Cynthia Marie Garrety  
*Boxholm*

B.S., Iowa State University;  
Department: Curriculum and Instruction  
Major: Education (Curriculum and Instructional Technology)  
Dissertation: Digital storytelling: An emerging tool for student and teacher learning

Debju Ghosh  
*Kolkata, India*

B.Tech., CSJM University;  
M.Tech., Indian Institute of Technology – Kanpur;  
M.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Structurally integrated luminescence based oxygen sensors with organic LED/oxygen sensitive dye and PECVD grown thin film photodetectors

Cory Thomas Gross  
*Saint Paul Park, Minn.*

B.S., Minnesota State University - Mankato  
Department: Chemistry  
Major: Analytical Chemistry  
Dissertation: Developments in ICP-MS: electrochemically modulated liquid chromatography for the clean-up of ICP-MS blanks and reduction of matrix effects by flow injection ICP-MS

§ Kimberly Dawn Petry Hammer  
*Fargo, N. Dak.*

B.S., North Dakota State University  
Department: Food Science and Human Nutrition  
Major: Genetics  

Elizabeth Northway Hanna  
*West Des Moines*

B.S., Iowa State University;  
Major: Foodservice and Lodging Management  
Dissertation: An assessment of performance measures in child nutrition programs

§ Research Excellence Award  
†† Teaching Excellence Award
Robert Evan Harris  
Ankeny
B.S., Iowa State University;  
M.S., Ibid.  
Major: Aerospace Engineering  
Dissertation: An adaptive quadrature-free implementation of the high-order spectral volume method on unstructured grids

Lisa Elizabeth Hasel  
Scottsdale, Ariz.
B.A., Tufts University;  
M.S., Iowa State University  
Major: Psychology  
Dissertation: Negotiating memorial and extra-memorial information: The effect of social information on eyewitness identification decisions

Abigail L. Henderson  
Des Moines
B.S., Iowa State University  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Immunobiology  
Dissertation: Provocateurs and triggers: induction of antigen-specific responses to the colonic resident microbiota and susceptibility to colitis

Phillip H. Henna  
Rochelle, Ill.
B.S., University of Wisconsin - Platteville  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Novel bioplastics and biocomposites from vegetable oils

Tracie Ann Hennen Bierwagen  
Ames
B.S., Iowa State University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Plant Physiology  
Dissertation: Biochemical and genetic analyses of physical associations among Zea mays starch biosynthetic enzymes

Matthew L. Hillwig  
West Sunbury, Pa.
B.S., Pennsylvania State University - Erie  
Department: Genetics, Development and Cell Biology  
Major: Plant Biology  
Dissertation: Understanding the biological activity of Hypericum species through metabolomics studies

†† Amy Elizabeth Houlihan  
Arlington, Tex.
B.A., St. Edwards University;  
M.S., Iowa State University  
Major: Psychology  
Dissertation: Stress and self-control: A test of contrasting pathways to health risk behavior

Pingsha Hu  
Ames
B.S., Shandong University  
Department: Plant Pathology  
Major: Genetics  
Dissertation: Functional genomics of resistance-related genes in barley-powdery mildew interactions

Wan-Ru Huang  
Taipei, Taiwan
B.S., National Central University;  
M.S. Iowa State University  
Department: Geological and Atmospheric Sciences  
Major: Meteorology  
Dissertation: Interannual and intraseasonal variations of the energy budget over the polar regions and its climatic implications

Juliana Gammon Huiskamp  
Cresco
B.A., University of Northern Iowa;  
M.A. University of Iowa  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Connections, confidence, and competence: the meaning of professional development for community college support staff personnel

Asli Isci  
Ankara, Turkey
B.Sc., Middle East Technical University;  
M.Sc., Ibid.  
Department: Agricultural and Biosystems Engineering  
Majors: Agricultural Engineering and Biorenewable Resources and Technology  
Dissertation: Cellulosic ethanol production via aqueous ammonia soaking pretreatment and simultaneous saccharification and fermentation

Ariun Ishdorj  
Ulaanbaatar, Mongolia
Dipl., National University of Mongolia;  
M.S., University of Idaho  
Major: Economics  
Dissertation: Essays on food assistance program participation and demand for food

Vishwas Jaju  
Lucknow, India
B.Tech., Indian Institute of Technology – Kanpur;  
M.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Device quality low temperature gate oxide growth using electron cyclotron resonance plasma oxidation of silicon
Vijay Kiran Kalivarapu  
Visakhapatnam, India  
B.Sc., Andhra University;  
M.S., State University of New York - Buffalo  
Department: Mechanical Engineering  
Majors: Mechanical Engineering and Human Computer Interaction  
Dissertation: Improving solution characteristics of particle swarm optimization through the use of digital pheromones, parallelization, and graphical processing units (GPUs)

Vipul Katyal  
Jaipur, India  
B.Tech., Indian Institute of Technology – Kanpur;  
M.S., Iowa State University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Low power high speed and high accuracy design methodologies for pipeline analog-to-digital converters

†† Tanay Kesharwani  
Raipur, India  
M.Sc., Indian Institute of Technology - Bombay  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Studies in electrophilic cyclization, palladium migration and cationic polymerization

§ Siddhartha Kumar Khaitan  
Dhanbad, India  
B.Eng., Birla Institute of Technology and Science;  
M.Tech., Indian Institute of Technology - Delhi  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: On-line cascading event tracking and avoidance decision support tool

Dong-Gill Kim  
Kye-Ryung, South Korea  
B.E., Daejon University;  
M.C.P., Seoul National University  
Department: Natural Resource Ecology and Management  
Major: Environmental Science  
Dissertation: Nitrous oxide and methane fluxes in riparian buffers and adjacent crop fields

†† Hyejeong Kim  
Seoul, South Korea  
B.H.Ec., Catholic University of Korea;  
M.S., Ohio State University  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Textiles and Clothing  
Dissertation: The impact of body image self-discrepancy on body dissatisfaction, fashion involvement, concerns with fit and size of garments, and loyalty intentions in online apparel shopping

§ Alissa Renee King  
Centerville  
B.L.S., Iowa State University;  
M.S., Ibid.  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Uncertainty and evolution: Contributions to identity development for female college students who identify as multiracial/biracial-bisexual/pansexual

†† Hyunjin Ko  
Los Angeles, Calif.  
B.S., University of California – Los Angeles  
Department: Chemistry  
Major: Inorganic Chemistry  
Dissertation: Structural and electronic investigations of complex intermetallic compounds

§ Brent Anson Kronmiller  
Lafayette, Calif.  
B.S., University of Oregon  
Department: Plant Pathology  
Major: Bioinformatics and Computational Biology  
Dissertation: Assembly and annotation tools for analysis of large contiguous regions of the maize genome

§ David Kwaw-Mensah  
Half Assini, Ghana  
B.Sc., University of Science and Technology – Kumasi;  
M.S., Iowa State University  
Department: Agricultural Education and Studies  
Major: Agricultural Education (Agricultural Extension Education)  
Dissertation: Perceptions of agricultural extension educators regarding livestock waste management education in the North Central Region
Kelly Rian Laurson  
**Centerville**
B.A., Central College;  
M.S., Illinois State University  
Department: Kinesiology  
Major: Kinesiology (Biological Basis of Physical Activity)  
Dissertation: Designing and evaluating clinical cutpoints for childhood obesity

Ye Li  
**Tianjin, China**
B.Eng., Shanghai Jiaotong University;  
M.Sc., Ibid.  
Department: Industrial and Manufacturing Systems Engineering  
Major: Industrial Engineering  
Dissertation: Manufacurability analysis for non-feature-based objects

Lori Brown Lothringer  
**Omaha, Neb.**
B.S., University of Nebraska – Omaha;  
M.B.A., University of Missouri - Kansas City;  
M.S., College of Financial Planning  
Department: Family and Consumer Sciences Education and Studies  
Major: Family and Consumer Sciences Education  
Dissertation: Evaluation of the use of an academic integrity training course as a proactive measure encouraging academic honesty

Xiaobing Lu  
**Xinchang, China**
B.S., East China University of Science and Technology;  
M.S., Ibid.  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Biochemistry  
Dissertation: Studies of intermediates and regulation in SNARE-mediated membrane fusion

Deborah S. McDermott  
**Panora**
B.A., Briar Cliff College;  
Specialist, Iowa State University  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Rural psychologists' responses to multiple-role relationship ethical dilemmas and their perceptions of job burnout

Rhoda Helton Meador  
**Ithaca, N.Y.**
M.S., Marshall University  
Department: Family and Consumer Sciences Education and Studies  
Major: Family and Consumer Sciences Education  
Dissertation: Transformative learning partnerships: Bridging research and practice to improve the lives of older people

Kristine Myhrwold Meyer  
**Forest City**
B.A., Buena Vista University;  
M.S., Ibid.  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Becoming more resilient: Perceptions of resiliency development education in post-secondary students

Ramon Miguel Molina  
**Magdalena de Kino, Mexico**
B.S., University Nacional Autonoma de Mexico;  
M.V.Sc., Ibid.  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Veterinary Microbiology (Preventive Medicine)  
Dissertation: Porcine reproductive and respiratory syndrome virus: Understanding and managing persistent infection

Susana Maria Muñoz  
**Sioux City**
B.A., Iowa State University;  
M.S., Colorado State University  
Department: Educational Leadership and Policy Studies  
Major: Education (Educational Leadership)  
Dissertation: Understanding issues of college persistence for undocumented Mexican immigrant women from the new Latino Diaspora: A case study

Erin M. Myers  
**Olney, Md.**
A.B., Cornell University  
Department: Ecology, Evolution and Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Post-orbital color pattern variation and the evolution of a radiation of turtles (Graptemys)
†† Megan Elizabeth Nielsen  
*Omaha, Neb.*
B.S., Wayne State College;  
M.S., Iowa State University  
Major: Sociology  
Dissertation: Meaning making among young adult cohabitors

‡ Kristin Marie Nieman  
*Manchester* 
B.A., Wartburg College;  
M.S., Iowa State University  
Department: Food Science and Human Nutrition  
Major: Nutritional Sciences  
Dissertation: Nutritional and hormonal modulation of diabetes-perturbed folate, homocysteine, and methyl group metabolism

†† Paul Keith Nienkamp  
*Edgar, Neb.*  
B.S., Doane College;  
M.A., Iowa State University  
Department: History  
Major: History of Technology and Science  
Dissertation: A culture of technical knowledge: Professionalizing science and engineering education in late-nineteenth century America

Ekaterina B. Novozhilova  
*Moscow, Russia*  
Pharm., Moscow Medical Academy  
Department: Biomedical Sciences  
Major: Neuroscience  
Dissertation: Physiology and pharmacology of flatworm muscle

Jamie Aileen O’Rourke  
*Salt Lake City, Utah*  
B.S., University of Kansas  
Department: Agronomy  
Major: Genetics  
Dissertation: A genomic study of soybean iron deficiency chlorosis

Jaeyoung Park  
*Sungnam, South Korea*  
B.S., Konkuk University;  
M.S., Ibid.;  
M.S., Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Environmental Engineering)  
Dissertation: Evaluation of tire derived rubber particles as biofilter media and scale-up and design considerations for the Static Granular Bed Reactor (SGBR)

†† Serkan Perkmen  
*Manisa, Turkey*  
B.Sc., Gazi University;  
M.Ed., Ohio University  
Department: Curriculum and Instruction  
Major: Education (Curriculum and Instructional Technology)  
Dissertation: Factors that influence pre-service teachers’ technology integration performance

Matthew Jon Petersen  
*Charles City*  
B.S., Iowa State University;  
M.S., University of Tennessee - Knoxville  
Department: Entomology  
Major: Entomology and Ecology and Evolutionary Biology  
Dissertation: A systematic investigation of the crane fly subfamily Limoniinae (Tipuloidea: Limoniidae)

Christopher A. Ralston  
*Lisbon, N.Dak.*  
B.A., Jamestown College;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: Validation of the juvenile sexual offense recidivism risk assessment tool—II

†† Jacob Daniel Schroeder  
*Gregory, S. Dak.*  
B.S., South Dakota School of Mines and Technology;  
M.S., Iowa State University  
Major: Chemistry  
Dissertation: Implementing the Science Writing Heuristic laboratory report format in the undergraduate organic chemistry laboratory

Joann Catheryn Seeman Smith  
*Woodward*  
B.S., Iowa State University;  
M.S., Ibid.  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: The power of touch during communication within heterosexual married dyads

†† Jaemin Shin  
*Seoul, South Korea*  
B.S., Yonsei University  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: Inverse scattering problems for first-order systems

‡ ‡ Research Excellence Award  
‡ ‡ Teaching Excellence Award
Shiva Sikdar  
*Calcutta, India*

B.Sc., University of Calcutta;  
Major: Economics  
Dissertation: Essays in macroeconomics, international trade and the environment

Ning Sun  
*Hefei, China*

B.Med., Medical Center of Fudan University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Molecular, Cellular and Developmental Biology  
Dissertation: Molecular interactions of the mammalian intermediate filament protein synemin with cytoskeletal proteins present in adhesion sites

Futoshi Tachino  
*Ottawa, Ontario*

B.A., Carlton University;  
Department: English  
Major: Rhetoric and Professional Communication  
Dissertation: Academic research and public policy: Rhetorical lessons from the Sophonow Inquiry

Lizhi Tan  
*Zhengzhou, China*

B.S., Tsinghua University  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Investigations of the $R_{(Si_{1-x}Ge_{x})}$ intermetallic compounds by X-ray resonant magnetic scattering

††§ Chengyong Tang  
*Guilin, China*

B.M.S., University of Science and Technology of China;  
M.S., National University of Singapore  
Major: Statistics  
Dissertation: Parameter estimation and bias correction for diffusion processes and a nonparametric approach to census population size estimation

