

## *Dear Iowa State University Graduates and Guests:*

*Congratulations to all of the Fall 2014 graduates of Iowa State University!*

*We are very proud of you for the successful completion of your academic programs, and we are pleased to present you with a degree from Iowa State University recognizing this outstanding achievement. We also congratulate and thank everyone who has played a role in the graduates' successful journey through this university, and we are delighted that many of you are here for this ceremony to share in their recognition and celebration.*

*We have enjoyed having you as students at Iowa State, and we thank you for the many ways you have contributed to our university and community. I wish you the very best as you embark on the next part of your life, and I encourage you to continue your association with Iowa State as part of our worldwide alumni family.*



*Iowa State University is now in its 156th year as one of the nation's outstanding land-grant universities. We are very proud of the role this university has played in preparing the future leaders of our state, nation and world, and in meeting the needs of our society through excellence in education, research and outreach. As you graduate today, you are now a part of this great tradition, and we look forward to the many contributions you will make.*

*I hope you enjoy today's commencement ceremony. We wish you all continued success!*

*Sincerely,*

A handwritten signature in black ink that reads "Steven Leath". The signature is written in a cursive, flowing style.

*Steven Leath  
President of the University*

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*Candidates listed in this program reflect information received by the Office of the Registrar as of December 5, 2014.  
Listing in this program is not official proof of graduation.*

## THE OFFICIAL UNIVERSITY MACE

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

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

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

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

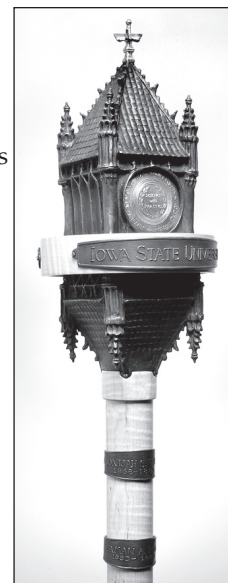
The mace's bronze headpiece is an interpretation of the campanile. It includes a silver presidential seal and reflects in a disc representative of the Fountain of the Four Seasons. The words "Iowa State University – Science With Practice" are inscribed on

the edge of the disc. Under the disc is a shortened version or reflection of the campanile headpiece.

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

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

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



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

## THE PRESIDENTIAL CHAIN OF OFFICE

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



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

Created by sculptor Jeanne Stevens-Sollman—the same

artist who created Iowa State's mace—the presidential chain of office complements the mace. The two

pieces were commissioned by University Museums and the ISU Alumni Association and are part of University Museums' Art on Campus collection.

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

Both the presidential chain of office and the mace are housed in the alumni center and are used at each commencement ceremony.

## ACADEMIC REGALIA

In May 2008, as part of its sesquicentennial celebration, Iowa State University debuted custom-designed doctorate regalia.

The special commencement doctorate gowns were created with emblems and colors to reflect Iowa State's tradition and to complement Iowa State's



hood. The fabric is cardinal red gabardine with black velvet panels and chevrons edged with gold cording. The Campanile, a beloved symbol and University tradition, adorns each of the two front velvet panels. An eight-sided black velvet tam with a gold silk tassel

completes the official regalia.

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

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

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

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

- Agriculture and Life Sciences – Maize
- Business – Nugget
- 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

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

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

Those who receive doctorates have demonstrated that they are truly experts in their fields whose

research has already contributed significantly to human knowledge.

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

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

## ACADEMIC TITLES

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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

## SPECIAL RECOGNITION, ADVANCED DEGREES

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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 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

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Candidates for undergraduate degrees may be recognized for graduating "With Distinction" and/or 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. Each academic institution sets its own standards and requirements for each honor.

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

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

Students graduating with special recognition will wear a cord and/or medallion and be noted in this program as follows:

- \* \* \* Summa Cum Laude - with highest distinction (cardinal and gold cord)
- \* \* Magna Cum Laude - with great distinction (gold cord)
- \* Cum Laude - with distinction (cardinal cord)
- † Honors Program (medallion)

## ADDITIONAL RECOGNITION, UNDERGRADUATE DEGREES

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The George Washington Carver Scholarship and Academy is designed for high achieving multicultural students and supports their growth and academic success through specialized curricula and programming. The George Washington Carver Outstanding Achievement Award is granted to those scholars who have demonstrated involvement in a combination of activities such as outstanding community service and successful internships and who are graduating with a 3.5 grade point average or better. These scholars are wearing green stoles.

Iowa State University's Cardinal Key Honor Society, formed in 1926, recognizes students who have achieved the cardinal virtues of leadership, service, scholarship, and character in the university community. Undergraduates must be of junior or senior standing, have earned a minimum cumulative grade point average of 3.0 and be in the top 15% of their academic class. Membership is limited to no more than ½ of 1% of the senior class, and 1/3 of 1% of the junior class. These students are wearing two red cords intertwined with a single gold cord.

# IOWA STATE UNIVERSITY TRADITIONS

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

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

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

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

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



# COMMENCEMENT PROGRAM

**1:30 p.m., Saturday, December 20, 2014, James H. Hilton Coliseum**

PRESIDENT STEVEN LEATH, B.S., M.S., PH.D., PRESIDING

## Processional

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

*The Star-Spangled Banner*..... Francis Scott Key  
arr. Michael Golemo  
Simon Estes, Vocalist

Conferring of the Honorary Degree, Doctor of Humane Letters  
Recipient Ambassador Stephen J. Rapp President Leath

Commencement Address Stephen J. Rapp  
Ambassador-at-Large for War Crimes Issues

## Interlude

*Climb Ev'ry Mountain*..... Rodgers and Hammerstein  
arr. Michael Golemo  
Simon Estes, Vocalist

*Cyclone Fantasia* ..... Michael Golemo

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

Conferring of the Doctor of Philosophy Degree President Leath  
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 Leath  
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 Leath  
Candidates for the Bachelor's Degree presented by Jonathan A. Wickert, Provost  
College of Agriculture and Life Sciences candidates recognized by Dean Wendy Wintersteen  
College of Business candidates recognized by Dean David P. Spalding  
College of Design candidates recognized by Dean Luis Rico-Gutierrez  
College of Engineering candidates recognized by Dean Sarah Rajala  
College of Human Sciences candidates recognized by Dean Pamela J. White  
College of Liberal Arts and Sciences candidates recognized by Dean Beate Schmittmann

The Class of 2014 and the Alumni Association Jeffery W. Johnson  
President  
Iowa State University Alumni Association

Remarks President Leath

*The Bells of Iowa State*..... James C. Wilson  
Refer to the back cover for the lyrics and story of *The Bells of Iowa State*. arr. Michael Golemo  
Sydney McCoy, Vocalist

## Recessional

*La Mousique* ..... Tylman Susato

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



# COMMENCEMENT CEREMONY

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## Platform Officials

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Steven Leath, President of the University  
Stephen J. Rapp, Ambassador-at-Large for War Crimes Issues, Honorary Degree Recipient and Commencement Speaker  
Jonathan A. Wickert, Senior Vice President and Provost  
Thomas L. Hill, Senior Vice President for Student Affairs  
Cathann A. Kress, Vice President for Extension and Outreach  
Sarah Nusser, Vice President for Research  
Michael R. Crum, Vice President for Economic Development and Business Engagement  
Dawn Bratsch-Prince, Associate Provost for Faculty  
Martino Harmon, Associate Vice President for Student Affairs  
Pamela Anthony, Dean of Students  
Simon Estes, F. Wendell Miller Distinguished Artist in Residence and Commencement Vocalist  
Jeffery W. Johnson, President and CEO of the Iowa State University Alumni Association  
Kevin Schalinske, Professor of Food Science and Human Nutrition and President of the Faculty Senate  
Laura J. Doering, University Registrar  
David K. Holger, Associate Provost for Academic Programs and Dean of the Graduate College  
Wendy Wintersteen, Endowed Dean of the College of Agriculture and Life Sciences; Professor of Entomology; and Director of the Iowa Agricultural and Home Economics Experiment Station  
Pamela J. White, Dean of the College of Human Sciences; and University Professor of Food Science and Human Nutrition  
Luis Rico-Gutierrez, Dean of the College of Design; and Professor of Architecture  
Beate Schmittmann, Dean of the College of Liberal Arts and Sciences; and Professor of Physics and Astronomy  
Sarah Rajala, Dean of the College of Engineering; and James and Katherine Melsa Professor of Engineering  
David P. Spalding, David and Ellen Raisbeck Endowed Dean of the College of Business; and Professor of Finance  
Lisa K. Nolan, Stephen G. Juelsaard Dean of the College of Veterinary Medicine; and Professor of Veterinary Microbiology and Preventive Medicine  
Joyce C. Garnett, Interim Dean of the Library

## Faculty Representatives and Presenting Professors

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Dean C. Adams, Ecology, Evolution and Organismal Biology  
Susan A. Arendt, Apparel, Events, and Hospitality Management  
Thomas A. Bobik, Biochemistry, Biophysics, and Molecular Biology  
Kaitlin M. Bratlie, Materials Science and Engineering  
Robert C. Brown, Mechanical Engineering ‡ ✧  
Eric R. Burrough, Veterinary Diagnostic and ✧✧ Production Animal Medicine  
Susan L. Carpenter, Animal Science  
Sumit Chaudhary, Electrical and Computer Engineering  
Ana-Paula Correia, School of Education  
Brent J. Danielson, Ecology, Evolution and Organismal Biology  
Jared A. Danielson, Veterinary Pathology  
Kevin L. de Laplante, Philosophy and Religious Studies  
Jack C. M. Dekkers, Animal Science ‡  
Larry H. Ebberts, School of Education ‡‡  
Kay S. Faaberg, Veterinary Microbiology and Preventive Medicine  
Shuizhang Fei, Horticulture  
Yuji Furukawa, Physics and Astronomy  
Joseph N. Gray, Mechanical Engineering  
Karl A. Gschneidner, Materials Science and Engineering ‡  
Yong Guan, Electrical and Computer Engineering  
Stephanie L. Hansen, Animal Science  
Cynthia L. Haynes, Horticulture  
Kirsten S. Hofmockel, Ecology, Evolution, and Organismal Biology  
Thomas Holme, Chemistry  
Brian K. Hornbuckle, Agronomy  
David C. Jiles, Electrical and Computer Engineering ‡ ✧  
Kristen M. Johansen, Biochemistry, Biophysics, and Molecular Biology  
Aileen F. Keating, Animal Science  
Darin M. Madson, Veterinary Diagnostic and Production Animal Medicine  
James D. McCalley, Electrical and Computer Engineering ✧✧  
Terrence R. Meyer, Mechanical Engineering  
Steven K. Mickelson, Agricultural and Biosystems Engineering ✧✧

‡Distinguished Professor  
‡‡University Professor

✧Endowed Chair  
✧✧Endowed Professorship

## Faculty Representatives and Presenting Professors (continued)

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Cathy L. Miller, Veterinary Microbiology and Preventive Medicine  
Sree Nilakanta, Supply Chain and Information Systems  
Marit Nilsen-Hamilton, Biochemistry, Biophysics, and Molecular Biology  
Thomas A. Peterson, Genetics, Development and Cell Biology ✧  
Jill D. Pruetz, Anthropology ✧✧  
Sridhar N. Ramaswami, Marketing  
Manju B. Reddy, Food Science and Human Nutrition  
Peter J. Reilly, Chemical and Biological Engineering DP  
Steve R. Rodermel, Genetics, Development and Cell Biology ‡  
Patrick S. Schnable, Agronomy ‡ ✧  
Ian C. Schneider, Chemical and Biological Engineering  
Jeanne M. Serb, Ecology, Evolution and Organismal Biology  
Brent H. Shanks, Chemical and Biological Engineering ✧✧  
Mack C. Shelley II, Statistics  
Tammy Slater, English  
Arun K. Somani, Electrical and Computer Engineering ‡ ✧✧

Sri Sritharan, Civil, Construction and Environmental Engineering ✧✧  
Soko S. Starobin, School of Education  
Patricia A. Thiel, Chemistry ✧  
Alex Traveset, Physics and Astronomy  
Judy M. Vance, Mechanical Engineering ✧✧  
Stephen B. Vardeman, Statistics ‡‡  
Richard D. Warren, School of Education  
Robert J. Weber, Electrical and Computer Engineering  
Jonathan F. Wendel, Ecology, Evolution and Organismal Biology ‡  
R. Christopher Williams, Civil, Construction, and Environmental Engineering ✧✧  
Theresa L. Windus, Chemistry  
Eliot H. Winer, Mechanical Engineering  
Arthur H. Winter, Chemistry  
Hongwei Xin, Agricultural and Biosystems Engineering ‡ ✧✧  
Cindy L. Yu, Statistics  
Edward W. Yu, Chemistry ✧✧  
Olga A. Zobotina, Biochemistry, Biophysics, and Molecular Biology  
Yan Zhao, Chemistry

## Faculty Marshals

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Larry H. Ebbers, University Professor of School of Education, College of Human Sciences (Chief Marshal)  
C. Lee Burras, Professor of Agronomy, College of Agriculture and Life Sciences  
John Cunnally, Associate Professor of Integrated Studio Arts, College of Design  
Frederick H. Dark, Associate Professor and Chair of Finance, College of Business  
Veronica J. Dark, Professor of Psychology, College of Liberal Arts and Sciences  
Tim R. Derrick, Professor of Kinesiology, College of Human Sciences  
Richard E. Horton, Emeritus Professor of Electrical and Computer Engineering, College of Engineering

Charles T. Jahren, W. A. Klinger Teaching Professor of Civil, Construction, and Environmental Engineering, College of Engineering  
Kenneth C. Kruempel, Emeritus Associate Professor of Electrical and Computer Engineering, College of Engineering  
Michael Martin, Associate Professor of Landscape Architecture, College of Design  
Robert S. Wallace, Associate Professor of Ecology, Evolution, and Organismal Biology, College of Liberal Arts and Sciences

‡Distinguished Professor  
‡‡University Professor

✧Endowed Chair  
✧✧Endowed Professorship

## **Student Marshals and Faculty Escorts**

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### **Presentation of College Banner**

Gang Xu, Graduate College  
Escorted by Yong Guan, Associate  
Professor of Electrical and Computer Engineering

Tori Elizabeth Sorensen, College of Engineering  
Escorted by James D. McCalley, Professor of  
Electrical and Computer Engineering

Katelyn Marie Carver, College of Agriculture and  
Life Sciences  
Escorted by Mary Wiedenhoef, Professor of  
Agronomy

Jessica Danielle Reyes, College of Human Sciences  
Escorted by Carol Jane Cordell, Academic  
Adviser in Kinesiology

Gregory James Hunt, College of Business  
Escorted by Mark L. Power, University  
Professor of Finance

Drew Delp, College of Liberal Arts and Sciences  
Escorted by Robert S. Wallace, Associate  
Professor of Ecology, Evolution and  
Organismal Biology

Adam Curtis Carlson, College of Design  
Escorted by Seda Yilmaz, Assistant Professor  
of Industrial Design

### **Announcer and Reader of Names**

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Hollis Monroe

Steven K. Mickelson ✧✧

### **Musicians**

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#### **Conductor**

Michael Golemo, Director of Bands

#### **Vocalist**

Simon Estes, F. Wendell Miller Distinguished Artist in  
Residence

#### **Vocalist**

Sydney McCoy \*

#### **Trombone**

Kara Bader  
Alex Giokas  
Haley Junkman  
Dennis Van Woert \*  
Shelbi Weeks

#### **Trumpet**

Damien Emilien  
Spencer Larson  
Sara McEntee  
Brandon Ritchie  
Taylor Vittitoe  
Lucas Yoachum

#### **Horn**

Kristen Ahlers  
Tess Fewell  
Rachel Humeston  
Sam Johnson

#### **Euphonium**

Alexa Berkenpas  
Travis Ford

#### **Tuba**

Corey Hatfield  
Jeremy Lockwood  
Allen Tierney

#### **Percussion**

Andrew Burton \*  
Ryan Pearson

\* *Graduating Student*

## COMMENCEMENT SPEAKER

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AND

## HONORARY DEGREE RECIPIENT, DOCTOR OF HUMANE LETTERS

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**Stephen J. Rapp**

**S**tephen J. Rapp is the United States ambassador-at-large for war crimes issues in the Office of Global Criminal Justice. Appointed by President Obama in September 2009, Ambassador Rapp advises the secretary of state and the under secretary of state for civilian security, democracy, and human rights and works to formulate U.S. policy on prevention, response, and accountability for mass atrocities.



Before this appointment, Mr. Rapp served as chief prosecutor of the Special Court for Sierra Leone, leading the prosecutions of former Liberian President Charles Taylor and others accused of violating international criminal law during the Sierra Leone Civil War. His office achieved the first convictions in history for sexual slavery and forced marriage as crimes against humanity, and for attacks on peacekeepers and the recruitment and use of child soldiers as violations of international humanitarian law.

In 2001, Mr. Rapp led the prosecution of the “media trial” following the 1994 Rwandan genocide. He brought to justice media executives who helped incite Rwanda’s extremist militia as well as broadcast the whereabouts of Tutsi sympathizers, which contributed to the slaughter of more than 800,000 civilians.

Prior to his roles as senior trial attorney and chief of prosecutions at the International Criminal Tribunal for Rwanda (ICTR), Mr. Rapp was appointed U.S. attorney in the Northern District of Iowa. During his tenure from 1993–2001, his office won historic convictions under the firearms provision of the Violence Against Women Act and the serious violent offender provision of the Violent Crime Control and Law Enforcement Act of 1994.

Mr. Rapp is a native of Cedar Falls. He earned a B.A. degree with honors in government and international relations from Harvard College. He also attended Columbia Law School and received his J.D. degree with honors from Drake University Law School.

In addition to his work as a renowned prosecutor, he has served as staff director of the U.S. Senate Judiciary Subcommittee on Juvenile Delinquency and was a member of the Iowa House of Representatives.

## UNDERGRADUATE COMMENCEMENT VOCALIST

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AND

## F. WENDELL MILLER DISTINGUISHED ARTIST IN RESIDENCE

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### Simon Estes

**S**imon Estes is an internationally acclaimed bass-baritone who has performed in the world's major opera houses and in special performances for U.S. presidents and international dignitaries such as Boris Yeltsin, Yassar Arafat, Yitzhak Rabin, Nelson Mandela, and Archbishop Desmond Tutu. Since 2000, he has been a faculty member at Iowa State University, serving as the F. Wendell



Miller Distinguished Artist-in-Residence with the Department of Music and Theatre, sharing his incredible talents and musical knowledge with students and at numerous activities and events.

Estes rose from humble beginnings in Centerville, Iowa, the son of a coal miner and grandson of a slave, to become one of the world's most accomplished opera singers, paving the way for other African Americans in the classical world. He transferred from Centerville Junior College to the University of Iowa in 1957 and was there until he was accepted in the Juilliard School of Music in 1963. Estes has honorary doctorates from numerous colleges and universities, including one from Iowa State University.

In 1965 Estes made his operatic debut in *Aida* at the Deutsche Opera in Berlin. Among his more than 100 lead operatic roles have been the title role in *The Flying Dutchman* at Bayreuth, being the first male African American to sing a major role on stage there; the role of Porgy in the Metropolitan Opera's first production of Gershwin's *Porgy and Bess*; and the role of Amonasro in *Aida* with Leontyne Price as Aida in her "farewell performance" at the Met.

Estes is also internationally known for his humanitarian efforts for children. He established the Simon Estes Educational Foundation, which has awarded more than three million dollars in merit-based college scholarships, and the Simon Estes International Foundation for Children, which provides support for children's health and educational needs. In 2006, he led a group of six Iowa State music faculty members to South Africa to bring music instruction to the students of the Estes school in the Cape Town area. He has performed numerous benefit concerts to help combat HIV/AIDS and eliminate malaria in Africa.

Estes has taught at the Juilliard School of Music, Harvard University, Boston University, and currently is a professor at Iowa State University and at Wartburg College. Among his many awards are the Distinguished Iowa Citizen Award, the Iowan Award, and the prestigious Alumni Award of Iowa State University.



# CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

## DOCTOR OF PHILOSOPHY

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Justin Russell Adams *Omaha, Neb.*  
B.S. University of Nebraska at Lincoln  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Dissertation: Novel cationic pentablock  
copolymers as a nanovaccine delivery  
platform

Dana Akilbekova *Astana, Kazakhstan*  
Bach. Al-Farabi Kazakh National University  
M.S. Rice University  
Department: Materials Science and  
Engineering  
Major: Materials Science and Engineering  
Dissertation: Instructive biomaterials  
for controlling cellular response and  
second harmonic generation imaging for  
quantitative characterization of collagen

‡‡ Stacey Marie Althaus *West Bend, Wis.*  
B.S. Winona State University  
Department: Chemistry  
Major: Physical Chemistry (Chemical  
Instrumentation)  
Dissertation: Application of solid state NMR  
for the study of surface bound species and  
fossil fuels

‡‡ David Victor Appy  
*Rancho Palos Verdes, Calif.*  
B.S. University of California-Los Angeles  
J.D. Pepperdine University at Malibu  
Department: Chemistry  
Major: Analytical Chemistry  
Dissertation: Nucleation and growth of  
metals on carbon surfaces

§ Seth Mensah Armah *Accra, Ghana*  
B.S. University of Ghana  
Department: Food Science and Human  
Nutrition  
Major: Nutritional Sciences (Human  
Nutrition)  
Dissertation: Models to assess food iron  
bioavailability

Kapil Arora *Ames, Iowa*  
B.Tech. Punjab Agricultural University  
M.S. Iowa State University  
Department: Agricultural and Biosystems  
Engineering  
Major: Agricultural Engineering (Soil and  
Water Resources)  
Dissertation: Pesticide retention by  
buffer strips receiving simulated runoff  
containing different sized sediment

Paulo Henrique E. Arruda *Ames, Iowa*  
Titulo. Ponticia Catholic University  
M.S. Iowa State University  
Department: Veterinary Pathology  
Major: Veterinary Pathology  
Dissertation: Clostridium difficile infection  
in neonatal piglets: Pathogenesis, risk  
factors, and prevention

Elizabeth Marie Bach *Richmond, Ind.*  
B.A. Cornell College  
M.S. Southern Illinois University-  
Carbondale  
Department: Ecology, Evolution and  
Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Soil aggregate distribution  
and turnover affects soil microbial  
ecology and ecosystem processes in three  
bioenergy systems

‡‡ Achala Bhuwarka *Mumbai, India*  
B.S. University of Mumbai  
M.S. University of Mumbai  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Design and synthesis of novel  
heterocycles for organic semiconducting  
materials

Jani Reddy Bolla *Hyderabad, India*  
B.S. Osmania University  
M.S. Pondicherry University  
Department: Chemistry  
Major: Chemistry  
Dissertation: Bacterial multidrug efflux  
pumps: Structure, function and  
regulation

Karl Monroe Broer *Iowa Falls, Iowa*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Majors: Mechanical Engineering and  
Biorenewable Resources and Technology  
Dissertation: Partitioning of fuel bound  
nitrogen in biomass gasification

Wesley Harris Brooks *Cedar Falls, Iowa*  
B.A. Grand View College  
M.Educ Iowa State University  
School: Education  
Major: Education (Educational Leadership)  
Dissertation: Path to power: A narrative  
inquiry of the life journeys of ELCA  
college presidents at selected institutions

‡‡ Alexander Theodore Buck  
*Cedar Rapids, Iowa*  
B.A. Iowa State University  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Promiscuous electrons:  
Probing organic switch-on paramagnetism  
and predicting photoheterolysis through  
conical intersection searches

Ömer Özgür Capraz *Tekirdag, Turkey*  
Lisans. Middle East Technical University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Dissertation: The role of stress in self-  
ordered porous anodic oxide formation  
and corrosion of aluminum

‡‡ Andrew Aaron Cascione  
*St. Clair Shores, Mich.*  
B.S. Michigan Technological University  
M.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Civil Engineering  
Materials)  
Dissertation: Development and evaluation  
of asphalt technologies utilizing  
renewable resources and innovative  
pavement systems

‡‡ Emily Taylor Casleton *Bellaire, Ohio*  
B.A. Washington and Jefferson College  
M.S. West Virginia University  
Department: Statistics  
Major: Statistics  
Dissertation: A local structure graph model  
for network analysis

§ Sunil Kishore Chakrapani *Chennai, India*  
B.E. Anna University  
M.S. Iowa State University  
Department: Aerospace Engineering  
Major: Engineering Mechanics  
Dissertation: Inherent acoustic nonlinearity  
in fiber reinforced composites

§ Jun Chen *Fuzhou, China*  
B.E. Zhejiang University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Dissertation: Failure diagnosis and  
prognosis in stochastic discrete-event and  
cyber-physical systems

Yuqing Chen *Zhangshu, China*  
B.S. East China Normal University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Dissertation: Reducing optical losses in  
organic photovoltaic devices using  
microlens arrays: Theoretical and  
experimental investigation

§ Yi-Hsiang Chou *Taipei, Taiwan*  
B.S. National Chung Hsing University  
M.S. National Taiwan University  
Department: Biochemistry, Biophysics and  
Molecular Biology  
Major: Plant Biology  
Dissertation: New insights into the  
functional organization of xyloglucan  
biosynthetic enzymes and their catalytic  
mechanism

Travis Edward Breuer Cox *Fairfield, Iowa*  
B.A. Central College  
M.A. California Institute of Integral Studies  
Major: Sustainable Agriculture  
Dissertation: Taking seriously the mindset  
of the farmer, the interiority of the beings  
on the farm, and a metaphysics that  
connects them

Matthew Charles Crispin *Boone, Iowa*  
B.S. Iowa State University  
Department: Genetics Development and  
Cell Biology  
Major: Genetics  
Dissertation: Metabolism and localization of  
polyketides in the genus *Hypericum*



§ Lawrence James Crowther  
*Upton-upon-Severn, England*  
M.Engr. Cardiff University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Dissertation: Analysis and development of  
transcranial magnetic stimulation devices

Weipan Cui *Ames, Iowa*  
B.E. China Jiliang University  
M.Engr Zhejiang University  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Oxygen, relative humidity,  
and interlayer related issues in organic  
electronics

‡‡ Chamila Chandima De Silva *Ames, Iowa*  
B.S. University of Peradeniya  
Department: Chemistry  
Major: Physical Chemistry  
Dissertation: Computational study of boron  
binding environments and their role in  
some biological systems

John Thomas Delaney *Harpers Ferry, Iowa*  
B.A. Luther College  
Department: Ecology, Evolution and  
Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Utilizing novel grasslands  
for the conservation and restoration  
of butterflies and other pollinators in  
agricultural ecosystems

James Edward Delgado *Crystal City, Tex.*  
B.S. Texas A&M International University  
Department: Agronomy  
Major: Toxicology  
Dissertation: Fumonisin B1 toxicity  
in swine: A comparative analysis of  
genetically engineered Bt corn and  
non-Bt corn by using quantitative  
dietary exposure assessment modeling  
and ecotoxicological investigations on  
earthworms

‡‡ Kevin Richard Duerfeldt *Falls City, Neb.*  
B.S. Northwest Missouri State University  
M.S. Iowa State University  
Department: Horticulture  
Majors: Sustainable Agriculture and  
Horticulture  
Dissertation: Values-based supply chains:  
Local and regional food systems in the  
Upper Midwest United States

Andrew Fasbender *Saint Charles, Ill.*  
B.A. Aurora University  
Department: Entomology  
Major: Entomology  
Dissertation: Phylogeny and diversity  
of the Phantom Crane Flies (Diptera:  
Ptychopteridae)

§ Yonghan Feng *Yinchuan, China*  
B.S. Xi'an Jiaotong University  
M.S. Xi'an Jiaotong University  
Department: Industrial and Manufacturing  
Systems  
Major: Industrial Engineering  
Dissertation: Scenario generation and  
reduction for long-term and short-term  
power system generation planning under  
uncertainties

Luke Karsten Fostvedt *Sun Valley, Idaho*  
B.S. University of Redlands  
M.S. Iowa State University  
Department: Statistics  
Major: Statistics  
Dissertation: Mixed effects modeling with  
missing data using quantile regression  
and joint modeling

Shanna Latisha Fountain *Union City, Ga.*  
B.S. University of West Georgia  
M.S. Drake University  
School: Education  
Major: Education (Educational Leadership)  
Dissertation: Stopping out: Experiences of  
African American females at a Midwestern  
community college

§ Shanthi Ganesan *Ames, Iowa*  
B.V.S. Tamil Nadu Veterinary and Animal  
Sciences University  
M.S. Bharathidasan University  
Department: Animal Science  
Major: Toxicology  
Dissertation: Cellular and molecular  
mechanisms of chemical-induced ovarian  
toxicity

‡‡ Han Gao *Taiyuan, China*  
B.S. Fudan University  
Department: Genetics Development and  
Cell Biology  
Major: Genetics  
Dissertation: TALE activation and functional  
analysis of endogenous genes in  
*Chlamydomonas reinhardtii*

§ Olivia N. Genter *Laingsburg, Mich.*  
B.S. Michigan State University  
M.S. Michigan State University  
Department: Animal Science  
Major: Nutritional Sciences  
Dissertation: Trace mineral supplementation  
in feedlot cattle: Implications for the  
inflammatory response, growth, and  
carcass characteristics

Pedro José González Portilla *Quito, Ecuador*  
B.S. University San Francisco de Quito  
Department: Agronomy  
Major: Plant Breeding  
Dissertation: Genetic analysis of the  
IBM2Syn10-DH maize population for  
response to low and high nitrogen input

Manibarsha Goswami *Jorhat, India*  
B.S. University of Delhi  
M.S. Gauhati University  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Thioglycoside activation using  
bismuth(V) chemistry

Rachel Jean Graham *Des Moines, Iowa*  
B.A. Grand View College  
M.S. Iowa State University  
School: Education  
Majors: Education and Human Computer  
Interaction  
Dissertation: Exploring the quality,  
usability, and use of learning objects in  
introductory statistics classrooms

§ Tezcan Güney *Istanbul, Turkey*  
Lis. Dip. Sakarya University  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Synthesis of biologically  
active polycyclic natural products and  
multifunctional imaging probes

Feng Guo *Zhoukou, China*  
B.E. Huazhong University of Science and  
Technology  
M.S. Iowa State University  
Department: Computer Science  
Major: Computer Science  
Dissertation: Displacement-based grasping  
of deformable objects

§ Pooja Gupta *Kolkata, India*  
B.Tech. West Bengal University of  
Technology  
Department: Veterinary Microbiology and  
Preventive Medicine  
Major: Genetics  
Dissertation: Molecular effects of  
Mammalian Orthoreovirus (MRV)  
infection on hypoxic prostate tumor cells

§ Amanda Michelle Haage *Kalona, Iowa*  
B.A. Wartburg College  
Department: Chemical and Biological  
Engineering  
Major: Molecular, Cellular and  
Developmental Biology  
Dissertation: Microenvironment regulation  
of matrix metalloproteinase activity in  
pancreatic cancer cells

Benjamin Robert Halls *Monona, Wis.*  
B.S. University of Wisconsin-Platteville  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: X-ray radiography and  
fluorescence for liquid distribution and  
mixing measurements in impinging jet  
sprays

Jingjie Hao *Hohhot, China*  
B.Agri. China Agricultural University  
Department: Horticulture  
Major: Genetics  
Dissertation: Genomic studies of abiotic  
stresses in grasses

Halyna Hodovanets *Turka, Ukraine*  
B.S. Drohobych State Pedagogical University  
M.S. Minnesota State University-Mankato  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Tuning of 4f- and Fe-based  
correlated electron systems by magnetic  
field and chemical substitution

Xiaofei Hu *Lanzhou, China*  
B.E. Tsinghua University  
M.Engr. Iowa State University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Dissertation: Uncertainty quantification  
tools for multiphase gas-solid flow  
simulations using MFIX

Emily Angela Hull *Ames, Iowa*  
B.S. University of Idaho  
M.S. University of Idaho  
Department: Chemistry  
Major: Chemistry  
Dissertation: The metallic thread in a  
patchwork thesis

Rui Jiang *Harbin, China*  
B.S. Nanjing University  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Laser-based angle-resolved  
photoemission spectroscopy (ARPES)  
and studies of topological insulators and  
heavy fermions

Robert Lee Johnson *Bemidji, Minn.*  
B.S. Minnesota State University-Mankato  
M.S. Washington State University  
Department: Chemistry  
Major: Chemistry  
Dissertation: Solid state NMR of carbon and catalyst materials with applications for biorenewable chemicals

§ Jinhyun Jun *Incheon, South Korea*  
B.B.A. Kyunghee University  
M.B.A. Sejong University  
B.S. Johnson and Wales University  
Department: Apparel, Events, and Hospitality Management  
Major: Hospitality Management  
Dissertation: Understanding customers' healthful menu item selection behaviors at casual dining restaurants

§ Abhijeet Kapoor *Varanasi, India*  
B.Tech. Jaypee Institute of Information Technology  
Department: Physics and Astronomy  
Major: Bioinformatics and Computational Biology  
Dissertation: Understanding conformational transitions in RAS proteins using all-atom and coarse-grained molecular dynamics

Matthew Allan Kappes *Clay Center, Neb.*  
B.S. University of Nebraska at Lincoln  
M.S. Iowa State University  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Immunobiology  
Dissertation: Identification and characterization of a novel structural protein of porcine reproductive and respiratory syndrome virus, the replicase nonstructural protein 2

Kenneth David Kass *Bondurant, Iowa*  
B.S. Iowa State University  
M.P.A. Drake University  
School: Education  
Major: Education (Curriculum and Instructional Technology)  
Dissertation: Computer self-efficacy: Instructor and student perspectives in a university setting

Ryan Allen Kirk *Des Moines, Iowa*  
B.S. Drake University  
Department: Veterinary Pathology  
Major: Human Computer Interaction  
Dissertation: Evaluating a cognitive tool built to aid decision making using decision making approach as a theoretical framework and using unobtrusive, behavior-based measures for analysis

Yew Meng Koh *Klang, Malaysia*  
B.S. University of Malaya  
M.S. University of Malaya  
M.S. Iowa State University  
Department: Statistics  
Major: Statistics  
Dissertation: Contributions to the design and analysis of nondestructive evaluation experiments