Ming Tang  
*Changchun, China*

B.Sc., Peking University  
Department: Chemistry  
Major: Chemistry  
Dissertation: Solid-state NMR studies of the interactions between cationic membrane peptides and lipid bilayers

Egemen Teomete  
*Izmir, Turkey*

B.Eng., Dokuz Eylul University;  
M.Sc., Izmir Institute of Technology  
Department: Aerospace Engineering  
Major: Engineering Mechanics  
Dissertation: Mechanics of wire saw machining process: Experimental analyses and modeling

Kevin Jay Timmer  
*Sioux Center*

B.S., Dordt College;  
M.S., Iowa State University  
Department: Mechanical Engineering  
Majors: Mechanical Engineering and Biorenewable Resources Technology  
Dissertation: Carbon conversion during bubbling fluidized bed gasification of biomass

Jimmy K. Triplett  
*Winston-Salem, N.C.*

B.A., University of North Carolina - Greensboro  
Department: Ecology, Evolution and Organismal Biology  
Major: Botany (Systematics and Evolution)  
Dissertation: Phylogenetic relationships among the temperate bamboos (Poaceae: Bambusoideae) with an emphasis on *Arundinaria* and allies

†† Keila Elizabeth Tyner  
*Fort Collins, Colo.*

B.S., Texas Christian University;  
M.S., Colorado State University  
Department: Apparel, Educational Studies and Hospitality Management  
Major: Textiles and Clothing  
Dissertation: Cosmetic technologies of the body: An exploration of self and identity through the consumption of nonsurgical cosmetic procedures

Robyn Alycia Zakalik Van Brunt  
*Rockville, Md.*

B.A., University of Maryland – College Park;  
M.S., Iowa State University  
Department: Psychology  
Major: Psychology (Counseling Psychology)  
Dissertation: An online support group intervention for Asian American lesbian and bisexual women

Saurabh Verma  
*Indora, India*

B.V.Sc., Jn Krishi Vishwa Vidyalaya;  
Department: Biomedical Sciences  
Major: Physiology (Pharmacology)  
Dissertation: Voltage-activated currents and their modulation in somatic muscle cells of the nematode *Ascaris suum*
†† Jesse Page Waldo  Corydon, Ind.
B.S., Indiana University;
Department: Chemistry
Major: Organic Chemistry
Dissertation: Iodine and palladium
approaches to medicinally interesting
heterocycles and carbocycles

Shannon Lee Wanner  Bettendorf
B.S., Iowa State University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Dissertation: Phased array system design

Chih-Yuan Weng  Hualien, Taiwan
B.Soc., National Cheng-Chi University;
M.Soc., Ibid.
Department: Sociology
Major: Sociology
Dissertation: SES gradient in psychological
distress revisited: A dynamic perspective
on the mediating effect of financial strain
and mastery

††§ Jennifer L. Willard  Logan
B.A., University of Northern Iowa;
M.S., Iowa State University
Major: Psychology
Dissertation: Understanding how shared
expectations can shape reality: An
examination of the underlying
mechanisms in the accumulation of
perceptual bias effects

†† Maria Loukianenko Wolfe  Samara, Russia
Dipl., Khabarovsk Pedagogical University;
M.A., Iowa State University
Department: English
Major: Rhetoric and Professional
Communication
Dissertation: “That’s just the breaks”: The
ethics and representation in non-fiction
writing

Shilpa Arvind Worlikar  Mumbai, India
B.Sc., Ramnarian Ruia College;
M.Sc., Ibid.
Department: Chemistry
Major: Organic Chemistry
Dissertation: Palladium-catalyzed and
electrophilic cyclization approaches to
carbocycles and heterocycles

Aoshuang Xu  Wenxian, China
B.Sc., Beijing Normal University
Department: Chemistry
Major: Analytical Chemistry
Dissertation: Development in
electrophoresis: instrumentation for two-
dimensional gel electrophoresis of
protein separation and application of
capillary electrophoresis in micro-
bioanalysis

Bo Xu  Mudanjiang, China
B.Eng., Harbin Engineering University;
M.S., Beijing University of Aeronautics and
Astronautics
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Dissertation: Multiresolution editing for B-
spline curves and surfaces

Min Xu  Changsha, China
B.Eng., Central South University of
Technology;
M.Sc., University of Petroleum
Major: Materials Science and Engineering
Dissertation: Crystallization of Zr2PdxCu(1-x)
and Zr2Ni1-xCu(1-x) metallic glass

§ Ying Xu  Nantong, China
B.Eng., Southeast University;
M.S., Ibid.;
M.S., Iowa State University
Department: Mechanical Engineering
Majors: Mechanical Engineering and Applied
Mathematics
Dissertation: Modeling and direct numerical
simulation of particle–laden turbulent
flows

Aimin Yan  Shawan, China
B.Sc., Northwest Agricultural University;
M.Sc., Ibid.;
Ph.D., China Agricultural University;
M.S., Iowa State University
Department: Biochemistry, Biophysics, and
Molecular Biology
Major: Bioinformatics and Computational
Biology
Dissertation: Analysis on protein structures
using statistical and bioinformatical
methods
Lei Yang  
*Ames*  
B.Sc., University of Science and Technology of China;  
M.Phil., Chinese University of Hong Kong;  
M.S., Iowa State University  
Department: Biochemistry, Biophysics, and Molecular Biology  
Major: Bioinformatics and Computational Biology  
Dissertation: Understanding protein motions by computational modeling and statistical approaches

Li Yu  
*Lanzhou, China*  
B.Econ., Central University of Finance and Economics  
Major: Economics  
Dissertation: Three essays on technology adoption, firm size, wages and human capital

Zili Zhai  
*Fugou, China*  
B.Med., Fudan University;  
M.Med., Chinese Academy of Preventive Medicine  
Department: Animal Science  
Major: Neuroscience  
Dissertation: Immunomodulatory, anti-inflammatory and wound healing properties of *Echinacea* species

Cheng Zhang  
*Changsha, China*  
B.E., Zhejiang University  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Dissertation: Purification and characterization of recombinant collagens/gelatins from transgenic corn seeds

Danhui Zhang  
*Peng Lai, China*  
B.Med., Shandong University;  
M.Med. Beijing University of Chinese Medicine  
Department: Biomedical Sciences  
Major: Neuroscience  
Dissertation: Protein Kinase C-delta in dopaminergic system and experimental models of Parkinson's disease

Jiangfeng Zhou  
*Heze, China*  
B.S., Shandong University;  
M.S., Peking University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Study of left-handed materials
## Master of Accounting

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degrees and Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scott William McQuistan</td>
<td>Ankeny</td>
<td>B.S., University of Florida; M.B.A., Ibid., Major: Accounting</td>
</tr>
<tr>
<td>Tyler David Mitchell</td>
<td>Des Moines</td>
<td>B.S., Iowa State University, Major: Accounting</td>
</tr>
<tr>
<td>Zachary James Pettinger</td>
<td>Eden Prairie, Minn.</td>
<td>B.S., Iowa State University; Major: Accounting</td>
</tr>
<tr>
<td>Aaron K. Robbins</td>
<td>Stillwater, Minn.</td>
<td>B.S., Iowa State University, Major: Accounting</td>
</tr>
<tr>
<td>Laura Lee Skeens</td>
<td>Johnston</td>
<td>B.B.A., University of Iowa, Major: Accounting</td>
</tr>
<tr>
<td>Emily Kay Sorensen</td>
<td>Nevada</td>
<td>B.S., Iowa State University, Major: Accounting</td>
</tr>
</tbody>
</table>

## Master of Agriculture

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degrees and Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wendy Jayne Bonner</td>
<td>Swaledale</td>
<td>B.A., University of Northern Iowa, Major: Professional Agriculture</td>
</tr>
<tr>
<td>Louise Jean Fleming</td>
<td>Mount Auburn</td>
<td>B.S., Iowa State University; Major: Professional Agriculture</td>
</tr>
<tr>
<td>Andrew Maurice Johnson</td>
<td>Floyd</td>
<td>B.S., Iowa State University, Major: Professional Agriculture</td>
</tr>
<tr>
<td>Anna Marie Mohr</td>
<td>Nevada</td>
<td>B.S., Iowa State University; B.A., Ibid., Major: Professional Agriculture</td>
</tr>
</tbody>
</table>

## Master of Architecture

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degrees and Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yi-Chieh Han</td>
<td>Taipei, Taiwan</td>
<td>B.S., Tunghai University; M.Engr., Iowa State University, Major: Architecture</td>
</tr>
</tbody>
</table>

## Master of Arts

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degrees and Majors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Patrick Bartolotta</td>
<td>Bloomington, Minn.</td>
<td>B.A., University of St. Thomas, Department: English, Major: Rhetoric, Composition and Professional Communication, Thesis: Toward a humor-enhanced classroom</td>
</tr>
<tr>
<td>Narren J. Brown</td>
<td>Oakland, Calif.</td>
<td>B.A., Luther College, Major: Political Science, Thesis: Political culture's effect on voter turnout: the 2004 election and beyond</td>
</tr>
<tr>
<td>Yong Ouk Cho</td>
<td>Ames</td>
<td>B.Eng., Changwon National University; M.A., Ibid., Major: Political Science, Thesis: Post-cold war Japan-ROK relations: a pluralist approach</td>
</tr>
<tr>
<td>Chase Owen Davidson</td>
<td>Council Bluffs</td>
<td>B.A., University of Iowa, Major: Political Science, Thesis: Neoclassical realism and the collapse of the 1994 Agreed Framework</td>
</tr>
</tbody>
</table>

---

§ Research Excellence Award  
† † Teaching Excellence Award
Jacqueline Amy Dycke-Norris  Des Moines
B.A., State University of New York - Geneseo
Major: Political Science
Thesis: Youth voter mobilization techniques and their effectiveness in the 2008 Iowa Democratic caucuses

Carole Noelle Edginton  Cedar Falls
B.A., University of Northern Iowa
Department: Interdisciplinary Graduate Studies
Major: Interdisciplinary Graduate Studies (Arts and Humanities)
Thesis: Syncretism: A study of Toshodai-ji Wayo architectural and cultural elements

Dawn E. Eyestone  Des Moines
B.F.A., Iowa State University
Department: English
Major: English (Literature)
Thesis: Therapeutic journeys: Subversion of archetypal convention in women's travel narrative

Amanda J. Forsyth  Winterset
B.A., Iowa State University
Department: English
Major: English (Literature)
Thesis: Gender and book clubs in the middle school setting

Angela Christina Furtado-Rasmussen  Ankeny
B.A., Iowa State University;
M.Educ., Ibid.
Department: English
Majors: English (Creative Writing) and Rhetoric, Composition and Professional Communications
Thesis: Along divergent paths: A two-part thesis in creative and technical writing

Michael Adrian Gilligan  Bloomington, Ill.
B.J.S., University of Kansas;
B.A., Ibid.
Department: English
Major: Teaching English as a Second Languages/Applied Linguistics
Thesis: The effect of error codes on second language writing

Christina Lee Kitson  Norway
B.A., Iowa State University
Department: English
Major: Teaching English as a Second Languages/Applied Linguistics

Thomas Michael Lage  Cedar Rapids
B.A., Iowa State University
Department: English
Major: Teaching English as a Second Languages/Applied Linguistics
Thesis: An exploratory study of computer assisted language learning (CALL) glosses and traditional glosses on incidental vocabulary learning and Spanish literature reading comprehension

Hyunjung Lee  Ames
B.A., Chung-Ang University
Department: English
Major: Teaching English as a Second Languages/Applied Linguistics (Computer Assisted Language Learning)
Thesis: The role of recasts in the interactions of native-speakers of English with Korean English language learners

Edna de Freitas Lima  Vicos, Brazil
B.Lang., Universiadiade Federal de Vicos
Department: English
Major: Teaching English as a Second Languages/Applied Linguistics (Computer Assisted Language Learning)
Thesis: An exploratory study of language and nonlanguage factors affecting nonnative undergraduate students' reaction to international teaching assistants

Matthew E. Morain  Jefferson
B.A., Simpson College
Department: English
Major: Rhetoric, Composition and Professional Communication
Thesis: Composition 2.0: Rethinking Web literacy for the twenty-first century classroom

†† Mark David Nieman  B.A., Iowa State University
Major: Political Science
Thesis: In search of growth: neoliberal and institutional models for economic growth in an age of globalization

Tyler John Niska  Clive
B.A., Iowa State University;
B.S., Ibid.
Department: English
Major: English (Literature)
Thesis: Bridging the gaps: Lawrence Durrell's Alexandria Quartet as a transitional work in twentieth century literature

§ Research Excellence Award
†† Teaching Excellence Award
Shannon Kelly Proulx  
*Salt Lake City, Utah*

B.A., Westminster College – Salt Lake City  
Department: English  
Major: Rhetoric, Composition and Professional Communication  
Thesis: Early twentieth-century avant-garde book design: An agentive vehicle for social change

Itai Roffman  
*Herzliya, Israel*

B.A., Tel-Hai Academic College  
Major: Anthropology  
Thesis: Are bicultural bonobos able to recognize iconic representations and produce referential signs in human cultural terms?

Ruslan S. Suvorov  
*Izmail, Ukraine*

Sp., Izmail State Humanities University  
Department: English  
Major: Teaching English as a Second Languages/Applied Linguistics (English for Specific Purposes) (Language Assessment)  
Thesis: Context visuals in L2 listening tests: The effectiveness of photographs and video vs. audio-only format

Nathan William Swanson  
*Lynn Center, Ill*

B.A., Iowa State University  
Major: Political Science  
Thesis: Hezbollah's Nasrallah: the “great man” of the Levant

Shengyu Wang  
*Shenyang, China*

B.A., Dalian University of Foreign Languages  
Department: English  
Major: English (Literature)  
Thesis: Multiple voices and contesting ideologies in John Milton’s *Paradise Lost*

Inhan Yeo  
*Ames*

B.A., Korea Military Academy  
Major: Political Science  
Thesis: Dyadic power shifts and alliance credibility: Analysis of gap of the threat perception

### Master of Arts in Teaching

<table>
<thead>
<tr>
<th>Name</th>
<th>Location</th>
<th>Institutions</th>
</tr>
</thead>
</table>
| Matthew D. Bannerman      | Le Mars           | B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education |
Department: Curriculum and Instruction  
Major: Science Education |
| Adam Martin Kapler        | Fort Dodge        | B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education |
| Christopher John Kurtt    | Dallas Center     | B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education |
| Katherine Alexis Larson   | Ames              | B.A., University of Notre Dame  
Department: Curriculum and Instruction  
Major: Science Education |
| Joseph Richards Miller    | Fairfield         | B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education |
Department: Curriculum and Instruction  
Major: Science Education |
| Douglas J. Mossengren     | Le Mars           | B.S., Iowa State University  
B.S.E., University of Wisconsin - Whitewater  
Department: Curriculum and Instruction  
Major: Science Education |
| Amanda Michelle Noller    | Fort Collins, Colo. | B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education |
Kara Eileen Houlihan Victorsen  
Lisle, Ill.  
B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education

Elizabeth Diane White  
Woodbridge, Va.  
B.S., Iowa State University  
Department: Curriculum and Instruction  
Major: Science Education

MASTER OF BUSINESS ADMINISTRATION

Morgan Mariah Halverson  
Urbandale  
B.S., Iowa State University  
Major: Business Administration

Kacie Janssen  
Des Moines  
B.A., University of Northern Iowa  
Major: Business Administration

Dinesh Keshwani  
Urbandale  
B.Eng., Birla Institute of Technology and Science;  
M.S., University of Nebraska - Lincoln  
Department: Business Administration  
Major: Business Administration (Information Systems)

Kalén Robert Lewis  
McCallsburg  
B.S., Iowa State University  
Department: Business Administration  
Major: Business Administration (Supply Chain Management)

Nicholas Allen McCulley  
Oakville  
B.S., Iowa State University  
Major: Business Administration

Russell Nay  
Altoona  
B.A., Iowa State University;  
B.A., Simpson College  
Department: Business Administration  
Major: Business Administration (Information Systems)

Kristen Marie Pudenz  
Urbandale  
B.S., Morningside College  
Major: Business Administration

Kimberly Sue Stieler  
Soldier  
B.S., Iowa State University  
Department: Business Administration  
Major: Business Administration (Supply Chain Management)

David L. Thomas  
West Des Moines  
B.S., Iowa State University  
Department: Business Administration  
Major: Business Administration (Information Systems)

James B. Tolan  
Rochelle, Ill.  
B.S., Iowa State University  
Major: Business Administration

Shiu-an Yu Tzeng  
Taoyuan, Taiwan  
B.A., Tunghai University  
Department: Business Administration  
Major: Business Administration (International Business)

Kimberly Shalisa Wayne  
Gary, Ind.  
B.S., Purdue University  
Major: Business Administration

Brenda Rae Wenzel  
Latimer  
B.S., Iowa State University  
Major: Business Administration

MASTER OF COMMUNITY AND REGIONAL PLANNING

Lucas Paul Nelson  
Boone  
B.S., Iowa State University  
Major: Community and Regional Planning  
Thesis: Forces affecting prospects for joint land use planning services in Boone County, Iowa
MASTER OF EDUCATION

Callie Sue Anderson  Creston
B.A., Buena Vista University
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Miguel Angelo Badillo  Long Beach, Calif.
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Education

David A. Glenn  McCallsb urg
B.S., University of Iowa
Department: Educational Leadership and Policy Studies
Major: Education (Educational Administration)

Andrea Marie Hammes  Ames
B.A., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Kelly Marie Hanfelt  Ames
B.A., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Jennifer L. Keahna  Tama
B.S., Iowa State University
Department: Educational Leadership and Policy Studies
Major: Education (Higher Education)

Bradford Blaine Peter  Arnolds Park
B.S., Truman State University
Department: Curriculum and Instruction
Major: Education

Elizabeth Amee Joy Ratashak  Os cola
B.S., Iowa State University
Department: Family and Consumer Sciences Education and Studies
Major: Family and Consumer Sciences Education

Krystal Marie Van Ee  Oskaloosa
B.A., Dordt College
Department: Curriculum and Instruction
Major: Education

Marnie Marie Walker  Ankeny
B.S., Tennessee Technological University
Department: Curriculum and Instruction
Major: Education

MASTER OF ENGINEERING

B.S., Iowa State University
Major: Aerospace Engineering

Morgan Caitlin Baldwin  Montclair, Va.
B.S., Virginia Tech;
B.S., Ibid;
M.S., Iowa State University
Major: Aerospace Engineering

Enanga Fale  Saint Cloud, Minn.
B.S., St. Cloud State University
Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering

Ibrahim Jinnah Ghandi  Brooklyn Park, Minn.
B.E.E., University of Minnesota - Minneapolis
Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering

Rachel Ann Jablonski  Marion
B.S., University of Nebraska at Lincoln
Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering

Franklin Kendrick Li  Plymouth, Minn.
B.S., University of North Dakota
Department: Industrial and Manufacturing Systems Engineering
Major: Systems Engineering
Tyrone David Moore  
Davenport  
B.S., Iowa State University  
Department: Industrial and Manufacturing  
Systems Engineering  
Major: Systems Engineering  

Kenneth Daniel Singleton  
Milford, Ohio  
B.S., Ohio State University  
Department: Industrial and Manufacturing  
Systems Engineering  
Major: Systems Engineering  

Brad M. Rosenhamer  
Sleepy Eye, Minn.  
B.S., Iowa State University  
Department: Industrial and Manufacturing  
Systems Engineering  
Major: Systems Engineering  

JungGyuYang  
Ames  
B.S., University of Ulsan  
Major: Aerospace Engineering  

M A S T E R O F F A M I L Y A N D C O N S U M E R S C I E N C E S

Heidi May Berkenbosch  
Prairie City  
B.S., Iowa State University  
Department: Human Development and Family Studies  
Major: Family and Consumer Sciences (Human Development and Family Studies)  

Mary Elizabeth Reynolds  
Ankeny  
B.A., Iowa State University  
Department: Human Development and Family Studies  
Major: Family and Consumer Sciences (Human Development and Family Studies)  

Diane K. Egdorf  
Ogden  
B.S., Iowa State University; M.S., Ibid.  
Department: Human Development and Family Studies  
Major: Family and Consumer Sciences (Human Development and Family Studies)  

Renee Jean Meyer  
Denver  
B.A., University of Northern Iowa  
Department: Art and Design  
Major: Graphic Design  
Thesis: Culture, context, and communication: Developing a culturally sensitive curriculum in graphic design education  

M A S T E R O F F I N E A R T S

Trent Nathaniel Grover  
Ames  
B.S., Iowa State University  
Department: Art and Design  
Major: Integrated Visual Arts  
Thesis: Dream of the Techno-Shaman  

Kimberly Marie Melhus  
Galesburg, Ill.  
B.F.A., Bradley University  
Department: Art and Design  
Major: Graphic Design  
Thesis: Design for aging eyes: An in-depth look at fast-food outdoor menu displays  

Min Sun Lee  
Hudson, Wis.  
B.A., University of Wisconsin – Eau Claire  
Department: Art and Design  
Major: Graphic Design  
Thesis: Designing a nutritional packaging system for end stage renal disease patients on hemodialysis to maintain their diet and health  

Kimberly Marie Melhus  
Galesburg, Ill.  
B.F.A., Bradley University  
Department: Art and Design  
Major: Graphic Design  
Thesis: Design for aging eyes: An in-depth look at fast-food outdoor menu displays  

Renee Jean Meyer  
Denver  
B.A., University of Northern Iowa  
Department: Art and Design  
Major: Graphic Design  
Thesis: Culture, context, and communication: Developing a culturally sensitive curriculum in graphic design education
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Degree, University</th>
<th>Department</th>
<th>Major</th>
<th>Thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jillissa Lynn Moorman</td>
<td>Marshalltown</td>
<td>B.F.A., Iowa State University</td>
<td>Art and Design</td>
<td>Interior Design</td>
<td>Interior design versus interior decoration: evaluating the public's perception of design television shows</td>
</tr>
<tr>
<td>Michael Christopher Stanley</td>
<td>Butler, Mo.</td>
<td>B.F.A., University of South Dakota</td>
<td>Art and Design</td>
<td>Integrated Visual Arts</td>
<td>Katrina's crescendo</td>
</tr>
<tr>
<td>Lucas Paul Nelson</td>
<td>Boone</td>
<td>B.S., Iowa State University</td>
<td>Political Science</td>
<td>Public Administration</td>
<td>Forces affecting prospects for joint land use planning services in Boone County, Iowa</td>
</tr>
<tr>
<td>Robert Wilson Reynolds</td>
<td>Clive</td>
<td>B.S., Oral Roberts University</td>
<td>Mathematics</td>
<td>School Mathematics</td>
<td></td>
</tr>
</tbody>
</table>
MASTER OF SCIENCE

James Duane Abbey
Ames
B.S., Iowa State University
Department: Business Administration
Major: Business
Thesis: Analyzing impacts on backorders and ending inventory in MRP due to changes in lead-time, demand variability and safety stock levels

Cherié Joy Alf
Tempe, Ariz.
B.S., Arizona State University
Major: Statistics

†† Amber Dawn Anderson Mba
Aurelia
B.S., Iowa State University
Department: Agronomy
Major: Sustainable Agriculture
Thesis: The effects of farmer attitudes and farm management practices on soil quality: a study in Cherokee County, Iowa

José Manuel Ayala
Valdivia, Chile
Licen., Universidad Catolica del Norte
Major: Mathematics
Thesis: Global behavior of graph dynamics with applications to Markov chains

Angela R. Beaman
Chula Vista, Calif.
B.F.A., Iowa State University
Major: Horticulture
Thesis: Irradiance, total nitrogen, and nitrate-N : ammonium-N ratio requirements for optimal edible biomass production of basil

Jason Alan Boyd
Nevada
B.S., Iowa State University
Department: Electrical and Computer Engineering
Majors: Computer Engineering and Information Assurance

Ronald Dean Bremner
Cedar Falls
B.S., Iowa State University;
B.S., Ibid.
Major: Mechanical Engineering

Andrew William Brown
Cedar Rapids
B.S., Iowa State University
Department: Biochemistry, Biophysics, and Molecular Biology
Major: Biochemistry
Thesis: Selected measures of health in women fed conjugated linoleic acid-enriched products from organic, pasture-fed cattle

Eric Lee Bumann
Dallas Center
B.S., Iowa State University
Major: Agronomy

Brian Anthony Campbell
Silver Spring, Md.
B.S., Tuskegee University
Department: Horticulture
Major: Genetics
Thesis: Accumulation of BEL1-like transcripts in solanaceous species

Jason Anthony Carroll
Clive
B.S., Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Environmental Engineering)

Jennet C. Caruthers
Albuquerque, N. Mex.
B.S., New Mexico Institute of Mining and Technology
Department: Ecology, Evolution and Organismal Biology
Major: Ecology and Evolutionary Biology
Thesis: Butterfly community temporal trends and responses to resource availability along a hydrologic gradient of montane meadows

Tracie Korbitz Chandrasekaran
Estherville
B.M., Simpson College
Department: Curriculum and Instruction
Major: Education
Thesis: Strategies used by secondary Spanish teachers in heritage language student classrooms

Yao Chang
Haikou, China
B.S., Fudan University
Major: Journalism and Mass Communication
Thesis: Framing China: How U.S. media reported eight U.S. state visits by top Chinese leaders

Meisha Adia Colbert
Ames
B.L.S., Iowa State University
Major: Interdisciplinary Graduate Studies

Garrett Marc Dancik
Succasunna, N.J.
B.S., Ramapo College
Major: Statistics

Krysta Leigh Deitz
Ames
B.S., University of Florida;
D.V.M., Ibid.
Major: Veterinary Clinical Sciences

§ Research Excellence Award
†† Teaching Excellence Award
Jennifer Ann Dillon  Sumner
B.S., Iowa State University
Major: Agricultural Education

§ Teske Renee Drake  Burlington
B.A., University of Northern Iowa
Major: Human Development and Family Studies
Thesis: "It's not fair!" Mothers' experiences with perinatal loss upon confirmation of a lethal prenatal diagnosis

Christopher James Frederick  Ludington, Mich.
B.S., Lake Superior State University
Major: Agronomy

Bruce Hsin-Jan Fu  Ames
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: Fast phase steering in an array antenna using PLL

Phillip Charles Gauger  Ames
B.S., Iowa State University;
D.V.M., Ibid.
Department: Veterinary Microbiology and Preventive Medicine
Major: Veterinary Microbiology
Thesis: Characterization of porcine circovirus type 2a and 2b infection and lesions in gnotobiotic pigs

Mark Thomas Giesmann  Waverly
B.A., Wartburg College
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Structural Engineering)
Thesis: Evaluation of bridges implementing innovative materials and design

Xiaoqing Gu  Ames
B.S., Central China Normal University;
M.Tech., University of Limerick
Department: Industrial and Manufacturing Systems Engineering
Major: Industrial Engineering
Thesis: The behavior of simulated annealing in stochastic optimization

§ Jason Wade Haegele  Davenport
B.S., Iowa State University;
B.S., Ibid.
Department: Agronomy
Major: Crop Production and Physiology
Thesis: Maize (Zea mays L.) kernel development, suitability for dry-grind ethanol production, and susceptibility to aflatoxin accumulation in relation to late season water stress

Rex Heer  Ames
B.A., Iowa State University
Department: Curriculum and Instruction
Major: Education (Curriculum and Instructional Technology)
Thesis: Exploring the congruence of ethnic minority millennial students' transition to college, social identity and community, and online social network services