Kenneth Edward Kopecky II *Ames, Iowa*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Mechanical Engineering  
Major: Human Computer Interaction  
Dissertation: A software framework for initializing, running, and maintaining mixed reality environments

Laura M. Lara Rodriguez *Barbosa, Puerto Rico*  
Ingenr. Industrial University of Santander  
M.S. University of Puerto Rico-Mayaguez  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Dissertation: Design and fabrication of engineered platforms to control multiple cue directed cell migration

Dawn Delaine Laux *West Lafayette, Ind.*  
B.S. Ball State University  
M.S. Iowa State University  
Department: Supply Chain and Information Systems  
Major: Human Computer Interaction  
Dissertation: A model for measuring student persistence through collaborative learning

§ Jennifer Jiyoung Lee *Cedar Falls, Iowa*  
B.A. Northwestern University  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Platform approach to diversification: Bio-based methyl coumalate to functionalized aromatics via a Diels-Alder strategy

Yongki Lee *Changwon, South Korea*  
B.S. Ajou University  
M.S. Pohang University of Science and Technology  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: Threshold dynamics in hyperbolic partial differential equations

Jing Li *Hebei, China*  
B.S. Nankai University  
M.S. Iowa State University  
Department: Statistics  
Major: Statistics  
Dissertation: Biclustering methods and a Bayesian approach to fitting Blotzmann machines in statistical learning

Li Li *Ames, Iowa*  
B.A. Guangdong University of Foreign Studies  
M.S. University of Edinburgh  
Department: English  
Major: Rhetoric and Professional Communication  
Dissertation: "Us" and "them": The representation of minority groups in the Statistical Atlases of the United States from 1874 to 1925

Tianqi Li *Jinan, China*  
B.S. Nanjing University  
Department: Physics and Astronomy  
Major: Condensed Matter Physics  
Dissertation: Ultrafast laser spectroscopy in complex solid state materials

Yifan Li *Linfen, China*  
B.E. Xi'an Jiaotong University  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Transmission design and optimization at the national level

Jiajun Liao *Shaoyang, China*  
B.S. University of Science and Technology of China  
M.Phil. Hong Kong University of Science and Technology  
Department: Physics and Astronomy  
Major: High Energy Physics  
Dissertation: Phenomenological studies of neutrino physics

Stacy Marie Lindshield *Lindsborg, Kansas*  
B.G.S. University of Kansas  
M.A. Iowa State University  
Department: Anthropology  
Major: Ecology and Evolutionary Biology  
Dissertation: Multilevel analysis of the foraging decisions of western chimpanzees (*Pan troglodytes verus*) and resource scarcity in a savanna environment at Fongoli, Senegal

§ Jing Liu *Beijing, China*  
B.E. Beihang University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Dissertation: Structure-property relationships in rare earth intermetallic compounds  $RFe_4Ge_2$  and  $R_{117}M_{52+x}X_{112+y}$

Yu Liu *Harbin, China*  
B.S. Harbin Medical University  
M.S. Harbin Medical University  
M.S. Iowa State University  
Department: Biochemistry, Biophysics and Molecular Biology  
Major: Immunobiology  
Dissertation: Role of the PduL enzyme in the function of primitive bacterial organelles found in *Salmonella*

‡‡§ Andrew William Luse *Lacona, Iowa*  
B.S. Simpson College  
M.S. Iowa State University  
Ph.D. Iowa State University  
M.B.A. Iowa State University  
M.S. Iowa State University  
Department: Business Administration  
Major: Business and Technology (Information Systems)  
Dissertation: A tree-part intersection of psychology and information systems

Kelly Jo Moore *Ankeny, Iowa*  
B.B.A. University of Iowa  
M.B.A. Drake University  
Department: Business Administration  
Major: Business and Technology (Marketing)  
Dissertation: Individual differences in restrained eaters

Dinesh Moorkattukara Thekkoot *Thrissur, India*  
B.V.S. Kerala Agricultural University  
M.V.S. Kerala Agricultural University  
Em.Abg. Universitat Fur Bodenkultur Wien  
Master Christian Albrechts University  
Department: Animal Science  
Major: Animal Breeding and Genetics (Quantitative Genetics)  
Dissertation: Genetic basis of lactation and lactation efficiency in pigs

Miyoung Oh *Bucheon, South Korea*  
B.Econ. Handong Global University  
B.Mgmt. Handong Global University  
M.Econ. Korea University  
Department: Economics  
Major: Economics  
Dissertation: Three essays on consumer choices on food

- Tamer Reda Omar *Cairo, Egypt*  
 B.S. Ain Shams University  
 M.B.A. Arab Academy for Science and  
 Technology  
 Department: Electrical and Computer  
 Engineering  
 Major: Computer Engineering  
 Dissertation: Resource optimization,  
 spectrum allocation and fault tolerance  
 planning in broadband wireless networks
- Ahmet Ozbay *Ankara, Turkey*  
 B.S. Middle East Technical University  
 M.S. Iowa State University  
 Department: Aerospace Engineering  
 Major: Aerospace Engineering  
 Dissertation: An experimental investigation  
 on wind turbine aeromechanics and  
 wake interferences among multiple wind  
 turbines
- Ryan Andrew Pavlik *Green Bay, Wis.*  
 B.S. St. Norbert College  
 Departments: Mechanical Engineering and  
 Computer Science  
 Majors: Human Computer Interaction and  
 Computer Science  
 Dissertation: Enabling natural interaction  
 for virtual reality
- Joshua Paul Perry *Pine Island, Minn.*  
 B.S. Winona State University  
 Department: Physics and Astronomy  
 Major: Nuclear Physics  
 Dissertation: A novel approach to central-jet  
 forward-hadron correlations in proton-  
 proton collisions at 200 GeV at the  
 PHENIX experiment
- § Joseph Herbert Podolsky *Grand Blanc, Mich.*  
 B.S. Michigan State University  
 M.S. Michigan State University  
 Department: Civil, Construction and  
 Environmental Engineering  
 Major: Civil Engineering (Civil Engineering  
 Materials)  
 Dissertation: Investigation of bio-derived  
 material and chemical technologies as  
 sustainable warm mix asphalt additives
- Md Shaidur Rahman *Mymensingh, Bangladesh*  
 B.S. Bangladesh University of Engineering  
 and Technology  
 M.S. Kansas State University  
 Department: Civil, Construction and  
 Environmental Engineering  
 Major: Civil Engineering (Civil Engineering  
 Materials)  
 Dissertation: Local calibration of the  
 MEPDG prediction models for pavement  
 rehabilitation and evaluation of top-down  
 cracking for Oregon Roadways
- Sheng Ran *Pingliang, China*  
 B.S. Fudan University  
 Department: Physics and Astronomy  
 Major: Condensed Matter Physics  
 Dissertation: Combined effects of post-  
 growth thermal treatment and chemical  
 substitution on physical properties of  
 $\text{CaFe}_2\text{As}_2$
- Judhajeet Ray *Kolkata, India*  
 B.S. University of Calcutta  
 M.S. University of Calcutta  
 Department: Biochemistry, Biophysics and  
 Molecular Biology  
 Major: Biochemistry  
 Dissertation: Aptamer sensors for live-cell  
 imaging of Pol II promoter activity
- Angelica Sofia Reina *Ames, Iowa*  
 Psych. Pontifical Javeriana University  
 M.S. Iowa State University  
 Department: Human Development and  
 Family Studies  
 Major: Human Development and Family  
 Studies  
 Dissertation: Salir Adelante: A feminist  
 ethnographic study of transnational  
 Latina mothers and the practice of  
 resilience
- ‡‡ Michelle Robinson *Ewing, N.J.*  
 B.A. Rutgers State University-Rutgers  
 College  
 M.A. The College of New Jersey  
 School: Education  
 Major: Education (Educational Leadership)  
 Dissertation: Trustee perceptions of effective  
 board functioning: A survey of elected  
 community college trustees in the  
 Midwest
- ‡‡ Beas Roy *Kolkata, India*  
 B.S. University of Calcutta  
 M.S. Indian Institute of Technology Bombay  
 Department: Physics and Astronomy  
 Major: Condensed Matter Physics  
 Dissertation: Low-temperature nuclear  
 magnetic resonance investigation of  
 systems frustrated by competing exchange  
 interactions
- ‡‡ Gustav Errol Rustan *Oklee, Minn.*  
 B.A. University of Minnesota-Morris  
 Department: Physics and Astronomy  
 Major: Condensed Matter Physics  
 Dissertation: Electrostatic levitation studies  
 of supercooled liquids and metastable  
 solid phases

§ María Victoria Sanz Fernández  
*Madrid, Spain*  
Licen. Universidad Complutense de Madrid  
Department: Animal Science  
Major: Nutritional Sciences  
Dissertation: The effects of heat stress  
on energetic metabolism and insulin  
homeostasis

‡‡ Ekaterina Sinitskaya *Moscow, Russia*  
Bakl. Moscow University  
Magistr. Moscow University  
Department: Economics  
Major: Economics  
Dissertation: Computational modeling of  
an economy using elements of artificial  
intelligence

Rama Srinivasan *Chennai, India*  
B.S. Madras University  
M.S. Madras University  
M.S. Philadelphia University  
Department: Apparel, Events, and  
Hospitality Management  
Major: Apparel, Merchandising, and Design  
Dissertation: An investigation of Indian  
consumers' adoption of retail self-service  
technologies (SSTs): Application of the  
cultural-self perspective and Technology  
Acceptance Model (TAM)

Lauren Lavins Sullivan  
*Grosse Pointe Park, Mich.*  
B.S. University of Michigan-Ann Arbor  
Department: Ecology, Evolution and  
Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Top-down and bottom-  
up effects on plant reproduction and  
dispersal in grassland systems

Xiaochen Sun *Laixi, China*  
B.S. Shandong University  
Department: Animal Science  
Major: Animal Breeding and Genetics  
(Quantitative Genetics)  
Dissertation: Genomic prediction using  
linkage disequilibrium and co-segregation

Diego Thompson Bello *Mercedes, Uruguay*  
Lic. Universidad de la Republica  
M.S. Iowa State University  
Department: Sociology and Anthropology  
Majors: Sociology and Sustainable  
Agriculture  
Dissertation: Environmental stresses  
and community responses in four  
communities of southwestern Uruguay

‡‡ Brian Charles Tlach *Britt, Iowa*  
B.S. Loras College  
Department: Chemistry  
Major: Organic Chemistry  
Dissertation: Elucidating the reactivity  
and structure-property relationships of  
benzobisoxazoles for the rational design  
of conjugated materials

Chijioke N. Umunnakwe *Owerri, Nigeria*  
B.S. Cumberland College  
B.S. Cumberland College  
Department: Animal Science  
Major: Genetics  
Dissertation: Computational and  
experimental analysis of retroviral Rev-  
like proteins

Justin R. Vander Werff *Sanborn, Iowa*  
B.S. Dordt College  
M.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Dissertation: Integral precast girder-to-  
cap connections for accelerated bridge  
construction in seismic regions

Sweta Vangaveti *Ranchi, India*  
B.E. Birla Institute of Technology and  
Science  
M.S. Iowa State University  
Department: Physics and Astronomy  
Major: Bioinformatics and Computational  
Biology  
Dissertation: Coarsegrained modeling and  
electrostatics of phospholipid monolayers

Laurimar Goncalves  
Vendrusculo *Des Moines, Iowa*  
Engr. University Federal de Minas Gerais  
M. Engr. University Estadual de Campinas  
Department: Agricultural and Biosystems  
Engineering  
Majors: Agricultural and Biosystems  
Engineering and Environmental Science  
Dissertation: Classical gully spatial  
identification and slope stability modeling  
using high-resolution elevation and data  
mining technique

§ Samuel Arthur Wagner *Ames, Iowa*  
B.S. Iowa State University  
M. Engr Iowa State University  
Department: Aerospace Engineering  
Major: Aerospace Engineering  
Dissertation: Automated trajectory  
design for impulsive and low thrust  
interplanetary mission analysis

- Rasna Rani Walia *Nairobi, Kenya*  
 B.S. University of Nairobi  
 M.S. University College London  
 Department: Computer Science  
 Major: Bioinformatics and Computational Biology  
 Dissertation: Sequence-based prediction of RNA-protein interactions
- Chao Wang *Tianjin, China*  
 B.S. Nankai University  
 Department: Biochemistry, Biophysics and Molecular Biology  
 Major: Molecular, Cellular and Developmental Biology  
 Dissertation: Epigenetic Interplay between histone H3K9me2 and JIL-1 mediated histone H3S10ph
- ‡‡ Dafang Wang *Zoucheng, China*  
 B.Ag. Shandong Agricultural University  
 B.S. Shandong Agricultural University  
 M.S. Oklahoma State University  
 Department: Genetics Development and Cell Biology  
 Major: Plant Biology  
 Dissertation: The impact of *Ac/Ds* alternative transposition on the maize genome
- Xiaoguang Wang *Jinan, China*  
 B.S. Shandong University  
 Department: Biochemistry, Biophysics and Molecular Biology  
 Major: Genetics  
 Dissertation: Function of class one nonsymbiotic plant hemoglobins
- Xin Wang *Chongqing, China*  
 B.E. Chongqing University  
 M.Engr Chongqing University  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Civil Engineering Materials)  
 Dissertation: Evaluation of de-icer deterioration of concrete
- ‡‡ Casey Daniel White *Springfield, Mo.*  
 B.S. Missouri State University  
 M.A. Missouri State University  
 Department: English  
 Major: Rhetoric and Professional Communication  
 Dissertation: At the boundary between speech and writing: Fostering productive interdisciplinary collaboration on multimodal communication courses
- Bailey Lauren Wilberts *Des Moines, Iowa*  
 B.A. Drake University  
 D.V.M. Iowa State University  
 Department: Veterinary Pathology  
 Major: Veterinary Pathology  
 Dissertation: Investigation of swine dysentery associated with *Brachyspira hampsonii* strain EB107 and comparison of diagnostic methods
- Ryan James Williams *Plano, Tex.*  
 B.S. Texas A&M University  
 M.S. Oklahoma State University  
 Department: Ecology, Evolution and Organismal Biology  
 Major: Ecology and Evolutionary Biology  
 Dissertation: Integrating scale and uncertainty to understand microbially derived agroecosystem processes
- Gang Xu *Xinxiang, China*  
 B.S. Beijing University  
 M.Engr Beijing University  
 Department: Electrical and Computer Engineering  
 Major: Computer Engineering  
 Dissertation: Towards practical verifiable computation: Verification outsourcing, linear arguments without linearity tests, and repeated structures
- Jinliang Yang *Cangzhou, China*  
 B.E. China Agricultural University  
 M.S. China Agricultural University  
 Department: Agronomy  
 Major: Genetics  
 Dissertation: Genome-wide association studies to dissect the genetic architecture of yield-related traits in maize and the genetic basis of heterosis
- Jing Zhang *Yueyang, China*  
 B.E. East China University Science and Technology  
 M.Engr East China University Science and Technology  
 M.S. Iowa State University  
 Department: Chemical and Biological Engineering  
 Major: Chemical Engineering  
 Dissertation: Understanding fast pyrolysis of biomass

## MASTER OF ACCOUNTING

---

Byoungwoo Choi *Seoul, South Korea*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

Miao Liu *Shenyang, China*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

Aabriti Pandey *Kathmandu, Nepal*  
B.S. Winona State University  
Department: Accounting  
Major: Accounting

Yuanting Pang *Hangzhou, China*  
B.Mgmt. Shanghai Finance University  
Department: Accounting  
Major: Accounting

Tongtong Shen *Nanchang, China*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

Natalie Marie Wingert *Pleasant Hill, Iowa*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

## MASTER OF AGRICULTURE

---

Bruce Joseph Black *Cedar Rapids, Iowa*  
B.S. Iowa State University  
Department: Professional Agriculture  
Major: Professional Agriculture

## MASTER OF ARTS

---

Michael M. Belding III *Story City, Iowa*  
B.A. Iowa State University  
Department: History  
Major: History  
Thesis: The farmers' millennium: The ideology of agricultural improvement in Iowa, 1855 to 1865

Jennifer Claudia Haywood *West Des Moines, Iowa*  
B.S. Iowa State University  
Department: Interior Design  
Major: Interior Design  
Thesis: Influences on pedestrian bi-directional route within exhibition spaces

Susan Lee *Ames, Iowa*  
B.Music Iowa State University  
B.S. Iowa State University  
Department: English  
Major: Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)  
Thesis: CALL-infused project-based learning: A case study of adult ESL students learning prepositions

Chang Liu *Lianyungang, China*  
B.A. Nanjing Forestry University  
Department: Graphic Design  
Major: Graphic Design

Jeremy Michael Miller *Galena, Ill.*  
B.A. University of Wisconsin-Platteville  
J.D. John Marshall Law School  
Department: Political Science  
Major: Political Science  
Thesis: The modern court and the reprisal of Lochner in election law and campaign finance

Kavitha Arikkare Nambisan *Ames, Iowa*  
B.A. Iowa State University  
Department: English  
Major: Teaching English as a Second Language/Applied Linguistics (Literacy in English as a Second Language)  
Thesis: Teachers' attitudes towards and uses of translanguaging in English language classrooms in Iowa

Jacob Leigh Niederhauser *Des Moines, Iowa*  
B.Arch. Iowa State University  
Department: Graphic Design  
Major: Graphic Design (Environmental Graphic Design)



Theresa Ann Orlovsky                      *Swansea, Ill.*  
B.S. Southeast Missouri State University  
Department: English  
Major: Teaching English as a Second  
Language/Applied Linguistics (Literacy in  
English as a Second Language)  
Thesis: Spanish/English bilinguals' strategies  
for finding bias in historical texts

Stephanie Paula Wingate                      *Fairfield, Iowa*  
B.A. Indiana Univ-Purdue University at  
Indianapolis  
Department: Art and Design  
Major: Art and Design (Interior Design)  
Thesis: Public perception of sustainable  
interior design practices in residential  
settings

## MASTER OF ARTS IN TEACHING

---

Emily Margaret Barks                      *Geneseo, Ill.*  
B.A. Monmouth College  
School: Education  
Major: Science Education

## MASTER OF BUSINESS

---

Richard Charles Louis Bottenberg                      *Waukee, Iowa*  
B.A. Drake University  
Department: Business Administration  
Major: Business Administration

Gregory Alan Wiles                      *Burnside, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Dana Schweitzer                      *Blue Grass, Iowa*  
B.S. Iowa State University  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Christopher David Wilson                      *Des Moines, Iowa*  
B.S. Drake University  
Department: Business Administration  
Major: Business Administration

Ashutosh Singh                      *Jaipur, India*  
B.Tech. University of Rajasthan  
Department: Business Administration  
Major: Business Administration

## MASTER OF COMMUNITY AND REGIONAL PLANNING

---

Anna Leah Blumstein                      *Berkeley, Calif.*  
B.A. University of Cambridge  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning  
Thesis: Salvaging salmon: Shasta Dam and  
the conservation movement

Eric John Christianson                      *Rock Falls, Ill.*  
B.A. Loyola University of Chicago  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning  
Thesis: "Keep it rural" The politics of  
planning for smart growth in South  
Fulton County, Georgia

Anna Marion Bruen                      *Fairfield, Iowa*  
B.S. Maharishi University of Management  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning  
Thesis: Small-town sustainability: A case  
study

Julia Whitson                      *Saint Louis, Mo.*  
B.A. Missouri State University  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning  
Thesis: What drives participation in the  
farm and ranch lands protection program?

Jon Wolseth *Ames, Iowa*  
B.A. Fort Lewis College  
M.A. University of Iowa  
Ph.D. University of Iowa  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning

## MASTER OF EDUCATION

---

Scott Douglas Broady *St. Louis Park, Minn.*  
B.A. Gustavus Adolphus College  
School: Education  
Major: Education (Student Affairs)

Stephanie Cherry *Jesup, Iowa*  
B.A. University of Northern Iowa  
School: Education  
Major: Education (Higher Education)

Derek Lee Day *Bedford, Ind.*  
B.S. Butler University  
School: Education  
Major: Education (Higher Education)

Jody Lynn Donaldson *North Liberty, Iowa*  
B.S. Upper Iowa University  
School: Education  
Major: Education (Higher Education)

Lin Gao *Tianshui, China*  
B.S. Gansu Institute of Political Science  
School: Education  
Major: Education (Higher Education)

Eric Keiser Hillman *Ames, Iowa*  
B.A. Monmouth University  
School: Education  
Major: Education

Nathan Larry Loenser *Boone, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Higher Education)

Kajal Madeka *Des Moines, Iowa*  
B.A. University of Calcutta  
M.A. Maharaja Sayajirao University of  
Baroda  
Ph.D. Maharaja Sayajirao University of  
Baroda  
School: Education  
Major: Education (Curriculum and  
Instructional Technology)

Shannon Marie McClintock *Cedar Falls, Iowa*  
School: Education  
Major: Education (Mathematics Licensure)

Elizabeth Ann O'Connor *Davenport, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Special Education  
(Practitioner))

María Belén Pardo Ballester *Ames, Iowa*  
B.S. San Francisco State University  
School: Education  
Major: Education (Curriculum and  
Instructional Technology)

Kirk Joseph Pohlman *Johnston, Iowa*  
B.A. University of Northern Iowa  
School: Education  
Major: Education (Higher Education)

Andrew Jordan Soper *Estherville, Iowa*  
B.A. Buena Vista University  
School: Education  
Major: Education (Higher Education)

## MASTER OF ENGINEERING

---

Brendan Alexander Babcock *Ames, Iowa*  
B.S. Iowa State University  
Departments: Chemical and Biological  
Engineering and Civil, Construction and  
Environmental Engineering  
Majors: Chemical Engineering and Civil  
Engineering (Environmental Engineering)

Cameron Leigh Bieganek *St. Paul, Minn.*  
B.A. Denison University  
M.S. Minnesota State University-Mankato  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Andrew Christian Chiles      *Huntsville, Ala.*  
B.S. Murray State University  
Department: Electrical and Computer  
Engineering  
Major: Information Assurance

Loukya Chintalacheruvu      *Hyderabad, India*  
B.Tech. Jawaharlal Nehru Technological  
University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)

Daniel James Eilers      *Marshalltown, Iowa*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Nicholas David Everett      *Roseville, Mich.*  
B.S. Iowa State University  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

David Christopher Gassman      *Atlanta, Ga.*  
B.B.A. University of Georgia  
Department: Electrical and Computer  
Engineering  
Major: Information Assurance

Gary Scott Goddard      *Ohkay Owingeh, N. Mex.*  
B.A. San Francisco State University  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Tabassum Hayet      *Chandler, Bangladesh*  
B.S. Ahsanullah University of Science and  
Technology  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Russell Hunter John      *Huntsville, Mo.*  
B.S. U. S. Air Force Academy  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Joshua Kalin      *Madison, Ala.*  
B.S. University of Alabama In Huntsville  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Jason Charles Kenyon      *Muscatine, Iowa*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Environmental  
Engineering)

Adeel Khan      *Cedar Rapids, Iowa*  
B.S. University of South Alabama  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Christopher Michael Lewis      *North Liberty, Iowa*  
B.S. University of Iowa  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Qiaomu Li      *Jinchang, China*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Geotechnical  
Engineering)

Faye June Nordstrom      *Phoenix, Ariz.*  
B.S. University of Utah  
B.S. Park University  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Enrique Osuna Ayala      *Culiacan, Mexico*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Sai Sree Parvathaneni      *Ames, Iowa*  
B.E. Birla Institute of Technology and  
Science  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Ullas Pathak      *Kharagpur, India*  
B.Tech. National Institute of Technology  
M.S. Arizona State University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering

Nitya Poovaiah      *Bangalore, India*  
B.E. Visveswaraiah Technological University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering

Parthiv Arvindbhai Rajgor      *Decatur, Ill.*  
B.E. Sadar Patel University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Andrew Philip Schmitz      *Adams, Minn.*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Bernice Yim *Waterloo, Iowa*  
B.S. University of Illinois-Urbana  
Champaign  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Dacong Zhou *Wuzhou, China*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)

## MASTER OF FAMILY AND CONSUMER SCIENCES

---

Michelle Yvonne Brehm *Chamberlain, S. Dak.*  
B.S. Southern Illinois University-Carbondale  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Dietetics)

Pandora Marie Lamar *Ames, Iowa*  
B.A. William Penn University  
M.P.A. Iowa State University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Gerontology)

Allison Marie Hillyer *Naperville, Ill.*  
B.S. Illinois State University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Comprehensive)

Morgan Lee Rechkemmer *Wayland, Iowa*  
B.S. Iowa State University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Family Financial Planning)

Teri Howard *Evergreen, Colo.*  
B.A. California State University-Long Beach  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Gerontology)

Cathleen Suzanne Taylor *Ada, Okla.*  
B.S. East Central University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Comprehensive)

Aaron Benjamin Justice *Mount Pleasant, S.C.*  
B.S. Appalachian State University  
M.B.A. Citadel of South Carolina, the  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Family Financial Planning)

Rebecca Leigh Young *Fairfield, Iowa*  
B.S. Iowa State University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Comprehensive)

## MASTER OF FINE ARTS

---

Weiqi Chu *Taizhou, China*  
B.A. Iowa State University  
Department: Interior Design  
Major: Interior Design  
Thesis: Safety issues of children age 3-5  
years in school classrooms

Meghana Veeramachaneni *Hyderabad, India*  
B.Arch. Jawaharlal Nehru Technological  
University  
Department: Interior Design  
Major: Interior Design  
Thesis: Wayfinding for the blind in a retail  
setting

Whitley Rashelle Kemble *Panora, Iowa*  
B.A. Drake University  
B.A. Drake University  
Department: Graphic Design  
Major: Graphic Design  
Thesis: A proposed model for designing  
children's health-focused serious games

††§ Ryan Graham Williams *Sioux City, Iowa*  
B.F.A. Iowa State University  
Department: Graphic Design  
Major: Graphic Design  
Thesis: User experience: A review of  
methodology and the creation of an  
evaluation instrument

## MASTER OF INDUSTRIAL DESIGN

---

Mitchell P. Hinrichsen      *Sioux City, Iowa*  
B.F.A. Iowa State University  
Department: Industrial Design  
Major: Industrial Design

Carlos Ramirez      *Sioux City, Iowa*  
B.S. Iowa State University  
Department: Industrial Design  
Major: Industrial Design

## MASTER OF LANDSCAPE ARCHITECTURE

---

Xiaofei Zhao      *Harbin, China*  
B.Agr. Northeast Agricultural University  
Department: Landscape Architecture  
Major: Landscape Architecture

## MASTER OF SCIENCE

---

Derek Richard Adams      *Stratford, Iowa*  
B.S. Iowa State University  
Department: Veterinary Microbiology and  
Preventive Medicine  
Major: Veterinary Microbiology

Maan A. Alduaiji      *Riyadh, Saudi Arabia*  
B.S. Al-Imam Muhammad Ibn Saud  
University  
Department: Computer Science  
Major: Computer Science

Jeffery Joseph Adams      *Davenport, Iowa*  
B.S. University of Wisconsin-Platteville  
Department: Agricultural and Biosystems  
Engineering  
Majors: Agricultural and Biosystems  
Engineering and Biorenewable Resources  
and Technology

Rinita Anand      *Vellore, India*  
B.E. Anna University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Construction  
Engineering and Management)  
Thesis: Conceptual level life-cycle cost  
analysis algorithm for low volume bridges

Kristin Renee Adams      *Cedar Falls, Iowa*  
B.S. Iowa State University  
Department: Animal Science  
Major: Meat Science  
Thesis: Dissolved carbon dioxide and  
oxygen concentrations in meat purge and  
relationship to microbial populations and  
shelf life

†† Meaghan Jean Bryan Anderson  
*Jamaica, Iowa*  
B.S. Iowa State University  
Department: Agronomy  
Major: Crop Production and Physiology  
(Weed Science)  
Thesis: Interactions between cover  
crops and weed management in Iowa's  
conventional cropping systems

Monday Obaigoruen Ahonsi  
*Fort Wayne, Ind.*  
B.S. University of Benin  
M.S. Ahmadu Bello University  
Ph.D. Ahmadu Bello University  
Department: Plant Pathology and  
Microbiology  
Major: Seed Technology and Business

Stephen Jon Anderson      *Des Moines, Iowa*  
B.S. Iowa State University  
Department: Psychology  
Major: Psychology  
Thesis: Effects of expectancy and agency on  
the feedback-related negativity

Snehansh Akhaury      *Ghaziabad, India*  
B.E. Visveswaraiiah Technological University  
Department: Supply Chain and Information  
Systems  
Major: Information Systems

Soroush Aramideh      *Tehran, Iran*  
Bach. Sharif University of Technology  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Numerical simulation of biomass  
fast pyrolysis in fluidized bed and auger  
reactors

Carlos Alberto Balbi *Buenos Aires, Argentina*  
Ing. Universidad Catolica Argentina  
M.B.A. Fundacao Getulio Vargas  
Department: Plant Pathology and  
Microbiology  
Major: Seed Technology and Business

Denis Bbosa *Masaka, Uganda*  
B.S. Makerere University  
Department: Agricultural and Biosystems  
Engineering  
Majors: Agricultural and Biosystems  
Engineering and Biorenewable Resources  
and Technology  
Thesis: Pesticide free methods of maize  
weevil control in stored maize for  
developing countries

Ryan Robert Beck *Council Bluffs, Iowa*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Seismic behavior of hollow concrete  
columns

Ran Bi *Shenzhen, China*  
B.A. Shenzhen University  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: Effects of typographic variables on  
attitude measures in reading bilingual  
brands

Ran Bi *Hefei, China*  
B.S. University of Science and Technology  
of China  
Department: Statistics  
Major: Statistics

Amanda Suzanne Black *Dubuque, Iowa*  
B.S. Iowa State University  
Department: Geological and Atmospheric  
Sciences  
Major: Meteorology  
Thesis: An investigation of summer season  
cold fronts unassociated with an outflow  
boundary

Anna Leah Blumstein *Berkeley, Calif.*  
B.A. University of Cambridge  
Department: Community and Regional  
Planning  
Major: Sustainable Agriculture  
Thesis: Salvaging salmon: Shasta Dam and  
the conservation movement

Georges Elias Bou Saab *Lebanon, Lebanon*  
B.S. American University in Dubai  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Transportation  
Engineering)  
Thesis: Evaluation of systemic safety  
methodologies on low-volume rural  
paved roadways

Nickolas James Bowden *Humboldt, Iowa*  
B.S. Iowa State University  
Department: Agronomy  
Major: Plant Breeding  
Thesis: Adaptability potential of corn for  
groundcover cropping systems

Amber Eileen Brown *Walnut Creek, Calif.*  
B.A. University of California-Santa Barbara  
Department: Mechanical Engineering  
Major: Human Computer Interaction

Anna Marion Bruen *Fairfield, Iowa*  
B.S. Maharishi University of Management  
Department: Community and Regional  
Planning  
Major: Sustainable Agriculture  
Thesis: Small-town sustainability: A case  
study

David Robert Case *Bradleyville, Mo.*  
B.S. College of the Ozarks  
Department: Agronomy  
Major: Agronomy

Nandith George Chandy *Bangalore, India*  
B.E. Visveswaraiiah Technological University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Time-resolved investigation of fast  
pyrolysis using FTIR spectroscopy

Eric John Christianson *Rock Falls, Ill.*  
B.A. Loyola University of Chicago  
Department: Community and Regional  
Planning  
Major: Sustainable Agriculture  
Thesis: "Keep it rural" The politics of  
planning for smart growth in South  
Fulton County, Georgia

Lukasz Sebastian Cisek *Cedar Falls, Iowa*  
B.S. University of Northern Iowa  
M.C.S. University of Iowa  
Department: Electrical and Computer  
Engineering  
Majors: Information Assurance and  
Computer Engineering

Michael Keneke Curtis      *Woodbridge, Va.*  
B.A. University of Maryland-Baltimore  
County  
Department: Industrial and Manufacturing  
Systems  
Major: Human Computer Interaction  
Thesis: Investigation of visually induced  
motion sickness: A comparison of  
mitigation techniques in real and virtual  
environments

Catherine Rosson DeLong      *Des Moines, Iowa*  
M.A. University of St. Andrews  
Department: Agronomy  
Majors: Soil Science (Soil Morphology and  
Genesis) and Environmental Science  
Thesis: A carbon assessment of Iowa State  
University's land

Rachel Feddersen Dudley      *Cedar Rapids, Iowa*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Mechanical Engineering  
Major: Human Computer Interaction  
Thesis: Towards a characterization of  
information automation systems on the  
flight deck

Amanda Jo Elsbernd      *Decorah, Iowa*  
B.S. Iowa State University  
Department: Animal Science  
Major: Animal Science  
Thesis: Nutrient utilization, pork quality,  
and lysine requirement of immunological  
castrates

David Edward Emery      *Penn Valley, Calif.*  
B.A. University of Southern Maine  
Department: Interdisciplinary Graduate  
Studies  
Major: Interdisciplinary Graduate Studies  
(Community Development)

Miguel Angel Escobedo      *Austin, Tex.*  
B.F.A. University of Texas at El Paso  
Department: Industrial and Manufacturing  
Systems  
Major: Human Computer Interaction

Liuran Fan      *Jinan, China*  
B.S. Iowa State University  
Department: Human Development and  
Family Studies  
Major: Human Development and Family  
Studies  
Thesis: Understanding home language use  
in Chinese families who are living in the  
United States

Meghan Elizabeth Fick      *Muscatine, Iowa*  
B.S. Iowa State University  
D.V.M. Iowa State University  
Department: Biomedical Sciences  
Major: Biomedical Sciences (Anatomy)  
Thesis: Anatomical characterization of the  
porcine hoof capsule

George John Fountas      *Raleigh, N.C.*  
B.A. University of Northern Iowa  
Department: Agronomy  
Major: Agronomy

Alysha Emily Gareis      *New Prague, Minn.*  
B.S. Iowa State University  
Department: Animal Science  
Major: Animal Science  
Thesis: Effects of two feed additives on  
performance, energy digestibility, and  
body composition of first-cycle laying  
hens fed two concentrations of dietary  
energy

Ulfur Rajan Grant      *Ames, Iowa*  
B.A. Grinnell College  
Department: Supply Chain and Information  
Systems  
Major: Information Systems

Kayla M. Griffith      *Lothian, Md.*  
B.S. Michigan Technological University  
Department: Agronomy  
Major: Agronomy

Ashley Marie Hand      *Ames, Iowa*  
B.S. Iowa State University  
Department: Natural Resources and Ecology  
Management  
Majors: Sustainable Agriculture and  
Forestry  
Thesis: A mixed-methods approach to  
understanding farmer and rancher  
interest in supplying woody biomass in  
the U.S. Northern Great Plains

Bradley Richard Hansen      *Carrollton, Tex.*  
B.A. Southern Methodist University  
Department: Industrial and Manufacturing  
Systems  
Major: Human Computer Interaction

Quinlin M. Hanson      *Indianapolis, Ind.*  
B.S. Ball State University  
Department: Biochemistry, Biophysics and  
Molecular Biology  
Major: Biochemistry  
Thesis: The role of the Immunoglobulin  
G1 Fc N-glycan in Fc $\gamma$ RIIIa affinity

§ Sela Rose Harcey *Parker, Colo.*  
B.A. Midland University  
Department: Sociology  
Major: Sociology  
Thesis: Local news counts: A focus upon  
local news and its effects on community  
attachment

Rebecca Lynn Haroldson *Des Moines, Iowa*  
B.A. Iowa State University  
Department: Sociology  
Major: Sociology  
Thesis: Human trafficking: As viewed  
through the eyes of criminal justice  
students

Karl Harven Hehr *Ames, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Curriculum and  
Instructional Technology)  
Thesis: Virtual field trips as an educational  
and motivational strategy to teach Iowa  
history

John Adam Hicklin *Urbandale, Iowa*  
B.A. Luther College  
Department: Industrial and Manufacturing  
Systems  
Major: Human Computer Interaction

Sarah Nicole Hoaglan *Wichita, Kans.*  
B.B.A. Wichita State University  
Department: Mechanical Engineering  
Major: Human Computer Interaction

Marissa E. Holst *Millville, Minn.*  
B.S. University of Wisconsin-River Falls  
Department: Human Development and  
Family Studies  
Major: Human Development and Family  
Studies  
Thesis: Understanding our extended  
families: Predictors and outcomes

Sameera T. Jayathilaka  
*Anuradhapura, Sri Lanka*  
Sp. Bach. University of Peradeniya  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Investigation of negative moment  
reinforcing steel in pre-cast pre-stressed  
concrete beam bridge decks

Shinyoung Jeon *Seoul, South Korea*  
B.A. Sungkyunkwan University  
M.A. Sungkyunkwan University  
Department: Human Development and  
Family Studies  
Major: Human Development and Family  
Studies  
Thesis: Intergenerational continuity in  
economic hardship, parental positivity  
and positive parenting: The impact on  
child behavior

Kayli Ann Julander *Altoona, Iowa*  
B.S. Iowa State University  
Department: Food Science and Human  
Nutrition  
Major: Nutritional Sciences  
Thesis: Health and behavioral findings with  
a Worksite Wellness Program

§ Dimitrios Kalliontzis *Kavala, Greece*  
Ptychio. Aristotle University of Thessaloniki  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Dynamic decay of motion of rocking  
concrete members

§ Sari J. Kharroub *Bethlehem, Palestine*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Bio-based soft elastomeric capacitor  
for structural health monitoring  
applications

Min Sun Kim *La Canada Flintridge, Calif.*  
B.A. University of Missouri-Columbia  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: Anorexia prevention messages:  
Effects on psychological reactance among  
female college students

Brad Kenneth Kirkpatrick *Kuna, Idaho*  
B.S. Iowa State University  
Department: Aerospace Engineering  
Major: Aerospace Engineering  
Thesis: Propulsion integration of hypersonic  
air-breathing vehicles utilizing a top-  
down design methodology



Valerie Marie Kleinheksel  
*Madison Heights, Mich.*  
B.A. Grand Valley State University  
M.Lis. Wayne State University  
Department: Industrial and Manufacturing  
Systems  
Major: Human Computer Interaction

Mackenzie Anthony Kolbet  
*New London, Minn.*  
B.A. University of Louisville  
Department: Agronomy  
Major: Agronomy

Kristopher Kooiker  
*Plymouth, Minn.*  
B.A. Iowa State University  
B.S. Iowa State University  
Department: Economics  
Major: Economics

Cody Daniel Kuntz  
*Wever, Iowa*  
B.S. Iowa State University  
Department: Entomology  
Major: Entomology  
Thesis: Investigating effects of surrounding  
landscape composition and complexity on  
populations of two polyphagous insect  
pest groups in Iowa soybean

Jong Geun Lee  
*Daegu, South Korea*  
B.F.A. Keimyung University  
Department: Apparel, Events, and  
Hospitality Management  
Major: Apparel, Merchandising, and Design  
Thesis: Assessing the challenges and  
opportunities for small and medium  
enterprises (SMEs) in the Vietnamese  
apparel retail market

Qilin Li  
*Hanchuan, China*  
B.S. Huazhong University of Science and  
Technology  
M. Engr Zhejiang University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Xiao Li  
*Beijing, China*  
B.S. China Agricultural University  
Department: Genetics Development and  
Cell Biology  
Major: Genetics  
Thesis: Genetic and gene expression  
diversity among maize inbreds

Xinyao Li  
*Lanzhou, China*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Civil Engineering  
Materials)  
Thesis: Modeling spacing factor  
requirements and measuring water  
permeability in hydrated portland cement  
paste

Zheng Li  
*West Des Moines, Iowa*  
B.E. Tsinghua University  
M.S. Clarkson University  
PH.D. Iowa State University  
Department: Computer Science  
Major: Computer Science  
Thesis: An XML-based system for  
management and auery of video databases  
with user identifiable and annotated  
scenes

Julien Francois Linares  
*Woodland, Calif.*  
B.S. University of California-Davis  
Department: Agronomy  
Major: Plant Breeding

Kunwei Liu  
*Cedar Rapids, Iowa*  
B.S. Iowa State University  
Department: Materials Science and  
Engineering  
Major: Materials Science and Engineering  
Thesis: Novel plant oil-based thermosets  
and polymer composites

Zhengyu Liu  
*Shenyang, China*  
B.E. Shenyang University of Technology  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Evaluation of the need for  
longitudinal median joints in bridge  
decks on dual structures

Graham Harley McGregor  
*Mount Elgin, Ontario*  
B.S. University of Guelph  
Department: Plant Pathology and  
Microbiology  
Major: Seed Technology and Business

Chase Rubin Meusel  
*Charles City, Iowa*  
B.A. University of Northern Iowa  
Department: Industrial and Manufacturing  
Systems  
Major: Human Computer Interaction  
Thesis: Exploring mental effort and nausea  
via electrodermal activity within scenario-  
based tasks

Weiwei Miao *Laiyang, China*  
B.A. Shangdong Normal University  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: Risk perception of food safety and  
behavioral intentions to read food safety  
labels

Carl Van Mills Jr *Baxley, Ga.*  
B.S. University of Georgia  
Department: Agricultural Education and  
Studies  
Major: Agricultural Education

Alunas M. Mwamakimbula *Mbeya, Tanzania*  
B.S. Sokoine University of Agriculture  
Department: Agricultural Education and  
Studies  
Major: Agricultural Education (Agricultural  
Extension Education)  
Thesis: Assessment of the factors impacting  
agricultural extension training programs  
in Tanzania: A descriptive study

Bjorn Philip Nelson *Huron, S. Dak.*  
B.S. South Dakota State University  
Department: Agronomy  
Major: Agronomy

Erin MacKinzie Nelson *Ames, Iowa*  
B.S. Iowa State University  
Department: Food Science and Human  
Nutrition  
Major: Nutritional Sciences  
Thesis: Formative evaluation of intervention  
methods designed to improve behavior  
change strategies

Monica Ahleece Newman *Menasha, Wis.*  
B.S. Iowa State University  
Department: Animal Science  
Major: Animal Science  
Thesis: Defining the energy and nutrient  
content of corn grown in drought-  
stressed conditions and determining the  
relationship between energy content of  
corn and the response of growing pigs to  
xylanase supplementation

Edward Patrick O'Connor *Cedar Falls, Iowa*  
B.S. University of Northern Iowa  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Construction  
Engineering and Management)  
Thesis: Major equipment life cycle cost  
analysis

Zahra Florence Olson *Mandan, N. Dak.*  
B.S. Iowa State University  
Department: Veterinary Microbiology and  
Preventive Medicine  
Major: Immunobiology  
Thesis: Differential measures of cellular  
IFN- $\gamma$  responses in swine following  
influenza vaccination

Tsolmon Otgonbold *New York, N.Y.*  
B.S. Osmania University  
B.S. Mongolian University of Scienc  
Department: Electrical and Computer  
Engineering  
Major: Information Assurance  
Thesis: ADAPT: An anonymous,  
distributed, and active probing-based  
technique for detecting malicious fast-flux  
domains

Pitchaya Patana-Anake *Bangkok, Thailand*  
B.S. University of Missouri-Columbia  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Environmental  
Engineering)

Robert J. Peggarr *Stanley, Wis.*  
B.S. University of Wisconsin-Platteville  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Two integral girder connections  
for precast concrete bridges in seismic  
regions utilizing extended prestressing  
strands

Brent John Pepin *Upsala, Minn.*  
D.V.M. Iowa State University  
Department: Veterinary Diagnostic and  
Production Animal Medicine  
Major: Veterinary Preventive Medicine  
Thesis: Exploring alternative methods for  
population surveillance

Kabura James Philip *Loliondo, Tanzania*  
B.S. Sokoine University of Agriculture  
Department: Agricultural Education and  
Studies  
Major: Agricultural Education (Agricultural  
Extension Education)  
Thesis: Extension program needs by farmers  
In Tanzania: A descriptive study

- Jeremy Stuart Pittman                      *Wakefield, Va.*  
 B.S. North Carolina State University-Raleigh  
 B.S. North Carolina State University-Raleigh  
 D.V.M. North Carolina State Univ-Raleigh  
 Department: Veterinary Diagnostic and  
 Production Animal Medicine  
 Major: Veterinary Preventive Medicine  
 Thesis: Effect of fenbendazole on shedding  
 and embryonation of *Ascaris suum* eggs in  
 naturally infected gestating sows
- Priyangika R. Piyasinghe                      *Ames, Iowa*  
 Sp.Bach. University of Peradeniya  
 Department: Computer Science  
 Major: Computer Science  
 Thesis: Implementation of a multiuser  
 customized oblivious RAM
- ‡‡ Neelam Prabhu Gaunkar                      *Mumbai, India*  
 B.E. University of Mumbai  
 Department: Electrical and Computer  
 Engineering  
 Major: Electrical Engineering  
 Thesis: Magnetic hysteresis and Barkhausen  
 noise emission analysis of magnetic  
 materials and composites
- Cong Qin    *Shanghai, China*  
 B.A. Shanghai Dianji University  
 Department: Apparel, Events, and  
 Hospitality Management  
 Major: Hospitality Management
- Ashok Paramasivam Rajan                      *KIang, Malaysia*  
 B.S. Iowa State University  
 Department: Electrical and Computer  
 Engineering  
 Major: Electrical Engineering
- Sarani Rangarajan                              *Chennai, India*  
 B.Tech. Vellore Institute of Technology  
 University  
 Major: Journalism and Mass  
 Communication  
 Thesis: Asking the players: A mental  
 models approach to how long-term  
 players of a massively multiplayer online  
 game perceive the risks associated with  
 gaming
- Michael Allen Rausch                              *Ionia, Iowa*  
 B.S. Iowa State University  
 M.S. Iowa State University  
 Department: Entomology  
 Major: Microbiology  
 Thesis: Modification of the Bt toxin Cry4Aa  
 for improved toxin processing in the gut  
 of the pea aphid (*Acyrtosiphon pisum*)
- Joseph Friedrich Reni                              *Herriman, Iowa*  
 B.S. University of Central Florida  
 Department: Psychology  
 Major: Human Computer Interaction
- Ronald Camilo Reyes Hernandez  
     *Bogotá, Colombia*  
 B.Arch Iowa State University  
 Department: Architecture  
 Major: Architecture  
 Thesis: Mechanisms of inequality in  
 Bogotá, Colombia: Physical, spatial,  
 and urbanistic qualities that shaped the  
 growth of the city from colonization and  
 throughout the twentieth and twenty-first  
 centuries
- Ayesha Riaz    *Karachi, Pakistan*  
 B. University of Karachi  
 Master University of Karachi  
 Department: Biochemistry, Biophysics and  
 Molecular Biology  
 Major: Genetics  
 Thesis: Characterization of *RNase X25* and  
*Lamp1* in *Drosophila melanogaster*
- Nichole Lynne Richter Seedorf                      *Ankeny, Iowa*  
 B.S. Minnesota State University-Mankato  
 Department: Human Development and  
 Family Studies  
 Major: Interdisciplinary Graduate Studies  
 (Social Sciences)  
 Thesis: A psychoeducational intervention  
 for early-stage caregivers of older Iowans:  
 A pilot study
- Neil Alan Rowe    *Moline, Ill.*  
 B.S. Northern Illinois University  
 Department: Human Development and  
 Family Studies  
 Major: Human Development and Family  
 Studies  
 Thesis: Making my faith my own: Church  
 attendance and first-year college student  
 religious and spiritual development
- Eduardo Rubio III                                      *Lake Arthur, N. Mex.*  
 B.A. New Mexico State University  
 Department: Industrial and Manufacturing  
 Systems  
 Major: Human Computer Interaction  
 Thesis: Defining a software genre: Timeline  
 navigators
- Jason Andrew Saporta                              *Skillman, N.J.*  
 B.A. Rutgers State University-Rutgers  
 College  
 Department: Statistics  
 Major: Statistics

- Aaron Michael Sassman *Ames, Iowa*  
 B.S. Iowa State University  
 Department: Agronomy  
 Majors: Soil Science and Environmental Science  
 Thesis: Corn production with Instinct nitrification inhibitor applied with urea-ammonium nitrate solution and liquid swine manure
- ## Tyler Jay Schau *Almont, N. Dak.*  
 B.S. Iowa State University  
 Department: Agricultural Education and Studies  
 Major: Agricultural Education
- Jaelle Paige Scheuerman *Metairie, La.*  
 B.S. South Dakota School of Mines and Technology  
 Department: Industrial and Manufacturing Systems  
 Major: Human Computer Interaction
- Joshua Cade Sevier *Waukee, Iowa*  
 B.S. Iowa State University  
 Department: Agronomy  
 Major: Agronomy
- Brittany Nicole Shonka *Independence, Iowa*  
 B.S. Iowa State University  
 Department: Animal Science  
 Major: Animal Breeding and Genetics  
 Thesis: Genetic parameters for pre-fresh intake and the effects of lameness on feed intake and milk production in dairy cattle
- Joy Pranav Shukla *Ahmedabad, India*  
 B.E. Sadar Patel University  
 Department: Electrical and Computer Engineering  
 Major: Computer Engineering  
 Thesis: Hybrid drive design: An economics - workload based approach
- Damanjit Singh *Patiala, India*  
 B.E. Thapar University  
 Department: Electrical and Computer Engineering  
 Major: Computer Engineering  
 Thesis: Empirical study of Inter-procedural Data Flow (IDF) patterns for memory leak analysis in linux
- Mary Ruth Snyder *Kelley, Iowa*  
 B.S. Iowa State University  
 Department: Apparel, Events, and Hospitality Management  
 Major: Hospitality Management
- Ryan Edward Spotts *Sac City, Iowa*  
 B.S. Iowa State University  
 Department: Materials Science and Engineering  
 Major: Materials Science and Engineering  
 Thesis: Objective forensic analysis of striated, quasi-striated and impressed toolmarks
- Brian Joseph Squitieri *Lambertville, N.J.*  
 B.S. University of Oklahoma  
 Department: Geological and Atmospheric Sciences  
 Major: Meteorology  
 Thesis: WRF forecast skill of the Great Plains low level jet and its correlation to forecast skill of mesoscale convective system precipitation
- Anthony Joseph Stirling *Spring Valley, Ill.*  
 B.S. Illinois State University  
 Department: Agronomy  
 Major: Agronomy
- Bennett Lee Stone *Ames, Iowa*  
 B.S. Iowa State University  
 Department: Graphic Design  
 Major: Human Computer Interaction  
 Thesis: Generating a framework for the evaluation of structural layout preferences within e-commerce websites
- Yaxuan Sun *Xiangyang, China*  
 B.S. Nankai University  
 Department: Statistics  
 Major: Statistics
- ## Andrew David Sundal *Austin, Minn.*  
 B.S. University of Minnesota-Minneapolis  
 M.Arch. Iowa State University  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Structural Engineering)
- Kimberly E. Szcodronski *Ankeny, Iowa*  
 B.S. Iowa State University  
 Department: Ecology, Evolution and Organismal Biology  
 Major: Ecology and Evolutionary Biology  
 Thesis: Assessing population status and identifying key habitat requirements for Parnassius butterflies in Grand Teton National Park, Wyoming

- Melissa Shari Corona Telemeco *Okla.*  
 B.S. University of Central Oklahoma  
 Department: Ecology, Evolution and Organismal Biology  
 Major: Ecology and Evolutionary Biology  
 Thesis: How male attractiveness mediates the effect of an immune challenge on reproductive traits and sickness behavior in the Texas Field Cricket (*Gryllus texensis*)
- Frederick Victor Thompson *Crystal Lake, Ill.*  
 B.S. Iowa State University  
 Department: Mechanical Engineering  
 Majors: Human Computer Interaction and Mechanical Engineering  
 Thesis: Evaluation of a commodity VR interaction device for gestural object manipulation in a three dimensional work environment
- Elliott Benjamin Tibor *Arlington, Va.*  
 B.S. Virginia Polytechnic Institute and State University  
 Department: Aerospace Engineering  
 Major: Aerospace Engineering  
 Thesis: Visualization-based decision support for value-driven system design
- Alexander A. Tsihchlis *Ames, Iowa*  
 B.S. Iowa State University  
 Department: Supply Chain and Information Systems  
 Major: Information Assurance
- Chao Wang *Tianjin, China*  
 B.S. Nankai University  
 Department: Statistics  
 Major: Statistics
- Kim Ni Wang *Ames, Iowa*  
 B.Tech. West Bengal University of Technology-Kolkata  
 Department: Computer Science  
 Major: Computer Science
- Xiaoping Wang *Ames, Iowa*  
 B. Eng. Xian Jiaotong University  
 M. Eng. Xian Jiaotong University  
 M.S. Iowa State University  
 Department: Statistics  
 Major: Statistics
- Xin Wang *Lanzhou, China*  
 B.S. Iowa State University  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Civil Engineering Materials)  
 Thesis: Evaluation of de-icer deterioration of concrete
- Logan Michael Welker *Van Wert, Ohio*  
 B.S. University of Northwestern Ohio  
 Department: Agronomy  
 Major: Agronomy
- Jonathan Michael Wheeler *Centennial, Colo.*  
 B.F.A. Harding University  
 Department: Psychology  
 Major: Human Computer Interaction
- Michael Joseph Wheelock *Ames, Iowa*  
 B.A. Luther College  
 Department: Entomology  
 Majors: Sustainable Agriculture and Entomology  
 Thesis: Insect pollinators in corn and soybean agricultural fields
- Allison L. White *Harrisonville, Mo.*  
 B.S. Truman State University  
 Department: Chemistry  
 Major: Chemistry  
 Thesis: Solid state NMR studies of the location, immobilization and conformation of short chain branches in semicrystalline polyethylene-hexene copolymers
- Julia Whitson *St. Louis, Mo.*  
 B.A. Missouri State University  
 Department: Community and Regional Planning  
 Major: Sustainable Agriculture  
 Thesis: What drives participation in the farm and ranch lands protection program?
- Whitney Mae Wolfe *Stanberry, Mo.*  
 B.S. University of Missouri-Columbia  
 Department: Plant Pathology and Microbiology  
 Major: Seed Technology and Business
- Pengqing Xie *Qingdao, China*  
 B.S. Iowa State University  
 Department: Electrical and Computer Engineering  
 Major: Computer Engineering  
 Thesis: Facial movement based human user authentication
- Minliang Yang *Xiangtan, China*  
 B.E. Henan University of Technology  
 Department: Agricultural and Biosystems Engineering  
 Major: Agricultural and Biosystems Engineering  
 Thesis: Evaluation of low-moisture anhydrous ammonia (LMAA) pretreatment method of lignocellulosic biomass for bioethanol production

Shuo Yang *Lanzhou, China*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Civil Engineering  
Materials)  
Thesis: Health monitoring of pavement  
systems using smart sensing technologies

Edward Richard Zaworski *Ames, Iowa*  
B.S. University of Illinois at Chicago  
Department: Plant Pathology and  
Microbiology  
Major: Plant Pathology  
Thesis: Effects of ILeVO on soybean  
sudden death syndrome and soybean cyst  
nematode

Jianing Zhang *Shenyang, China*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Construction  
Engineering and Management)

Mengzhe Zhang *Shanghai, China*  
B.E. Shanghai University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Path planning for autonomous  
vehicles

Xiaotong Zhang *Beijing, China*  
B.A. Southwest University of Political  
Science and Law  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: The influence of fear and authority  
on psychological reactance: A study  
of the effectiveness of public service  
announcement campaigns on drunk  
driving prevention among college  
students

Ziliang Zhang *Shenzhen, China*  
B.S. Shenzhen University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Construction  
Engineering and Management)  
Thesis: Investigation of an alternative gravel  
roads rejuvenation method

Chen Zhao *Ames, Iowa*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering  
Thesis: Graph-based forensic investigation  
of Bitcoin transactions

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

## BACHELOR OF SCIENCE

### Curriculum in Agricultural and Life Sciences Education

Tessa Rae Callender	Lowden, Iowa	Hannah Catherine Hilsabeck	
Nathan Edward Chambers	Corwith, Iowa		Winterset, Iowa
Deanna Mary Chapman	Monticello, Iowa	Kelley Renee Jamison	Anamosa, Iowa
* Savannah Rae Farrell	Saint Charles, Iowa	LaKoda Ann Kelber	Rhodes, Iowa
*** Lauren Jean Haglund	Boone, Iowa	John Richard Rasty	Lohrville, Iowa
		** Christina Kay Riessen	Schleswig, Iowa
		* Katherine Britton Sennert	Linn Grove, Iowa

### Curriculum in Agricultural Business

Melissa Kay Abrahamson	West Bend, Iowa	Nathan D. Lincoln	Glenwood, Iowa
Jace Daniel Allen	Corydon, Iowa	Bryant William Luers	Keota, Iowa
Benjamin Seth Caltrider	Carroll, Iowa	Dylan Robert Maynard	Smithland, Iowa
Samantha Jo Condon	Clare, Iowa	Cody W. Meyer	Ionia, Iowa
Greg Michael Dudley	Stuart, Iowa	Tyler John Nieland	Auburn, Iowa
Benjamin Douglas Dunlay	Medina, Minn.	Levi Owen Quayle	Forest City, Iowa
Kendall Lee Durkee	Burlington, Iowa	Miriam Joy Rinehart	Boone, Iowa
Adam Matthew Ehlers	Sioux Rapids, Iowa	Ethan Gray Schmaling	Belleville, Wis.
Dillon Curtis Flynn	Wellman, Iowa	Ethan Paul Schmidt	Laurel, Iowa
Johnathan Freeman	Hiawatha, Iowa	** Thomas J. Schutter	Titonka, Iowa
Timothy Joseph Grote	Dunlap, Iowa	Derek Duane Shedenhelm	Lime Springs, Iowa
Kale John Holst	De Witt, Iowa		New Liberty, Iowa
Anthony Paul Hughes	Durant, Iowa	Eric Allen Spickermann	West Branch, Iowa
Bryce Allen Irlbeck	Manning, Iowa	Kathleen Michele Ward	Manson, Iowa
* Clint Reese Kaller	Ottumwa, Iowa	Jenna Bernice Watne	
Blake D. Lehmann	Iowa Falls, Iowa		

### Curriculum in Agricultural Studies

Matthew Lynn Allen	Dumont, Iowa	Brian Joseph Hansen	Clarence, Iowa
Garret Scott Alt	Slater, Iowa	Marshall M. Hay	Lynnville, Iowa
Benjamin James Anderson	Waterloo, Iowa	Briar Alan Holtorf	Pomeroy, Iowa
Melissa Nicole Anstey	Cumberland, Iowa	Eric Scott Johnson	Lake Mills, Iowa
Taylor Robert Assmann	Panama, Iowa	Kristine Marie Kash	Colo, Iowa
Kyle Christopher Bass	Sac City, Iowa	Justin Patrick Kibbie	Emmetsburg, Iowa
Brock William Beadle	Swea City, Iowa	Nick H. Laubscher	Carroll, Iowa
Tanner J. Berry	Sac City, Iowa	Maria Elizabeth McEnany	Nevada, Iowa
* Eric Vincent Brown	West Liberty, Iowa	Nicholas Glen Miller	Jefferson, Iowa
Peter James Buchan	Spencer, Iowa	Bailey Nicole Morrell	Adel, Iowa
Dustin P. Clark	Guthrie Center, Iowa	Nathan John Nall	Corwith, Iowa
Matthew Lewis Dove	Dike, Iowa	Ethan Randall Nannenga	Klemme, Iowa
Brent Donald Drey	Sac City, Iowa	Benjamin A. Offenburger	Chariton, Iowa
Zachary David Farrell	Le Claire, Iowa	Bryan James Rau	Aurora, Iowa
Ryan A. Flagel	Maquoketa, Iowa	Erin Anne Sears	Dysart, Iowa
Colton Jeffrey Furnal	Pleasantville, Iowa	Kendra Rae Vander Leest	Prairie City, Iowa
Jarad Lynn Gaskill	Irwin, Iowa	William Arthur Weis	Mc Intire, Iowa

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

## Curriculum in Agricultural Systems Technology

---

Ashton Ryan Bellah	Des Moines, Iowa	Drew Jacob Lundberg	Fort Dodge, Iowa
** Jordan Duane Colby	Lake Mills, Iowa	Matthew Charles Mahanna	Grimes, Iowa
*** Gabriel S. Domingues	Bettendorf, Iowa	Skylar Thomas Meinecke	Panora, Iowa
Joshua Lee Frush	La Porte City, Iowa	*** Rob A. Mensing	Greenfield, Iowa
Shane Michael Gavin	Lansing, Iowa	Tad Owen Meyer	Ames, Iowa
Mark Thomas Graeve	Ankeny, Iowa	Dustin Joseph Muell	Panama, Iowa
Clark Leland Hall	Montezuma, Iowa	* Tyler Christian Pieken	Lake View, Iowa
Anthony Jacob Hansen	Harlan, Iowa	Brent James Ver Steegh	Oskaloosa, Iowa
Andrew Dean Harris	Perry, Iowa	Andrew Eugene VonEhwegen	Terril, Iowa
Matthew William Johnston	Stanhope, Iowa	Jacob K. Wright	Dunkerton, Iowa
Joshua Steven Langholdt	Denison, Iowa		

## Curriculum in Agronomy

---

Ryan Scott Andresen	Oxford Junction, Iowa	Geoffrey John Moore	Cresco, Iowa
Andrea L. Brown	Tipton, Iowa	Austin David Pottebaum	Bondurant, Iowa
Carolyn Sue Clark	Albia, Iowa	Matthias Schwartzkopf	Whittemore, Iowa
Mitchael Ryan Dunphy	Lacon, Ill.	Alexander Robert Segó	Webster City, Iowa
* Tyler David Hoose	Cedar Rapids, Iowa	Eric Allen Spickermann	New Liberty, Iowa
Dustin Dean Hyde	Clermont, Iowa	Ethan Lee Terrell	State Center, Iowa
Bryce Allen Irlbeck	Manning, Iowa	Adam Dean Tetterton	Washington, N.C.
Dillon Lloyd Jorgensen	Pleasant Hill, Iowa	Jared James Thill	Pleasantville, Iowa
Cecil Kay Knapp	Bloomfield, Iowa	Seth Michael Todd	Columbus Junction, Iowa
Hally Ann Lenzine	Chariton, Iowa	David Zimmerman	Earling, Iowa
David Edward Mlostek Jr.	Bark River, Mich.		

## Curriculum in Animal Ecology

---

Jaron David Balvanz	Cedar Falls, Iowa	Heather M. Milder	Iowa City, Iowa
Nolan Robert Benzing	Gilman, Iowa	Christina Elena Muñoz	West Des Moines, Iowa
Logan Jay Christofferson	Panora, Iowa	Adriana V. Negrón Olivo	San Juan, Puerto Rico
Michael J. Donovan	Pleasant Hill, Iowa	Annamarie N. Oesterreich	Ames, Iowa
Abbey M. Ferguson	Nevada, Iowa	Fatimeh Nadia Razavi	Iowa City, Iowa
Holly Suzanne Fuglsang	Sioux City, Iowa	Joel Martin Schwarzkopf	Wall Lake, Iowa
Aubrey Mae Fuller	Des Moines, Iowa	Daniel John Stark	Nevada, Iowa
Jessica Lynn Heim	West Des Moines, Iowa	Quinn Ethan Wilson	Oakland, Iowa
Emily Susan Highnam	Cedar Falls, Iowa		
Lindsey Jane Holderness	Iowa City, Iowa		

## Curriculum in Animal Science

---

Blake James Bagby	Independence, Iowa	*** Kimberlee Laurel Gerardy	Stillman Valley, Ill.
Sydney N. Beers	Oskaloosa, Iowa	Katherine Leigh Goldsmith	Iowa City, Iowa
** Jordan Nicole Bjustrom	Clarksville, Iowa	Nicole Marie Gould	Ankeny, Iowa
Lauren Jean Blair	Cedar Rapids, Iowa	Staci Marie Hillygus	Marshalltown, Iowa
* Kacie Ann Bodholdt	Newell, Iowa	Hannah Catherine Hilsabeck	Winterset, Iowa
Brent David Boland	Sweet Springs, Mo.	Timothy Michael Johnson	Bellevue, Iowa
Katy Joanne Bruner	West Des Moines, Iowa	Emily Marie Ketelsen	De Witt, Iowa
Natalie Lynn Burr	Eagan, Minn.	Ethan Ray Lambert	Orange City, Iowa
*** Rachel Marie Clemen	New Vienna, Iowa	Erin Jane Laughlin	West Branch, Iowa
Katie Nicole Davis	Brooklyn, Iowa	Tyler D. Leete	Elk Horn, Iowa
Alexandria B. Edwards	Columbus Jct, Iowa	James Hamilton Lewis	Rochester Hills, Mich.
Emma Catherine Farruggio	Hawthorn Woods, Ill.	Savanna Joy Lindgren	Fonda, Iowa
Alyssa Dawn Fitzpatrick	Churdan, Iowa		
** Molly Elizabeth Frank	Dexter, Minn.		