Amanda Heather Hemmingsen  Wabasha, Minn.
B.S., University of Minnesota - Minneapolis
Department: Ecology, Evolution and Organismal Biology
Major: Genetics
Thesis: Phylogenetic placement and population genetic analysis of the endangered winged mapleleaf, Quadrula fragosa

James Monroe Hershbarger  Champaign, Ill.
B.S., University of Illinois – Urbana Champaign
Department: Agricultural and Biosystems Engineering
Major: Agricultural Engineering (Agricultural Power and Machinery)
Thesis: Development and modeling of a slope insensitive combine cleaning shoe

Josh Nicholas Hinds  Groton, S. Dak.
B.S., South Dakota State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Transportation Engineering)
Thesis: The development of a case based reasoning tool for high-speed signalized expressway intersections in the State of Iowa
Jacob R. Hoberg  
Mason City, Ill.
B.S., Western Illinois University
Department: Physics and Astronomy
Major: Condensed Matter Physics
Thesis: Magneto-optical study of the intermediate state in type-I superconductors: effects of sample shape and applied current

Laurie Hyrkas  
Lakeville, Minn.
B.S., University of Minnesota - Minneapolis
Department: Agronomy
Major: Plant Breeding

Jill Lanae Janes  
Ames
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Education
Thesis: Families, motivation, and reading: Pre-adolescent students and their reading motivation and family reading habits

Indria Michelle Jenkins  
Martinez, Ga.
B.A., CUNY – Hunter College
Department: Psychology
Major: Psychology
Thesis: Attitudes, social relationships and behaviors of black and biracial adolescents

Xi Jiang  
Beijing, China
B.S., Lanzhou Jiaotong University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Environmental Engineering)
Thesis: Evaluation of an anaerobic granule biosensor for upset early warning detection

David Bennett Johnson  
Rockford, Ill.
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: Microwave nondestructive evaluation of aircraft radomes

Erin N. Boote Jones  
Hull
B.S., Iowa State University
Department: Chemical and Biological Engineering
Major: Chemical Engineering
Thesis: Effects of substrate and co-culture on neural progenitor cell differentiation

Stephanie Rose Kadlicko  
Toronto, Ontario
B.S., Iowa State University
Major: Entomology
Thesis: Evaluation of Serbian commercial corn hybrid tolerance to feeding by larval western corn rootworm (Diabrotica virgifera virgifera LeConte) using the novel difference approach

Jonathan Taylor Kahl  
Belleville, Wis.
B.S., University of Wisconsin – La Crosse
Major: Psychology
Thesis: Can prosopagnosics discriminate similar, non-face objects?

Dmitry A. Kirilov  
Ames
B.A., South Russian State Technical University;
B.S. Iowa State University
Major: Computer Science

Krystal M. Kirkpatrick  
Humboldt
B.A., Cornell College
Department: Agronomy
Major: Plant Breeding
Thesis: The evaluation of maize genotypes for potential use in cellulosic ethanol production

Nikhil Kumar  
Chennai, India
B.E., Anna University
Major: Aerospace Engineering
Thesis: Stress analysis of wood-framed low-rise buildings under wind loads due to tornados

Niranjan Kumar  
Chennai, India
B.E. Anna University
Major: Computer Science
Thesis: Implementation of the NC-94 hybrid storage prototype on a binary version of CanStoreX

Nicholas B. Larson  
Ames
B.A., St. Olaf College
Major: Statistics

Kyung Sun Lee  
Seoul, South Korea
B.A., Korea University
Major: Journalism and Mass Communication
Thesis: Female genital mutilation: Multiple-case studies of communication strategies against a taboo practice

§ Research Excellence Award
† † Teaching Excellence Award
Alex Roscoe Leith  Washington
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: Analysis of transmit beamforming and fair OFDMA scheduling

Nyssa Ann Levy  Glen Cove, N.Y.
B.S., Cornell University
Department: Veterinary Microbiology and Preventive Medicine
Major: Immunobiology
Thesis: Neonatal alveolar macrophages upregulate cytokine gene transcription via p38 MAPK signaling but fail to secrete cytokines in response to Respiratory Syncytial Virus

Ming Li  Ningjin, China
B.Sc., Xiamen University; Ph.D., Iowa State University
Major: Statistics

Qiaohui Lin  Shenzhen, China
B.S., South China University of Technology; M.S., Ibid.
Department: Biochemistry, Biophysics, and Molecular Biology
Major: Genetics
Thesis: Study on the regulatory function of starch synthase III in maize starch metabolism

Lexin Liu  Shenyang, China
B.E., Shenyang University of Technology; M.E., Ibid.
B.S., Iowa State University
Major: Computer Science
Thesis: A software system for causal reasoning in causal Bayesian networks

Yitung Lo  Taipei, Taiwan
B.A., Fujen Catholic University; M.F.C.S., Iowa State University
Major: Journalism and Mass Communication
Thesis: Comparing fashion innovators and non-innovators' characteristics and perceptions of online shopping: the case of Taiwan

Andre Lokasari  Ames
B.S., Iowa State University
Major: Computer Science
Thesis: Spatial ability cognitive model with ACT-R 6.0

Khiam-How Low  Bayan Lepas, Malaysia
B.S., Iowa State University
Department: Aerospace Engineering
Major: Engineering Mechanics
Thesis: Characterization of conductive surface printing via electric field induced ion transport

Anthony Machacha  Corvallis, Oregon
B.Sc., Jomo Kenyatta University
Department: Sociology
Majors: Sociology and Sustainable Agriculture
Thesis: Farmer field schools in Bungoma district of western Kenya: A rapid appraisal

Julia A. Maier  Rochester, N.Y.
B.A., Lycoming College
Major: Psychology
Thesis: Attention and level of processing: Movie viewing styles and the priming of aggressive cognitions

Joseph Deng Malual  Des Moines
B.S., Iowa State University
Major: Sociology
Thesis: Sustainable livelihoods analysis of post-conflict rural development in southern Sudan

Janice Dionne Marquardt  Ames
B.S., Iowa State University
Major: Mechanical Engineering
Thesis: Force interaction characterization between thrombin and DNA aptamers

Bryce D. Martin  Grand Junction
B.S., University of Nebraska – Lincoln
Major: Animal Science
Thesis: Comparison of carcass composition, performance, and tissue deposition rates among breeds of swine

Kristen Kartchner Maughan  Story City
B.S., Utah State University
Department: Kinesiology
Major: Kinesiology (Biological Basis of Physical Activity)
Thesis: Does balance training improve balance in physically active older adults?
Georg Meyer  
West Des Moines
B.S., Excelsior College;
B.S., Ibid.
Department: Logistics, Operations and
Management Information Systems
Majors: Information Systems and
Information Assurance
Thesis: Internet user preferences in relation
to cognitive and affective styles

Timothy Egan Moran  
Story City
B.S., Iowa State University
Department: Kinesiology
Major: Kinesiology (Biological Basis of
Physical Activity)
Thesis: Comparison of air-displacement
plethysmography and hydrodensitometry
in high school football linemen

Jeffery Thomas Murphy  
Centerville
B.A., Central College
Major: Aerospace Engineering
Thesis: Experimental investigation of
biomimetic wing configurations for
Micro Air Vehicle applications

Russell Nay  
Altoona
B.A., Iowa State University;
B.A., Simpson College
Department: Logistics, Operations and
Management Information Systems
Major: Information Systems

Ross Edward O’Hara  
Canton, Mich.
B.A., Albion College
Major: Psychology
Thesis: The effect of perceived control and
stress on college students’ willingness
and intention to binge drink

Jessica Marie Orlofske  
Oak Creek, Wis.
B.S., University of Wisconsin – Stevens Point
Department: Ecology, Evolution and
Organismal Biology
Major: Ecology and Evolutionary Biology
Thesis: Terrestrial arthropod community and
indicators of biotic integrity for Iowa
tallgrass prairie

Geunhyung Park  
Busan, South Korea
B.S., University of Wisconsin - Madison
Major: Mechanical Engineering
Thesis: Characterization of actuator
behaviors of ferrogels obtained from
physical and chemical cross-linking
methods

Jun Koo Park  
Ames
B.A., Hanyang University
Department: Mathematics
Major: Applied Mathematics

Matthew Richard Paul  
Tacoma, Wash.
B.S., Western Washington University
Major: Statistics

Jennifer Suzanne Perrin  
Muscatine
B.S., Iowa State University
Major: Human Development and Family
Studies
Thesis: Marital satisfaction and
psychological well-being in clinical and
non-clinical samples

Anna Dagmar Peterson  
Roseville, Minn.
B.A., St. Olaf College
Major: Statistics

Kenneth Phung  
Fremont, Calif.
B.S., University of California – Los Angeles
Department: Veterinary Diagnostic and
Production Animal Medicine
Major: Toxicology
Thesis: LC-MS techniques for analytical
testing of recombinant human
erthropoietin and darbepoetin alfa in
equine plasma samples for anti-doping
control

Bhuvaneswari Ramkumar  
Chennai, India
B.Tech., Anna University
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Thesis: Encrypted mal-ware detection

Jill Reisner  
Altoona
B.S., Iowa State University
Department: Curriculum and Instruction
Major: Education (Special Education)
Thesis: The impact of flexible grouping on
reading achievement for sixth grade
students

Alex Raymond Renner  
Lincoln, Neb.
B.S., Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Majors: Industrial Engineering and Human
Computer Interaction
Thesis: Computer aided process planning for
rapid prototyping using a genetic
algorithm
†† Philip David Reusswig  
Muscatine
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Electrical Engineering

§ Carlos Humberto Rodríguez-Briljevich  
San José, Costa Rica
B.Arch., University of Costa Rica
Major: Plant Pathology
Thesis: Interaction of fungicide seed treatments and the Fusarium-maize (Zea mays L.) pathosystem

Kyoungmin Roh  
Ames
B.E., Hong-Ik University
Department: Ecology, Evolution and Organismal Biology
Major: Bioinformatics and Computational Biology
Thesis: Evolutionary variance of gene network model via simulated annealing

Mark David Rolfes  
Cedar Rapids
B.S., Iowa State University
Department: Electrical and Computer Engineering
Major: Computer Engineering

Kelsey Leigh Ryder  
Sparta, Wis.
B.S., University of Wisconsin – La Crosse
Major: Human Development and Family Studies
Thesis: Influence of media on physiological arousal

Muniba Saleem  
Columbus, Ohio
B.A., Ohio State University
Major: Psychology
Thesis: Effects of stereotypic video game portrayals on implicit and explicit attitudes

Sarah Ruth Schmidt  
Katy, Tex.
B.S., Abilene Christian University
Departments: Geological and Atmospheric Sciences and Aerospace Engineering
Majors: Meteorology and Engineering Mechanics
Thesis: Computational and wind tunnel studies of shelterbelts for reduction of wind flow and wind-induced loads on low-rise buildings

Kevin George Sehn  
Valley, Neb.
B.S., Iowa State University
Major: Aerospace Engineering
Thesis: Aerodynamic mitigation of extreme wind loading on low-rise buildings

Saalini Valli Sekar  
Ames
B.S., Iowa State University;
B.S., Ibid.
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Thesis: Nonlinear device characterization and second harmonic impedance tuning to achieve peak performance for a SiC power MESFET device at 2GHz

Gang Shen  
Weifang, China
B.Eng., Shanghai University of Electric Power;
M.Eng., Shanghai Jiaotong University
Major: Economics

Will Jay Shuhrroori  
Bloomingdale, Ga.
B.S., University of Arkansas – Little Rock
Major: Mechanical Engineering

Lloyd D. Snell  
Ames
B.A., McPherson College;
B.S., Iowa State University
Department: Agricultural and Biosystems Engineering
Major: Agricultural Engineering
Thesis: Force and moment analysis of stacked counter rotating eccentric mass tree shaker energy-wheel system

Zhengyu Sun  
Shanghai, China
B.S., Shanghai Jiaotong University
Department: Community and Regional Planning
Major: Transportation

Molly C. Sween  
Algona
B.S., Iowa State University
Major: Sociology
Thesis: Tattoos and the interaction process: Managing a tattooed identity

Matthew James Swenka  
Fayette
B.S., Iowa State University
Major: Mechanical Engineering
Thesis: An energy and cost analysis of residential ground-source heat pumps in Iowa