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program



Tylyn Marie Lundquist	<i>Paullina, Iowa</i>	** Grant Bradley Sherrard	<i>Bettendorf, Iowa</i>
Courtney Frances Lytle	<i>Dubuque, Iowa</i>	Shaniel Denise Smith	<i>Exline, Iowa</i>
Trevor D. Martens	<i>Dubuque, Iowa</i>	Haley Ann Stalcup	<i>Prescott, Iowa</i>
Michelle Lynn Maxwell	<i>Ames, Iowa</i>	Capricia Thompson	<i>Jacksonville, Fla.</i>
Mallory Kay McLaughlin	<i>Charlotte, Iowa</i>	Katherine Wilken Tovar	<i>Delafield, Wis.</i>
Lauren Elizabeth Messina	<i>Chicago, Ill.</i>	Chelsea Ann Underwood	<i>Ankeny, Iowa</i>
Danielle Taylor Mordhorst	<i>Sioux City, Iowa</i>	* Cody Lewis Vantiger	<i>Mediapolis, Iowa</i>
Folasade Patricia Oriade	<i>Des Moines, Iowa</i>	** Sarah Ann Weiland	<i>Sheffield, Iowa</i>
Molly Rae Peters	<i>Jewell, Iowa</i>	Jamee Dayle White	<i>Elkhart, Iowa</i>
Hannah Nicole Phillips	<i>Kent, Wash.</i>	Nicolette Elise Wolf	<i>Charles City, Iowa</i>

### Curriculum in Biology

** Nicholas Truman Benge	<i>Indianola, Iowa</i>	Molly Ann Moore	<i>Ames, Iowa</i>
** Emily A. Carstens	<i>Shakopee, Minn.</i>	Kyvonn Alecia Morton	
* Sik-Tat Chung	<i>Hong Kong</i>		<i>St. Thomas, Virgin Islands</i>
Lindsey Rose Conkling	<i>Grinnell, Iowa</i>	* Leisha Marie Neumann	
Ryan Adam Crawford	<i>Cedar Rapids, Iowa</i>		<i>Palmerston North, New Zealand</i>
Emalee Ruth Donaldson	<i>Story City, Iowa</i>	Megan Elizabeth Portis	<i>Nora Springs, Iowa</i>
Kelsey Lynn Eischeid	<i>Carroll, Iowa</i>	Ian Taylor Steil	<i>Cedar Rapids, Iowa</i>
Connor William Hoogheem	<i>Cedar Rapids, Iowa</i>	** Kelsey June Tekippe	<i>Council Bluffs, Iowa</i>
Kyle J. Lindahl	<i>Ruthven, Iowa</i>	Alexandria Pearl Trofimuk	<i>South Elgin, Ill.</i>

### Curriculum in Dairy Science

David Edward Mlostek Jr.	<i>Bark River, Mich.</i>	** Bradley Jerald Zander	<i>Barneveld, Wis.</i>
Emily Grace Simon	<i>Farley, Iowa</i>		

### Curriculum in Dietetics

Karlee Ann Golightly	<i>Waukee, Iowa</i>	Mary Elizabeth Matthews	<i>Holland, Mich.</i>
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### Curriculum in Environmental Science

Anthony Kyle Blake	<i>Long Grove, Iowa</i>	Zachary Charles Schlake	<i>Luana, Iowa</i>
William Andrew Boyd	<i>Toledo, Iowa</i>	Kayla Christine Vance	<i>Davenport, Iowa</i>
* Steven Leonard Locke	<i>Eddyville, Iowa</i>	Derek John Wedemeier	<i>Charles City, Iowa</i>
Deborah C. McDonough	<i>Muscatine, Iowa</i>	Chijie Zhou	<i>Wuxi, China</i>

### Curriculum in Food Science

Jaehae Lee	<i>Daegu, South Korea</i>
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### Curriculum in Forestry

Joseph Dale Allen	<i>Marion, Iowa</i>	* Amy Ann Pollpeter Garza	
Jared Michael Baier	<i>Greenfield, Iowa</i>		<i>Fort Madison, Iowa</i>
Joseph Louis Connelly	<i>Anamosa, Iowa</i>	Kelly Kathryn Mitchell	<i>Ames, Iowa</i>
Brandon P. Davis	<i>Wadena, Iowa</i>	Shane Michael Murphy	<i>Cedar Rapids, Iowa</i>
Brian William Doscher	<i>Salem, Iowa</i>	Kit Alvin Paper	<i>Stanhope, Iowa</i>
Tonya S. Dunsmoor	<i>Adel, Iowa</i>	Shawna Marie Polen	<i>Johnston, Iowa</i>
Ian John Fowler	<i>Windsor Heights, Iowa</i>	Trent Michael Raddatz	<i>Cedar Rapids, Iowa</i>
		Tanner Joseph Scheuermann	<i>Ames, Iowa</i>

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

### **Curriculum in Genetics**

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Michael Todd Elverum	<i>Des Moines, Iowa</i>	Hidajete Suljejmami	<i>Ankeny, Iowa</i>
Daniel Michael Secrist	<i>Olin, Iowa</i>		

### **Curriculum in Global Resource Systems**

---

\* Josephine Elizabeth Ayala *Fort Dodge, Iowa*

### **Curriculum in Horticulture**

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Ramsay Kaneaukai Ah Sam	<i>Bellevue, Neb.</i>	Kyle P. Mc Greevy	<i>Palatine, Ill.</i>
Craig J. Connell	<i>Harlan, Iowa</i>	Spencer William Nelson	<i>Denison, Iowa</i>
Andrew Michael Doyle	<i>Rock Island, Ill.</i>	Russell William Nupnau	<i>Skokie, Ill.</i>
Nicholas Julian Flax	<i>Evanston, Ill.</i>	** Christina Kay Riessen	<i>Schleswig, Iowa</i>
Cody Lee Fox	<i>Carroll, Iowa,</i>	Nathan Anthony Robinson	<i>Atlantic, Iowa</i>
Andrew John Harmsen	<i>Kelley, Iowa</i>	Mariah Marie Romano	<i>Waukee, Iowa</i>
Jonathan David Mahoney	<i>Des Moines, Iowa</i>	Jared Robert Watters	<i>Fort Dodge, Iowa</i>

### **Curriculum in Industrial Technology**

---

Blaine Alan Bierschenk	<i>Shellsburg, Iowa</i>	Curtis Alexander Neff	<i>Durant, Iowa</i>
Tyler S. Bracy	<i>Brooklyn, Iowa</i>	Alexander David Nelsen	
Ja'Markkus Tyrone Evans	<i>Waterloo, Iowa</i>		<i>West Des Moines, Iowa</i>
Joshua Lee Frush	<i>La Porte City, Iowa</i>	* Tyler Christian Pieken	<i>Lake View, Iowa</i>
* Tyler William Gammelgaard	<i>Chaska, Minn.</i>	* Anthony J. Stoll	<i>Camanche, Iowa</i>
Mark Thomas Graeve	<i>Ankeny, Iowa</i>	Christopher Sean Walther	<i>Plymouth, Minn.</i>
Drew Jacob Lundberg	<i>Fort Dodge, Iowa</i>	Kaid Wayne Weideman	<i>Sully, Iowa</i>
Matthew Charles Mahanna	<i>Grimes, Iowa</i>	Ben Lee Wiese	<i>Woodward, Iowa</i>
Matthew Daniel Michel	<i>Ankeny, Iowa</i>		

### **Curriculum in Microbiology**

---

Michelle Nicole Billings	<i>Cedar Rapids, Iowa</i>	Derek John Koebrick	<i>Charles City, Iowa</i>
Eric Christopher Johnson	<i>Arcadia, Iowa</i>	Zachary Beck Schwieso	<i>Adel, Iowa</i>

### **Curriculum in Nutritional Science**

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Maira Elizabeth Hernandez	<i>Nevada, Iowa</i>	Mindy Lynn Sorlien	<i>Dakota City, Iowa</i>
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### **Curriculum in Public Service and Administration in Agriculture**

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Cathleen Marie Clark	<i>Letts, Iowa</i>	Jacob Joseph McCarville	<i>Fort Dodge, Iowa</i>
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\* *Cum Laude*  
\*\* *Magna Cum Laude*  
\*\*\* *Summa Cum Laude*  
† *Honors Program*

## Multiple Curricula and Majors

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\*\* Jacobine M. Aden Palmer, Iowa  
*Environmental Science and Biology*

Caitlin Riley Buswell Marengo, Iowa  
*Agronomy and Horticulture*

\*\*\* Katelyn Marie Carver Shueyville, Iowa  
*Agronomy and Horticulture*

Molly Anne Conway Aledo, Ill.  
*Animal Ecology and Liberal Arts and Sciences:  
Major in Environmental Studies*

Nathaniel Thomas Ferrin Palos Park, Ill.  
*Agricultural Systems Technology and  
Industrial Technology*

Kelley Christine Glanz Manchester, Iowa  
*Public Service and Administration in  
Agriculture and International Agriculture*

Connor Neal Hardison Maquoketa, Iowa  
*Industrial Technology and Agricultural  
Systems Technology*

Karl Dean Henry South Amana, Iowa  
*Industrial Technology and Agricultural  
Systems Technology*

Joshua A. Kokemiller Ames, Iowa  
*Environmental Science and Animal Ecology*

Alexander Nicholas Kuhnen Swan, Iowa  
*Agricultural Systems Technology and  
Industrial Technology*

Ricardo Leanos Des Moines, Iowa  
*Horticulture and Agronomy*

Becker M. Lubben Minnetonka, Minn.  
*Industrial Technology and Agricultural  
Systems Technology*

\*Matthew Mark Meade Mundelein, Ill.  
*Agricultural Business and Agronomy*

Moriah Rose Morgan Corydon, Iowa  
*Global Resource Systems and Environmental  
Studies*

Raymond Ng San Francisco, Calif.  
*Agronomy and Seed Science*

Shelby Rae Pritchard Newton, Iowa  
*Animal Ecology and Biology*

\*\* DeAnn Renee Scott Mt. Pleasant, Iowa  
*Agricultural Business and Public Service and  
Administration in Agriculture*

Cody James Simons Manchester, Iowa  
*Agronomy and Environmental Studies*

\* Wesley W. Sleeper Solon, Iowa  
*Animal Ecology and Biology*

Rory Leigh Smith Durango, Iowa  
*Horticulture and Biology*

Dylan Lee Suhr New Hampton, Iowa  
*Industrial Technology and Agricultural  
Systems Technology*

Amanda Marie von Forell Wheatland, Wyo.  
*Agricultural Business and International  
Agriculture*

\*Matthew Donald Wiese De Witt, Iowa  
*Agricultural Systems Technology and  
Industrial Technology*

Benjamin Conrad Wostoupal Omaha, Neb.  
*Environmental Science and Liberal Arts and  
Sciences: Major in Economics*

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF BUSINESS

## BACHELOR OF SCIENCE

### Major in Accounting

* Katherine Marie Brady	<i>Eden Prairie, Minn.</i>	Margaret Ann Powers	<i>Omaha, Neb.</i>
Ethan James Bruning	<i>Ames, Iowa</i>	Erin Michelle Reger	<i>Ames, Iowa</i>
* Spencer David Bryan	<i>Jamaica, Iowa</i>	Ryan Clifford Sander	<i>Cedar Rapids, Iowa</i>
Alexandra Nicole Cepiel	<i>San Antonio, Tex.</i>	Tyler James Schori	<i>Elgin, Iowa</i>
Carolina Mariel Chavez Guzman	<i>Pleasant Hill, Iowa</i>	Xingru Shi	<i>Hangzhou, China</i>
** Hantao Chen	<i>Chengdu, China</i>	*** Nicole Amber Siegner	<i>Carroll, Iowa</i>
Nuo Chen	<i>Zhejiang, China</i>	* Dylan Treg Sievert	<i>Estherville, Iowa</i>
* Xiaohui Chen	<i>China</i>	Christopher Lee Simmons	<i>West Des Moines, Iowa</i>
* Jessica Spencer Cook	<i>Cherokee, Iowa</i>	Kristen Marie Sorlien	<i>Dakota City, Iowa</i>
Matthew Jon Dohrmann	<i>Holly Springs, N.C.</i>	Collin Scott Sowers	<i>Oakland, Iowa</i>
Jacob Don Foland	<i>Indianola, Iowa</i>	Shelbey Rae Spurgeon	<i>Centerville, Iowa</i>
Kelsey R. Glendenning	<i>Mount Ayr, Iowa</i>	* Feiran Tao	<i>Chengdu Sichuan, China</i>
Kangkang Guo	<i>Huangshi, China</i>	*** Kyle Robert Thompson	<i>West Des Moines, Iowa</i>
Lina Han	<i>Nanjing, China</i>	** Brooke Lynn Upah	<i>Tama, Iowa</i>
* Louis Zhong Zhe Ho	<i>Shah Alam, Malaysia</i>	Alija Vrabac	<i>Des Moines, Iowa</i>
**† Julia Mae Huber	<i>Chanhausen, Minn.</i>	Wenxin Xu	<i>Chengdu, China</i>
Leslie Xiaoxue Li	<i>Ames, Iowa</i>	Xin Xu	<i>Huangshan, Beijing China</i>
Linfoung Sayaxang Ly	<i>Des Moines, Iowa</i>	Yuanyuan Ying	<i>Wenzhou, Zhejiang, China</i>
Katelyn Anna McDermott	<i>Spencer, Iowa</i>	Aobo Zhang	<i>Dalian, China</i>
Rui Min	<i>Chengdu, China</i>	* Kaixuan Zhang	<i>Zhengzhou, China</i>
Skyler R. Mino	<i>Ledyard, Iowa</i>	Qinwen Zhang	<i>Chengdu, China</i>
*** Samuel P. Myers	<i>West Des Moines, Iowa</i>	Yuanyuan Zhao	<i>Nanjing Jiangsu, China</i>
Jueying Ni	<i>Yuyao, China</i>	Jun Zheng	<i>Tian Jin, China</i>
David Michael Olerich	<i>Lake View, Iowa</i>	Jingtai Zhou	<i>Yantai, China</i>
Nathan Marcus Peterson	<i>Lakeville, Minn.</i>		

### Major in Business Economics

Christopher Joseph Costello	<i>New Brunswick, N.J.</i>	Wesley Brett Hamstreet	<i>Ottumwa, Iowa</i>
		Tanya Alyss Kramer	<i>Mason City, Iowa</i>

### Major in Finance

Utotomi Charles Abalu	<i>Abuja, Nigeria</i>	Benjamin Jon Kauffman	<i>Webster City, Iowa</i>
Alyssa Nicole Aldag	<i>Schleswig, Iowa</i>	Evan John Kvittem	<i>Eagan, Minn.</i>
Austin Alec Beebe	<i>Minden, Iowa</i>	* Hao Lei	<i>Chengdu, China</i>
Matthew Samuel Brueggen	<i>Davenport, Iowa</i>	Alyssa Marjorie Lentsch	<i>Clare, Iowa</i>
*† JingJing Cen	<i>China</i>	** Fei Li	<i>Shanghai, China</i>
** Ruohui Matthew Chen	<i>Guang Chang, China</i>	Sanyun Lin	<i>Beijing, China</i>
Siyu Chen	<i>Chengdu Sichuan, China</i>	Tong Liu	<i>Beijing, China</i>
Yiyang Chen	<i>YuLin, China</i>	Cody Wells Lodermeier	<i>West Des Moines, Iowa</i>
Melissa Anne Dibelka	<i>Sidney, Iowa</i>	***† Devin Nathaniel Mabra	<i>Spirit Lake, Iowa</i>
Yueqian Dong	<i>Chengdu, China</i>	Daniel J. Marshall	<i>Pleasant Hill, Iowa</i>
* Michael Marvin Frizell	<i>Webster City, Iowa</i>	Steven Keith McWilliams Jr.	<i>Stevensville, Md.</i>
Lauren Paige Heath	<i>Andover, Minn.</i>	Xin Meng	<i>Taiyuan Shanxi, China</i>
* Louis Zhong Zhe Ho	<i>Shah Alam, Malaysia</i>	Jonathan Alan Miles	<i>Apple Valley, Minn.</i>
**† Julia Mae Huber	<i>Chanhausen, Minn.</i>	* Nur Asilah Farhah Mohd Zakaria	<i>Johor, Malaysia</i>
Derek John Huser	<i>Sac City, Iowa</i>		
Lijun Jin	<i>Jiangyin, China</i>		
Yuheng Jin	<i>Shenzhen, Guangdong China</i>		

\* *Cum Laude*

\*\* *Magna Cum Laude*

\*\*\* *Summa Cum Laude*

† *Honors Program*

Minh H. Nguyen	Ankeny, Iowa	Weyau Seow	Klang, Selangor, Malaysia
Jordan Matthew Olson	Eden Prairie, Minn.	Adam Gerald Sperflage	Edgewood, Iowa
Guanyu Pan	HeFei, China	Kyle William Wagner	Princeville, Ill.
Jacob Guy Powell	Terril, Iowa	* Rui Wang	Tianjin, China
** Jenna Lea Rifner	Ely, Iowa	Hongtao Zhang	Suzhou Jiangsu, China
Kyle Austin Rodgers	Ames, Iowa	Ying Zheng	Wuhan Hubei, China
Kale B. Rogers	Treynor, Iowa	Sunjie Zhou	Changzhou, China
Cody Allen Schultz	Plainfield, Ill.	Ellen Ann Zittergruen	Cedar Rapids, Iowa
** Elizabeth A. Schwarz	Gilbert, Iowa		

## Major in Management

Christianah Y. Abatan	Ames, Iowa	Cody L. Johnson	Ankeny, Iowa
Jacob Arnold Adams	Ames, Iowa	Kaitlin M. Mowry	Clive, Iowa
Keith Anthony Allen	Ogden, Iowa	Mwape Lillian Mwanakatwe	Lusaka, Ethiopia
Joshua Ryan Benton	Collins, Iowa	Bradley James Page	Clive, Iowa
SunJo Alohaokemakua Chang	Westfield, Iowa	Christopher Gilbert Perez	Kalona, Iowa
Chihua Cui	Jinan, China	Patrick Christopher Roe	Eden Prairie, Minn.
Bryan Ray Daxon	Bettendorf, Iowa	Devon John Rook	Sergeant Bluff, Iowa
Denice Marie Cortez Dillavou	Ankeny, Iowa	* Hannah E. Sinclair	Mount Pleasant, Iowa
Dustin Alexander Finley	Brandon, Iowa	Jordan Dean Springer	Algona, Iowa
Kaylee Marie Free	Carlisle, Iowa	Chad Aaron Swenson	Ames, Iowa
Jasenn Raymond Greiner	Dike, Iowa	Kyle David Swenson	Ames, Iowa
Adam Michael Guzan	Orono, Minn.	Marshall James Thorp	Marion, Iowa
Lauren Michelle Jamison	Ames, Iowa	* Chaoguang Xu	Wenzhou Zhejiang, China
Lijun Jin	Jiangyin, China		

## Major in Management Information Systems

Martin P. V. Boehme	Council Bluffs, Iowa	Doan Anh Nguyen	Des Moines, Iowa
Marshall Lee Bricker	Ladora, Iowa	Kelsey Nicole Ranney	Johnston, Iowa
Ivaylo Asenov Chaprazov	Johnston, Iowa	Quinton H. Rau	Council Bluffs, Iowa
Christopher John Degen	Ames, Iowa	Matthew Michael Rucinski	Marion, Iowa
Zhi Wen Ding	Shanghai, China	* Braden Thomas Rupp	Johnston, Iowa
Tyrell James Firman	Ames, Iowa	Michael Shepard	Davenport, Iowa
Dustin Duwayne Fish	Urbandale, Iowa	Kyle Vernon Snider	Reinbeck, Iowa
Wesley Brett Hamstreet	Ottumwa, Iowa	Tanner James Spuzello	West Des Moines, Iowa
Andrew William Henry	Yale, Iowa	Peyton L. Thomas	West Point, Iowa
Bradley James Hoskins	Algona, Iowa	Patrick Anthony Turvin	Phoenix, Ariz.
Tze Yang Lim	Malaysia	Alexander Jay Uhlenberg	Red Oak, Iowa
Tayla Rae Luedtke	Sioux Falls, S. Dak.	Keith Allen Voelker	Toddville, Iowa
Jordan A. Luksetich	Knoxville, Iowa	Joseph J. Wanat	Schaumburg, Ill.
Brandon Felton Mathison	Eagan, Minn.	Nickolaus L. Wilz	Walford, Iowa
Jeffrey Allen McBride	Grimes, Iowa		
Joseph Francis Mercado	Cary, Ill.		

## Major in Marketing

Austin John Alessio	Polk City, Iowa	Mary Elizabeth Lauritsen	Audubon, Iowa
Angela Whitney Arp	Massena, Iowa	Nickolas E. Lucs	West Des Moines, Iowa
* Carrie Lynn Belanger	Dubuque, Iowa	William Joseph Mann	Fort Dodge, Iowa
Cerella Liseth Carlson	Plymouth, Minn.	Aminda J. Ongie	Fairfax, Iowa
Lingmin Dai	Changzhou Jiangsu, China	Eun Jung Park	Pleasant Hill, Iowa
Jinchen Fan	Suzhou Jiangsu, China	Joon Young Park	Yong-In, South Korea
Brian James Gossett	Carroll, Iowa	Courtney Kay Peters	Mason City, Iowa
Morgan Elizabeth Henry	Nevada, Iowa	Carly Marlene Pugil	Eldridge, Iowa
Mallory Jo Katzer	Ankeny, Iowa	Ellen Elizabeth Pyle	Mason City, Iowa
** Sara A. Kinderknecht	Sheldon, Iowa	Brady Mark Reinig	Milford, Iowa
Joshua Michael Kummer	Emmetsburg, Iowa	Devon John Rook	Sergeant Bluff, Iowa
Mikayla Sue La Haye	Edina, Minn.	Clay Henry Schoenrock	Atlantic, Iowa
Kevin Yong-Yao Lai	Penang, Malaysia	Kelly Ann Schumer	Minnetrissa, Minn.

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

Tyler Joseph Scott	Ankeny, Iowa	Rachel Megan Vogel	West Des Moines, Iowa
Jordan Lee Sharp	Norwalk, Iowa	Zachary Aaron Wells	Des Moines, Iowa
* Hannah E. Sinclair	Mount Pleasant, Iowa	Xiaoya Xia	Ames, Iowa
Jay Alan Snyder	Des Moines, Iowa	Mo Yang	Beijing, China
Dana Leigh Szymkowski	Hartland, Wis.	Ryan Jeremy Young	Nevada, Iowa
Brian Paul Tweed	Jefferson, Iowa	Pengfei Yue	Changzhou Jiangsu, China

### Major in Supply Chain Management

Calvin Edward Benson	Apple Valley, Minn.	Joshua Lowell Sager	Reinbeck, Iowa
Chad Michael Curtis	Weldon Spring, Mo.	Steven Joseph Sapienza	Hopkins, Minn.
Tyler Scott Dockstader	Ames, Iowa	Nicholas John Schumacher	Urbandale, Iowa
Corey Alan Ernst	Pleasant Hill, Iowa	David Thomas Speed	Waterloo, Iowa
* Andrew Ethan Galyon	Ames, Iowa	Matthew A. Stoehr	Bettendorf, Iowa
Charles Mark Gordon	Nevada, Iowa	Joseph Tobin Strub	Coralville, Iowa
Bradley John Hagerla	Johnston, Iowa	Wyatt Towns Jr.	Steger, Ill.
Wesley Lowell Henry	Oakland, Iowa	Erin Suzanne Troendle	Waukon, Iowa
Daniel I. Johnston	Coon Rapids, Iowa	Jordan Marie Wright	Jefferson, Iowa
Zachary Charles Lenhart	Ames, Iowa	Mariah Dakota Wright	Waukon, Iowa
Inoussa Moussa	West Des Moines, Iowa	* Alicia Wu Wu	Ames, Iowa
Jianxiang Ng	Ames, Iowa	Andrew Ernest Wuttke	Mason City, Iowa
Sarah Kate Nissen	Rochester, Minn.	Yuan Yuan Zhao	Nanjing Jiangsu, China
Gregory Scott Pelz	Van Meter, Iowa	Jianhua Zheng	Spencer, Iowa
Christopher Siew Yang Poon	Melaka, Malaysia		

### Multiple Curricula and Majors

Kathleen Marie Adams	Bettendorf, Iowa	** Xinying Du	Chengdu Sichuan, China
Accounting and Management Information Systems		Finance and Management Information Systems	
* Sydney Jo Amerman	Mound, Minn.	Austin D. Engle	Le Claire, Iowa
Business Economics and Finance		Management and Marketing	
Emily Ann Andry	Walcott, Iowa	Yi Feng	Shandong, China
Accounting and Marketing		Accounting and Finance	
** Jensen Mae Bogert	Marion, Iowa	Mitchell Joe Hirn	Woodbury, Minn.
Accounting and International Business		Marketing and International Business	
Justen Scott Brown	Kelley, Iowa	Fangrui Hou	Beijing, China
Supply Chain Management and Marketing		Accounting and Finance	
Nathaniel Hogan Bullock	Naperville, Iowa	Matthew Ian Hubbard	Rosemount, Minn.
Supply Chain Management and Liberal Arts and Sciences: Major in World Languages and Cultures(Spanish)		Finance and International Business	
Paul Daniel Bundy	Ankeny, Iowa	*** Gregory James Hunt	Cedar Rapids, Iowa
Marketing and Accounting		Finance and Accounting	
Samantha Skiye Burmeister	Davenport, Iowa	*** David Alexander Irvine	Neenah, Wis.
Marketing and International Business		Management Information Systems and International Business	
Daniel Steven Claussen	Cambridge, Iowa	Bryant Cody Johnson	Atlantic, Iowa
Marketing and Management		Management and Marketing	
Yaqi Cui	Zhengzhou Henan, China	David Robert Jung	DeForest, Wis.
Finance and Marketing		Marketing and Management	
		Hannah Ellen Kalmes	Burnsville, Minn.
		Marketing and International Business	

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

- Miryeoi Lee Managua, Nicaragua  
*Marketing and Liberal Arts and Sciences: Major in World Languages and Cultures(Spanish)*
- Mingying Lu Wezhou, China  
*Accounting and Finance*
- Kexin Ma Beijing, China  
*Finance and Supply Chain Management*
- Kyle M. Martin Ames, Iowa  
*Supply Chain Management and Management*
- Ross Bradley Maurer Spencer, Iowa  
*Finance and Management*
- Rebecca Ann Miner Urbandale, Iowa  
*Supply Chain Management and Management Information Systems*
- Argentina Imelda Montano Perry, Iowa  
*Management, Marketing, and International Business*
- Kain Markus Nanne Clive, Iowa  
*Marketing and Management Information Systems*
- Kory Andrew Nystrom Burlington, Iowa  
*Management and Marketing*
- Michael Clayton Olson Geneva, Ill.  
*Management, Environmental Studies, and Marketing*
- Ryan Anthony Pick Orange City, Iowa  
*Accounting and Finance*
- \* Danielle D. Price Creston, Iowa  
*Management and Marketing*
- Clayton Lee Richey West Des Moines, Iowa  
*Management Information Systems and Supply Chain Management*
- \*\* Brian Thomas Rieger Campton Hills, Ill.  
*Accounting and Management Information Systems*
- Charlotte Ann Roscoe West Des Moines, Iowa  
*Accounting and Management Information Systems*
- \* Erik Robert Sandahl West Des Moines, Iowa  
*Management Information Systems and Liberal Arts and Sciences: Major in Political Science*
- Logan R. Shallenberger Chaska, Minn.  
*Management Information Systems and Accounting*
- \* McKinzie Leigh Soderstrum Roland, Iowa  
*Management and International Business*
- \* Logan C. Thompson Minooka, Ill.  
*Supply Chain Management and Management*
- Calee M. Underwood Lone Rock, Iowa  
*Supply Chain Management and Marketing*
- Alexis M. Van Overbeke Forest City, Iowa  
*Accounting and Finance*
- Kyler Lee Vande Berg Harlan, Iowa  
*Marketing and Management*
- Jeffrey James Vathing Plymouth, Minn.  
*Supply Chain Management and Marketing*
- Hannah Marie Walker Waverly, Iowa  
*Marketing and International Business*
- Marisa Jean Watson Woodbury, Minn.  
*Marketing and International Business*
- Xi Wu Chengdu Sichuan, China  
*Supply Chain Management and Management Information Systems*
- \* Yunhao Yang Shenzhen, China  
*Finance and Accounting*
- \*\* Mengting Ye Ames, Iowa  
*Accounting and Supply Chain Management*
- \*\* Kelsey Marie Youngblut Oskaloosa, Iowa  
*Management and Supply Chain Management*
- \*\* Qianxuan Yun Xi'an, China  
*Accounting and Management Information Systems*
- \* Jingyuan Zhang Zhengzhou, China  
*Accounting and Management Information Systems*
- Xiaoyun Zhang Chengdu, China  
*Accounting and Finance*

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

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

## BACHELOR OF ARCHITECTURE

### Curriculum in Architecture

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* Tianyu Feng	Lanzhou, China	Brandon Tsubasa Persson	Okinawa, Japan
* Zitong Feng	Lanzhou, China	Gladys Salazar	Primghar, Iowa
Shayan Gharagozlu	Round Lake Beach, Ill.	Dillon Floyd Weitl	Carroll, Iowa
** Mohammed Khesroh	State of Kuwait	Jason William Zeman	Mundelein, Ill.
* Yuan Liu	Taiyuan, China	Xuanchen Zhang	Shanghai, China
Ishani M. Pandya	Mountain View, Calif.		

### Multiple Curricula and Majors

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Ashley Marie Wire	Woodbury, Minn.	Maria I. Torres	Nevada, Iowa
Architecture and Liberal Arts and Sciences: Major in Environmental Studies		Art and Design and Business: Major in Marketing	

## BACHELOR OF DESIGN

### Curriculum in Design

---

Kyle J. Brumm	Cedar Rapids, Iowa	Austin Anthony Minnihan	Ames, Iowa
Tyler Allen Frahm	Gowrie, Iowa	Brandi Jo Webber	Des Moines, Iowa
Cara Ann Jacobsen	Council Bluffs, Iowa		

### Multiple Curricula and Majors

---

Samuel L. Bassman	West Des Moines, Iowa
Design and Liberal Arts and Sciences: Major in Environmental Studies	

## BACHELOR OF FINE ARTS

### Curriculum in Integrated Studio Arts

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Kelcey Nicole Loges	Farmington, Iowa	Teresa A. Ward	Ryan, Iowa
Tucker Ryan Smith	Urbandale, Iowa	Reed Edward Wu	Ames, Iowa
Ian Dale Van Schepen	Arnolds Park, Iowa		

### Curriculum in Interior Design

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Hannah Lynne Anfinson	Lawton, Iowa	* Mary Nell Gould	Colorado Springs, Colo.
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### Multiple Curricula and Majors

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Taylor Marie Buckley	Marion, Iowa
Graphic Design and Liberal Arts and Sciences: Major in English	

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



# BACHELOR OF INDUSTRIAL DESIGN

## Curriculum in Industrial Design

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** Adam Curtis Carlson	Ankeny, Iowa	Benjamin Hawkeye Sissel	
Scott Ryan McBride	Omaha, Neb.		Cedar Rapids, Iowa
		* Stephanie A. Venjohn	Robins, Iowa

# BACHELOR OF LANDSCAPE ARCHITECTURE

## Curriculum in Landscape Architecture

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Jordan Michael Garvey    Des Moines, Iowa

# BACHELOR OF SCIENCE

## Curriculum in Community and Regional Planning

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Salem Al Junaibi		Thomas W. Leininger	Kasson, Minn.
	Al Ain, United Arab Emirates	Ryan Joseph McKinley	Williamsburg, Iowa
Yaser Mubarak Al Mazrouei		Christopher William Meeks	
	Abu Dhabi, United Arab Emirates		Davenport, Iowa
* Molly R. Carpenter	Littleton, Colo.	Paul Joesph Ring	Hawthorn Woods, Ill.
Xin Cui	Chongqing, China	Cory Allan Wendel	Charles City, Iowa
Trevor L. Gearhart	West Des Moines, Iowa		

## Multiple Curricula and Majors

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\*\* Corrine Nicole Villim    Sioux City, Iowa  
Community and Regional Planning and  
Liberal Arts and Sciences: Major in  
Environmental Studies

\* 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

Alex Stephen Bakken	Apple Valley, Minn.	David Kis	Northfield, Ill.
*† Robert William Beres	Libertyville, Ill.	Jonathan Ray Mitchell	El Paso, Tex.
Jonathan A. Bristol	Richland Center, Wis.	Joseph Patrick Moellers	Ainsworth, Iowa
Chee Yong Chong	Melaka, Malaysia	Ariff Hamzah Muhamad	Cheras, Malaysia
Alexander James Christensen	Lino Lakes, Minn.	* Yuseong Nam	Anyang-Si, Korea
Jason P. Cotter	Des Moines, Iowa	Joseph Christopher Norris	Red Oak, Iowa
Matthew Lee Decker	Davenport, Iowa	** Eric Lee Peters	Reinbeck, Iowa
Samantha Rose Dugan	Medina, Minn.	* Leon Sardi	Cali, Colombia
Anne Elizabeth Glasker	Lawrence, Kans.	Benjamin Hawkeye Sissel	Cedar Rapids, Iowa
* Nicolas Thomas Robert Goodwill	Fort Madison, Iowa	Eric Hampton Upchurch	Glendale Heights, Ill.
Kyle Jon Halom	Superior, Wis.	** Dennis John Van Woert	Urbandale, Iowa
William Ted Harding	Blue Springs, Mo.	*** Jared D. Weaver	Moville, Iowa
*** Ryan L. Hupp	Ely, Iowa	Kenny Woo	Penampang, Malaysia
Matthew Scott Kellen	Ham Lake, Minn.		