Edward L. Swing  
Duluth, Minn.
B.A., College of Saint Scholastica
Major: Psychology
Thesis: Attention abilities, media exposure, school performance, personality, and aggression
<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>University</th>
<th>Major</th>
<th>Thesis</th>
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<tbody>
<tr>
<td>David L. Thomas</td>
<td>West Des Moines</td>
<td>Iowa State University</td>
<td>Logistics, Operations and Management Information Systems</td>
<td>Information Systems</td>
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<tr>
<td>Thomas L. Vande Voort</td>
<td>Eldora</td>
<td>Iowa State University</td>
<td>Civil Engineering (Structural Engineering)</td>
<td>Design and field testing of tapered H-shaped ultra high performance concrete piles</td>
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<td>Alec DeMars Houlihan Victorsen</td>
<td>Edina, Minn.</td>
<td>Iowa State University</td>
<td>Veterinary Microbiology and Preventive Medicine</td>
<td>Identification and characterization of genes responsible for high persistence in <em>Salmonella enterica</em> serovar Typhimurium</td>
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<td>Kathlyn Ann Videkovich</td>
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<td>Milwaukee School of Engineering</td>
<td>Civil Engineering (Geotechnical Engineering)</td>
<td>Utility cut repair techniques – Investigation of improved utility cut repair techniques to reduce settlement in repaired areas, Phase II</td>
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<td>Shannon Marie Wetzler</td>
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<td>Sonoma State University</td>
<td>Human Development and Family Studies</td>
<td>A phenomenological case study of an adoptive couple's journey through the adoption process of a child from an Asian country</td>
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<td>Tiffany Lynn Wiebold</td>
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<td>Iowa State University</td>
<td>Education (Curriculum and Instruction Technology)</td>
<td>Techno-economic evaluations of biofuel technologies</td>
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<td>§ Mark Mba Wright</td>
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<td>Mechanical Engineering and Biorenewable Resources and Technology</td>
<td>Thesis: Physical activity and motor skills in overweight and normal weight low income preschool children</td>
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<td>Allison M. Wulfekuhle</td>
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<td>Iowa State University</td>
<td>Kinesiology (Behavioral Basis of Physical Activity)</td>
<td>Thesis: Physical activity and motor skills in overweight and normal weight low income preschool children</td>
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<td>Wenjun Xie</td>
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<td>Tsinghua University</td>
<td>Analytical Chemistry</td>
<td>Determination of NAD+ and NADH level in a single cell under H₂O₂ stress by capillary electrophoresis</td>
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<td>Amanda Kay Young</td>
<td>Ankeny</td>
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<td>Industrial Relations</td>
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<td>Beth Marie Weitzell Zavala</td>
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<td>Drake University - Iowa</td>
<td>Curriculum and Instruction</td>
<td>Teaching electricity in elementary, middle and high school: some real life examples</td>
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<td>Dayu Zhou</td>
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<td>Iowa State University</td>
<td>Electrical and Computer Engineering</td>
<td>Light-trapping enhancement in thin film solar cells with photonic crystals</td>
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# Candidates for Degrees from the College of Agriculture and Life Sciences

## Bachelor of Science

### Curriculum in Agricultural Business

<table>
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<th>Name</th>
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<tr>
<td>Nicholas Richard Howe</td>
<td>State Center</td>
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<tr>
<td>Cassie Ann Johnson</td>
<td>Cushing</td>
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<tr>
<td>Justin James Lindgren</td>
<td>Paton</td>
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<tr>
<td>Amy Catherine Schreiber</td>
<td>Fort Dodge</td>
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### Curriculum in Agricultural Studies

<table>
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<tr>
<td>Chris Clement Bouma</td>
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<tr>
<td>Kevin Scot Brant</td>
<td>Madrid</td>
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<tr>
<td>Sarah L. Cordes</td>
<td>Waverly</td>
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<td>Nicholas Jay Frohardt</td>
<td>Sac City</td>
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<tr>
<td>Brian Lamoin Perry</td>
<td>New Providence</td>
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<tr>
<td>Ashley Rose Studer</td>
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### Curriculum in Agricultural Systems Technology

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<tr>
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<td>Red Oak</td>
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<tr>
<td>Bryan David Hoag</td>
<td>Muscatine</td>
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### Curriculum in Agronomy

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<tr>
<td>Mark Andrew Rosmann</td>
<td>Harlan</td>
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### Curriculum in Animal Ecology

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<tr>
<td>Patricia Jean Bitker</td>
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</tr>
<tr>
<td>Mallory Michelle Senn</td>
<td>Waterloo</td>
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### Curriculum in Animal Science

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<td>Tiana Marie Amos</td>
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<tr>
<td>Elizabeth Anne Boesen</td>
<td>Boone</td>
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<td>Stephen W. Bunch</td>
<td>Manhattan, Kans.</td>
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<td>Erin Elizabeth Morey</td>
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<td>Sarah Elizabeth Ramos</td>
<td>McCordsville, Ind.</td>
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<tr>
<td>Davin La Vere Rankin</td>
<td>Panora</td>
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<tr>
<td>Sarah Marie Uthe</td>
<td>Muscatine</td>
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### Curriculum in Biology

<table>
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<tr>
<td>** Rachel C. Bottjen</td>
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<tr>
<td>Heather Whitney Daskal</td>
<td>West Des Moines</td>
</tr>
<tr>
<td>Heather Marie Klemm</td>
<td>Forest City</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
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<th>Curriculum in Food Science</th>
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<tbody>
<tr>
<td>Takiyah Oniya Abdulmalik</td>
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<td>David John Freeman</td>
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<td>Holly Lynne Mullins</td>
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<td>Brandon Scott Burrows</td>
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<td>Jeff Wallace</td>
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<td>Shayne Acrea</td>
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<td>Eric Christopher Pitzen</td>
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<tr>
<td>Matthew Norman Bowers</td>
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<td>Travis Ward Christoffersen</td>
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<td>Austin T. Harris</td>
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<tr>
<td>Benjamin Earl Houseman</td>
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<td>Matthew Taylor Joens</td>
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<td>Travis Joseph Keeney</td>
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<tr>
<td>Scott Alan Klingbeil</td>
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<td>J. Michael Music</td>
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<td>Greg L. Speer</td>
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<tr>
<td>Nicole L. Meredith</td>
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<td>Jennifer Lynn Palmer</td>
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<td>Danielle Elizabeth Reed</td>
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<td>Gabriel Matthew Wilson</td>
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<th>Multiple Curricula</th>
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<tbody>
<tr>
<td>Jordan Thomas Uthe</td>
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<tr>
<td>Agronomy and Seed Science</td>
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### Candidates for Degrees from the College of Business

#### Bachelor of Science

**Curriculum in Business**

### Major in Accounting

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Christina Nicole Bear</td>
<td>Ames</td>
<td>Iowa</td>
</tr>
<tr>
<td>Natalie Jo Chambers</td>
<td>Eddyville</td>
<td>Iowa</td>
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<tr>
<td>Shannon Marie Cross</td>
<td>Ames</td>
<td>Iowa</td>
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<tr>
<td>Alison Renee Deiter</td>
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<td>Iowa</td>
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<tr>
<td>Kevin Dean Hathaway</td>
<td>Cedar Rapids</td>
<td>Iowa</td>
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<tr>
<td>Roberta Ann Jensen</td>
<td>Marshall, Minn.</td>
<td>Iowa</td>
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<tr>
<td>Jinhee Kim</td>
<td>Seoul, South Korea</td>
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<tr>
<td>Katie Lynn Mason</td>
<td>Des Moines</td>
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<tr>
<td>Justin Reid Noon</td>
<td>Elk Horn</td>
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<tr>
<td>Alyssa Ann Ober</td>
<td>Story City</td>
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<td>Jamie Lynn Rehlander</td>
<td>Ames</td>
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<tr>
<td>Susan Elizabeth Rowan</td>
<td>Des Moines</td>
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<tr>
<td>John Patrick Urick</td>
<td>Saint Louis Park, Minn.</td>
<td>Iowa</td>
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<tr>
<td>Bob Ping Wong</td>
<td>Des Moines</td>
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<tr>
<td>Ruixue Wu</td>
<td>Beijing, China</td>
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<td>Jun Xie</td>
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<tr>
<td>Yu Zhou</td>
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### Major in Finance

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Erica Ann Barbour</td>
<td>West Des Moines</td>
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<td>Micah Dirk Carter</td>
<td>Indianola</td>
<td>Iowa</td>
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<tr>
<td>Kimberly Ann Fedler</td>
<td>West Point</td>
<td>Iowa</td>
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<td>Ian Christopher Frazer</td>
<td>Mesa, Ariz.</td>
<td>Iowa</td>
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<tr>
<td>Michael Anthony Dominic Galloway</td>
<td>Davenport</td>
<td>Iowa</td>
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<tr>
<td>Teresa M. Halstead</td>
<td>Ames</td>
<td>Iowa</td>
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<tr>
<td>Michael J. Kromminga</td>
<td>Keystone</td>
<td>Iowa</td>
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<tr>
<td>Erick West Krone</td>
<td>Sioux City</td>
<td>Iowa</td>
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<tr>
<td>Jason Kian-Wing Lian</td>
<td>Kuala Lumpur, Malaysia</td>
<td>Malaysia</td>
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<tr>
<td>Ryan J. McCarty</td>
<td>Guthrie Center</td>
<td>Iowa</td>
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<td>Kofi Eduful Odoom</td>
<td>Ankeny</td>
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<td>Manisone Debbie Phondeth</td>
<td>Des Moines</td>
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<tr>
<td>Michelle Lee Thomas</td>
<td>Hubbard</td>
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<tr>
<td>Lucas Neil Von Glen</td>
<td>Harlan</td>
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<tr>
<td>Britton Gregory Wall</td>
<td>Sioux City</td>
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### Major in Logistics and Supply Chain Management

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Ryan Michael Frederiksen</td>
<td>Pocahontas</td>
<td>Iowa</td>
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<tr>
<td>Jonathon C. Hentges</td>
<td>Des Moines</td>
<td>Iowa</td>
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<td>Clint Alan Miller</td>
<td>Hubbard</td>
<td>Iowa</td>
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<tr>
<td>Trevor A. Rogers</td>
<td>Burnsville, Minn.</td>
<td>Iowa</td>
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<tr>
<td>Bradley William Taylor</td>
<td>Bartlett, Ill.</td>
<td>Iowa</td>
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### Major in Management

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Merima Catic</td>
<td>Urbandale</td>
<td>Iowa</td>
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<tr>
<td>Michael Ryan Decker</td>
<td>Muscatine</td>
<td>Iowa</td>
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<tr>
<td>Adam David Fraser</td>
<td>Huxley</td>
<td>Iowa</td>
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<tr>
<td>Haris Hadzic</td>
<td>West Des Moines</td>
<td>Iowa</td>
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<tr>
<td>Henry G. Kelly</td>
<td>Geneva, Ill.</td>
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<tr>
<td>Brian Edward Koloski</td>
<td>Eden Prairie, Minn.</td>
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<td>Allison Sue Peters</td>
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<td>Jason Paul Rasmus</td>
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<td>Komarr Daronn Riley</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
**Major in Management Information Systems**

<table>
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<tr>
<td>Abdulaziz Alsaffar</td>
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<td>Joaquin Alvarez</td>
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<td>Charles Michael Bullis</td>
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<tr>
<td>Somwong Kitthikoune</td>
<td>Des Moines</td>
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<tr>
<td>Kyle Douglas Mechler</td>
<td>Spencer</td>
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* Levi Nichols  
  Ames  
  Casey James Smith  
  Kearney, Neb.  
  Nicholas Michael Stanbrough  
  Grimes  
  Robert Louis Timms  
  Ames

**Major in Marketing**

<table>
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<tr>
<th>Student Name</th>
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<tr>
<td>Kolton D. Boyer</td>
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<tr>
<td>Maggie Catherine Collins</td>
<td>New Hampton</td>
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<td>Stephen Nathaniel Hansen</td>
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<td>Maggie Ann Hegeman</td>
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<td>Lucas Lawrence Houghton</td>
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<tr>
<td>* Joshua Frank Jenkins</td>
<td>Melcher</td>
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Janelle Mary Jorgensen  
Ames  
Curtis Leon Krogmeier  
Dubuque  
Rachel Grace Lorenzen  
Clinton  
Matthew Ames Moser  
West Union  
Travis Paul Pettibone  
Marion  
Jackie K. Stafne  
Ankeny  
Alyssa Marie Thiel  
Ankeny

**Major in Operations and Supply Chain Management**

<table>
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<tr>
<td>Derick Allen Christopher</td>
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**Multiple Curricula and Majors**

<table>
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<tr>
<td>Brandon Lee Achen</td>
<td>Wayland</td>
<td>Operations and Supply Chain Management and Logistics and Supply Chain Management</td>
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<tr>
<td>John Robert Anderson</td>
<td>Ames</td>
<td>Management and Marketing</td>
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<tr>
<td>Michael Richard Distad</td>
<td>Saint Paul, Minn.</td>
<td>Marketing and Liberal Arts and Sciences: Major in Spanish</td>
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<tr>
<td>Vanessa Lin Easton</td>
<td>Leon</td>
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<tr>
<td>Mallory Christine King</td>
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<td>Finance and Management</td>
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* Song Jing Mo  
  Ames  
  Finance and Management |

Krystal Lynn Obbink  
Armstrong  
Management and International Business  
Operations and Supply Chain Management and Management Information Systems

** Mindy Kay Rife  
  Mondamin  
  Finance and Accounting |

Ramah Venessa Pehde  
Houston, Tex.  
Management Information Systems and Accounting

Matthew Scott Taylor  
Estherville  
Management Information Systems and Accounting

* Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
† Honors Program
CANDIDATES FOR DEGREES
FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

*† Christine Virginia Fruehling  Onalaska, Wis.  Clayton C. Gish  Menasha, Wis.

BACHELOR OF ARTS

Curriculum in Art and Design

Kevin Craig Arrowood  Ames  Stewart Jason McCoy  Cedar Rapids
Kyle Hartley Hildreth  Tulsa, Okla.  Andrea Caitlin Simatic  Chanhassen, Minn.
Rachel Marie Lange  Ames  Anna M. Weaver  Denver, Pa.