### Curriculum in Agricultural Engineering

Eric Christopher Allen	Moline, Ill.	Garret Dean Johnson	Stratford, Iowa
Jacob E. Carlson	Odebolt, Iowa	Steven Michael Schock	Bloomfield, Iowa
Eric Iven Chaplin	Milton, Iowa	* Joshua Patrick Slaney	Barneveld, Wis.
* Jared Vincent Dolch	Elliott, Iowa	Andrew Donald Sprangers	Menasha, Wis.
** Jason Gregory Herbers	New Vienna, Iowa		

### Curriculum in Biological Systems Engineering

Patrick C. Kelly	Fonda, Iowa	Megan Elizabeth Scott	Grimes, Iowa
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### Curriculum in Chemical Engineering

*** Joseph Edward Arentson	Harlan, Iowa	Paige N. Mattes	Bedford, Iowa
Collin E. Coon	Blair, Neb.	Renee Marie Megchelsen	Ainsworth, Iowa
Abdul Adil Daoud	Iowa City, Iowa	Brandon Jon Mikel	Grinnell, Iowa
Casey Michael Frank	Adel, Iowa	* Bjorn James Natwick	Woodbury, Minn.
Mark Gunnar Gronlund	Channahon, Ill.	*** Hannah Marie Pinnt	Omaha, Neb.
* Ali Imran	Ames, Iowa	* Andrew Michael Radencich	Wheaton, Ill.
Mohd Khairi Ismail	Terengganu, Malaysia	Justin Keith Runge	Peoria, Ill.
Peter F. Joers	Riverdale, Iowa	Bryan R. Schmidt	Cedar Rapids, Iowa
Nicole Jeanette Johnson	Neola, Iowa	William A. Scrimgeour IV	Eden Prairie, Minn.
* Ryan James Jones	Orland Park, Ill.	Sarah Katherine Sutter	Ankeny, Iowa
** Christine Anne Leise	Omaha, Neb.	Craig Michael Waldschmitt	Johnston, Iowa
Han Li	Beijing, China	Jason Daniel Wheat	Ely, Iowa
** Mingda Luo	Yuyao, China	Sheen Rhu Yeo	Klang, Malaysia
Jordan E. Mandernach	Adel, Iowa	Yi Zhong	Wuhan, China
Vernon Joseph Mascarenhas	Doha, Qatar		

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

## Curriculum in Civil Engineering

Salem Al Junaibi	Al Ain, United Arab Emirates	Ruixi Li	Chengdu, Sichuan, China
Zaid Alsamawi	Iowa City, Iowa	Jason Allen Malecha	Northfield, Minn.
Nicholas J. Appel	Plano, Tex.	*** Carlie Lynn Mander	Honey Creek, Iowa
Brooke Ann Baschke	Spencer, Iowa	* Nicholas David Manke	Hillsboro, Wis.
Patricia Marie Buck	West Bend, Wis.	Brian Robert Meyer	Creston, Iowa
Clayton A. Burke	Decorah, Iowa	Matthew Timothy Moore	Fairfax, Iowa
Christopher Thayer Calhoun	Windsor Heights, Iowa	** Evan James Murphy	Clarion, Iowa
Tyler Benjamin Cline	Bettendorf, Iowa	Travis Michael Novotny	Clive, Iowa
Brion Niquan Coleman	Atlantic City, N.J.	* Li Ying Ong	Malaysia
Chelsea Elaine Czapla	Cahokia, Ill.	** Travis Jack Pearl	Maplewood, Minn.
* Bryan A. Dannen	Mason City, Iowa	Kyle Douglas Peterson	Crystal Lake, Ill.
Matthew Joseph Dunlop	Geneva, Ill.	Robert J. Prohaska	Bartlett, Ill.
*** Corey Joseph Erickson	Sergeant Bluff, Iowa	Angelina Mikhaylovna Prokudina	Khabarovsk, Russia
Zachary John Eskrich	Verona, Wis.	Qiwen Qiu	Shenyang, Liaoning, China
Erik James Frankenhoff	Quincy, Ill.	Joshua Ian Sablan	Belleville, Ill.
Douglas C. Guthridge	What Cheer, Iowa	Alexander Thomas Schlader	Charles City, Iowa
* Nathaniel J. Hackbarth	Marion, Iowa	Ryan Joel Singer	Chicago Ridge, Ill.
* Jacob Lynch Hagan	Bayard, Iowa	Branden Wayne Stubbs	Pleasant Hill, Iowa
** Bobbie Jo Heimberg	Des Moines, Iowa	Ning Su	Tianjin, China
Christopher Dean Heimgartner	Lake Ozark, Mo.	*** Mohan Sun	Wuhan, Hubei, China
* Alexander James Himschoot	Dillingham, Alaska	Dax Michael Suntken	Cedar Rapids, Iowa
Hua Huang	Gan Zhou, China	Jun Tao	Lanzhou, Gansu, China
Pengyang Huo	Beijing, China	** Michael John Wahlert	Van Meter, Iowa
Hamza Aziz Shahid Janjua	Larchmont, N.Y.	Ziyu Wang	Lanzhou, Gansu, China
* Aaron Conrad Jarosh	Ankeny, Iowa	* Logan Marshall Wells	Ankeny, Iowa
Eric M. Jones	Sioux City, Iowa	* Yang Yang	Chonging, China
Alexander Ernest Krist	Bettendorf, Iowa	Qiyang Yin	Tianjin, China
Christina Jean Larranaga	Vadnais Heights, Minn.	Qihua Zhang	Shenzhen, Guangdong, China
		Kun Zhao	Lanzhou, Gansu, China

## Curriculum in Computer Engineering

Mohammed Al Kaabi	Abu Dhabi, United Arab Emirates	John Wesley Harding	Cary, Ill.
Alex Lane Bailey	Muscatine, Iowa	Cole Steven Hoven	Toeterville, Iowa
Bilal Besic	West Des Moines, Iowa	Alec Ronald Johanson	Lakeville, Minn.
Fabian Andres Briesmoore	Davenport, Iowa	Kyle Alan Berns Johnson	West Des Moines, Iowa
Joshua Robert Carritt	Denison, Iowa	Charles Joseph Mankin	Atkins, Iowa
Riley Craig Chapleau	Tipton, Iowa	Trevor Joseph McCormack	Cedar Falls, Iowa
Adam George Daniel	Gurnee, Ill.	Yehoshua Simcha Meyer	Miami, Fla.
* Paul Joshua Danner	Broomfield, Colo.	Rajane H. Patel	Ankeny, Iowa
** Kevin John Engel	Cary, Ill.	Michael J. Potter	Davenport, Iowa
Brian John Forsberg	Shoreview, Minn.	Timothy Thomas Rash	Marshalltown, Iowa
Taylor G. Gehling	Carroll, Iowa	Jacob Alan Roman	Cedar Rapids, Iowa
Alec Walter Gleason	Naperville, Ill.	Adam Martin Sunderman	Nodaway, Iowa
Philip Robert Goodman	Lees Summit, Mo.	Bryce Marcus Wilson	Shell Rock, Iowa
Austen Caddes Gregor	Highlands Ranch, Colo.	Andrew D. Wirtz	Nevada, Iowa
** Alex Ross Grieve	Urbandale, Iowa	Nathaniel Pierce Young	Le Mars, Iowa

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

## Curriculum in Construction Engineering

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Daniel James Carlson	<i>Geneva, Ill.</i>	Caleb Arnold Prohaska	<i>Garner, Iowa</i>
Robert Michael Conrad	<i>Holy Cross, Iowa</i>	Joel Danial Robinson	<i>Pleasant Hill, Iowa</i>
***Jerad Thomas Croghan	<i>Manilla, Iowa</i>	Sean Christian Sample	<i>West Des Moines, Iowa</i>
Joel D. DeGrave	<i>Lake Villa, Ill.</i>	** Jacob Robert Schaefer	<i>Guernsey, Iowa</i>
Nicholas Adam Donlin	<i>Ottumwa, Iowa</i>	Trey William Seiser	<i>Blairsburg, Iowa</i>
Kirk Raymond Funfar	<i>Coon Rapids, Minn.</i>	Colin Dean Shriver	<i>Ames, Iowa</i>
Andrew Russell Healey	<i>Bettendorf, Iowa</i>	Luke Godfrey Snyder	<i>Whiting, Iowa</i>
Jordan J. Hutcheson	<i>Morning Sun, Iowa</i>	Sawyer Joseph Stecher	<i>Clarion, Iowa</i>
Jonathan Ray Jensen	<i>West Des Moines, Iowa</i>	Jacob Brian Sterk	<i>Johnston, Iowa</i>
** Andrew Michael Lensch	<i>Durant, Iowa</i>	Levi Richard Stevenson	<i>Cascade, Iowa</i>
Jacob M. Luesebrink	<i>Sioux City, Iowa</i>	Gavin R. Walhovd	<i>Adair, Iowa</i>
John E. Meyer	<i>Saint Paul, Minn.</i>	Kyle Matthew Wilkins	<i>Ames, Iowa</i>
Robert Milton Olson	<i>Postville, Iowa</i>		
Allen Robert Paczynski	<i>Northlake, Ill.</i>		

## Curriculum in Electrical Engineering

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** Joshua Alan Abbott	<i>Cedar Rapids, Iowa</i>	* Joseph Michael Pins	<i>Farley, Iowa</i>
David-Paul Stefon Daniel Essic Adeola	<i>Grandview, Mo.</i>	Nikhil Reddy Purma	<i>Hyderabad, India</i>
Hamad Mohamed Almutawa	<i>Abu Dhabi, United Arab Emirates</i>	Jikang Qu	<i>Hefei City, Anhui, China</i>
Jared Reid Anderson	<i>Lexington, Minn.</i>	Nicholas F. Rodriguez	<i>Guaynabo, Puerto Rico</i>
Derek L. Augustyn	<i>Garnavillo, Iowa</i>	Rehman Muhammad Shahzad	<i>Lahore, Pakistan</i>
Matthew W. Bogenschultz	<i>Lake Elmo, Minn.</i>	Cheng Song	<i>Qingdao, China</i>
Chen Cheng	<i>Shanxi, Taiyuan, China</i>	* Tori Elizabeth Sorensen	<i>Corning, Iowa</i>
** Jeremy Jay Evans	<i>Des Moines, Iowa</i>	Jingxuan Sun	<i>Dalian, Liaoning, China</i>
William Joseph Franey III	<i>Saint Louis, Mo.</i>	Seth Douglas Taylor	<i>Davenport, Iowa</i>
John William Hanke	<i>Stacyville, Iowa</i>	Brianna Christine Tegeler	<i>Clinton, Iowa</i>
Chi Hoe How	<i>Kuala Lumpur, Malaysia</i>	Alexander Ray Truman	<i>Prescott, Iowa</i>
Alec R. Jahnke	<i>Plymouth, Minn.</i>	Spencer Kyle Ulven	<i>Sergeant Bluff, Iowa</i>
Jeremiah Lawrence Janssen	<i>Vinton, Iowa</i>	Abhishek Kalyan Vemuri	<i>West Des Moines, Iowa</i>
Kang Hee Lee	<i>Seoul, South Korea</i>	Shengbo Zhang	<i>Ningbo, Zhejiang, China</i>
Muzi Li	<i>Beijing, China</i>	Zeyu Zhang	<i>Shijiazhuang, China</i>
Ahmad Muaz Mohd Khairi	<i>Selangor, Malaysia</i>	Kaiyue Zheng	<i>Xi'an, China</i>
Sean M. Nichols	<i>Boone, Iowa</i>		

## Curriculum in Industrial Engineering

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Robert Carroll Bolster III	<i>Oswego, Ill.</i>	Natalie Paige Richardson	<i>Naperville, Ill.</i>
Carly Ann Bormann	<i>Charlotte, Iowa</i>	Thomas Walter Rippenkroeger	<i>Fort Madison, Iowa</i>
Ashley Ann Bye	<i>New Brighton, Minn.</i>	Megan Ashley Rudd	<i>Crystal Lake, Ill.</i>
Blake A. Campbell	<i>Ankeny, Iowa</i>	Gulshan Rajjak Shaikh	<i>Nashik, Maharashtra, India</i>
Gavin Chong Wei Cheng	<i>Bayan Lepas, Penang, Malaysia</i>	Kayla Marie Soliday	<i>Elkader, Iowa</i>
Alain P. Gilles	<i>Bettendorf, Iowa</i>	* Alexandria Lain Stewart	<i>Marshalltown, Iowa</i>
*** Matthew Daniel Goiffon	<i>Cedar Rapids, Iowa</i>	*** Aaron David Swailes	<i>Columbus Junction, Iowa</i>
Nathan Alan Guetzko	<i>Dubuque, Iowa</i>	Bryan Yen Szen Tok	<i>Port Dickson, Negeri Sembilan, Malaysia</i>
William Andrew Higgins	<i>Cary, Ill.</i>	Nikolas Robert Tomassoni	<i>Hastings, Minn.</i>
Ashrith Arya Kothapalli	<i>Hyderabad, India</i>	Benjamin Michael Warrick	<i>Urbandale, Iowa</i>
Ross Andrew Larson	<i>St. Paul, Minn.</i>	Alice Elizabeth Wood	<i>Massena, Iowa</i>
Kellie Ann McGrath	<i>Crystal Lake, Ill.</i>	Yusuf Yigit	<i>Safat, Kuwait</i>
* Joshua James Montgomery	<i>Dubuque, Iowa</i>		
Ryan Patrick Mulqueeny	<i>Chaska, Minn.</i>		
Sam Andrew Puent	<i>Rochester, Minn.</i>		
Thilina V. Ratnayake	<i>Colombo, Srilanka</i>		

\* *Cum Laude*

\*\* *Magna Cum Laude*

\*\*\* *Summa Cum Laude*

† *Honors Program*

## Curriculum in Materials Engineering

Patrick Joseph Ahern	Peoria, Ill.	Tyler Andrew Hass	Van Horne, Iowa
Danielle Marie Carda	Humboldt, Iowa	* Victor Hock Leng Lee	Subang Jaya, Malaysia
* Nathan Arthur Dunlap	North Liberty, Iowa	Tyler Christian Schlueter	Marion, Iowa
Benjamin L. Hagarty	Cedar Rapids, Iowa	Eric Henry Schultz	Pine Springs, Minn.

## Curriculum in Mechanical Engineering

Jeffrey D. Adkins	Belvidere, Ill.	* Michael R. Huston	Boone, Iowa
Khalid Salem Alakbari	Abu Dhabi, United Arab Emirates	Adam Michael Jacobi	Shellsburg, Iowa
Emily Marie Alexander	Des Moines, Iowa	Tyler Louis Jones	White Bear Lake, Minn.
Thor Jarrod Anderson	Bondurant, Iowa	Ian Daniel Jun	Omaha, Neb.
Ryan Paul Bachman	Clarence, Iowa	* Kathleen Anne Kennedy	Des Moines, Iowa
Kathryn May Baringer	Lawrence, Kans.	Christian David Kersey	Adel, Iowa
Christopher Gomes Basil	Kuching, Malaysia	Tonye W. Kolokolo	Des Moines, Iowa
Adam Lloyd Berquist	Medicine Lake, Minn.	*** Dillon John Kramer	Earling, Iowa
Adam Cornell Birnbaum	Plymouth, Minn.	** Adam Richard Lawrence	Carlisle, Iowa
Alexandra M. Black	Des Moines, Iowa	Ngoc Bao Le	Davenport, Iowa
Gregory Leon Bott	Clinton, Iowa	Moon Sub Lee	Wonju, South Korea
* Jordan Phillip Boyenga	Waterloo, Iowa	Yang Li	Wuhan, China
** Nathan Todd Brace	Defiance, Iowa	Sanel Lisinovic	Ankeny, Iowa
** Alec Charles Brown	Fremont, Neb.	*** Kin Gwn Lore	Subang Jaya, Malaysia
* Michelle Marie Brus	Walcott, Iowa	Chad Albert Lundberg	Cedar Rapids, Iowa
* Eric Ray Campbell	Robins, Iowa	Brett William Lyons	Davenport, Iowa
Ricardo Canahui	Muscatine, Iowa	Michael Jeffery Maben	Winterset, Iowa
** Adam Curtis Carlson	Ankeny, Iowa	Keenan Robert Mahoney	Hoffman Estates, Ill.
* Bradley Alan Caslavka	Dallas, Tex.	Thomas Edward Martens	Winterset, Iowa
Albert Kok Wei Cheah	Penang, Malaysia	David S. Mayer	Grimes, Iowa
Tyler James Christensen	Waterloo, Iowa	Kevin Joseph McCants	Glenview, Ill.
Taylor N. Clark	Geneva, Ill.	Killian C. McInerney	Adel, Iowa
Lindsay C. Coons	Greenwood Village, Colo.	Bryce A. McIntyre	Fort Dodge, Iowa
Matthew William Couri	Maple Grove, Minn.	Keith Nathanael Nehring	Madrid, Iowa
Callie Rose Danielson	Fort Worth, Tex.	** Michael James Newman	Dubuque, Iowa
Aaron Matthew Darnell	Gowrie, Iowa	Benjamin Peter Nowak	Phillips, Wis.
Matthew Ron Dickinson	Council Bluffs, Iowa	Jacob William O'Donnell	Batavia, Ill.
Cameron Keith Dietrich	Williamsburg, Iowa	Samuel David Oanes	Forest City, Iowa
* David Tuan Doan	Chanhausen, Minn.	*** George Theng Ching Ooi	Johor Bahru, Malaysia
Charles T. Eagle	Rock Island, Ill.	Mosab Mohamed Osman	Cedar Rapids, Iowa
Matthew Lee Etheridge	Chaska, Minn.	Andrew Gordon Owens	Webster City, Iowa
* Tanner Joseph Farley	Runnells, Iowa	* Andrew J. Patience	Cedar Rapids, Iowa
Arnold James Fisher	Roselle, Ill.	Rajeendra Lakruwan Pematilaka	Galle, Sri Lanka
Dong Gao	Zhengzhou, Henan, China	Brett Jason Pollock	Ames, Iowa
Roberto Jesus Garcia	Anaheim, Calif.	Aleksander J. Poniatowski	Crystal Lake, Ill.
* Jeremy Thomas Gillam	Le Claire, Iowa	* Maclean Michael Potts	Woodbury, Minn.
Marcus Gunter Graefenhain	Naperville, Ill.	Erik Thomas Rasmussen	Saint Charles, Ill.
** Brandon Lee Gross	Keokuk, Iowa	** Robert J. R. Reding	Lakeville, Minn.
Kyle T. Grote	Cedar Rapids, Iowa	Joshua Lee Renner	Burnsville, Minn.
Sang Soo Ha	Hwasung, South Korea	Ryan M. Roberts	Peoria, Ill.
Adam Kenneth Hamrick	Lakeville, Minn.	* Maria Ann Rygh	Bayport, Minn.
Isaac J. Hanson	Hampton, Iowa	Mark A. Sanocki	Hudson, Wis.
Michael Scott Harris	Muscatine, Iowa	Brent Mathew Schelske	Redfield, S. Dak.
Kyle Hausladen	New Germany, Minn.	*** Bryan Edward Schiefelbein	Hastings, Minn.
** Nathaniel D. Haut	Madison, Wis.	* Anthony Paul Schimek	Le Mars, Iowa
Derrick Tyler Hill	Overland Park, Kans.	* Alan Jacob Schluetter	New Hampton, Iowa
* Alexander James Himschoot	Dillingham, Alaska	Megan Elizabeth Scott	Grimes, Iowa
** Amanda Lynn Hudson	Clive, Iowa	Christian Thomas Shannon	Grove, Minn.
Luke Aaron Huggins	Fort Dodge, Iowa		

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

Gregory Elden Shaw	Ames, Iowa	Bryce David Uitermarkt	Long Grove, Iowa
Brent Gregory Smith	Janesville, Iowa	Benjamin Daniel Venturi	Lake Villa, Ill.
*** Shubang Sridhar	Chennai Tamil Nadu India	Ryan Nathan Weber	Manchester, Iowa
Jason Michael Stirm	Oelwein, Iowa	Dillon J. Wirth	Hutchinson, Minn.
Brian Richard Sund	Palatine, Ill.	Kwang Shiong Wong	Kluang, Johor, Malaysia
Nathaniel Emerson Taylor	Peoria, Ill.	Austin David Wright	West Des Moines, Iowa
Javier Tello Guillen	Des Moines, Iowa	Jianan Wu	Taiyuan, China
Yan Tian	Xuzhou, China	** Letian Yang	Luoyang, Beijing, China
Peter Chan Toy	North St Paul, Minn.	Steven Michael Zimmerman	Treynor, Iowa
Nathan Alan Turk	Polk City, Iowa		
Jared Michael Turner	Knoxville, Iowa		

## Curriculum in Software Engineering

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Alyssa Ann Barnes	Maple Lake, Minn.	Jack Royal Kohn	Cedar Rapids, Iowa
** James Dewey Boddie Jr.	Bettendorf, Iowa	** Jonathon William Saunders	Bondurant, Iowa
Cyle Joseph Dawson	Guthrie Center, Iowa	Kyle Jon Schilling	Charles City, Iowa
Jeremy J. Dubansky	Cumming, Iowa	Christopher R. Tedford II	Cumberland, Iowa
Divyang Joshi	Maun, Botswana		

## Multiple Curricula and Majors

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Thomas James Croghan	Alton, Iowa	Fanyi Meng	Baotou, China
<i>Chemical Engineering and Liberal Arts and Sciences: Major in Mathematics</i>		<i>Chemical Engineering and Liberal Arts and Sciences: Major in Mathematics</i>	
Yu Cui	Shijiazhuang, Hebei, China	** David J. Murray	Eagan, Minn.
<i>Mechanical Engineering and Business: Major in Management</i>		<i>Mechanical Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (German)</i>	
Connor Patrick Jennings	Homewood, Ill.	Rachel Christine Schmidt	Waukee, Iowa
<i>Industrial Engineering and Liberal Arts and Sciences: Major in Economics</i>		<i>Materials Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (German)</i>	
Astrid Lederhaas	Clive, Iowa	Michael Donald Stinn	Atlantic, Iowa
<i>Industrial Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)</i>		<i>Industrial Engineering and Liberal Arts and Sciences: Major in Economics</i>	
Jesse William Leonard	Bettendorf, Iowa	* Ryan Douglas Tucker	Ames, Iowa
<i>Mechanical Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (German)</i>		<i>Mechanical Engineering and Liberal Arts and Sciences: Major in Mathematics</i>	

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

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF HUMAN SCIENCES

## BACHELOR OF SCIENCE

### Curriculum in Apparel, Merchandising, and Design

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Morgan Marie Allen	<i>Atlantic, Iowa</i>	** Sara A. Kinderknecht	<i>Sheldon, Iowa</i>
Monica Alonso	<i>Marshalltown, Iowa</i>	Haley Gabrielle Kruchten	<i>Waconia, Minn.</i>
Ashley Sue Bengtson	<i>Wall Lake, Iowa</i>	Sophia Liu	<i>Cypress, Tex.</i>
Erin Elizabeth Bennett	<i>Windsor Heights, Iowa</i>	Tenisha Ty Matlock	<i>North Platte, Neb.</i>
* Shannon Sarah Boyle	<i>Reinbeck, Iowa</i>	Hillary Rose Morse	<i>Akron, Iowa</i>
Kaycee Corrine Brisby	<i>Ankeny, Iowa</i>	** Natasha A. Ratzlaff	<i>Des Moines, Iowa</i>
Kirsten Joan Claerhout	<i>Indianola, Iowa</i>	* Ashley Jayne Schonberg	<i>Cedar Rapids, Iowa</i>
Raina Marie Edel	<i>Marshalltown, Iowa</i>	Sarah Ann Schreiner	<i>Atlantic, Iowa</i>
Caitlin Ann Farmer	<i>Naperville, Ill.</i>	* Alexandria Jane Schuett	<i>Le Mars, Iowa</i>
* Stephanie Alexandria Gaul	<i>Worthington, Iowa</i>	Catherine Ann Vazquez	<i>Maquoketa, Iowa</i>
Amber Lynn Hain	<i>Paullina, Iowa</i>	Morgan Lee Welp	<i>Ventura, Iowa</i>
Hayley Shea Hays	<i>Cedar Rapids, Iowa</i>	* Megan Kay Williams	<i>Marion, Iowa</i>
		Mengzi Yu	<i>Hangzhou, China</i>

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

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** Anna Michelle Baumgartner	<i>Ames, Iowa</i>	Hannah Grace Miller	<i>Newton, Iowa</i>
* Haley Margaret Beaver	<i>Johnston, Iowa</i>	Katey Mae Molka	<i>Des Moines, Iowa</i>
Samantha Jean Buckstead	<i>Hurley, S. Dak.</i>	** Anna Kaitlin Nystul	<i>Chanhausen, Minn.</i>
Tiatra Li Victoria Foss	<i>Marion, Iowa</i>	Amanda P. O'Hare	<i>West Union, Iowa</i>
Chelsea R. Greener	<i>Marion, Iowa</i>	Emilia A. Ollearis	<i>Batavia, Ill.</i>
Hailey Alison Johnson	<i>Covina, Calif.</i>	* Erin Janet Elizabeth Ott	<i>Elkader, Iowa</i>
** Rachel Kirkpatrick	<i>Urbana, Iowa</i>	Elizabeth C. Pritchard	<i>Sioux City, Iowa</i>
*** Laura Lee Korth	<i>Mason City, Iowa</i>	Brittney Ann Rigler	<i>Burlington, Iowa</i>
Kathryn Jane Larkin	<i>Vinton, Iowa</i>	Sara Jane Sales	<i>West Des Moines, Iowa</i>
Jessica Danielle Lawson	<i>Ames, Iowa</i>	* Caitie Elizabeth Taylor	<i>Ida Grove, Iowa</i>
Jennifer Lynn Low	<i>Des Moines, Iowa</i>	Jarvis Delon West	<i>Saint Petersburg, Fla.</i>

### Curriculum in Culinary Science

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Hochul Choi *Cheong-Ju, South Korea*

### Curriculum in Dietetics

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** Stacy Lynn Barton	<i>Dubuque, Iowa</i>	Jordan Elizabeth Kircher	<i>Rochester, Minn.</i>
Morgan Lea Bax	<i>Greenfield, Iowa</i>	Rebecca Ann Mason	<i>Mound, Minn.</i>
Melanie Kay Hansman	<i>Windsor Heights, Iowa</i>	Sonja Marie Ouimet	<i>Des Moines, Iowa</i>
		David John Woiwood	<i>West Des Moines, Iowa</i>

### Curriculum in Early Childhood Education

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Megan Ashley Crutison	<i>West Des Moines, Iowa</i>	Jessica Ann Neumann	<i>Odebolt, Iowa</i>
Teegan Mary Ebenhoh	<i>Cokato, Minn.</i>	Emily Kae Peterson	<i>Webster City, Iowa</i>
** Alexandra Ryan Howard	<i>Erie, Ill.</i>	** Krista Renae Shoeman	<i>Des Moines, Iowa</i>
Nicole Lin Macke	<i>Lake City, Iowa</i>	* Paige Elizabeth Swift	<i>Ames, Iowa</i>

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

## Curriculum in Elementary Education

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Melodie Jeannie Arentson	Muscatine, Iowa	Taylor Christine Nicol	Ankeny, Iowa
Hailie Marie Bennewitz	Hudson, Wis.	Stephanie Rochelle Owens	Treynor, Iowa
Sara Jennifer Berntson	Sioux City, Iowa	** Lacey Ann Paar	Dike, Iowa
Skylar Paige Bjork	Urbandale, Iowa	Rachel Elizabeth Parrish	Eden Prairie, Minn.
* Beth Anne Culp	Newell, Iowa	** Megan Elizabeth Paulsen	Medina, Minn.
** Carrie Ann Cunningham	Spencer, Iowa	Lillian Rose Petersen	Clarence, Iowa
Heidi J. DenBeste	Ankeny, Iowa	** Kylie Jo Pierce	Woodward, Iowa
Rebecca Jean Dunbar	Washington, Iowa	Sara Elizabeth Rice	Millbrae, Calif.
Lucy Marie Edelman	Clive, Iowa	Austin Mark Riedemann	Jewell, Iowa
Cassandra Lynne Ellsbury	Pleasant Hill, Iowa	* Alexandra Marie Rohs	Eden Prairie, Minn.
** Kathryn Anne Emerson	Arlington Heights, Ill.	John M. Ruddy	Emmetsburg, Iowa
* Elizabeth Ann Gradoville	Carroll, Iowa	** Haley Sue Ruden	Pleasant Hill, Iowa
Breanna Marie Hamilton	Clear Lake, Iowa	** Courtney Rose Schut	Sioux Center, Iowa
*** Kaylee Allyson Hunting	New Hampton, Iowa	Alaina Rae Severson	Marshalltown, Iowa
Rebecca Elizabeth Jahr	Crystal Lake, Ill.	** Michelle Elizabeth Shealy	Snellville, Ga.
Emily Jean Kloberdanz	Webster City, Iowa	Alex Alan Spooner	Forest City, Iowa
Mary Ann Knudsen	Saint Ansgar, Iowa	** Rachel Marie Tallman	Altoona, Iowa
Mathew Eric Meintsma	Pierre, S. Dak.	** Madeleine Marie Trepp	Webster City, Iowa
Luke Miller	Ankeny, Iowa	Kelsey Anne Westrum	Stratford, Iowa

## Curriculum in Event Management

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** Ashley Nicole Bode	Algona, Iowa	Sarah Elizabeth Meinecke	Jamaica, Iowa
* Hayley Kathryn Bookey	Shoreview, Minn.	Michelle Leann Miller	Cedar Rapids, Iowa
** Terrell L. Britto	Marshalltown, Iowa	Mikayla Marie O'Brien	Council Bluffs, Iowa
Francesca Jo Butler	Eagan, Minn.	Meagan Dawn Olesen	Granger, Iowa
Chelsea Kaitlyn Chapko	Johnston, Iowa	Jordin Halley Robinson	Granger, Iowa
Meridith Ann Freese	Johnston, Iowa	Samantha Julia Sullivan	Greene, Iowa
Alexandra Grace Hunter	De Witt, Iowa	Zulema Verduzco	Marion, Iowa
Natalie Joy Jackman	Ames, Iowa	Ian James Walker	Norwalk, Iowa
Mckenzie K. McIlrath	West Branch, Iowa	Michelle Nicole Williams	Geneseo, Ill.

## Curriculum in Family and Consumer Sciences Education and Studies

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* Felicia Darlene Felder	Bagley, Iowa	Katie Ann Lewandowski	Carpentersville, Ill.
Michelle Therese Hosch	Eldridge, Iowa	Lisa Dawn Oglesby	Centerville
** Alison Fay Kuhfus	Radcliffe, Iowa	Chelsea Sophia Simon	Estherville, Iowa

## Curriculum in Financial Counseling and Planning

---

Christian Jae Man Fish	Plymouth, Minn.	Kimberlyn Marie Soots	Moline, Ill.
*** Claire R. Latta	Fort Dodge, Iowa		

## Curriculum in Food Science

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** Cody Bennett Platta	Brainerd, Minn.
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## Curriculum in Hospitality Management

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Blair Catherine Davis	Neenah, Wis.	Quentin T. Silvey	Iowa Falls, Iowa
** Tess E. Dusenberry	Atlantic, Iowa	Christina Maria Sloan	Plano, Tex.
Timarah Anissa Harris	Chicago, Ill.	Hannah Joann Steinfadt	Waverly, Iowa
Michael John Kasper	Roland, Iowa	Zhilin Zheng	Beijing, China
Halle Louko	Iowa City, Iowa	Boning Zhou	Wuhan, Hubei, China

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



## Curriculum in Kinesiology and Health

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Meredith Shaye Anderson	Newton, Iowa	Dillon James Lockhart	Dallas Center, Iowa
Layne Judith Arnold	Marion, Iowa	Ryan James Lovstad	Storm Lake, Iowa
Jillian Elizabeth Belman	Davenport, Iowa	Kelsey Grace Mager	North Aurora, Ill.
Lauren M. Bonett	Ames, Iowa	Kevin James Matkovic	Arlington Heights, Ill.
Kelsey Marie Charley	Polk City, Iowa	Laura Melinda McKean	Columbia, Mo.
Dana Jean Christensen	Belmond, Iowa	** Brennan D. McNitt	Council Bluffs, Iowa
Jeff Flury Coder	Hanford, Calif.	Paul T. Moorhouse	Manchester, Iowa
Allison Anne Dickson	Ames, Iowa	** † Mikaela Ann Nabity	Ankeny, Iowa
Teresa Myanh Dinh	Des Moines, Iowa	** Katherine L. Olson	Urbandale, Iowa
Renee Lynn Egan	Wesley, Iowa	Jessica Leigh Pearce	Council Bluffs, Iowa
Jonathon Thomas Evers	Lakeville, Minn.	*** Jessica Danielle Reyes	Fort Collins, Colo.
Cody Adonis Fountain	Chicago, Ill.	Cortney Jean Riesberg	Story City, Iowa
David James Geier	Bondurant, Iowa	Bryer John Scheer	Blainstown, Iowa
Walter P. Githens IV	Des Moines, Iowa	Tyler James Schellhorn	Clarksville, Iowa
Erin Nicole Green	Hugo, Minn.	*** † Jaclyn A. Schmidt	Dallas Center, Iowa
Regina Marie Harrison	Robins, Iowa	Sarah K. Schwendemann	Otho, Iowa
Milan Sharna Ivory	Marietta, Ga.	Kendra Rachelle Smith	Saint Louis, Mo.
Brett Jeffrey Jacobson	Jewell, Iowa	† Trevor Arlen Thom	Maple Grove, Minn.
Rebecca Nicole Jessen	Clive, Iowa	Erica Mary Tucker	Des Moines, Iowa
Megan Ann Joens	Dunkerton, Iowa	Kirby Jay Van Der Kamp	West Des Moines, Iowa
Samantha Ryanne Jones	Cedar Rapids, Iowa	Samuel Leonard Woodruff	Fort Dodge, Iowa
Theresa Rose Jones	Farley, Iowa		
Theresa Marie Kucera	Leawood, Kans.		

## Curriculum in Nutritional Science

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Azra Feriz	Urbandale, Iowa	Carlie C Rhinehart	Urbana, Iowa
Thea Marie Fern	Plymouth, Minn.	** Lori Lynn Schmitz	Des Moines, Iowa
Samuel Joseph Kammermeier	Cold Spring, Minn.	* Laura Ann Walter	Creston, Iowa

## Multiple Curricula and Majors

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Cali Rae Kness	Urbandale, Iowa	Diana Marie Loutsch	Remsen, Iowa
<i>Child, Adult, and Family Services and Liberal Arts and Sciences: Major in Communication Studies</i>		<i>Event Management and Business: Major in Accounting</i>	
Anna Zhuang Li	Plymouth, Minn.		
<i>Hospitality Management and Event Management</i>			

† Degree Conferred Posthumously

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

## BACHELOR OF ARTS

### Major in Advertising

Rebecca Frances Bruning	<i>Ida Grove, Iowa</i>	** Katelyn Noelle Goetz	<i>Ankeny, Iowa</i>
Alison Rae Cermak	<i>Carlisle, Iowa</i>	* Shelby Faix Howard	<i>Erie, Ill.</i>
*** Chee Fei Cheang	<i>Ipoh, Malaysia</i>	Tabitha Liegh Jamerson	<i>Reinbeck, Iowa</i>
* Carli Renee Daly	<i>Orono, Minn.</i>	* Brianna Lynn Mabra	<i>Spirit Lake, Iowa</i>
Samuel Joseph Donovan	<i>Roseville, Minn.</i>	*** Hillary Lynn Marquard	<i>Hudson, Iowa</i>
Derek Charles Dunn	<i>Carlisle, Iowa</i>	Andrew Rollin Neldeberg	<i>Whiting, Iowa</i>
Alexandra D. Duriavich	<i>West Chicago, Illinois</i>	Alex Rae Smith	<i>Council Bluffs, Iowa</i>
Brianna Christine Gerke	<i>Johnston, Iowa</i>	Mackenzie Grace Waldon	<i>Greenville, S.C.</i>

### Major in Anthropology

Olivia Ann Coronado	<i>Mason City, Iowa</i>
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### Major in Biological/Pre-Medical Illustration

Claire Elizabeth Kearney	<i>Dubuque, Iowa</i>
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### Major in Chemistry

*** Shannon Marie McClintock	<i>Cedar Falls, Iowa</i>
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### Major in Communication Studies

Ineke Armstrong	<i>San Jose, Calif.</i>	Janessa Janeen Moore	<i>Ames, Iowa</i>
Bradyn James Betcher	<i>Lorimor, Iowa</i>	Mackensie Renee Moore	<i>Chariton, Iowa</i>
** Amanda Jean Carnahan	<i>Manchester, Iowa</i>	Grace Frances Sheimo Parlette	<i>Iowa City, Iowa</i>
* Rose Marie Collins	<i>Ankeny, Iowa</i>	Anna Jean Pringnitz	<i>Spirit Lake, Iowa</i>
Danielle Li Cornwell	<i>Ames, Iowa</i>	Shaila Jaenine Quigley	<i>Marshalltown, Iowa</i>
Taylor Jimmie Eichinger	<i>Slater, Iowa</i>	Stephanie Marie Quigley	<i>Marshalltown, Iowa</i>
Meredith Carol Hubanks	<i>Dubuque, Iowa</i>	** Anne Marie Salem	<i>Urbandale, Iowa</i>
Paula Jo Jacobson	<i>Gilbert, Iowa</i>		
* Jordan Marie Kerber	<i>Emmetsburg, Iowa</i>		

### Major in English

Chelsey Jane Axtell	<i>Eagle Grove, Iowa</i>	Kessa Maria Olson	<i>Lake Mills, Iowa</i>
Reed James Buckstead	<i>Sioux City, Iowa</i>	Michael A. Phipps	<i>Pleasantville, Iowa</i>
** Hailey M. Gross	<i>Toddville, Iowa</i>	** Lisa Jenell Robinson	<i>Colo, Iowa</i>
Derek M. Hoodjer	<i>Lincoln, Neb.</i>	Brian David Thompson	<i>Belmond, Iowa</i>
Brianne Kathryn Kilborn	<i>Northwood, Iowa</i>	* Kaitlin Marie Uhlenkamp	<i>Carroll, Iowa</i>
Kari E. Lease	<i>Madrid, Iowa</i>	Irma Vatres	<i>Urbandale, Iowa</i>
Kaelee R. McNeill	<i>Tipton, Iowa</i>	Megan Marie Young	<i>Marion, Iowa</i>
Carissa Lynn Nell	<i>West Des Moines, Iowa</i>		

### Major in History

** Audra Jean Baumhover	<i>Ankeny, Iowa</i>	Coady P. Sierra	<i>Iowa City, Iowa</i>
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\* *Cum Laude*  
 \*\* *Magna Cum Laude*  
 \*\*\* *Summa Cum Laude*  
 † *Honors Program*

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

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Jaqueline Albarenga-Flores	<i>Bakersfield, Calif.</i>	Casey James McBride	<i>Sioux City, Iowa</i>
Michael D. Brandenburg	<i>Le Mars, Iowa</i>	Donald Allen Mongar	<i>Des Moines, Iowa</i>
Devan Scott Cahill	<i>Newton, Iowa</i>	Stacy Lynne Perlowski	<i>Melcher Dallas, Iowa</i>
Ryan Patrick Eccles	<i>Dixon, Ill.</i>	Kristin Marie Polchow	<i>Urbandale, Iowa</i>
Bret Andrew Johnson	<i>Story City, Iowa</i>	Kyle David Rich	<i>Ames, Iowa</i>
Sarah Michelle Kejick	<i>Council Bluffs, Iowa</i>	Jacob Lee Sanders	<i>Cedar Rapids, Iowa</i>
Jonathan Robert Mahoney	<i>Madrid, Iowa</i>	Zachary Dean Schmidt	<i>Crescent, Iowa</i>
Joseph Monydhara Mawien	<i>Ames, Iowa</i>	Trenton M. Speer	<i>Winterset, Iowa</i>
		Brittany A. Vander Zwaag	<i>Ames, Iowa</i>

## Major in Linguistics

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Chad Garnett Cook	<i>Ankeny, Iowa</i>	Emery Thomas Peyton	<i>Eldora, Iowa</i>
Samantha Mariah Dickson	<i>Urbandale, Iowa</i>	Annaliese Marie Pietsch	<i>Elk Grove Village, Ill.</i>
Elizabeth Mae Longnecker	<i>Ankeny, Iowa</i>		

## Major in Music

---

Kaitlyn Nicole Chase *West Des Moines, Iowa*

## Major in Performing Arts

---

Chris Wayne Grim	<i>Radcliffe, Iowa</i>	Erin Marie Nicholas	<i>Plover, Iowa</i>
Devyn Marie Lenaghan	<i>Urbandale, Iowa</i>	Justin A. Voga	<i>Lucas, Tex.</i>

## Major in Philosophy

---

William Guy Hart *Cedar Rapids, Iowa*

## Major in Political Science

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Jessica A. Aguirre	<i>Perry, Iowa</i>	Monica L. Leier	<i>Marion, Iowa</i>
* Christjahn Lamar Beck	<i>West Des Moines, Iowa</i>	Kaitlyn Marie Miller	<i>Cumming, Iowa</i>
Michelle Wanjiku Brown	<i>Des Moines, Iowa</i>	Andrea Lynn Mueller	<i>Floral City, Fla.</i>
Nickolas Alexander Fisher	<i>Ankeny, Iowa</i>	* Mackenzie Jean-Marie Nading	<i>Elgin, Iowa</i>
Jeffrey Michael Happe	<i>Ames, Iowa</i>	Floura Gumaa Sasa	<i>Des Moines, Iowa</i>
Jeffrey Lee Innis	<i>Clive, Iowa</i>	Gabrielle L. Williams	<i>Saint Paul, Minn.</i>

## Major in Psychology

---

Rachel Debra Rustad Freeman	<i>Saint Ansgar, Iowa</i>	Mellanie Perez	<i>Toa Alta, Puerto Rico</i>
* Jeana Marie	<i>Shambaugh, Iowa</i>	Brittany Lynn Sissel	<i>Marion, Iowa</i>
* Kimberly Diane Paul	<i>Midland, Mich.</i>	* Nicki Lynne Wirtjes	<i>Hampton, Iowa</i>
Courtney Danielle Paus	<i>Roscoe, Ill.</i>	Zachary Rex Zeiss	<i>Leon, Iowa</i>
		Xiaoyun Zhang	<i>Beijing, China</i>

## Major in Religious Studies

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Abigail Elizabeth Brown	<i>Marion, Iowa</i>	*† Kelley Marie Seifert	<i>Plainfield, Ill.</i>
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## Major in Speech Communication

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Cassandra Reyan Morton *Bondurant, Iowa*

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

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**Major in World Languages and Cultures (French)**

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Eric Daniel Quigley Cedar Rapids, Iowa Abigail Margaret Rizzo Milwaukee, Wis.

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

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Emery Thomas Peyton Eldora, Iowa

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**Major in World Languages and Cultures (Spanish)**

---

Grace Elizabeth Davis Mount Pleasant, Iowa Catherine Marie Purcell Urbandale, Iowa  
\*\* Yadira Perez Nunez Rippey, Iowa Elizabeth K. Treinen Ankeny, Iowa

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**Multiple Curricula and Majors**

---

Daniel Adam Adair Ames, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology*

Mireya C. Alvarez Des Moines, Iowa  
*Sociology and International Studies*

Brittney Nicole Arkland Webster City, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology*

Tanner Dennis Bruhn Fenton, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology*

Beth F. Cobb Des Moines, Iowa  
*Psychology and Sociology*

\*\* Katherine Mary Cooper Altoona, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology*

Sydney Nicole Dieleman Pella, Iowa  
*Political Science and International Studies*

Guillermo Jesus Elizalde Storm Lake, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology*

Lauren Elizabeth Hedrick Mason City, Iowa  
*Communication Studies and Journalism and Mass Communication*

\*\*\* William Thomas Klees Jr. Chariton, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Political Science*

Elvir Klempic Urbandale, Iowa  
*Political Science and International Studies*

Margaret Ann Lewis Des Moines, Iowa  
*Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology*

Elizabeth A. Lohstreter Waukee, Iowa  
*Linguistics and International Studies*

Benjamin Daniel Sevcik Des Moines, Iowa  
*Psychology and Philosophy*

Jacey Lane Stephens Council Bluffs, Iowa  
*Psychology and Interdisciplinary Studies (Criminology and Criminal Justice)*

\*\* Rachel Lynn Stern Muscatine, Iowa  
*English and International Studies*

Hannah Sheridan Rose Weeg Urbandale, Iowa  
*World Languages and Cultures (Spanish) and International Studies*

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

# BACHELOR OF LIBERAL STUDIES

## Curriculum in Liberal Studies

---

Wendelyn A. Ben-Ezra	Ames, Iowa	Joshua Lee Marker	Ames, Iowa
** Michael Ryan Day	Des Moines, Iowa	Dena Michelle Bode Mather	Peoria, Ill.
Morgan Lori Ebel	Larrabee, Iowa	Kendra M. Plathe	Algona, Iowa
Carine Nyimi Eyeya	Ankeny, Iowa	Bethany Angelique Ryan	Iowa City, Iowa
Janie Lynn Goss	Oxford, Iowa	Kassandra V. Stokke	Spirit Lake, Iowa
Eric Kyle Graham	Tulsa, Okla.	Spencer Charles Thornton	Marion, Iowa
Paul Martin Hall	Des Moines, Iowa		
Gabriel Wayne Harris	North English, Iowa	Megan Marie Venner	Carroll, Iowa
Brandon L. Jensen	Ankeny, Iowa	Trevor Lane Voelker	Adel, Iowa
Austin Daniel Kavalier	Pleasant Hill, Iowa	Jeric LaVelle Watts	Hudson, Iowa
Rachael Marie Larkin	Vinton, Iowa	** Sharon Joyce Zenor	Ames, Iowa

# BACHELOR OF MUSIC

## Curriculum in Music

---

Andrew Michael Burton	Urbandale, Iowa	**Evan Garret Stenzel	Iowa Falls, Iowa
Paulla Christine Edwards	La Crosse, Wis.	*Faye Georgiana Thomas	Mount Pleasant, Iowa
Sydney D. McCoy	Cedar Rapids, Iowa		
** Sarah Margaret Roltgen	Cedar Rapids, Iowa		
Hannah Lillian Bea Skalbeck	Apple Valley, Minn.		

# BACHELOR OF SCIENCE

## Major in Anthropology

---

Sydney E. Christensen	Urbandale, Iowa	*† Kelley Marie Seifert	Plainfield, Ill.
Brittany Lyn Helbing	Dubuque, Iowa	Chelsey S. Unger	Waukee, Iowa

## Major in Biochemistry

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Zachary Thomas Young	Bettendorf, Iowa
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## Major in Bioinformatics and Computational Biology

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Smita Nishant	Ames, Iowa
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## Major in Biology

---

Brianna Marie Baldwin	West Union, Iowa	*** Danielle Nicholle Riley	North Aurora, Ill.
Brandon Barr	Perry, Iowa	Abigail Margaret Rizzo	Milwaukee, Wis.
Matthew Lee Birnbaum	Fort Dodge, Iowa	* Victoria Lane Schnittker	Johnston, Iowa
Rocio Bonilla	Sun City, Calif.	* Abby Marie Sexton	Titonka, Iowa
Blake Robert Champer	Geneva, Ill.	*† Michael Joseph Stewart	Belvidere, Ill.
Rebecca Kathryn Christensen		Marissa E. Strautman	Carroll, Iowa
	Council Bluffs, Iowa	Hayden Marie Stuppnig	Burnsville, Minn.
* Drew D. Delp	Greene, Iowa	Jenny Xiaojun Tang	Des Moines, Iowa
Ishan Sameera Galbokka Hewage	Ahangama, Sri Lanka	** Katrina E. Thomas	Shellsburg, Iowa
		Jason B. Thompson	Boone, Iowa
Caleb R. Hansen	Grinnell, Iowa	Daya Upreti	Ames, Iowa
Rebecca Margaret Miller	Decorah, Iowa	Jenna V. Wiley-Ohnemus	Waukee, Iowa
Elizabeth Rachel Mooers	Minnetonka, Minn.	Samantha B. Williams	Des Moines, Iowa
** Eric P. Neill	Cedar Falls, Iowa	Shawon David Zmolek	Jefferson, Iowa

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

## Major in Chemistry

---

** Brittany Lynne Hallmark	Ankeny, Iowa	Rolando D. Montealegre	
‡ Justin Keoni Makio Kamahale Hirae	Hilo, Hawaii	Zachary Joseph Siedlecki	Marshalltown, Iowa
* Sarah Grace Hollander	Naperville, Ill.	Zachary Porter Tener	Crystal Lake, Ill.
Austin Scott Huff	Chillicothe, Iowa	Jesus Lopez Zaldarriaga	North Liberty, Iowa
			Forest City, Iowa

## Major in Computer Science

---

Katherine Diann Amdahl	Ames, Iowa	John Varney Gregory III	Cedar Rapids, Iowa
Arjun Singh	Jalandhar, India	Megan Diane Lavey	Siloam Springs, Ark.
Alex R. Cole	Ankeny, Iowa	Eli Anthony Mummert	Mitchell, Neb.
* Jiamin Ding	Nanjing, China	Michael W. Silva-Breen	Prior Lake, Minn.
Matthew Steven England	Fishers, Ind.	*** Evan Kent Weible	Ames, Iowa
* Jesse D. Frush	Ankeny, Iowa	Qian Zhang	Burr Ridge, Ill.
Jacob M. Gannon	Coralville, Iowa		

## Major in Earth Science

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Hannah Joann Steinfadt	Waverly, Iowa
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## Major in Economics

---

Paul Adam Rouse	Huxley, Iowa	Pengbo Xie	Changsha, China
Gabrielle L. Williams	Saint Paul, Minn.		

## Major in Environmental Science

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Marcus W. Johnson	Iowa City, Iowa	Chelsie Ann Scott	Garden Grove, Iowa
Mariah Thomas Mahaney	Sioux City, Iowa	Emily Schuler Snaveley	Des Moines, Iowa
Hilary Elizabeth Pierce	Hershey, Pa.		

## Major in Genetics

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** Brittany Lynne Hallmark	Ankeny, Iowa	Megan L. Merolla	Blair, Neb.
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## Major in Geology

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Dillon Paul Nolan	Cedar Rapids, Iowa	Jason Robert Saar	Sergeant Bluff, Iowa
Zachary Jon Prait	Fort Dodge, Iowa		

## Major in History

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Quinton Tyler Bealer	Madrid, Iowa	Evelynne Elizabeth Plate	
* Gregory Steven Brodie	Waterloo, Iowa		Fort Madison, Iowa
Chantelle Marie Burrell	Des Moines, Iowa	** Daniel C. Rasmussen	Des Moines, Iowa
Samuel David Crenshaw	Des Moines, Iowa	Colin Andrew Reams	West Des Moines, Iowa
Sterling Xavier DeLoatch	Park Forest, Ill.	Jenna Marie Russell	Ankeny, Iowa
Joshua Michael Gorman	Ames, Iowa	* John Thomas Schaeffer	Ankeny, Iowa
Brennan Byron Hutson	Cedar Rapids, Iowa	Ryan Patrick Scroggs	Monticello, Ind.
Jeffrey Lee Innis	Clive, Iowa	*† Kelley Marie Seifert	Plainfield, Ill.
*** Adam Mehrod Kenarangi	Boone, Iowa	Nathan Robert Smith	Mount Pleasant, Iowa
Monica L. Leier	Marion, Iowa	Sean Richard Stephany	Norwalk, Iowa
Ashley Nicole Loper	West Des Moines, Iowa	Dustin Oliver Swanick	
Tyler S. Marr	Persia, Iowa		El Dorado Hills, Calif.
Katelyn Anna McDermott	Spencer, Iowa	Peter John Wolff	River Falls, Wis.
David William Parkinson	Akron, Iowa		

‡ Degree Conferred Posthumously

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

## Major in Journalism and Mass Communication

---

Levi Adam Castle	Melbourne, Iowa	Jared Charles Meisinger	Ames, Iowa
Patricia Dawn Clark	Des Moines, Iowa	Giovanna Luiza Villani Rajao	Rio de Janeiro, Brazil
Eric Edward Debner	Allison, Iowa	Kiana Marie Roppe	Des Moines, Iowa
Clark Lawrence Eilers Jr.	Ankeny, Iowa	Macy Michelle Sarbacker	Verona, Wis.
Mary Katherine Alexandra Grunewald	Des Moines, Iowa	Ayana Jessica Sumlin	Chicago, Ill.
Andrew Lenn Hayes	Webster City, Iowa	Samuel David Thompson	Aplington, Iowa
Tiffany Elizabeth Herring	McClelland, Iowa	Eleni Upah	Tama, Iowa
Daniel Patrick Martin	Rochester, Minn.	Krista York	Eagan, Minn.
Megan Kathryn McDonald	Woodbridge, Va.		

## Major in Mathematics

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Kimberly Connie Boxleiter	Dubuque, Iowa	Soumik Mukherjee	Ankeny, Iowa
Trevor John Dammon	La Crosse, Wis.	* Matthew John Swanson	Rochester, Minn.
*** Shannon Marie McClintock	Cedar Falls, Iowa	** Zihan Xu	Shenyang, China

## Major in Physics

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Hanna E. Arnold	Fort Madison, Iowa	Mia Anthony Hawkins	Kansas City, Mo.
Trevor John Dammon	La Crosse, Wis.		

## Major in Psychology

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Courtney Jewell Adlam	Lake Villa, Ill.	Whitney Lynn Hutton	Winterset, Iowa
Daniel Joseph Barksdale	Elkhart, Iowa	Kristi Rae Larson	Garner, Iowa
** Alex William Dasilva	Newell, Iowa	* Megan Jo Lee	Knoxville, Iowa
** Coady Matthew Dillard	Waukee, Iowa	Brandi Lee Levis	Iowa Falls, Iowa
Michelle Elizabeth Gibson	Ames, Iowa	Gabrielle Nicole Perez	Cary, Ill.
Taylor Mae Goetz	Ankeny, Iowa	** Elizabeth A. Schwarz	Gilbert, Iowa
Elizabeth Ann Gray	Bridgeville, Pa.	Tyler Richard TeBrink	Saint Charles, Mo.
Aaron Stewart Heisler	Granger, Iowa		

## Major in Public Relations

---

Alexander James Furman	Berwick, Iowa	Justin Patrick Mattingly	Forest City, Iowa
Amira Kay Katib	Clive, Iowa	Kaitlyn Emily Mueller	Humboldt, Iowa
Hannah E. Lilienthal	Durant, Iowa	** Wai Yean Tan	Selangor, Malaysia

## Major in Sociology

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Olivia Ann Coronado	Mason City, Iowa	Leeanne Nicole Saracino	Seaford, N.Y.
Samantha Lynn Hudson	Polk City, Iowa	* Victoria Lane Schnittker	Johnston, Iowa
Sarah Michelle Kejick	Council Blfs, Iowa	* Victoria L. Van Maaren	Kelley, Iowa
Shayla Nicole McDougal	East St. Louis, Ill.	Jamie Nicole Wagner	Robins, Iowa
Samuel David Merced Matos	Toa Alta, Puerto Rico	Xiaoyun Zhang	Beijing, China

## Major in Statistics

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Yuhao Lu	Foshan, China	Alyssa M. Peirce	Story City, Iowa
** Mengjia Ni	Shanghai, China	Tingxu Yin	Shanghai, China
* Erin Irene O'Donnell	Centennial, Colo.		

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

## Multiple Curricula and Majors

---

- \* Lars Leonard Boyd      *Eagle Grove, Iowa*  
*Anthropology and Interdisciplinary Studies*  
*(Criminology and Criminal Justice)*
- Chelsie Rose Bunkofske      *Woden, Iowa*  
*Sociology and Interdisciplinary Studies*  
*(Criminology and Criminal Justice)*
- Jamie L. Cismoski      *Fort Collins, Colo.*  
*Anthropology and History*
- Justin J. D'Souza      *West Des Moines, Iowa*  
*Biology and Environmental Science*
- \*\* Benjamin Michael Davis      *Cedar Rapids, Iowa*  
*History and World Languages and Cultures*  
*(Spanish) and International Studies*
- Caitlin Kristine Ellingson      *Milo, Iowa*  
*Journalism and Mass Communication and*  
*Environmental Studies*
- \*\* Drew Donald Fullerton      *Barron, Wis.*  
*Mathematics and Business: Major in Finance*
- \*\*\* Melissa Rose Grunder      *Mount Vernon, Iowa*  
*History and Interdisciplinary Studies*  
*(Classical Studies)*
- \*\* Anthony Michael Isely      *Eldridge, Iowa*  
*Sociology and Interdisciplinary Studies*  
*(Criminology and Criminal Justice)*
- \* Jenna Mae Shirley      *Parkersburg, Iowa*  
*Psychology and Sociology*
- \* Megan Rose Swindell      *Grayslake, Ill.*  
*Journalism and Mass Communication and*  
*World Languages and Cultures (Spanish)*
- Ivan Saah Tamba      *Wheaton, Illinois*  
*Sociology and Interdisciplinary Studies*  
*(Criminology and Criminal Justice)*
- Jacob Daniel Whitehead  
*New Providence, Iowa*  
*Sociology and Interdisciplinary Studies*  
*(Criminology and Criminal Justice)*

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



# IOWA STATE UNIVERSITY SENIOR CLASS COUNCIL

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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 2014-2015 Senior Class Council is comprised of 12 students who are dedicated to recognizing seniors for their many achievements.

This year's Senior Class Council has planned a number of programs for seniors including both Fall and Spring Senior Weeks, where seniors enjoy special tours and free food on campus; the Senior Package, a gift set that included commemorative Iowa State items; Grad Breakfast, a chance for seniors to relax and enjoy a meal served by ISU faculty and staff; Real Life Answers, a conference for seniors to prepare them for life after graduation,

and the Senior Send-off, a year-end event for seniors at the ISU Alumni Center to celebrate seniors' transitions to being alumni! The events that SCC plans and co-sponsors are intended to be both beneficial and enjoyable for seniors.

Finally, Senior Class Council always invites you and your families to return to the Iowa State Alumni Center following the Commencement Ceremony today as you are all now Alumni of Iowa State University!

For more information on SCC and SALC programs, please visit [www.isusalc.org](http://www.isusalc.org).

To learn more about the Iowa State University Alumni Association, go to [www.isualum.org](http://www.isualum.org).

## 2014-2015 Senior Class Council Leadership

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**President:**

Scott McDonald

**Vice-President:**

Anna McConnell

**Council Members:**

Michael Burt

Kelsey Grote

Katherine Hyde

Matthew Konsor

Eric Lathrop

Jamie Lauten

Easten Lovelace

Benny Rohloff

Amelia Thorne

Chancellor Wiese

## CANDIDATES FOR COMMISSIONS

---

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

### United States Army

---

Alexandra Z. Gutierrez (Summer 2014)

Derrick T. Hill

Jacob V. Scott (Summer 2014)

Trenton M. Speer

Anthony J. Stoll

### United States Marine Corps

---

Alexander J. Furman

### United States Navy

---

Jason P. Cotter

Drew D. Delp

Kaid W. Weideman

### United States Air Force

---

Matthew S. Kellen



# Summer Commencement

Official List of Degrees

Conferred August 9, 2014

# CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

## DOCTOR OF PHILOSOPHY

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††§ Ghinwa Alameen                      *Homs, Syria*  
B.A. Al Baath University  
Dipl. Damascus University  
M.A. Iowa State University  
Department: English  
Major: Applied Linguistics and Technology  
Dissertation: The effectiveness of linking  
instruction on NNS speech perception  
and production

†† Alvin Mercado Alejandrino  
*Long Beach, Calif.*  
B.A. California State University-Long Beach  
M.S. California State University-Los Angeles  
Department: Ecology, Evolution and  
Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Convergent evolution of life  
habit and shell shape in scallops (*Bivalvia*:  
*Pectinidae*) with a description of a new  
genus

Marwan A. Alhijazeen                      *Karak, Jordan*  
B.Agr. Mutah University  
M.S. Jordan University of Science and  
Technology  
Department: Animal Science  
Major: Meat Science  
Dissertation: Effect of oregano essential oil  
and tannic acid on storage stability and  
quality of ground chicken meat

Jason M. Anderson                      *Golden Valley, Minn.*  
B.S. South Dakota School of Mines and  
Technology  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering  
Dissertation: Hydrothermally stable  
heterogeneous catalysts for biorenewable-  
derived molecule conversions to  
chemicals

Timothy James Anderson                      *Ankeny, Iowa*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Chemistry  
Major: Analytical Chemistry  
Dissertation: Mass spectrometry and Fourier  
transform infrared spectroscopy for  
analysis of biological materials

§ Hamed Attariani                      *Mashhad, Iran*  
B.S. Ferdowsi University  
M.S. Ferdowsi University  
Department: Aerospace Engineering  
Major: Engineering Mechanics  
Dissertation: Coupled mechanochemical  
theories for reacting systems with  
application to nanovoid nucleation and  
Li-ion batteries

††§ Jonathan Mark Balzotti                      *Salt Lake City, Utah*  
B.A. University of Utah  
B.A. University of Utah  
M.A. University of Utah  
Department: English  
Major: Rhetoric and Professional  
Communication  
Dissertation: Big rhetoric: The art and  
rhetoric of spectacle in classical and  
contemporary experience

†† Nathan Louis Bandow                      *Ankeny, Iowa*  
B.S. Iowa State University  
Department: Biochemistry, Biophysics and  
Molecular Biology  
Major: Biochemistry  
Dissertation: Isolation and binding  
properties of methanobactin from the  
facultative methanotroph *Methylocystis*  
strain SB2

Charles Ashley Barnes                      *Kittrell, N.C.*  
B.S. University of North Carolina-  
Greensboro  
Department: Chemistry  
Major: Physical Chemistry (Chemical  
Instrumentation)  
Dissertation: Time-resolved and steady-state  
studies of biologically and chemically  
relevant systems using laser, absorption,  
and fluorescence spectroscopy

§ Cameron Carl Beatty                      *Indianapolis, Ind.*  
B.A. Indiana University-Bloomington  
M.S. Indiana University-Bloomington  
School: Education  
Major: Education (Educational Leadership)  
Dissertation: Exploring the leadership  
identity development of students of color  
at a selective liberal arts college

- †† Christie Lynn Beck *Baraboo, Wis.*  
 B.S. University of Wisconsin-Milwaukee  
 Department: Chemistry  
 Major: Organic Chemistry  
 Dissertation: Binding and release studies of  
 carboxylates
- †† CariAnn Marie Bergner *Bellevue, Mo.*  
 B.S. Southeast Missouri State University  
 Department: Psychology  
 Major: Psychology (Counseling Psychology)  
 Dissertation: We can do it, but I wouldn't  
 like it: Gender, interests, and occupational  
 perceptions
- § Jennifer Marie Binning *Grand River, Iowa*  
 B.A. Simpson College  
 Department: Biochemistry, Biophysics and  
 Molecular Biology  
 Major: Biochemistry  
 Dissertation: Characterization of Ebola virus  
 VP35 first basic patch as a therapeutic  
 target
- Kurt Ryan Brorsen *Stillwater, Okla.*  
 B.S. University of Oklahoma  
 Department: Chemistry  
 Major: Physical Chemistry  
 Dissertation: A needed response: Fragment  
 molecular orbital analytic gradients
- †† Tristan Robert Brown *Ames, Iowa*  
 B.A. University of Iowa  
 J.D. University of Missouri-Columbia  
 Department: Mechanical Engineering  
 Major: Biorenewable Resources and  
 Technology  
 Dissertation: Quantifying the economic  
 competitiveness of cellulosic biofuel  
 pathways under uncertainty and regional  
 sensitivity
- Ahmad Safuan Bujang *Kuching, Malaysia*  
 B.E. University Putra Malaysia  
 M.S. Iowa State University  
 Department: Agricultural and Biosystems  
 Engineering  
 Majors: Agricultural and Biosystems  
 Engineering and Biorenewable Resources  
 and Technology  
 Dissertation: Utilization of durian biomass  
 for biorenewable applications
- ††§ Alex Preston Byrd *Independence, Va.*  
 B.S. Virginia Polytechnic Institute and State  
 University  
 M.S. Virginia Polytechnic Institute and State  
 University  
 Department: Agricultural Education and  
 Studies  
 Major: Agricultural Education  
 Dissertation: Identifying the effects of  
 human factors and training methods on a  
 weld training program
- Yuanfeng Cai *Luoyang, China*  
 B.S. Tongji University  
 M.S. Iowa State University  
 Department: Business Administration  
 Major: Business and Technology  
 (Information Systems)  
 Dissertation: Analysis of malicious input  
 issues on intelligent systems
- Jack Mccaslin Carraher *Minot, N. Dak.*  
 B.S. Minot State University  
 Department: Chemistry  
 Major: Inorganic Chemistry (Industrial  
 Chemistry)  
 Dissertation: Kinetic and mechanistic  
 studies of reactive intermediates in  
 photochemical and transition-metal  
 assisted oxidation, decarboxylation, and  
 alkyl transfer reactions
- †† Geetika Chadha *Meerut, India*  
 B.S. University of Delhi  
 M.S. University of Delhi  
 Department: Chemistry  
 Major: Organic Chemistry  
 Dissertation: Functionalized surface-cross-  
 linked micelles for catalysis and light  
 harvesting
- Can Chen *Wuhan, China*  
 B.E. Air Force University of Engineering  
 M.S. New Mexico State University  
 Department: Civil, Construction and  
 Environmental Engineering  
 Major: Civil Engineering (Civil Engineering  
 Materials)  
 Dissertation: Evaluation of Iowa asphalt  
 pavement joint cracking
- Sennieng Chen *ZhangZhou, China*  
 B.S. University of Science and Technology  
 of China  
 M.S. Iowa State University  
 M.S. Iowa State University  
 Department: Statistics  
 Major: Statistics  
 Dissertation: Imputation of missing values  
 using quantile regression

- § Yu Chen *Zhenjiang, China*  
 B.Ed. Beijing Normal University  
 M.Ed. Beijing Normal University  
 School: Education  
 Major: Education (Educational Leadership)  
 Dissertation: The influence of self-efficacy on degree aspiration among domestic and international community college students
- § Marilyn Ann Cornish *Strawberry Point, Iowa*  
 B.A. Wartburg College  
 M.S. Iowa State University  
 Department: Psychology  
 Major: Psychology (Counseling Psychology)  
 Dissertation: Examination of an emotion-focused therapy intervention to promote self-forgiveness for interpersonal offenses
- ††§ Marilú Garcia Dick-Pérez *Twin Falls, Idaho*  
 B.S. Idaho State University  
 Department: Chemistry  
 Major: Chemistry  
 Dissertation: A short and sweet story of CHO
- § Sonali Diddi *Hyderabad, India*  
 M.F.T. Royal Melbourne Institute of Technology  
 Department: Apparel, Events, and Hospitality Management  
 Major: Apparel, Merchandising, and Design  
 Dissertation: Understanding ethical consumption decisions: The role of values, attitudes and expectations in the apparel purchasing context
- Ranae Nichole Dietzel *Radcliffe, Iowa*  
 B.A. University of Minnesota-Morris  
 M.S. Cornell University  
 Department: Agronomy  
 Majors: Sustainable Agriculture and Crop Production and Physiology  
 Dissertation: A comparison of carbon storage potential in corn- and prairie-based agroecosystems
- Jacy Cowden Downey *Indianola, Iowa*  
 B.A. Simpson College  
 M.Educ Des Moines University of Osteopathic Medicine  
 Department: Human Development and Family Studies  
 Major: Human Development and Family Studies  
 Dissertation: Parenting practices related to positive eating, physical activity and sedentary behaviors in children: A qualitative exploration of strategies used by parents to navigate the obesigenic environment
- David Roberto Escudero *Quito, Ecuador*  
 Ing. San Francisco University of Quito  
 M.S. Iowa State University  
 Department: Mechanical Engineering  
 Major: Mechanical Engineering  
 Dissertation: Characterization of the hydrodynamic structure of a 3D acoustic fluidized bed
- Andrew P. Fornadel *Columbia, Md.*  
 B.S. Juniata College  
 M.S. Iowa State University  
 Department: Geological and Atmospheric Sciences  
 Major: Geology  
 Dissertation: Stable tellurium isotope variability in ore-forming systems: A theoretical and experimental approach
- § Mohammad Fotouhi *Shiraz, Iran*  
 Bach. Shiraz University  
 M.S. Sharif University of Technology  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Geotechnical Engineering)  
 Dissertation: Dynamic soil-pile interaction by random vibration methods
- Jiaqi Ge *Shanghai, China*  
 B.S. University of Groningen  
 B.S. Fudan University  
 Department: Economics  
 Major: Economics  
 Dissertation: Stepping into new territory: Three essays on agent-based computational economics and environmental economics
- ††§ Meghan T. Gillette *Urbandale, Iowa*  
 B.A. University of Northern Iowa  
 M.A. Iowa State University  
 Department: Human Development and Family Studies  
 Major: Human Development and Family Studies  
 Dissertation: Utilizing life history theory to assess the effect of the accelerated maternal reproductive index on infant and child health outcomes
- Lei Gong *Gongzhuling, China*  
 B.S. Northeast Normal University  
 M.S. Northeast Normal University  
 Department: Ecology, Evolution and Organismal Biology  
 Majors: Genetics and Bioinformatics and Computational Biology  
 Dissertation: Cytonuclear and small RNA evolution in diploid and polyploid plant species

- Naga Pavan Kumar Gorti *Hyderabad, India*  
 B.Tech. Visveswaraiah Technological  
 University  
 Department: Electrical and Computer  
 Engineering  
 Major: Computer Engineering  
 Dissertation: Application aware  
 performance, power consumption, and  
 reliability tradeoff
- Robert John Grandin *Oneida, Ill.*  
 B.S. Iowa State University  
 Department: Aerospace Engineering  
 Major: Engineering Mechanics  
 Dissertation: Early-state damage detection,  
 characterization, and evolution using  
 high-resolution computed tomography
- §Aaron Donald Gross *Saint Cloud, Minn.*  
 B.S. St. Cloud State University  
 M.S. Iowa State University  
 Department: Entomology  
 Major: Toxicology  
 Dissertation: Botanical pesticides:  
 Identification of a molecular target and  
 mode of action studies
- §Hanzheng Guo *Zunyi, China*  
 B.S. Sichuan University  
 Department: Materials Science and  
 Engineering  
 Major: Materials Science and Engineering  
 Dissertation: In situ transmission electron  
 microscopy study of the microstructural  
 origins for the electric field-induced  
 phenomena in ferroelectric perovskites
- §Yijun Guo *Hefei, China*  
 B.S. Anhui Normal University  
 Department: Chemistry  
 Major: Chemistry  
 Dissertation: I. Toward non-blinking  
 robust Vis and NIR active fluorophores:  
 Controlled fabrication and applications  
 of thick-shell CdSe/nCdS and Ge/nCdS  
 (n greater than 10) Nanocrystals II.  
 Shape-programmed nanofabrication:  
 Understanding the reactivity of  
 dichalcogenide precursors
- Rui Han *Kaifeng, China*  
 B.S. Hunan University  
 M.S. Hunan University  
 Department: Chemistry  
 Major: Analytical Chemistry  
 Dissertation: Applications of single  
 molecule and nanoparticle imaging in  
 chemical separation, photocatalysis, and  
 drug delivery
- ††Patrick James Hanway *Saint Joseph, Mo.*  
 B.S. Missouri Western State University  
 M.S. Iowa State University  
 Department: Chemistry  
 Major: Organic Chemistry  
 Dissertation: Direct observation and  
 reactivity of oxenium ions
- Sarah Kate Hargreaves *Ames, Iowa*  
 B.S. University of Toronto  
 M.S. University of Toronto  
 Department: Ecology, Evolution and  
 Organismal Biology  
 Major: Ecology and Evolutionary Biology  
 Dissertation: Soil microbial communities in  
 bioenergy cropping systems: Unearthing  
 relationships across a heterogeneous  
 agroecosystem
- ††Aja C. Holmes *Chicago, Ill.*  
 B.S. Illinois State University  
 M.S. Illinois State University  
 School: Education  
 Major: Education (Educational Leadership)  
 Dissertation: Experiences of supervision  
 skill development among new  
 professionals in student affairs
- §Jiayi Hu *Beijing, China*  
 B.Lit. Beijing Language and Culture  
 University  
 M.Educ Beijing Normal University  
 School: Education  
 Major: Education (Educational Leadership)  
 Dissertation: Chinese high school to  
 American university: The effects and  
 outcomes of international college  
 preparation programs
- Hocheol Jeon *Hwasung, South Korea*  
 B.Econ. Sungkyunkwan University  
 M.A. Sungkyunkwan University  
 Department: Economics  
 Major: Economics  
 Dissertation: Three essays on environmental  
 economics
- Omesh Johar *Dehradun, India*  
 B.Tech. Indian Institute of Technology-  
 Bombay  
 M.S. Iowa State University  
 Department: Psychology  
 Major: Psychology  
 Dissertation: When Lady Luck cheats on  
 you