Multiple Curricula and Majors

Chelsea Ryan Barger  Adel  Franklin Osborn Nelson  Saint Paul, Minn.
Art and Design and Liberal Arts and
Sciences: Major in Advertising
Jeffrey Ryan Mounts  Ottawa, Ill.
Art and Design and Liberal Arts and
Sciences: Major in Advertising

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

Gretchen Carre Anderson  Manchester  Leah Joan Hartlep  Cedar Rapids
Amy Cecelia Bielicke  Iowa City  Clint Thomas Walter  Urbandale

Curriculum in Integrated Studio Arts

Nathan Sean Aldrich  Sioux Falls, S. Dak.  Jared Scott Porter  Waukee
Susan Marie Greer  Dublin, Ohio  Justine Anne Sands  Marshall Harbour, Bahamas
Trevor Christian Merrick  Albia  Racheal Alynn Zatovich  Marshalltown

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Curriculum in Interior Design

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>State</th>
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<tr>
<td>Sheena Ferry Idio</td>
<td>Eagle Grove</td>
<td>Iowa</td>
</tr>
<tr>
<td>Maria Lynn Ousky</td>
<td>Edina, Minn.</td>
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<tr>
<td>Leslie Anne Preminger</td>
<td>Des Moines</td>
<td>Iowa</td>
</tr>
<tr>
<td>Cianne Blythe Suhr</td>
<td>Omaha, Neb.</td>
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Multiple Curricula and Majors

<table>
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<tbody>
<tr>
<td>Nicholas Michael Farris</td>
<td>Davenport</td>
</tr>
<tr>
<td>Integrated Studio Arts and Liberal Arts and Sciences: Major in Advertising</td>
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Bachelor of Landscape Architecture

Curriculum in Landscape Architecture

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<tr>
<td>Trent Allen Derby</td>
<td>Newton</td>
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<tr>
<td>Amy Lynn Krause</td>
<td>Sycamore, Ill.</td>
<td>Illinois</td>
</tr>
<tr>
<td>Lauren Elizabeth Weyhrich</td>
<td>Glenview, Ill.</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

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Ryan M. Brosz</td>
<td>Rock Falls</td>
<td></td>
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<tr>
<td>Nabilah Mohd Rosli</td>
<td>Kuala Lumpur, Malaysia</td>
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### Curriculum in Chemical Engineering

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<tr>
<td>Rachel Chienyenwa Iheanacho</td>
<td>Baker</td>
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<tr>
<td>Farah Fazarina Mohamad</td>
<td>Tanah Merah, Malaysia</td>
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<tr>
<td>**† Dylan Patrick Murray</td>
<td>Davenport</td>
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<tr>
<td>David William Post</td>
<td>Minnetonka, Minn.</td>
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### Curriculum in Civil Engineering

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<tr>
<td>Cale Joseph Bergstrom</td>
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<tr>
<td>Claribel Rincon Orellana</td>
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<tr>
<td>Charles Sinnah-Yovonie</td>
<td>Des Moines</td>
<td></td>
</tr>
<tr>
<td>Sheng Tang</td>
<td>Chengdu, China</td>
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### Curriculum in Computer Engineering

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<tr>
<td>Bader Humod Al-Sabah</td>
<td>Hawaii, Kuwait</td>
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<tr>
<td>Jared S. Ortner</td>
<td>Cedar Rapids</td>
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<tr>
<td>Ehren Karl Van Auken</td>
<td>Marion</td>
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### Curriculum in Construction Engineering

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<tr>
<td>Adam Franklin Brainerd</td>
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<tr>
<td>Dustyn J. Curran</td>
<td>Lincoln, Neb.</td>
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<tr>
<td>Adam Glen Drake</td>
<td>Red Oak</td>
<td>Marangu, Tanzania</td>
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<tr>
<td>Zachary Luke Finch</td>
<td>Centerville</td>
<td>Cedar Falls</td>
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<tr>
<td>Troy David Greve</td>
<td>Bryant</td>
<td>Papillion, Neb.</td>
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### Curriculum in Electrical Engineering

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<tr>
<td>Minh Anh Nguyen</td>
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<td></td>
</tr>
<tr>
<td>Daniel Alan Stewart</td>
<td>Johnston</td>
<td></td>
</tr>
<tr>
<td>** Jon R. Watson</td>
<td>Lake View</td>
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### Curriculum in Industrial Engineering

<table>
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<tr>
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<tr>
<td>Dhiresh Bhatia</td>
<td>Manama, Kingdom of Bahrain</td>
<td>Chicago, Ill.</td>
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<tr>
<td>Jason Matthew Duncan</td>
<td>Millport, Ala.</td>
<td>Soldier</td>
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<tr>
<td>** Kyoung Hwan Minn</td>
<td></td>
<td>Ames</td>
</tr>
<tr>
<td>Kimberly Sue Stieler</td>
<td></td>
<td></td>
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<tr>
<td>Thomas Winoto</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
### Curriculum in Materials Engineering

| * Andrew James Heidloff | George | * Scott Bradley King | Rochester, Minn. |

### Curriculum in Mechanical Engineering

<table>
<thead>
<tr>
<th>Michael Adam Balow</th>
<th>Wheaton, Ill.</th>
<th>** Raathai A. Molian</th>
<th>Ames</th>
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<tbody>
<tr>
<td>Ryan Donald Benson</td>
<td>Reinbeck</td>
<td>Michael John Monroe</td>
<td>De Witt</td>
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<tr>
<td>Arthur James Boggess</td>
<td>Estherville</td>
<td>Ryan Anthony Mumm</td>
<td>Palo</td>
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<tr>
<td>Clifford Ryan Cragg</td>
<td>Crystal Lake, Ill.</td>
<td>Cameron Jacob Neff</td>
<td>Urbana</td>
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<td>Lance Harrison De Boer</td>
<td>Hawarden</td>
<td>Jasper Anders Hart Raven</td>
<td>Saint Paul, Minn.</td>
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<tr>
<td>Daniel Paul Francis</td>
<td>Carroll</td>
<td>David William Rusk</td>
<td>Dubuque</td>
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<tr>
<td>Bryan Anthony Geddes</td>
<td>Kansas City, Mo.</td>
<td>Deepak Sanan</td>
<td>Kanpur, India</td>
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<td>Andrew Stephen Gionnette</td>
<td>Champaign, Ill.</td>
<td>Jeremy Lynn Schwanz</td>
<td>Boone</td>
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<td>Brian Patrick Graves</td>
<td>Urbandale</td>
<td>Syahrul Azim Sirol Aflah</td>
<td>Gombak, Malaysia</td>
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<tr>
<td>Benjamin Charles Koch</td>
<td>Marshalltown</td>
<td>* Erick Setiawan Tan</td>
<td>Jakarta, Indonesia</td>
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<tr>
<td>Christopher Evan Legore</td>
<td>Mount Vernon</td>
<td>Benjamin J. Walter</td>
<td>Roseau, Minn.</td>
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<tr>
<td>* Muhammad Azizirrahim Mohd Yusoff</td>
<td>Beruas, Malaysia</td>
<td>* Bradley DeWitt Weed</td>
<td>Mahtomedi, Minn.</td>
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### Multiple Curricula and Majors

<table>
<thead>
<tr>
<th>** Brian J. Fick</th>
<th>Orange City</th>
<th>Peter Wai-Ming Wong</th>
<th>Des Moines</th>
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<tbody>
<tr>
<td>Mechanical Engineer and Liberal Arts and Sciences: Major in Physics</td>
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<td>Computer Engineer and Liberal Arts and Sciences: Major in Computer Science</td>
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<tr>
<td>Timothy Joel Hurst</td>
<td>Spencer</td>
<td></td>
<td></td>
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<tr>
<td>Mechanical Engineer and Liberal Arts and Sciences: Major in Spanish</td>
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# Candidates for Degrees from the College of Human Sciences

## Bachelor of Science

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
<th>City</th>
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<tr>
<td>Brittany April Bisaillon</td>
<td>Royal</td>
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<tr>
<td>Theresa Christine Bohdan</td>
<td>River Forest, Ill.</td>
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<tr>
<td>Elizabeth Kay Brooks</td>
<td>Manchester</td>
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<tr>
<td>Jennifer Marie Coz</td>
<td>Moreno Valley, Calif.</td>
<td>Moreno Valley, Calif.</td>
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<tr>
<td>Elizabeth Ann Edge</td>
<td>Newton</td>
<td>Newton</td>
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<tr>
<td>Kimberly Ann Grauf</td>
<td>Schaumburg, Ill.</td>
<td>Schaumburg, Ill.</td>
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<tr>
<td>Julie Jo Linville</td>
<td>New Liberty</td>
<td>New Liberty</td>
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<tr>
<td>Amber Lynn McStockard</td>
<td>Whitten</td>
<td>Whitten</td>
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<tr>
<td>Stephanie Alane Moon</td>
<td>Decorah</td>
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<tr>
<td>Elizabeth Linden Spain</td>
<td>Dubuque</td>
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### Curriculum in Child, Adult, and Family Services

<table>
<thead>
<tr>
<th>Name</th>
<th>Major</th>
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<tr>
<td>Margaret Anne Hammond Berhow-Goll</td>
<td>West Des Moines</td>
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<td>Lindsay N. Davis</td>
<td>West Des Moines</td>
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<tr>
<td>Angela Rosemarie Forcucci</td>
<td>Des Moines</td>
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<tr>
<td>Jennifer Ann Grim</td>
<td>Bloomfield</td>
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<tr>
<td>Rachel Nicole Hetue</td>
<td>Council Bluffs</td>
<td>Council Bluffs</td>
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<tr>
<td>Mallory J. Kent</td>
<td>Urbandale</td>
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<td>Jessica Lindsey Lewis</td>
<td>Norwalk</td>
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<td>Mandi Sandra Meserve</td>
<td>Adel</td>
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<td>Lisa Marie Orthmann</td>
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<td>Elizabeth Ann Raygor</td>
<td>Des Moines</td>
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<tr>
<td>Stephanie Ann Reinhold</td>
<td>Iowa City</td>
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<td>Jessica Mae Roth</td>
<td>Waukee</td>
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<tr>
<td>Christina Louise Salazar</td>
<td>West Des Moines</td>
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<tr>
<td>Megan Kathleen Seamans</td>
<td>Nashua</td>
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<tr>
<td>Tyler Dayton Slagle</td>
<td>Tama</td>
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<tr>
<td>Alesha Lea Weber</td>
<td>Hampton</td>
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<tr>
<td>Alicia Rae Wells</td>
<td>Nevada</td>
<td>Nevada</td>
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<tr>
<td>Sarah E. Williamson</td>
<td>West Des Moines</td>
<td>West Des Moines</td>
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### Curriculum in Dietetics

<table>
<thead>
<tr>
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<th>City</th>
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<tbody>
<tr>
<td>Lauren Ashley Blaue</td>
<td>Urbandale</td>
<td>Council Bluffs</td>
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<tr>
<td>Stephanie Lee Mayne</td>
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### Curriculum in Elementary Education

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<tr>
<td>Jessica Rose Foley</td>
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<td>Mary Elizabeth Green</td>
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<td>Mandy Lee Kemp</td>
<td>Ames</td>
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<tr>
<td>Emily Ann Zirkle</td>
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### Curriculum in Health and Human Performance

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<tr>
<td>Rachel Marie Bennett</td>
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<td>Allison</td>
<td>Wall Lake</td>
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<td>Rachel Rae Johnson</td>
<td>Cleveland, Ohio</td>
<td>State Center</td>
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<tr>
<td>Travis Eugene Mahler</td>
<td>Sac City</td>
<td>State Center</td>
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<tr>
<td>Breanna Jean McCubbin</td>
<td>Madrid</td>
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<tr>
<td>Shawn Michael Nuetzman</td>
<td>Wall Lake</td>
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<tr>
<td>Daniel Edward Park</td>
<td>State Center</td>
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
Curriculum in Hotel, Restaurant, and Institution Management

Kalen Rose Ensminger Mount Pleasant Kelley Jo Scheppler Ames

Curriculum in Kinesiology and Health

Amber Nicole Bailey Grinnell
Danielle Deone Barkema Cedar Falls
Kelsey Michelle Brinkman Rolfe
Nickoli Lynn Brummond New Hampton
Melissa Anne Dean Linn Grove
Dena Rose DeStigter Sioux City
Steven Kiewiet Dillavou Earlham
Chelsea Lee Goedken Farley
Ivy Jean Guthridge Moville
Jared Wade Hansen Clear Lake
Lindsey J. Huber McCook Lake, S. Dak.
Kelli Jo Huinker Garner
Timothy John Klunenberg Reinbeck
Jonathan Stephen Knedler Council Bluffs
Mallory McKenzie Kock Harlan
Jonathan Cruz Lara Ames
Megan Rachelle McCorkell Eden Prairie, Minn.