- §Jay Steven Johnson *Shiloh, Ill.*  
 B.S. University of Missouri-Columbia  
 M.S. University of Missouri-Columbia  
 Department: Animal Science  
 Major: Nutritional Sciences  
 Dissertation: Heat stress alters animal physiology and post-absorptive metabolism during pre- and postnatal development
- ††Ryan Timothy Johnson *Tomah, Wis.*  
 B.S. Hope College  
 Department: Mathematics  
 Major: Mathematics  
 Dissertation: The Frobenius-Schur indicator of Tambara-Yamagami categories
- Hee Sung Jun *Seoul, South Korea*  
 B.A. Ewha Woman's University  
 M.A. University of Illinois-Urbana Champaign  
 Department: English  
 Major: Applied Linguistics and Technology  
 Dissertation: A validity argument for the use of scores from a web-search-permitted and web-source-based integrated writing test
- §Andrew Robert Korte *Spring Lake Park, Minn.*  
 B.S. University of St. Thomas  
 Department: Chemistry  
 Major: Analytical Chemistry  
 Dissertation: Development of matrix-assisted laser desorption ionization-mass spectrometry imaging (MALDI-MSI) for plant metabolite analysis
- Andrew Charles Kraemer *Mauston, Wis.*  
 B.A. University of St. Thomas  
 Department: Ecology, Evolution and Organismal Biology  
 Major: Ecology and Evolutionary Biology  
 Dissertation: The evolution of salamander mimicry: Predators, prey, and perception
- Lucas John Kramer *Fulda, Minn.*  
 B.A. Augustana College  
 M.A. Minnesota State University-Mankato  
 Department: Mathematics  
 Major: Mathematics  
 Dissertation: On diamond-free subposets of the Boolean lattice: An application of flag algebras
- Mark Alvin Laingen *Normal, Ill.*  
 B.S. Illinois State University  
 M.S. Illinois State University  
 Department: Agricultural and Biosystems Engineering  
 Major: Industrial and Agricultural Technology  
 Dissertation: Assessing engineering students' demonstration of workplace competencies in experiential learning environments through internships and cooperative work experiences
- David Weston Lastine *Ames, Iowa*  
 B.S. Iowa State University  
 M.S. Iowa State University  
 Department: Electrical and Computer Engineering  
 Major: Computer Engineering  
 Dissertation: Efficient communication using multiple cycles and multiple channels
- Li-Chen Lee *Taipei, Taiwan*  
 B.S. National Taiwan Normal University  
 M.S. National Taiwan Normal University  
 Department: Chemistry  
 Major: Chemistry  
 Dissertation: Multifunctional, tunable catalysts from interfacially cross-linked reverse micelles
- Youngsu Lee *Seoul, South Korea*  
 B.B.A. Yonsei University  
 M.B.A. Yonsei University  
 Department: Business Administration  
 Major: Business and Technology (Marketing)  
 Dissertation: Improving customer equity through value creation and value appropriation
- Hsiang-Ting Lei *Taichung City, Taiwan*  
 B.S. Kaohsiung Medical College  
 Department: Chemistry  
 Major: Chemistry  
 Dissertation: Characterization of bacterial RND efflux systems via transcriptional regulator CmeR and outer membrane channels CusC and MtrE
- Shuangyan Lei *Hefei Anhui, China*  
 B.E. Xidian University  
 M.S. University of Science and Technology of China  
 M.S. Iowa State University  
 Department: Industrial and Manufacturing Systems  
 Major: Industrial Engineering  
 Dissertation: Process planning for the subtractive rapid manufacturing of heterogeneous materials: Applications for automated bone implant manufacturing

Michael David Lesoine *East Stroudsburg, Pa.*  
B.S. East Stroudsburg University  
Department: Chemistry  
Major: Analytical Chemistry  
Dissertation: Subdiffraction instrumentation development and application to the elucidation of biological systems, thin films, and organic photovoltaic devices

Judith Myers Levings *Perry, Iowa*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Agricultural Education and Studies  
Major: Agricultural Education  
Dissertation: A multiple case study of professional development and perspective change within the Cooperative Extensive Service

§Tian Lin *Weifang, China*  
B.S. Shandong University  
Department: Horticulture  
Major: Plant Biology  
Dissertation: Mobile mRNA: A long distance signaling system in potato

Wenjia Liu *Nanchong, China*  
B.S. Beijing Normal University  
M.S. Virginia Polytechnic Institute and State University  
Department: Physics and Astronomy  
Major: Physics  
Dissertation: Modeling the interaction of complex networks

S. Adele Lozano *Ames, Iowa*  
B.L.S. University of Northern Iowa  
M.A. University of Northern Iowa  
School: Education  
Major: Education (Educational Leadership)  
Dissertation: Anchor and launching pad: The role of a Latino cultural center in the experience of Mexican American students at a Midwestern predominantly White institution

Dipak Mainali *Dakaha, Nepal*  
B.S. Coe College  
Department: Chemistry  
Major: Analytical Chemistry  
Dissertation: Studies of integrins' lateral dynamics at a single particle level

††Shannon Michelle McCrocklin *Paris, Ill.*  
B.A. University of Illinois-Urbana Champaign  
M.A. University of Illinois-Urbana Champaign  
Department: English  
Major: Applied Linguistics and Technology  
Dissertation: The potential of Automatic Speech Recognition for fostering pronunciation learners' autonomy

Jeffrey Conrath Miller *Chicago, Ill.*  
B.A. St. Xavier University  
M.S. Iowa State University  
Department: Psychology  
Major: Psychology  
Dissertation: Does approach motivation account for the impact of locomotion on positive affect?

Katrine Marsteng Nilsen *Trondheim, Norway*  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Dissertation: Numerical and experimental investigation of turbulence and transport in mixing geometries

Michael R. Nolan *Acworth, Ga.*  
B.S. Georgia Institute of Technology  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Dissertation: Selective dehydration of polyols over solid acids and metal-acid bifunctional catalysts: Towards a catalytic toolbox for rational catalyst design

††Saulo Issachar Orizaga *McAllen, Tex.*  
B.S. University of Texas-Pan American  
M.S. University of Texas-Pan American  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: On the nonlinear regime of electrically induced viscous jets with finite conductivity

Jason Carl Patton *Apple Valley, Minn.*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Agronomy  
Major: Agricultural Meteorology  
Dissertation: Comparison of SMOS vegetation optical thickness data with the proposed SMAP algorithm



§Sarah Christine Pearce *Phoenix, Ariz.*  
B.S. University of Arizona  
B.A. University of Arizona  
M.S. Iowa State University  
Department: Animal Science  
Major: Nutritional Sciences (Animal Nutrition)  
Dissertation: Evaluation of the chronological impact heat stress has on swine intestinal function and integrity

Yang Peng *Luoyang, China*  
B.S. Beijing University of Post and Telecommunication  
M.S. Washington State University  
Department: Computer Science  
Major: Computer Science  
Dissertation: Building a more sustainable sensor network via protocol innovation

Anna Lingling Perry *Guangshui, China*  
B.S. Dalian Institute of Light Industry  
M.S. Shenzhen University  
Department: Apparel, Events, and Hospitality Management  
Major: Apparel, Merchandising, and Design  
Dissertation: Creativity and its antecedents: An investigation of different assessments and training effects

††Joseph William Petefish *Chippewa Falls, Wis.*  
B.C.E. University of Minnesota-Minneapolis  
Department: Chemical and Biological Engineering  
Major: Chemical Engineering  
Dissertation: Nanostructured surfaces for surface plasmon resonance spectroscopy and imaging

§Anicia Nicola Peters *Rehoboth, Namibia*  
B.I.T. Polytechnic of Namibia  
M.S. Iowa State University  
Department: Supply Chain and Information Systems  
Major: Human Computer Interaction  
Dissertation: Influence of video food ads in digital menu boards and healthy eating decisions

§Walker Pett *Ames, Iowa*  
B.A. Bard College  
Department: Ecology, Evolution and Organismal Biology  
Major: Bioinformatics and Computational Biology  
Dissertation: The mitochondrial ratchet: Examples from non-bilaterian animals

Nattapol Ploymaklam *Nonthaburi, Thailand*  
B.A. Swarthmore College  
M.S. Drexel University  
Department: Mathematics  
Major: Applied Mathematics  
Dissertation: Numerical superposition of Gaussian beams over propagating domain for high frequency waves and high-order invariant-preserving methods for dispersive waves

Aarthi Putarjunan *Bangalore, India*  
M.S. Birla Institute of Technology and Science  
Department: Genetics Development and Cell Biology  
Major: Genetics  
Dissertation: Genetic regulation of chloroplast biogenesis in Arabidopsis

Yumou Qiu *Chongqing, China*  
B.S. Beijing Normal University  
M.Econ. Beijing University  
Department: Statistics  
Major: Statistics  
Dissertation: Inference for high-dimensional covariance matrices and thresholding tests for high-dimensional count distributions

Niladri Roy Chowdhury *Kolkata, India*  
B.S. University of Calcutta  
M.S. University of Calcutta  
Department: Statistics  
Major: Statistics  
Dissertation: Explorations of the lineup protocol for visual inference: Application to high dimension, low sample size problems and metrics to assess the quality

Lisa Mae Ryherd *Fairbank, Iowa*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Human Development and Family Studies  
Major: Human Development and Family Studies  
Dissertation: Bullying and victimization: The role of parenting and childhood behavior across time

Amrut Govind Sadachar *Nagpur, India*  
B.Tex. University of Mumbai  
M.S. University of Massachusetts-Dartmouth  
Department: Apparel, Events, and Hospitality Management  
Major: Apparel, Merchandising, and Design  
Dissertation: Indian consumers' patronage intention toward shopping malls: Application of an experience economy perspective

Rungrat Saiyasombat *Bangkok, Thailand*  
D.V.M. Chulalongkorn University  
Department: Veterinary Microbiology and Preventive Medicine  
Major: Veterinary Microbiology  
Dissertation: Characterization of the transovarial transmission potential, tissue tropisms and genetic determinants of host specificity of single-host flaviviruses

Jaecil Shin *Seoul South Korea*  
B.S. Sungkyunkwan University  
M.S. Sungkyunkwan University  
Department: Biochemistry, Biophysics and Molecular Biology  
Major: Biochemistry  
Dissertation: Investigation of SNARE-mediated exocytosis controlled by synaptic regulatory proteins

Lucas John Showman *Shellsburg, Iowa*  
B.S. Iowa State University  
M.S. Iowa State University  
Department: Biochemistry, Biophysics and Molecular Biology  
Major: Biochemistry  
Dissertation: Metabolomics based gene function annotation in *Escherichia coli* and *Methanosarcina acetivorans* with genetic gain- or loss-of-function strains

††Suyog Shrestha *Sindhuli, Nepal*  
B.A. Grinnell College  
Department: Physics and Astronomy  
Major: High Energy Physics  
Dissertation: Search for pair produced new heavy quarks in proton-proton collisions with the ATLAS detector at the LHC

§Katie Marie Smith *Storm Lake, Iowa*  
B.A. Simpson College  
Department: Food Science and Human Nutrition  
Major: Nutritional Sciences  
Dissertation: The Blossom Project Online: Use of a behaviorally-based website to promote physical activity and prevent excessive gestational weight gain in previously sedentary pregnant women

§Lissa Denielle Stapleton *Columbus, Ohio*  
B.A. Wright State University  
M.S. University of Dayton  
School: Education  
Major: Education (Educational Leadership)  
Dissertation: The unexpected talented tenth: Black d/Deaf students thriving within the margins

§John Paul Stinn *Atlantic, Iowa*  
B.S. Iowa State University  
Department: Agricultural and Biosystems Engineering  
Major: Agricultural Engineering  
Dissertation: Environmental assessment and control towards improved swine breeding-gestation-farrowing operation in the Midwestern United States

Minghui Sun *Ames, Iowa*  
B.S. Laiyang Agriculture University  
M.Stat. North Carolina State University- Raleigh  
M.S. North Carolina State University- Raleigh  
Department: Agronomy  
Major: Plant Breeding  
Dissertation: Efficiency study of testing and selection in progeny-row yield trials and multiple-environment yield trials in soybean breeding

Lei Tang *Xuzhou, China*  
B.E. China University of Mining and Technology  
M.S. University of Science and Technology of China  
Department: Electrical and Computer Engineering  
Major: Electrical Engineering  
Dissertation: Dynamic security assessment processing system

††Elham Tavasoli *Tehran, Iran*  
Bach. Isfahan University of Technology  
M.S. Sharif University of Technology  
Department: Chemistry  
Major: Chemistry  
Dissertation: Surface modification of colloidal semiconductor nanocrystal quantum dots

Rory Sean Telemeco *Harrah, Okla.*  
B.S. University of Central Oklahoma  
M.S. University of Central Oklahoma  
Department: Ecology, Evolution and Organismal Biology  
Major: Ecology and Evolutionary Biology  
Dissertation: Here be dragons: Functional analyses of thermal adaptation and biogeography of reptiles in a changing world

- Bin Tong *Xu Chang, China*  
 B.S. Iowa State University  
 M.S. Iowa State University  
 Department: Civil, Construction and  
 Environmental Engineering  
 Major: Civil Engineering (Geotechnical  
 Engineering)  
 Dissertation: A study of effectiveness of  
 ground improvement for liquefaction  
 mitigation
- §Punit Jayant Tulpule *Pune, India*  
 B.S. University of Pune  
 M.S. University of Pune  
 Department: Mechanical Engineering  
 Major: Mechanical Engineering  
 Dissertation: Integrated Robust Optimal  
 Design (IROD) via sensitivity  
 minimization
- Miriam Brown Tyson *Waterloo, Iowa*  
 B.A. Wartburg College  
 M.P.P. University of Northern Iowa  
 School: Education  
 Major: Education (Educational Leadership)  
 Dissertation: Needs analysis and the role of  
 education in rural communities
- Bryon Alan Upton *Burlington, Iowa*  
 B.S. Iowa State University  
 Department: Biochemistry, Biophysics and  
 Molecular Biology  
 Major: Biochemistry  
 Dissertation: Biochemical characterization  
 of the biotin-dependent carboxylases,  
 acetyl-CoA carboxylase and  
 3-methylcrotonyl-CoA carboxylase
- Matthew Mark Van Hala *Orlando, Fla.*  
 B.S. University of Florida  
 Department: Statistics  
 Major: Statistics  
 Dissertation: On empirical likelihood  
 methods for irregularly located spatial  
 data
- §Kaige Wang *Huaiyang, China*  
 B.E. Tongji University  
 M.Engr Zhejiang University  
 Department: Mechanical Engineering  
 Majors: Mechanical Engineering and  
 Biorenewable Resources and Technology  
 Dissertation: Pyrolysis and catalytic  
 pyrolysis of protein- and lipid-rich  
 feedstock
- §Xiao Wang *Nanjing, China*  
 B.S. Dalian University of Technology  
 Department: Materials Science and  
 Engineering  
 Major: Materials Science and Engineering  
 Dissertation: Modeling crack growth and  
 phase separation in soft materials: A  
 finite strain phase field approach to  
 microscopic surfaces and interfaces
- ††Robert Dennis Watkins *Smithfield, Utah*  
 B.A. Utah State University  
 M.A. Utah State University  
 Department: English  
 Major: Rhetoric and Professional  
 Communication  
 Dissertation: Sequential rhetoric: Teaching  
 comics as visual rhetoric
- §Seth James Wenner *Saint Cloud, Minn.*  
 B.S. University of St. Thomas  
 Department: Plant Pathology and  
 Microbiology  
 Major: Microbiology  
 Dissertation: Hydrating the *Pseudomonas*  
*aeruginosa* periplasm under desiccating  
 conditions
- Cyndi Wiley *Des Moines, Iowa*  
 B.A. University of Missouri-Columbia  
 M.F.A. Iowa State University  
 Department: Graphic Design  
 Major: Human Computer Interaction  
 Dissertation: Teaching, connecting, and  
 having fun: The interplay between  
 empathy, play, and comics in graphic  
 design higher education
- §Miko Maria Wilford *Cedar Rapids, Iowa*  
 B.A. Iowa State University  
 B.S. Iowa State University  
 M.S. Iowa State University  
 Department: Psychology  
 Major: Psychology  
 Dissertation: Bluffed by the dealer:  
 Distinguishing false pleas from false  
 confessions
- Sarah Elizabeth Willis *Dubuque, Iowa*  
 B.S. Loras College  
 Department: Physics and Astronomy  
 Major: Astrophysics  
 Dissertation: Star formation in massive  
 Milky Way molecular clouds: Building a  
 bridge to distant galaxies

Asregedew K. Woldeesenbet  
*Addis Ababa, Ethiopia*  
B.S. Bahir Dar University  
M.S. Oklahoma State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Construction  
Engineering and Management)  
Dissertation: Highway infrastructure  
data and information integration and  
assessment framework:

Ka Yang  
*Jining, China*  
B.E. Harbin Institute of Technology  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering  
Dissertation: Protection of access privacy in  
un-trusted storage

Kam Leung Yeung  
*Hong Kong*  
B.S. Cornell University  
M.S. Iowa State University  
Department: Psychology  
Major: Psychology  
Dissertation: Exploring the origin of pain  
of payment in cash and its relevance to  
computer payment interface

†† DongGyu Yi  
*Seoul, South Korea*  
B.A. Seoul National University  
M.A. Seoul National University  
Department: Economics  
Major: Economics  
Dissertation: Three studies on  
environmental valuation

Duk Hee Yoon  
*Seoul, South Korea*  
B.S. Yonsei University  
M.S. University of Southern California  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering  
Dissertation: Physical layer security  
against pollution attack in wireless relay  
networks using random network coding

## MASTER OF ACCOUNTING

---

Hashem Haitham Alanani  
*Ames, Iowa*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

Lindsey Marie Demro  
*Marengo, Iowa*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

Torrin Joseph O'Brien  
*Apple Valley, Minn.*  
B.S. Iowa State University  
Department: Accounting  
Major: Accounting

Amy JoAnn Pilcher  
*Ames, Iowa*  
B.B.A. Mount Mercy University  
Department: Accounting  
Major: Accounting

## MASTER OF ARCHITECTURE

---

Xianli Zeng  
*Chongqing, China*  
B.S. Logistical Engineering University  
Department: Architecture  
Major: Architecture

## MASTER OF ARTS

---

Zachary Robert Bonner *West Burlington, Iowa*  
B.S. Iowa State University  
Department: Political Science  
Major: Political Science  
Thesis: Racism and the Voting Rights Act of 1965: A natural experiment in Wa and Guilford counties in North Carolina

Bethany May Melendy *Dumont, Iowa*  
B.A. Sweet Briar College  
Department: Anthropology  
Major: Anthropology  
Thesis: Borrowing a home: Palestinian women's agency in forming national identity

Lynn Heuss *Des Moines, Iowa*  
B.A. Grand View University  
Department: Political Science  
Major: Political Science  
Thesis: Farm to school programs: Is there a connection to the implementation of wellness policies at the elementary school building level?

Hope Cathryn Mitchell *Ankeny, Iowa*  
B.S. Iowa State University  
Department: History  
Major: History  
Thesis: Sacrificing our daughters: Changing perceptions of prostitution in Iowa, 1880-1915

## MASTER OF ARTS IN TEACHING

---

Benjamin Peter Hansen *Rochester, Minn.*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Divya R. Mekala *Maplewood, Minn.*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Matthew W. Hennes *Davenport, Iowa*  
B.S. St. Ambrose University  
School: Education  
Major: Science Education

Kaitlyn Leigh Peters *Fort Dodge, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Allison Renae Jaycox *Worthington, Minn.*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Geoffrey Stephen Root *Schofield, Wis.*  
B.S. University of Wisconsin-Eau Claire  
School: Education  
Major: Science Education

Matthew Jon Juber *Sibley, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Allen Lee Schwery *Panama, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Taylor Christopher May *Council Bluffs, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Science Education

Michael Henry Weber *Early, Iowa*  
B.S. Iowa State University  
B.S. Iowa State University  
School: Education  
Major: Science Education

# MASTER OF BUSINESS

---

Benjamin Joseph Garvey *West Des Moines, Iowa*  
B.A. Iowa State University  
Department: Business Administration  
Major: Business Administration

John E. Gift *Port of Spain, Trinidad and Tobago*  
B.B.A. Howard University  
Department: Business Administration  
Major: Business Administration

Sara Esch Houlihan *Ankeny, Iowa*  
B.S. Edgewood College  
Department: Business Administration  
Major: Business Administration (Finance)

Kristie Lynn Koerner *Ames, Iowa*  
B.A. University of Northern Iowa  
Department: Business Administration  
Major: Business Administration

Gagandeep Kaur Lamba *Johnston, Iowa*  
B.A. Panjab University  
M.A. Panjab University  
M.S. Alabama A&M University  
Department: Business Administration  
Major: Business Administration

Rachael Lee Larson *Ankeny, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Juston Michael Lisk *West Des Moines, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Daniel Logue *Des Moines, Iowa*  
B.A. Grand View University  
Department: Business Administration  
Major: Business Administration

Verónica Martín Ruiz *Almunecar, Spain*  
Licen. University of Granada  
M.A. Monterey Institute of International  
Studies  
Department: Business Administration  
Major: Business Administration (Marketing)

Max Lee Mayfield *Davenport, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Justin James Mease *Ankeny, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Chad William Mickelson *Pleasant Hill, Iowa*  
B.L.S. Iowa State University  
Department: Business Administration  
Major: Business Administration (Marketing)

Nicole Elizabeth West *Adel, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

Bethany L. Wilcke *Johnston, Iowa*  
B.A. Concordia University  
Department: Business Administration  
Major: Business Administration

Brenton John Wilson *Creston, Iowa*  
B.S. Iowa State University  
Department: Business Administration  
Major: Business Administration

## MASTER OF COMMUNITY AND REGIONAL PLANNING

---

Jelili Adegboyega Adebisi      *Lagos, Nigeria*  
B.S. University of Lagos  
M.Hum.S. International Islamic University-  
Malaysia  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning  
Thesis: Organic agriculture development  
strategies in Tunisia and Uganda: Lessons  
for African organics

Johnny G. Alcívar Zúñiga      *Quito, Ecuador*  
B.A. Iowa State University  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning

Joseph Wilfred Drahos      *Belle Plaine, Iowa*  
B.A. Iowa State University  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning

Lydia Rae Levinson      *Ames, Iowa*  
B.S. Iowa State University  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning  
Thesis: Taking back the commons:  
Motivating factors for the local control of  
GMOs

Xianli Zeng      *Chongqing, China*  
B.S. Logistical Engineering University  
Department: Community and Regional  
Planning  
Major: Community and Regional Planning

## MASTER OF EDUCATION

---

Sherena L. Abercumbia      *Dallas, Tex.*  
B.A. Hampton University  
School: Education  
Major: Education (Higher Education)

Michael Jason Annese      *Denver, Colo.*  
B.A. Colorado State University  
School: Education  
Major: Education (Higher Education)

Brittany LoRayne Margaret Bower  
*Muscatine, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Mathematics Licensure)

Brett Thomas Bueker      *Ames, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Higher Education)

Kimberly Jo Cobb      *Panora, Iowa*  
B.L.S. Iowa State University  
School: Education  
Major: Education (Mathematics Licensure)

Justin Michael Colbert      *Altoona, Iowa*  
B.S. Drake University  
M.A.T. Morningside College  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Michael Ryan Donahue      *Des Moines, Iowa*  
B.S. University of Iowa  
B.A. University of Iowa  
School: Education  
Major: Education (Higher Education)

Thomas Mikel Fields      *Waverly, Iowa*  
B.A. Wartburg College  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Tyler John-Allen Hansen      *Ames, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Higher Education)

Charles Edward Henry Jr.      *Canton, Mich.*  
B.A. Madonna University  
School: Education  
Major: Education (Higher Education)

Kristyn Kay Kell      *Conrad, Iowa*  
B.A. Loras College  
M.Educ Buena Vista University  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Christopher M. Krueger *Denver, Iowa*  
B.A. University of Northern Iowa  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Thomas James Lamansky *Eldon, Iowa*  
B.A. University of Northern Iowa  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Chad Alan Larue *Ottumwa, Iowa*  
B.A. Buena Vista University  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Joshua Joe Lullmann *Indianola, Iowa*  
B.A. Simpson College  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Cornell Theartis Mann *Ames, Iowa*  
B.A. University of Akron  
School: Education  
Major: Education (Higher Education)

Shawn Marie Miller *Buffalo Center, Iowa*  
B.A. Iowa State University  
B.A. Buena Vista University  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Derrick Jung Moeller *Kearney, Mo.*  
B.S. Iowa State University  
School: Education  
Major: Education (Student Affairs)

Micah Mark Monroe *Dysart, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Jason Joel Nolting *Altoona, Iowa*  
B.A. University of Iowa  
School: Education  
Major: Education (Educational  
Administration (Practitioner))

Paul Robert Perkins *West Des Moines, Iowa*  
B.S. Iowa State University  
School: Education  
Major: Education (Mathematics Licensure)

Ethan Richard Russom *Superior, Wis.*  
B.S. University of Wisconsin-Superior  
School: Education  
Major: Education (Student Affairs)

Tami Elizabeth Ryan *Ames, Iowa*  
B.A. Iowa State University  
School: Education  
Major: Education

Kelsey M. Staudacher *Indianola, Iowa*  
B.A. University of Northern Iowa  
School: Education  
Major: Education (Mathematics Licensure)

Debra Kaye Versteeg *Waverly, Iowa*  
B.A. Augustana College  
School: Education  
Major: Education (Curriculum and  
Instructional Technology)

## MASTER OF ENGINEERING

---

Justin Alexander Bahaj *Peoria, Ill.*  
A.B. Washington University  
M.S. Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Matthew David Baird *Canton, S. Dak.*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Mark Anthony Behm *Fulshear, Tex.*  
B.S. Iowa State University  
Department: Chemical and Biological  
Engineering  
Major: Chemical Engineering

Imran Ahmed Butt *Lahore, Pakistan*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Mengqian Ding *Nanjing, China*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering

Thomas Richard Grote *Dunlap, Iowa*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering



Uttam Gurung *Coralville, Iowa*  
B.S. Iowa Wesleyan College  
Departments: Industrial and Manufacturing  
Systems and Electrical and Computer  
Engineering  
Majors: Systems Engineering and Computer  
Engineering

Jordan Anthony Gustafson *Roland, Iowa*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)

Rachel Lynn Houser *Prior Lake, Minn.*  
B.S. North Dakota State University  
M.B.A. University of Iowa  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Bernard Coutroulis Johnson II  
*Birmingham, Ala.*  
B.S. Tennessee State University  
M.B.A. Bethel College  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Dhruv Kar *Fairfield, Iowa*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Information Assurance

Matthew McDonough Kieffer  
*Beaver Dam, Wis.*  
B.A. St. Olaf College  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Hyongdong Leo Kim *Las Vegas, Nev.*  
B.S. U.S. Air Force Academy  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Laura Renee Knispel *Grimes, Iowa*  
B.S. South Dakota School of Mines and  
Technology  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Construction  
Engineering and Management)

Taylor Nicholas Kvidera *Traer, Iowa*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)

David Louis *Everett, Wash.*  
B.S. Florida A&M University  
M.S. Embry-Riddle Aeronautical University  
M.B.A. Embry-Riddle Aeronautical  
University  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

Nathan Dean Miller *Des Moines, Iowa*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Srinivasan Natarajan *Milpitas, India*  
B.Tech. Pondicherry University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Robert John Nitz *Cherokee, Iowa*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Matthew Lee Regennitter *Ankeny, Iowa*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Bhavik G. Shah *Hiawatha, Iowa*  
B.S. New Jersey Institute of Technology  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

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

Victor S. Sierra *Waukee, Iowa*  
B.S. University of Kansas  
B.S. University of Kansas  
M.B.A. University of Iowa  
Department: Industrial and Manufacturing  
Systems  
Major: Systems Engineering

David Mark Sikorski *Davenport, Iowa*  
B.S. Iowa State University  
Department: Aerospace Engineering  
Major: Aerospace Engineering

Vikram Shrikant Vyawahare      *Amravati, India*  
B.E. Amravati University  
M.Engr Asian Institute of Technology  
Department: Mechanical Engineering  
Major: Mechanical Engineering

Matthew Leslie Weber      *Cedar Rapids, Iowa*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Computer Engineering

Luyi Wang      *Lanzhou, China*  
B.E. University Shanghai for Science and  
Technology  
Department: Industrial and Manufacturing  
Systems  
Major: Industrial Engineering

## MASTER OF FAMILY AND CONSUMER SCIENCES

---

Crystal Leigh Tallman      *Ankeny, Iowa*  
B.S. Iowa State University  
Department: Family and Consumer Sciences  
Major: Family and Consumer Sciences  
(Dietetics)

## MASTER OF FINE ARTS

---

Edward Joseph Cupps      *Dubuque, Iowa*  
B.L.S. Iowa State University  
Department: Graphic Design  
Major: Graphic Design  
Thesis: Introducing transdisciplinary  
design thinking in early undergraduate  
education to facilitate collaboration and  
innovation

Wyeth Haglan Lynch      *Prole, Iowa*  
B.A. Morningside College  
Department: Integrated Studio Arts  
Major: Integrated Visual Arts  
Thesis: Constructing realities

## MASTER OF INDUSTRIAL DESIGN

---

Jean Hyo Jin Kim      *Cedar Rapids, Iowa*  
B.L.A. Iowa State University  
Department: Industrial Design  
Major: Industrial Design

Michael Jonathan Tschampl      *Ames, Iowa*  
B.A. Briar Cliff University  
Department: Industrial Design  
Major: Industrial Design  
Thesis: Interaction design strategies for  
open-ended play

## MASTER OF SCHOOL MATHEMATICS

---

Callie Jo Budden *Dyersville, Iowa*  
B.A. University of Northern Iowa  
Department: Mathematics  
Major: School Mathematics

Annie Elizabeth Carpenter *Boone, Iowa*  
B.A. University of Iowa  
Department: Mathematics  
Major: School Mathematics

Robbie Dale Cundy *Sioux Center, Iowa*  
B.A. Northwestern College  
Department: Mathematics  
Major: School Mathematics

Matthew Aaron Jacobs *Maxwell, Iowa*  
B.S. Culver-Stockton College  
Department: Mathematics  
Major: School Mathematics

Sarah Nicole Jacques *Sioux City, Iowa*  
B.S. South Dakota State University  
Department: Mathematics  
Major: School Mathematics

## MASTER OF SCIENCE

---

Jelili Adegboyega Adebisi *Lagos, Nigeria*  
B.S. University of Lagos  
M.Hum.S. International Islamic University-  
Malaysia  
Department: Community and Regional  
Planning  
Major: Sustainable Agriculture  
Thesis: Organic agriculture development  
strategies in Tunisia and Uganda: Lessons  
for African organics

Lailatul Qamar Ali Husin *Ipoh, Malaysia*  
Bach. University Malaysia Sabah  
Department: Human Development and  
Family Studies  
Major: Human Development and Family  
Studies  
Thesis: Father absence and early sexual  
debut: Understanding the influence of  
gender, risk, and protective factors

Kendra Alicia Allen *Chicago, Ill.*  
B.S. University of Wisconsin-Madison  
Department: Agricultural and Biosystems  
Engineering  
Major: Agricultural and Biosystems  
Engineering  
Thesis: Study of mechanical and thermal  
properties of soy flour elastomers

Israel Almodovar Rivera *Bayamon, Puerto Rico*  
B.S. University of Puerto Rico-Rio Piedras  
M.S. University of Puerto Rico-Rio Piedras  
Department: Statistics  
Major: Statistics

Ignacio Alvarez Castro *Montevideo, Uruguay*  
Licen. University of the Republic  
Licen. University of the Republic  
Department: Statistics  
Major: Statistics

Alyse Sydney Anderegg *Charles City, Iowa*  
B.S. Iowa State University  
Department: Food Science and Human  
Nutrition  
Major: Diet and Exercise  
Thesis: The protective effect of resistant  
starch in type 1 diabetic rats

Samuel James Anderson *Corwith, Iowa*  
B.S. Iowa State University  
Department: Plant Pathology and  
Microbiology  
Major: Plant Pathology  
Thesis: Real-time PCR analysis of maize  
seedlings for assessment of seed treatment  
efficacy and genetic resistance to infection  
by *Sphacelotheca reiliana*

Steven Michael Anderson *Oskaloosa, Iowa*  
B.S. Iowa State University  
Department: Kinesiology  
Major: Kinesiology

Usman Anwar *Cedar Rapids, Iowa*  
B.S. University of Iowa  
Department: Natural Resources and Ecology  
Management  
Major: Sustainable Agriculture  
Thesis: Soil moisture patterns and hydraulic  
properties associated with alternative  
biomass cropping systems across a  
landscape gradient