Brittany Michelle Moorman Conrad
Ciara Jo Nekola Chelsea
Quyen Thi Diem Nguyen Marion
Andrew Lowell Osborne Atlantic
Matty Lee Richardson Storm Lake
Heidi Marie Rivisto Prior Lake, Minn.
Jeremy Nicholas Schmitz Harlan
Bryan Walter David Scholar Mission Viejo, Calif.
Amber Christine Schulz Carroll
Ashley Rose Taylor Hudson
Jesse David Truax Sheffield
Ben Michael Waynar Fort Dodge
Matthew James Welk Ames
Whitney Elizabeth Wilson Indianola
Katie Anne Wolf Saint Louis Park, Minn.
Nathan L. Wolfe Fort Dodge

Multiple Curricula and Majors

Celina Solano Sioux City
Child, Adult, and Family Services and Liberal Arts and Sciences:
Major in Interdisciplinary Studies (Criminology and Criminal Justice)
# Candidates for Degrees from the College of Liberal Arts and Sciences

## Bachelor of Arts
**Curriculum in Liberal Arts and Sciences**

### Major in Advertising

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Kathleen Marie Bracken</td>
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<td>Whitney Marie Brewer</td>
<td>Eden Prairie, Minn.</td>
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<tr>
<td>Lauren Mischelle Denison</td>
<td>Johnston</td>
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<tr>
<td>Adelaide Marie Glab</td>
<td>Dubuque</td>
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<tr>
<td>Lindsay Joy Hirth</td>
<td>Kansas City, Mo.</td>
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<tr>
<td>Joseph Michael Hobbins</td>
<td>Council Bluffs</td>
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### Major in Biological/Premedical Illustration

<table>
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<tr>
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<tbody>
<tr>
<td>Sang Eun Cha</td>
<td>San Diego, Calif.</td>
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### Major in Chemistry

<table>
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<tbody>
<tr>
<td>Dustin Dennis Golden</td>
<td>Jewell</td>
</tr>
<tr>
<td>Eric D. Testroet</td>
<td>Ames</td>
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### Major in Communication Studies

<table>
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<tr>
<td>Audra Marie Cowles</td>
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<tr>
<td>Melisa Sue Hart</td>
<td>Zearing</td>
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<tr>
<td>Jessica A. Klein</td>
<td>Lena, Ill.</td>
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<tr>
<td>Trent Wayne Schacht</td>
<td>West Des Moines</td>
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### Major in English

<table>
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<tr>
<td>Esther Joy Bender</td>
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<tr>
<td>Joseph Bradley Davidson</td>
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<tr>
<td>Stephanie Denise Dingbaum</td>
<td>Annandale, Va.</td>
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<tr>
<td>D. Victor Elder</td>
<td>Dubuque</td>
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<tr>
<td>Emily Marie Hartkemeyer</td>
<td>Keystone</td>
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<tr>
<td>Jennifer Michelle Howard</td>
<td>Beecher, Ill.</td>
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<tr>
<td>Allison Marie Meier</td>
<td>Des Moines</td>
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<tr>
<td>Alen Mulalic</td>
<td>Rosenheim, Germany</td>
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<tr>
<td>Justin Riley Nielsen</td>
<td>Bloomfield, Neb.</td>
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### Major in German

<table>
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<tr>
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<tbody>
<tr>
<td>*** Emily Jo Lowry</td>
<td>Ames</td>
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</table>

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

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Rahshon Jermaine Clark</td>
<td>Queens, New York</td>
</tr>
<tr>
<td>April Irene Dunn</td>
<td>Aurelia</td>
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<tr>
<td>Jeffrey Jon Hensyel</td>
<td>Des Moines</td>
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<tr>
<td>Anthony John Laubenthal</td>
<td>West Bend</td>
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<tr>
<td>Wesley Richard Peterson</td>
<td>Charter Oak</td>
</tr>
<tr>
<td>Jennifer Leah Schultz</td>
<td>Iowa City</td>
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---

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

<table>
<thead>
<tr>
<th>Name</th>
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<th>Graduation Honors</th>
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<tr>
<td>Clayton Cummings Callison</td>
<td>Winterset</td>
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<tr>
<td>Matthew James Flemming</td>
<td>Addison, Ill.</td>
<td>**</td>
</tr>
<tr>
<td>Michaeleine Ann Fox</td>
<td>Sioux City</td>
<td>***</td>
</tr>
<tr>
<td>Ashley Caron Harding</td>
<td>Ames</td>
<td></td>
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<tr>
<td>Alison Gwen Hart</td>
<td>Cedar Rapids</td>
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<tr>
<td>Jodi LeAnn Jurgemeyer</td>
<td>Rockwell</td>
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<tr>
<td>Kyle Mark Knicley</td>
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<tr>
<td>Jillian C. Knuerr</td>
<td>Rolling Meadows, Ill.</td>
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<tr>
<td>Lindsay Mee-Ran Knutson</td>
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<tr>
<td>** Ashely Brooke Nodgaard</td>
<td>Atlantic</td>
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<tr>
<td>* Renée Marie Oehlerking</td>
<td>West Des Moines</td>
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<tr>
<td>Nicholas Holland Paulson</td>
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<td>* Ryan Vincent Roupe</td>
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<td>Tyler Joseph Rushing</td>
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<tr>
<td>Noah Robert Schmelzer</td>
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<tr>
<td>Ashley Nicole Sornsen</td>
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<tr>
<td>Anna M. Weaver</td>
<td>Denver, Pa.</td>
<td></td>
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<tr>
<td>John William Wilson</td>
<td>Johnston</td>
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### Major in Music

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Quyen Thi Diem Nguyen</td>
<td>Marion</td>
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### Major in Performing Arts

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>David Neal Burrack</td>
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### Major in Philosophy

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Graduation Honors</th>
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<tbody>
<tr>
<td>Daniel Clifford Brown</td>
<td>Madison, Wis.</td>
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</tr>
<tr>
<td>Fredrick Keith Lucas</td>
<td>Sigourney</td>
<td></td>
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<tr>
<td>Jana Kimberly Stedman</td>
<td>Boone</td>
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### Major in Political Science

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Scott Allen Andersen</td>
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</tr>
<tr>
<td>Krista Kay Cousins</td>
<td>Bettendorf</td>
<td></td>
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<tr>
<td>Ryan Richard Hanssen</td>
<td>Grinnell</td>
<td></td>
</tr>
<tr>
<td>Jason Neil Lichty</td>
<td>Webster City</td>
<td></td>
</tr>
<tr>
<td>Alan Thomas Yeats</td>
<td>Mount Vernon</td>
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### Major in Psychology

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Jessica Castelan-Vargas</td>
<td>Sioux Center</td>
<td>**</td>
</tr>
<tr>
<td>Chad Alan Killam</td>
<td>Knoxville</td>
<td></td>
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<tr>
<td>Natalia Marie Koch</td>
<td>Fort Dodge</td>
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<tr>
<td>Steven Alan Mahan</td>
<td>Boone</td>
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<tr>
<td>Somchit Som Mongtin</td>
<td>Des Moines</td>
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<tr>
<td>Jacqueline Cherie Skinner</td>
<td>Newton</td>
<td></td>
</tr>
<tr>
<td>Brian Casey Van Heck</td>
<td>Wilmette, Ill.</td>
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### Major in Religious Studies

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Michael Chase Slininger</td>
<td>Clearfield</td>
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### Major in Spanish

<table>
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<th>Name</th>
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<tbody>
<tr>
<td>Craig Robert Klein</td>
<td>Ames</td>
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</table>
### Major in Speech Communication

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Tyler James Swanson</td>
<td>Clinton</td>
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### Multiple Curricula and Majors

<table>
<thead>
<tr>
<th>Name</th>
<th>City</th>
<th>Curriculum</th>
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</thead>
<tbody>
<tr>
<td>Natalie Lynn Lancial</td>
<td>Iowa City</td>
<td>Journalism and Mass Communication and Spanish</td>
</tr>
<tr>
<td>Katherine Marie Lydon</td>
<td>Madrid</td>
<td>Journalism and Mass Communication and Environmental Studies</td>
</tr>
<tr>
<td>Marissa Lynn Madrigal</td>
<td>Denison</td>
<td>Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology</td>
</tr>
<tr>
<td>Sarah-Jane Rachel Mason</td>
<td>Savage, Minn.</td>
<td>Journalism and Mass Communication and Political Science</td>
</tr>
<tr>
<td>Emi Oyama</td>
<td>Shiogama, Japan</td>
<td>Political Science and International Studies</td>
</tr>
<tr>
<td>Amanda Marie Rosenbaum</td>
<td>Elk Point, S. Dak.</td>
<td>Spanish and Child, Adult, and Family Services</td>
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<table>
<thead>
<tr>
<th>Name</th>
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<th>Curriculum</th>
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<tbody>
<tr>
<td>Curtis R. Russell</td>
<td>Mount Vernon</td>
<td>Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology</td>
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<tr>
<td>Patrick Scott Shaver</td>
<td>Warrenville, Ill.</td>
<td>Journalism and Mass Communication and Sociology</td>
</tr>
<tr>
<td>Danielle Lynn Uhlenkamp</td>
<td>Fort Dodge</td>
<td>Journalism and Mass Communication and Environmental Studies</td>
</tr>
<tr>
<td>Kristen L. Wenke</td>
<td>Bushkill, Pa.</td>
<td>Sociology, Psychology, and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
</tr>
<tr>
<td>Amy Jo Wrenn</td>
<td>Sioux City</td>
<td>Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology</td>
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### Bachelor of Liberal Studies

### Curriculum in Liberal Studies

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Sang-Jin An</td>
<td>Seoul, South Korea</td>
</tr>
<tr>
<td>Nicholas Carl Anderson</td>
<td>Whiting</td>
</tr>
<tr>
<td>Jameson Patrick Bamrick</td>
<td>Lawton</td>
</tr>
<tr>
<td>Cedric Charles Bertin</td>
<td>Bruz, France</td>
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<tr>
<td>Todd J. Blythe</td>
<td>Indianola</td>
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<tr>
<td>Joseph Anthony Cermak</td>
<td>Chicago, Ill.</td>
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<tr>
<td>Nicholas P. Condon</td>
<td>Ankeny</td>
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<tr>
<td>Christopher Michael Davis</td>
<td>Altoona</td>
</tr>
<tr>
<td>Amanda Michelle Dillavou</td>
<td>Ames</td>
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<tr>
<td>Matthew T. Falat</td>
<td>Cedar Rapids</td>
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<tr>
<td>Alicia Lenae Fernatt</td>
<td>Urbandale</td>
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<tr>
<td>Anthony Patrick Galloro</td>
<td>Cedar Rapids</td>
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<td>Matthew Alan Garvey</td>
<td>Fort Dodge</td>
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<tr>
<td>Melissa A. Goodson</td>
<td>Van Meter</td>
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<tr>
<td>Matthew Phillip Hartd</td>
<td>Swea City</td>
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<tr>
<td>Sean Marten Huston</td>
<td>Martensdale</td>
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<tr>
<td>Jill Ann Kennedy</td>
<td>Cedar Rapids</td>
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<tr>
<td>Adam Dean Lippert</td>
<td>Des Moines</td>
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<tr>
<td>Rebecca Lynn Lunt</td>
<td>Bellvue, Colo.</td>
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</table>
* Jamie Lynn Maser           | Lincoln, Neb.  |
| Matthew Kerry McGrath       | Council Bluffs |
| Ryan E. McKim              | Creston       |
| Daniel Milton Norris        | Ames          |
| Nimit H. Pathak             | Hoffman Estates, Ill. |
| Jane Ellen Rogers           | Des Moines    |
| Alex J. Schaapveld         | Muscatine     |
* Alexandria Lynne Schminke  | Fort Dodge    |
| Stefan A. Shirley           | Ames          |
| Kelly Lynn Simmons          | Ames          |
| Andrew Thomas Tierney       | Naperville, Ill. |
| Andrew James VanCannon      | Ames          |
| Elizabeth Jean Wagner       | Des Moines    |
| Andrew David Werning        | Des Moines    |
| Amy Marie Winkel            | Sioux City    |
| David Jay Zordell           | Verdi, Nev.   |

* Cum Laude  
** Magna Cum Laude  
*** Summa Cum Laude  
† Honors Program
Bachelor of Science
Curriculum in Liberal Arts and Sciences

Major in Biochemistry

Murwan Ibrahim Abdelbasir  
Ames

Major in Biology

Heather Marie Davidson  
Urbandale
Sheena Nicole Gardner  
Des Moines
** Jennifer Rose Herrmann  
Johnston
Stephanie Grace Jost  
Davenport
**† Jana Kimberly Stedman  
Boone
Simona Stipinaite  
Lisle, Ill.
Rachel Elizabeth White  
Edina, Minn.

Major in Computer Science

Usman Ul Haq  
Ames

Major in Economics

Pardeep Kaur  
Buena-Park, Calif.

Major in English

Cal Douglas Rebhuhn  
Storm Lake

Major in History

Adam John Christoffel  
Sioux City
Christopher Matthew Marchman  
Buford, Ga.
Edward James Rosendahl  
Estherville
Mark Andrew Rosmann  
Harlan
Thomas Vernon Steward  
Storm Lake

Major in Journalism and Mass Communication

Ryan Everett Buck  
Des Moines
Louis H. Kaplan  
Lansdale, Pa.
Kady Leigh Keller  
Waukee
** Patricia Michelle O’Brien-Edwards  
Des Moines
Nicole Renee Zagar  
Perry

Major in Mathematics

** Noel Andrew Peggs  
Dallas Center
* Megan Elizabeth Ryan  
Dallas Center
Emily Marie Stout  
Wellman
James Carl Yoder  
Cedar Rapids

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

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Kevin Duleep Marasinghe</td>
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### Major in Psychology

<table>
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<tbody>
<tr>
<td>Christopher James Anderson</td>
<td>Gowrie</td>
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<tr>
<td>Myra Rebecca Bassman</td>
<td>Des Moines</td>
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<td>Michael James Benefiel</td>
<td>Colfax</td>
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<tr>
<td>Sheila Leah Betts</td>
<td>Mechanicsville</td>
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<tr>
<td>Lauren Ashley Blaue</td>
<td>Urbandale</td>
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<tr>
<td>Mathew Gregory Brown</td>
<td>Minnetonka, Minn.</td>
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<tr>
<td>Rachel E. Brown</td>
<td>Swan</td>
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<td>Matthew Phillip Hardt</td>
<td>Swea City</td>
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<td>Marjorie Ann Kirby</td>
<td>Des Moines</td>
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<td>Jessica Nichole Kroupa</td>
<td>Hartley</td>
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<td>* Lauren Ashley Blaue</td>
<td>Urbandale</td>
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<td>* Mathew Gregory Brown</td>
<td>Minnetonka, Minn.</td>
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<tr>
<td>* Rachel E. Brown</td>
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<td>* Matthew Phillip Hardt</td>
<td>Swea City</td>
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<td>* Marjorie Ann Kirby</td>
<td>Des Moines</td>
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<td>* Jessica Nichole Kroupa</td>
<td>Hartley</td>
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<td>** Dina Marie Mumm</td>
<td>Camanche</td>
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<td>** Steven Michael O’Hollearn</td>
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<td>** Daniele Antonio Profilo</td>
<td>Nassau, Bahamas</td>
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<td>** Jeffrey Daniel Rink</td>
<td>Cedar Rapids</td>
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<td>** Allegra Lynn Selzer</td>
<td>Grimes</td>
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<td>** Chad Brett Shonkwiler</td>
<td>Ames</td>
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<tr>
<td>** Daniel Jeffrey Utterback</td>
<td>Ottumwa</td>
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<tr>
<td>** Jeanann Vierling</td>
<td>Polk City</td>
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<tr>
<td>** Beau E. Waddell</td>
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### Major in Sociology

<table>
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<tbody>
<tr>
<td>Erica Lynn Braymen</td>
<td>Baldwin, Wis.</td>
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<tr>
<td>Scott Alan Klingbeil</td>
<td>Marcus</td>
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<tr>
<td>* Jonna Lee Lichty</td>
<td>Mason City</td>
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<td>Jamie Lynn McCartney</td>
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<td>Brooke Ashley Nortman</td>
<td>West Liberty</td>
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<td>Benjamin B. Shin</td>
<td>Naperville, Ill.</td>
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### Major in Statistics

<table>
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<tbody>
<tr>
<td>Hideki Kunizawa</td>
<td>Tokyo, Japan</td>
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<tr>
<td>Mingzhu Lin</td>
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### Major in Women’s Studies

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<tr>
<td>Megan Denise Shields</td>
<td>Lineville</td>
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### Multiple Curricula and Majors

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<tbody>
<tr>
<td>Andrew Frost Boekelman</td>
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<tr>
<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<tr>
<td>** Barbara Judith Brockway</td>
<td>Indianola</td>
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<tr>
<td>Sociology and Business: Major in Finance</td>
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<tr>
<td>* Hannah Megan Caproon</td>
<td>Woodstock, Ill.</td>
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<td>Journalism and Mass Communication and English</td>
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<td>Jared Dwayne Lewis</td>
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<td>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</td>
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<td>Brett Charles Welling</td>
<td>Sioux City</td>
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<tr>
<td>Biology and Psychology</td>
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</table>

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program
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 2008 Senior Class Council is comprised of students who are dedicated to recognizing seniors for their many achievements.

This past year's Senior Class Council planned a number of programs for seniors including Success Beyond a Degree, a professional development conference; both Fall and Spring Senior Weeks, where seniors enjoyed special tours and free food on campus; and the Senior Package, a gift set that included a senior shirt and a commemorative Iowa State glass. The events that SCC plans and co-sponsors are intended to be both beneficial and enjoyable for seniors.

Each year, the graduating class selects a project to give back to the University. The graduating class of 2008 elected to support the stunning gateway project for Iowa State University. The class gift will support the preliminary design of the signage and identification project. Signs will be placed along the University Boulevard and Lincoln Way roadways directing individuals to various destinations at Iowa State.

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.

2008 Senior Class Council

President: Jesse Truax
Vice-President: Abby Norton

Council Members:
Kristen Arneson
Alex Ayers
Brittany Benson
Lisa Braley
Laura Cooper
Chelsea DeSousa
Allyson Dierenfeld
Bethany Shriver
Steven Walter

Candidates for Commissions

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

United States Army

Henry G. Kelly

United States Marine Corps

Scott Allen Andersen
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. Compiled by the Office of the Registrar.

1877: Isaac R. Roberts, Master of Agriculture; Farm Superintendent at Iowa State University.
1879: J. L. Budd, Master of Horticulture; established ISU’s Department of Horticulture at Iowa State.
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.
1887: M. Stalker, Master of Science; first editor Aurora, the student newspaper; developed the curriculum in Veterinary Science.
1887: E. W. Stanton, Master of Science; received B.S. in 1872 from 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: Matte Locke Macomber, Master of Philosophy; received B.S. in 1872 from Iowa State in the first graduating class.
1897: James Wilson, Master of Agriculture; became U.S. Secretary of Agriculture; was the first of four Iowa State graduates to serve as U.S. Secretary of Agriculture.
1903: Robert B. Armstrong, Master of Philosophy.
1903: W.T. Hornaday, Master of Philosophy; world-famed naturalist and zoologist.
1903: J. C. Blair, Master of Agriculture.
1907: I. B. Schreckengast, Master of Philosophy.
1908: Virginia Corbett, Master of Philosophy; Dean of Women at Colorado State at Fort Collins.
1909: Seaman A. Knapp, Doctor of Science; appointed president of Iowa State College from 1883-1889.
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; received B.S. in 1872 from Iowa State in the first graduating class.
1916: Clarence Henry Eckles, Doctor of Science; head of the Department of Dairy Husbandry Farms at St. Paul, Minnesota.
1916: Herbert Osborn, Doctor of Science; helped organize the Iowa Academy of Science.
1916: Willis Whited, Doctor of Engineering; bridge engineer in Pennsylvania with the State Highway Department.
1920: W.C. Armstrong, Doctor of Engineering; in charge of the building of the Northwestern Depot in Chicago.
1920: Joseph Charles Arthur, Doctor of Science; received M.S. degree in 1877, which was the first advanced degree from Iowa State; first librarian at Iowa State.
1920: Alfred Atkinson, Doctor of Science; president of Montana State College of Agriculture.
1920: Carlton R. Ball, Doctor of Science; agronomist with the USDA and an authority on plant rust.
1920: Isabel Bevier, Doctor of Science; head of the Department of Home Economics at the University of Illinois.
1920: Dean Eugene Davenport, Doctor of Science; dean of the School of Agriculture at the University of Illinois.
1920: Arthur P. Davis, Doctor of Engineering; president of the American Society of Civil Engineers.
1920: A. S. Hitchcock, Doctor of Science; agronomist in the U.S. Department of Agriculture.
1920: L. S. Klinek, Doctor of Science; president of the University of British Columbia.
1920: John R. Mohler, Doctor of Science; chief of the Bureau of Animal Industry in the U.S. Department of Agriculture.
1920: Wilmon Newell, Doctor of Science; responsible for the eradication of the citrus canker in the U.S.
1920: R. A. Oakley, Doctor of Science; agronomist in charge of seed distribution in the U.S. Department of Agriculture.
1920: Thomas L. Smith, Doctor of Engineering; prominent mechanical engineer and inventor.
1921: Carrie Chapman Catt, Doctor of Laws; distinguished champion of the suffragist and peace movement and organizer of the League of Women Voters.
1922: Henry C. Wallace, Doctor of Laws; U.S. Secretary of Agriculture.
1925: George I. Christie, Doctor of Science; Under Secretary of Agriculture, U.S.D.A.
1926: Matt Luckieseh, Doctor of Science.
1928: George R. Chatburn, Doctor of Engineering; head of the Department of Civil Engineering at the University of Nebraska.
1928: W. K. Robbins, Doctor of Science; outstanding agricultural chemist.
1929: Clifford P. Fitch, Doctor of Science.
1929: Thomas H. MacDonald, Doctor of Science; first Secretary and Highway Engineer for the Iowa Highway Commission.
1934: Henry Agard Wallace, Doctor of Science; U.S. Secretary of Agriculture; was Vice President under Franklin D. Roosevelt.
1936: Raymond Mollyneaux Hughes, Doctor of Laws; president of Iowa State from 1927 to 1936; his Handbook for College Trustees was well regarded.
1940: Maria M. Roberts, Doctor of Laws; 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 Campbell, Doctor of Science; honorary degree conferred at the convocation celebrating 75 years of home economics at 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: Anson Marston, Doctor of Engineering; first dean of engineering at Iowa State.

1948: Louis Bevier Spinney, Doctor of Science; received B.S. in mechanical engineering in 1892 and B.S. in electrical engineering in 1893 from Iowa State; taught physics and electrical engineering in the Beardshear administration; later became head of the Department of Physics.

1948: Lyle Ford Watts, Doctor of Agriculture; chief of the U.S. Forest Service.


1949: William Wesley Waymack, Doctor of Science; editor of the Des Moines Register.

1951: Harry C. Murphy, Doctor of Engineering; president of the Burlington Railroad System.

1951: Edward Norris Wentworth, Doctor of Agriculture; faculty member at Iowa State College for a short time; distinguished historian of American livestock; author of American Sheep Trails.

1952: Roscoe C. Pollock, Doctor of Agriculture; received B.S. in 1913 and a professional Master of Agriculture on June 15, 1921 from Iowa State.

1952: Ruth Buxton Sayre, Doctor of Laws; outstanding woman in Iowa agriculture; helped found Associated Country Women of the World; was appointed by President Eisenhower to the Agricultural Advisory Committee in 1950; held posts in local, state and national Farm Bureau women's organizations.

1953: Ezra Taft Benson, Doctor of Agriculture; U.S. Secretary of Agriculture.

1953: Fred T. Whiting, Doctor of Engineering; employed by Westinghouse Company for many years; vice president for Westinghouse Company in charge of the Northwest district.

1954: Thomas Roy Truax, Doctor of Agriculture; 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.

1955: Bernard W. Hammer, Doctor of Agriculture; involved in Dairy Bacteriology at Iowa State.

1956: John Foster Dulles, Doctor of Laws; U.S. Secretary of State.

1957: Belle Lowe, Doctor of Science; Bureau of Home Economics, Washington, D.C., 1923-1924; food scientist and professor at Iowa State College from 1918 until retirement in 1956; recognized for research on preparation, quality, and preservation of poultry, meats, and fats; published Experimental Cookery, a textbook for many American universities.

1958: Henry Dale Bergman, Doctor of Science; dean of veterinary medicine at Iowa State.

1958: Ralph Kenneth Bliss, Doctor of Science; director of Agriculture and Home Economics Extension at Iowa State.


1958: Charles Edwin Friley, Doctor of Science; served as Acting President from 1935 to 1936; president from 1936-1953.

1958: Robert Earle Buchanan, Doctor of Science; 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: John Walter Coverdale, Doctor of Science; official in Rath Packing Company.

1958: Gertrude Mary Cox, Doctor of Science.

1958: Edward Bertram Evans, Doctor of Science; received D.V.M. in 1918 from Iowa State; attended Iowa State some summers in the 1930's; the centennial program carried the following, "Veterinarian, Agricultural Educator."

1958: Theodore V. Houser, Doctor of Science; president of Sears Roebuck and Co.

1958: Herbert Henry Kildee, Doctor of Science; head of the Department of Animal Husbandry and Dean of Agriculture at Iowa State.

1958: Allan Blair Kline, Doctor of Science; president of the American Farm Bureau.

1958: Beth Baily McLean, Doctor of Science; received M.S. in 1933 from Iowa State; the centennial program carried the following, "Home Economist, Business Woman."

1958: James Lewis Morrill, Doctor of Laws; president of the University of Minnesota.

1958: George Waddel Snedecor, Doctor of Science; organized the Statistical Laboratory; first head of the Department of Statistics.

1958: Fred R. White, Doctor of Science; chief engineer for the Highway Commission.

1965: James H. Hilton, Doctor of Science; professor of animal husbandry at Purdue from 1927-1945; president of Iowa State from 1953-1965.


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; 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.


1997: Simon Estes, Doctor of Humane Letters; studied in 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.

1997: Emery N. Castle, Doctor of Humane Letters; recognized for his outstanding achievements in agricultural economics helping to improve the quality of life in rural America.

1997: Edwin G. Krebs, Doctor of Science; co-winner of the 1992 Nobel Prize in Physiology or Medicine; recognized for outstanding contributions in biochemistry and medicine.

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; with the help of graduate student Clifford Berry, 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.

2000: Morris Soller, Doctor of Science; recognized for leading the way in the actual discovery of genetic science.

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 Yamamoto, Doctor of Science; internationally known research scientist and a leader in national science policy; known for his breakthrough work on steroid hormone receptors.

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; recognized specifically for his founding and ongoing support of the World Food Prize Foundation, which seeks to publicize the challenges of feeding the world’s growing population and recognize significant advances in our capacity to produce, improve and distribute food.

2002: Katharine Abraham, Doctor of Science; an ISU alumna, she 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.

2002: Dr. M. Daniel Lane, Doctor of Humane Letters; recognized for remarkable contributions to research in the fields of biochemistry and nutrition; his research on the development and functions of adipocytes has made him an international leader in understanding the development and mechanisms underlying obesity; his studies have resulted in the discovery of a novel appetite-controlling drug and other important insights into basic mechanisms of appetite control; he continues to perform ground-breaking work in insulin signaling and in mechanisms underlying diabetes.

2003: Ray Whisler, Doctor of Science; an internationally recognized leader in carbohydrate research for more than half a century; Iowa State previously honored him with the Distinguished Achievement Citation, the highest award granted to university alumni.

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; provided the technical and managerial leadership for some of the country’s most important technological achievements and is widely respected by the nation’s military and civilian leaders, often being summoned by them for advice on how best to achieve our country’s national security goals.

2006: Graham B. Spanier, Doctor of Humane Letters; 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.

2006: Monkombo Sambasivan Swaminathan, Doctor of Humane Letters; he was educated in India and received the Ph.D in plant genetics from Cambridge University; he has been 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; he is considered a world leader in the field of 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, and also served as president of the Council of State Governments, and chairman of the National Governors’ Association, Midwestern Governors’ Association, Republican Governors Association and Educational Commission of the States; he also served as a U.S. representative to the United Nations; he was named “Most Influential Iowan” at the turn of the century and holds honorary degrees from 17 colleges and universities.

2007: John Pappajohn, founder and president of Equity Dynamics, Inc., and Pappajohn Capital Resources, a venture capital firm. Served as a director on more than 40 public and private boards. Awards include: Horatio Aliger Award, Iowa Business Leader of the Year, Iowa Business Hall of Fame, Beta Gamma Sigma Medallion for Entrepreneurship, Meredith Wilson Heritage Award, Ellis Island Medal of Honor, and the first Iowan to receive the Woodrow Wilson Award for Corporate Citizenship. He and his wife launched the Pappajohn Centers for Entrepreneurship at several Iowa colleges. They received the Iowa Philanthropist of the Year Award in 1998, and were named Honorary Alumni of Iowa State University in 2005.

2008: Michael M. Crow, president, Arizona State University. Bachelor’s degree, 1972, political science and environmental studies, Iowa State; Ph.D., 1985, Maxwell School of Citizenship and Public Affairs, Syracuse 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 advisor 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.