- Supipi Liyamali Auwardt *Kandy, Sri Lanka*  
 Sp. Bach. University of Peradeniya  
 Department: Chemistry  
 Major: Chemistry  
 Thesis: Use of RNA aptamers for enhanced drug therapy and imaging
- Rui Bai *Taiyuan, China*  
 B.S. Iowa State University  
 Department: Electrical and Computer Engineering  
 Major: Electrical Engineering  
 Thesis: Effects of nonideal characteristics of substrate BJT on bandgap reference circuit
- Sneha Anil Bankar *Solapur, India*  
 B.E. University of Pune  
 Department: Computer Science  
 Major: Computer Science  
 Thesis: Automatic verification of interactions in asynchronous systems with unbounded buffers
- Batzaya Batsaikhan *Ulaanbaatar, Mongolia*  
 B.Tech. Mongolia University of Science and Technology  
 School: Education  
 Major: Human Computer Interaction  
 Thesis: nobile: Design and evaluation of a persuasive technology application for social behavior change
- § Tyler Ray Bell *Marshalltown, Iowa*  
 B.S. Iowa State University  
 Department: Mechanical Engineering  
 Major: Human Computer Interaction  
 Thesis: High-quality, real-time 3D video visualization in head mounted displays
- Samuel Gary Benidt *Sisseton, S. Dak.*  
 B.A. Concordia College  
 Department: Statistics  
 Major: Statistics
- Aaron Michael Bertram *Ames, Iowa*  
 B.S. Iowa State University  
 Department: Mechanical Engineering  
 Major: Mechanical Engineering  
 Thesis: A novel particle swarm and genetic algorithm hybrid method for improved heuristic optimization of diesel engine performance
- Justin Joseph Bisinger *Monmouth, Iowa*  
 B.S. Iowa State University  
 Department: Animal Science  
 Majors: Nutritional Sciences and Environmental Science  
 Thesis: Grazing management effects on environmental quality of riparian and upland grassland ecosystems
- Alexander M. Boechler *Sun Prairie, Wis.*  
 B.S. University of Wisconsin-Platteville  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Structural Engineering)
- Moria Ann Borys *Greeley, Colo.*  
 B.A. Barnard College-Columbia University  
 D.V.M. Colorado State University  
 Department: Veterinary Microbiology and Preventive Medicine  
 Major: Veterinary Microbiology  
 Thesis: Development of an in vitro model and fluorescent protein expression system for the study of highly abortigenic *Campylobacter jejuni*
- Daniel Mark Braaten *Grand Rapids, Minn.*  
 B.A. University of Minnesota-Morris  
 Department: Agronomy  
 Major: Agronomy
- Lydia Marie Brawner *Hartley, Iowa*  
 B.S. Iowa State University  
 Department: Interdisciplinary Graduate Studies  
 Major: Interdisciplinary Graduate Studies (Social Sciences)
- Melissa Marie Brincks *Ossian, Iowa*  
 B.S. University of Wisconsin-Platteville  
 Department: Agricultural Education and Studies  
 Major: Agricultural Education
- Samantha Kay Bristol *Lone Tree, Colo.*  
 B.S. Juniata College  
 Department: Geological and Atmospheric Sciences  
 Major: Geology
- Shan R. Buckley *Flint, Mich.*  
 B.S. Ferris State University  
 Department: Interdisciplinary Graduate Studies  
 Major: Interdisciplinary Graduate Studies (Community Development)
- Sarah Marie Budrus *Huntington, W. Va.*  
 B.A. Hollins College  
 Department: Statistics  
 Major: Statistics

§ Aimee Elizabeth Burch *Springfield, Ill.*  
B.A. University of Illinois-Springfield  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: Sourcing and framing the 2012  
battle for the White House: A student  
media analysis

Brandon Henry Carpenter *Ames, Iowa*  
B.S. Iowa State University  
Department: Horticulture  
Major: Horticulture  
Thesis: Biochar's fitness as an amendment  
in bell pepper transplant and field  
production

Benjamin David Carr *Tualatin, Oreg.*  
B.S. Metropolitan State College of Denver  
Department: Agronomy  
Major: Agricultural Meteorology  
Thesis: Evaluation of an agroecosystem  
model using cosmic-ray neutron soil  
moisture

Swapnanjan Chatterjee *Kolkata, India*  
B.Tech. West Bengal University of  
Technology  
Department: Computer Science  
Major: Computer Science  
Thesis: DrAGON: A framework for  
computing preferred defense policies from  
logical attack graphs

Jiahao Chen *Huzhou, China*  
B.E. Tongji University  
Department: Materials Science and  
Engineering  
Major: Materials Science and Engineering  
Thesis: Evaluating thermal imaging for  
identification and characterization of  
solar cell defects

Yingying Chen *Shenyang, China*  
B.E. Wuhan University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering

Carrie Michelle Chennault *Austin, Tex.*  
B.A. University of Texas at Austin  
B.B.A. University of Texas at Austin  
Department: Natural Resources and Ecology  
Management  
Major: Sustainable Agriculture  
Thesis: People in ecosystems/watershed  
integration: Visualizing ecosystem  
services tradeoffs in agricultural  
landscapes

Robyn Cyndy Christensen *Greene, Iowa*  
B.A. University of Northern Iowa  
Department: Human Development and  
Family Studies  
Major: Human Development and Family  
Studies

Yin Chu *Taizhou, China*  
B.S. Yangzhou University  
Department: Apparel, Events, and  
Hospitality Management  
Major: Hospitality Management  
Thesis: A review of studies on luxury hotels  
over the past two decades

Rayma Anne Cooley *Rohnert Park, Calif.*  
B.A. Sonoma State University  
Department: Natural Resources and Ecology  
Management  
Major: Forestry  
Thesis: Use of remote sensing to quantify  
forest response following a wildfire in  
northeast Minnesota

James M. Curro *Londonderry, N.H.*  
B.S. St. Lawrence University  
Department: Statistics  
Major: Statistics

†† Hongtao Dang *Lanzhou, China*  
B.S. Iowa State University  
Department: Civil, Construction and  
Environmental Engineering  
Major: Civil Engineering (Structural  
Engineering)  
Thesis: Methods for removing concrete  
decks from steel girder bridges

Monica Rose Degan *Roseville, Minn.*  
B.A. Gustavus Adolphus College  
Department: Statistics  
Major: Statistics

Camron Suzann Devor *Iowa City, Iowa*  
B.S. Iowa State University  
Department: Sociology  
Major: Sociology  
Thesis: Parental divorce, educational  
expectations, and children's post-  
baccalaureate educational attainment

Patrick Steven Dilsaver *Cheyenne, Wyo.*  
B.S. University of Wyoming  
Department: Chemistry  
Major: Chemistry  
Thesis: Cu<sub>2</sub>ZnSnS<sub>4</sub>-Au heterostructures:  
Toward green photocatalytic materials  
active under visible light

Braden Ray Everding *Tripoli, Iowa*  
B.A. Simpson College  
Department: Kinesiology  
Major: Kinesiology  
Thesis: Association of sleep and inflammation in law enforcement

Caitlin A. Farris *St. Michaels, Md.*  
B.A. Wells College  
Department: Genetics Development and Cell Biology  
Major: Genetics  
Thesis: Starting small: Transcriptomics with single and small populations of cells

Preston Alec Gable *Hartley, Iowa*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Majors: Mechanical Engineering and Biorenewable Resources and Technology  
Thesis: The effect of process variables on pyrolysis in a freefall reactor

Elise Gallet De St Aurin *Atkins, Iowa*  
B.S. Iowa State University  
Department: Agricultural Education and Studies  
Major: Agricultural Education (Agricultural Extension Education)  
Thesis: Production information needs of American Boer Goat Association members in the Midwestern United States

Laura Sue Glas *Urbandale, Iowa*  
B.A. Iowa State University  
Department: Sociology  
Major: Sociology  
Thesis: Analysis of the propensity of employment on recidivism among parolees in Iowa

Liuhui Guo *Lanzhou, China*  
B.S. Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Geotechnical Engineering)  
Thesis: Investigation of soil stabilization using biopolymers

Angelica Maria Gutierrez *Lima, Peru*  
B.S. Iowa State University  
B.S. Iowa State University  
Department: Food Science and Human Nutrition  
Major: Food Science and Technology  
Thesis: Effects of lipid oxidation initiators and antioxidants on the total antioxidant capacity of milk and oxidation products during storage

Guang Han *Harbin, China*  
B.Agron Northeast Agricultural University  
Department: Agricultural Education and Studies  
Major: Agricultural Education (Agricultural Extension Education)  
Thesis: Perceptions of secondary school agriculture teachers regarding biomass production education in Iowa

Ruya Han *Taiyuan, China*  
B.Itm. Macau University of Science and Technology  
Department: Apparel, Events, and Hospitality Management  
Major: Hospitality Management  
Thesis: Hotel employees' perceptions of supervisors' servant leadership behaviors, and relationships with employees' affective commitment

Matie Nicole Hanson *Nevada, Iowa*  
B.S. Iowa State University  
Department: Animal Science  
Major: Animal Science  
Thesis: Effects of exogenous enzymes and direct-fed microbial on broiler performance and nutrient digestibility when fed variable inclusions of soy products

Christy Jo Hanthorn *Leon, Iowa*  
B.S. Iowa State University  
D.V.M. Iowa State University  
Department: Veterinary Diagnostic and Production Animal Medicine  
Major: Veterinary Preventive Medicine  
Thesis: Pathogenicity of *Bibersteinia trehalosi* in bovine calves

Rachel Ann Hatteberg *Ham Lake, Minn.*  
B.S. Iowa State University  
Department: Geological and Atmospheric Sciences  
Major: Meteorology  
Thesis: Analysis of surface wind speed distributions: A look into NARCCAP models and ASOS data throughout the Contiguous United States

Melanie Kate Hayr *Auckland, New Zealand*  
B.S. University of Auckland  
Department: Animal Science  
Major: Animal Breeding and Genetics  
Thesis: Statistical analyses of milk traits in the New Zealand dairy cattle population

Matthew David Heimann *Westmont, Ill.*  
B.S. Iowa State University  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Structural Engineering)

- Megan Lynn Hovey *Adel, Iowa*  
 B.S. Iowa State University  
 Department: Chemistry  
 Major: Inorganic Chemistry  
 Thesis: Ligand strategies for green chemistry: Catalysts for amide reduction and hydroamination
- Chanmi Hwang *Sylvania, Ohio*  
 B.F.A. Fashion Institute of Technology  
 Department: Apparel, Events, and Hospitality Management  
 Major: Apparel, Merchandising, and Design  
 Thesis: Consumers' acceptance of wearable technology: Examining solar-powered clothing
- David Adam Ingber *Maybrook, N.Y.*  
 B.S. State University of New York at Oswego  
 Department: Entomology  
 Major: Entomology  
 Thesis: Characterization of Cry3Bb1 resistance in field-derived strains of western corn rootworm (Coleoptera: Chrysomelidae)
- Omesh Johar *Dehradun, India*  
 B.Tech. Indian Institute of Technology-Bombay  
 M.S. Iowa State University  
 Department: Statistics  
 Major: Statistics
- John Paul Just *Des Moines, Iowa*  
 B.S. Iowa State University  
 Department: Agricultural and Biosystems Engineering  
 Major: Agricultural Engineering  
 Thesis: A non-contact volumetric based approach using a stereo camera for measuring yield on sugarcane harvesters
- Philippe Kalmogo *Ouagadougou, Burkina Faso*  
 B.S. University of Wisconsin-Platteville  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Structural Engineering)
- Xinlei Ke *Taizhou, China*  
 B.Law Nanjing University  
 Department: Sociology  
 Major: Sociology  
 Thesis: The civic engagement of social media users in air quality issues in Beijing, China
- Phuong Nam Kieu *Hanoi, Vietnam*  
 B.A. Colgate University  
 Department: Economics  
 Major: Economics
- Alison Elinor King *Lawrence, Kans.*  
 B.A. University of Kansas  
 Department: Ecology, Evolution and Organismal Biology  
 Majors: Environmental Science and Sustainable Agriculture  
 Thesis: Multifunctional agriculture: Root and nitrogen dynamics in two alternative systems
- Nicole Frances Kingsley *Pavilion, N.Y.*  
 B.A. State University of New York at Geneseo  
 Department: Mathematics  
 Major: Mathematics
- Ann Christine Klein *Waukeez, Iowa*  
 B.S. Iowa State University  
 Department: Agricultural and Biosystems Engineering  
 Major: Agricultural and Biosystems Engineering  
 Thesis: Mechanism for compaction and densification of large stover modules
- Nathan Alan Kleppe *Manchester, Iowa*  
 B.S. Iowa State University  
 Department: Materials Science and Engineering  
 Major: Materials Science and Engineering  
 Thesis: Dielectric characterization of high-performance spaceflight materials
- Michael Drew Kurtz *Bettendorf, Iowa*  
 B.S. Iowa State University  
 Department: Aerospace Engineering  
 Major: Aerospace Engineering  
 Thesis: Acoustic timescale characterization of hot spot detonability
- John Travis Lane *Somerset, Ky.*  
 B.B.A. University of Kentucky  
 Department: Interdisciplinary Graduate Studies  
 Major: Interdisciplinary Graduate Studies (Community Development)
- Megan Jolynn Lane *Toulon, Ill.*  
 B.S. Illinois State University  
 Department: Agronomy  
 Major: Agronomy
- Youngji Lee *Andong, South Korea*  
 B.F.A. Keimyung University  
 Department: Apparel, Events, and Hospitality Management  
 Major: Apparel, Merchandising, and Design  
 Thesis: Older women's experiences with online apparel shopping

Lydia Rae Levinson *Ames, Iowa*  
B.S. Iowa State University  
Department: Community and Regional  
Planning  
Major: Sustainable Agriculture  
Thesis: Taking back the commons:  
Motivating factors for the local control of  
GMOs

Shuangshuang Li *Shanghai, China*  
B.S.E. Donghua University  
Department: Apparel, Events, and  
Hospitality Management  
Major: Apparel, Merchandising, and Design

Jenny Ann Lichty *Waterloo, Iowa*  
B.S. Iowa State University  
Department: Agricultural Education and  
Studies  
Major: Agricultural Education  
Thesis: Iowa agricultural educators' current  
grading practices and perceptions of  
standards-based grading

Ha Jeong Lim *Seoul, South Korea*  
B.S. Seoul National University of Science  
and Technology  
M. Engr Korea University  
Department: Computer Science  
Major: Computer Science

Jasmine Lopez *Lehigh Acres, Fla.*  
B.S.A. University of Puerto Rico-Mayaguez  
Department: Agronomy  
Major: Plant Breeding

Elizabeth Marguerite Luby *Alexandria, Va.*  
B.S. Virginia Polytechnic Institute and State  
University  
Department: Agricultural and Biosystems  
Engineering  
Major: Agricultural and Biosystems  
Engineering  
Thesis: Fate and transport of antibiotic  
resistant bacteria and resistance genes  
in artificially drained agricultural fields  
receiving swine manure application

Shan Luo *Fuzhou, China*  
B.A. Fujian Normal University  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: Cross-cultural differences between  
American and Chinese college students  
on self-disclosure on social media

Arvind Madhavan *Chennai, India*  
B.S. Birla Institute of Technology and  
Science  
M.S. Birla Institute of Technology and  
Science  
Department: Computer Science  
Major: Computer Science  
Thesis: Semi automated user acceptance  
testing using natural language techniques

Benjamin Thomas Magstadt *Lincoln, Neb.*  
B.S. Iowa State University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Thesis: Relaxing the requirements  
for accurate spectral testing of data  
converters

Roshani Malla *Kathmandu, Nepal*  
B.S. Tribhuvan University  
M.S. Tribhuvan University  
Department: Community and Regional  
Planning  
Major: Sustainable Agriculture  
Thesis: Agricultural technologies for  
marginal farming systems in Asia:  
Adoption and diffusion of SALT in the  
Philippines and SRI in India

Shelby Ann Miller *Omaha, Neb.*  
B.S. Iowa State University  
Department: Food Science and Human  
Nutrition  
Major: Diet and Exercise

Lucas Raphael A. Mutti *Ames, Iowa*  
B.S. Iowa State University  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Numerical simulation of a  
comprehensive 1-D building energy  
model and conjugate heat transfer  
analysis on the internal flow field at the  
Harran houses in southern Turkey for a  
brick corbelled internal surface

Srijita Patra *Ames, Iowa*  
B.Tech. West Bengal University of  
Technology  
M.S. Indian Institute of Technology-  
Kharagpur  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Thesis: Effects of electrical, thermal and  
thermal gradient stress on reliability of  
metal interconnects



- †† Di Pei *Ames, Iowa*  
 B.A. Jiangxi University of Finance and Economics  
 M.S. University of Illinois-Urbana Champaign  
 School: Journalism and Mass Communication  
 Major: Journalism and Mass Communication  
 Thesis: Individual rights and government control: A qualitative study of China's censorship
- Rebecca Ann Reeves *Damascus, Md.*  
 B.S. University of Maryland-Baltimore County  
 Department: Natural Resources and Ecology Management  
 Major: Wildlife Ecology  
 Thesis: Amphibian stress, survival, and habitat quality in restored agricultural wetlands in central Iowa
- Leah Beth Riesselman *Carroll, Iowa*  
 B.S. Iowa State University  
 Department: Horticulture  
 Major: Horticulture  
 Thesis: Photosynthetically active radiation and root-zone temperature effects on high-tunnel primocane red raspberry growth and development
- Dylan Paul Rolfes *Granger, Iowa*  
 B.S. Iowa State University  
 Department: Horticulture  
 Major: Horticulture  
 Thesis: The effects of canopy management practices on fruit quality of northern-hardy interspecific hybrids of *Vitis* spp.
- Prashanth Sampath Kumar *Erode, India*  
 B.E. Anna University  
 Department: Computer Science  
 Major: Computer Science
- Kyrstin Alicia Shadle *Coal Township, Pa.*  
 B.A. Susquehanna University  
 Department: Economics  
 Major: Economics  
 Thesis: The effects of skill acquisition in youth jobs on future work and earnings
- Lu Shen *Da Lian, China*  
 B.Eng. Jilin University  
 M.S. Jilin University  
 PH.D. Iowa State University  
 Department: Statistics  
 Major: Statistics
- Alex Shum *Honolulu, Hawaii*  
 B.A. University of Puget Sound  
 Department: Statistics  
 Major: Statistics
- Cigdem Simsek *Ames, Iowa*  
 B.S. Iowa State University  
 Department: Apparel, Events, and Hospitality Management  
 Major: Apparel, Merchandising, and Design
- Mollie Margaret Smith *Emmetsburg, Iowa*  
 B.S. Iowa State University  
 Department: Food Science and Human Nutrition  
 Major: Diet and Exercise
- Chunhui Song *Lanzhou, China*  
 B.S. Iowa State University  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Structural Engineering)  
 Thesis: Strain decomposition for the soft elastomeric capacitors (SECs) network and investigation of sensor placement's effect on estimating accuracy
- Jaekyun Song *Ames, Iowa*  
 B.S. Seoul National University  
 Department: Biochemistry, Biophysics and Molecular Biology  
 Major: Biophysics  
 Thesis: A single molecular study of the regulation of SNARE-mediated membrane fusion
- Alexander Lee Spicher *Nevada, Iowa*  
 B.S. Iowa State University  
 Department: Materials Science and Engineering  
 Major: Materials Science and Engineering  
 Thesis: Effects of aluminum additions to gas atomized reaction synthesis produced oxide dispersion strengthened alloys
- Charles Perry Strehlow *Urbana, Ill.*  
 B.S. Ithaca College  
 Department: Physics and Astronomy  
 Major: Condensed Matter Physics
- Patrick James Sullivan *Dubuque, Iowa*  
 B.S. Iowa State University  
 Department: Civil, Construction and Environmental Engineering  
 Major: Civil Engineering (Structural Engineering)

Nazita Taghavi *Isfahan, Iran*  
Bach. Isfahan University of Technology  
Master Isfahan University of Technology  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Mechanism governing surface stress generation

Stephen Drew Thompson *Minburn, Iowa*  
B.S. Iowa State University  
Department: Entomology  
Major: Entomology  
Thesis: Characterization of inheritance of resistance to maize containing event DAS-59122-7 in laboratory selected colonies of western corn rootworm using the sub-lethal seedling assay

Sharon Mbabazi Tusiime *Kampala, Uganda*  
B.Ag.Mg. Makerere University  
Department: Horticulture  
Major: Horticulture  
Thesis: Evaluating horticultural practices for sustainable tomato production in Kamuli, Uganda

Jalal Uddin *Dhaka, Bangladesh*  
B.Soc.S. University of Dhaka  
M.Soc.S. University of Dhaka  
Department: Sociology and Anthropology  
Major: Sociology  
Thesis: Gendered power dynamics and unmet need for family planning among married women in Bangladesh

Ann Elizabeth Van Zee *Corvallis, Oreg.*  
B.A. Calvin College  
Department: Interdisciplinary Graduate Studies  
Major: Interdisciplinary Graduate Studies (Community Development)

Dandong Wang *Beijing, China*  
B.Admin. Qingdao University  
Department: Materials Science and Engineering  
Major: Materials Science and Engineering  
Thesis: The effect of p(NIPAm-co-AAc) particle chemistry on internalization by activated and non-activated macrophages

Jie Wang *Wuhan, China*  
B.E. Huazhong University of Science and Technology  
Department: Mechanical Engineering  
Major: Mechanical Engineering  
Thesis: Fabrication and angle compensation analysis of skew rolling mill

Kevin Trenton Wells *Jasper, Ala.*  
B.S. Auburn University  
Department: Agricultural Education and Studies  
Major: Agricultural Education

Bentley Morse Wingert *Iowa City, Iowa*  
B.S. Iowa State University  
Department: Biochemistry, Biophysics and Molecular Biology  
Major: Biochemistry  
Thesis: Fidelity, mismatch extension, and proofreading measurements of *apoll*, the *Plasmodium falciparum* apicoplast-targeted DNA polymerase

Jingzhe Wu *Hefei, China*  
B.C.E. Hefei University of Technology  
Department: Civil, Construction and Environmental Engineering  
Major: Civil Engineering (Structural Engineering)  
Thesis: Development of an algorithm of bidirectional surface strain measurements from soft elastomeric capacitors

Yang-Hua Wu *Taichung, Taiwan*  
B.S. National Chung Hsing University  
M.M.S. National Cheng Kung University  
Department: Industrial and Manufacturing Systems  
Major: Industrial Engineering  
Thesis: A stochastic mathematical program with complementary constraints for market-wide power generation and transmission expansion planning

Yingjie Wu *Shanghai, China*  
B.S. Donghua University  
Department: Apparel, Events, and Hospitality Management  
Major: Apparel, Merchandising, and Design

Caglar Yildirim *Ankara, Turkey*  
Lisans. Middle East Technical University  
School: Education  
Major: Human Computer Interaction  
Thesis: Exploring the dimensions of nomophobia: Developing and validating a questionnaire using mixed methods research

Huiying Yu *Beijing, China*  
B.S. Southern Polytechnic State University  
School: Journalism and Mass Communication  
Major: Journalism and Mass Communication  
Thesis: The effect of social media comment on Chinese consumers' attitude toward the brand

Wanchen Yu *Beijing, China*  
B.S. Utah State University  
B.S. Utah State University  
Department: Apparel, Events, and  
Hospitality Management  
Major: Hospitality Management  
Thesis: The effects of hotel performance  
characteristics on customer online ratings

Dianyu Zang *Changsha, China*  
B.A. Southwest University for Nationalities  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: The impact of two-sided messaging  
on brand attitude: An attribution theory  
approach

Xuan Zhang *Ames, Iowa*  
B.A. Tianjin University of Sport  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: Portrayals of gay characters in  
Chinese movies: A longitudinal look

Sicong Zhao *Beijing, China*  
B.E. Huazhong University of Science and  
Technology  
School: Journalism and Mass  
Communication  
Major: Journalism and Mass  
Communication  
Thesis: The People's Daily: A longitudinal  
content analysis of editorials from 1977-  
2010

†† Tianyue Zhao *Shenzhen, China*  
B.S. Emporia State University  
Department: Economics  
Major: Economics

Wen Zhao *Liangshan, China*  
B.E. Northwest Polytechnical University  
Department: Computer Science  
Major: Computer Science  
Thesis: Implementing a segmentation-based  
oblivious RAM

Yunfei Zhao *Beijing, China*  
B.E. Tsinghua University  
Department: Electrical and Computer  
Engineering  
Major: Electrical Engineering  
Thesis: Development of plasmonics-based  
photoacoustic immunoassay and a  
photonic crystal substrate for sensitivity  
enhancement

Jing Zhu *Maanshan, China*  
B.S. Xiamen University  
Department: Chemistry  
Major: Organic Chemistry  
Thesis: Synthesis and reactivity of novel  
organo main group and rare earth metal  
complexes

Pengcheng Zhu *Guangzhou China*  
B.Econ. Wuhan University  
B.S. Wuhan University  
Department: Economics  
Major: Economics

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

## BACHELOR OF SCIENCE

### Curriculum in Agricultural and Life Sciences Education

---

Gabrielle Glenister                      Pulaski, N.Y.

### Curriculum in Agricultural Business

---

Jacob V. Scott                              Westgate, Iowa

### Curriculum in Agricultural Studies

---

Aaron Kristofor Dahlstrom	Albert City, Iowa	Nick Matthew Olson	Keota, Iowa
Lindsey Marie Downing	Linden, Iowa	Lindsay Joy Postma	Peterson, Iowa
Jayne Michele Dyer	West Point, Iowa	Daniel Jeffrey Schaben	Westphalia, Iowa
Dillon Michael Horning	Keota, Iowa	Ethan James Schuver	Alton, Iowa
Nick Lee Lacaeyse	Malcom, Iowa	Cole Lee VanGenderen	New Sharon, Iowa
Jared Michael Langel	Le Mars, Iowa	Brandon Jay Ver Steegh	Oskaloosa, Iowa
Alicia Ann Magg	Spirit Lake, Iowa	Zachary Raymond Wangen	Ellendale, Minn.

### Curriculum in Agricultural Systems Technology

---

Andrew M. Docker	Red Oak, Iowa	Donald Paul Venteicher	Edgewood, Iowa
Maxwell Anthony Simonson	Milford, Iowa		

### Curriculum in Agronomy

---

Justin James Gizicki                      Bettendorf, Iowa

### Curriculum in Animal Ecology

---

Sebastian Wesley Ford	Mount Prospect, Ill.	Morgan Diane Miller	Waukon, Iowa
Addie Rae Hillmer	Eldora, Iowa	Mariah L. Morrison	Des Moines, Iowa
Angela Marie Langston	Davenport, Iowa		

### Curriculum in Animal Science

---

Jolene N. Burkhart	Dolliver, Iowa	*† Victoria Jo Mrotz	
Carly Marie Courser	Saint Charles, Ill.		Christiansted, Virgin Islands
Linzy Annette Lemming	Wolcott, Ind.	Nathan Michael Yanda	Webster City, Iowa
Sarah Lyn Lursen	Ames, Iowa		

### Curriculum in Biology

---

Monica Michelle Cox	Alleman, Iowa	Jacqueline Rhea Maxwell	Urbandale, Iowa
Emily Renae Drake	Vinton, Iowa	Jessica Louise McNamee	Iowa City, Iowa
Yoonsung Hu	Seoul, South Korea	Brennon Royce Naeve	Humboldt, Iowa
Rachel Diane Kula	Springville, Iowa	* Joshua Ward Peterson	Burnsville, Minn.
Maria Kathleen Lee	Swisher, Iowa		

### Curriculum in Culinary Science

---

Phillip Austin Canada                      Crystal City, Mo.

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

---

**Curriculum in Environmental Science**

---

Daniel L. Landis      *Fort Dodge, Iowa*  
Tyler Ray Nickolisen      *Council Bluffs, Iowa*

Cody Joseph Schweiger      *Maquoketa, Iowa*  
Zhe You      *Suzhou, China*

---

**Curriculum in Food Science**

---

\*\*\* Stephanie Ann Blaser      *Bettendorf, Iowa*

---

**Curriculum in Genetics**

---

Samantha Marie Roehl      *Glendive, Mont.*

---

**Curriculum in Global Resource Systems**

---

\*\*\*† Ellyn Page Arganbright      *Panora, Iowa*

---

**Curriculum in Horticulture**

---

Khyle Daniel Cox      *Shell Rock, Iowa*  
Tyler L. Donaldson      *Kingsley, Iowa*  
Jacob Austin Heck      *Maquoketa, Iowa*

Tyler C. Stallman      *Williamsburg, Iowa*  
Jesse Alan Worth      *Atlantic, Iowa*

---

**Curriculum in Microbiology**

---

Grace Ellen Woollums      *Des Moines, Iowa*

---

**Curriculum in Nutritional Science**

---

Tani Lynn Jensen      *Council Bluffs, Iowa*

---

**Curriculum in Public Service and Administration in Agriculture**

---

Laura Beth Faber      *Hopkinton, Iowa*

Kathleen Marie Holmes      *Clarion, Iowa*

---

**Multiple Curricula and Majors**

---

Aaron L. Bohl      *Adel, Iowa*  
*Biology and Liberal Arts and Sciences: Major*  
*in Political Science*

*Sciences: Major in Economics*  
Melanie M. Matti      *Batavia, Ill.*  
*Dairy Science and Animal Science*

Emily Marie Howard      *Decorah, Iowa*  
*Animal Science and Dairy Science*

Nathan Dean Snell      *Norwalk, Iowa*  
*Agricultural Business and International*  
*Agriculture*

Tyler Keith Knierim      *Cedar Rapids, Iowa*  
*Animal Ecology and Environmental Studies*

Robert James Taylor      *Maple Grove, Minn.*  
*Industrial Technology and Agricultural*  
*Systems Technology*

Austin Charles Lansink      *Manilla, Iowa*  
*Agricultural Business and Liberal Arts and*

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

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF BUSINESS

## BACHELOR OF SCIENCE

### Major in Accounting

---

Akoua Lawoe Afoutou	Ames, Iowa	** Robin Louise Honeyman	Ames, Iowa
Nicholas James Chin	Wheaton, Ill.	** Zacharey Coleton Lentz	Mantorville, Minn.
Victoria Joanne Cox	Winterset, Iowa	Nicholas William Michael	Newton, Iowa
Michael Ryan Gehrke	Arispe, Iowa	Man Shu	Wuhan Hubei, China
Rachael Lyn Gross	Logan, Iowa	* Marcus Leigh Steffen	Charter Oak, Iowa
Qunhuimei He	Shanghai, China	Tao Xu	Chongqing, China
Michael Abbott Hollen	Crystal Lake, Ill.		

### Major in Finance

---

Austin Jeffrey Brooker	Woodward, Iowa	Sophia Karau	Waukee, Iowa
* Kyle Patrick Donnelly	Cedar Rapids, Iowa	Matthew James Kobilka	Maple Plain, Minn.
Guy Michael Emerson	Plymouth, Minn.	Qingyu Kong	Beijing, China
Haiqing Gao	Shenyang Liaoning, China	Ying min Soo	Banting, Malaysia
Casey Patrick Groff	Fort Dodge, Iowa	Xiaoyu Tian	Zheng Zhou, China
** Anne Elizabeth Hartnett	Dakota Dunes, S. Dak.	Yile Tian	Jinzhou, China
Kaitlyn A. Harward	Floris, Iowa	Peng Zhang	Chong Qing, China
Mengqian Jiang	Kunshan, China	Yilu Zheng	Shangyu, China
Douglas Lee Jones	Britt, Iowa	Shiwen Zhu	Xi'An, Beijing China
		Wei Zhu	Tongxiang Zhejiang, China

### Major in Management

---

Joshua Jay Amick	Johnston, Iowa	Joe W. Judson	Altoona, Iowa
Drew John Bilyeu	Maple Grove, Minn.	Jay Louis McCrea	Pleasant Hill, Iowa
Reece Jonathan Cote	Lino Lakes, Minn.	Lindsay Rea Monday	Kildeer, Ill.
Lyndsey Kaye Eaton	Winterset, Iowa	Lindsey Arline Severson	Nevada, Iowa
Jack Gerard Houston	Omaha, Neb.	Kristopher Clarke Stow	Ames, Iowa
Hang Hu	Ningbo, China	Justin William Wallace	Rosemount, Minn.
Haochong Hu	Iowa City, Iowa	Danielle Dalene Welch	Boone, Iowa
Todd Raymond Johnson	Blair, Neb.		

### Major in Management Information Systems

---

Christopher Robert Carley	West Des Moines, Iowa	Justin Houang	Mason City, Iowa
Jie Chen	Red Oak, Iowa	DaRon Dawayne Saunders	Des Moines, Iowa
Allison Rae Galuhn		Daniel Francis Thompson	Exira, Iowa

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

## Major in Marketing

---

Samuel Alan Abrahms	Mequon, Wis.	Brandon Thomas Nolting	Humboldt, Iowa
Meredith Nicole Belding	Des Moines, Iowa	Sean N. Pinto	Sergeant Bluff, Iowa
Colin Michael Christensen	Granger, Iowa	Jason Robert Schaffer	Des Moines, Iowa
Courtney Marie Danzer	Carroll, Iowa	Marc Christopher Seemann	West Des Moines, Iowa
Thomas John Elbert	Ames, Iowa	Sean David Seymour	Prole, Iowa
Ashley Jane Hagedorn	Irwin, Iowa	Nichole Rae Starkman	Duluth, Minn.
Alex J. Jacobsen	Johnston, Iowa	Kelsey Nicole Summy	Des Moines, Iowa
Cameron Johnathon Kinder	Mundelein, Ill.	Feng Wang	Tianjin Beijing, China
Andrew Loel Knoff	Clive, Iowa	Na Yang	Beijing, China
Bradley Robert Maher	Geneva, Ill.	Wenyue Zhang	Marion, Iowa
Allison Jean Merkley	Eagan, Minn.		
Lucas James Meyer	Bettendorf, Iowa		

## Major in Supply Chain Management

---

Jie Chen	Red Oak, Iowa	Drew William Miller	West Des Moines, Iowa
Emily Ann Herkenhoff	Burnsville, Minn.	Abdoulaye Seye	Madison, Wis.
Yuchen Kong	Beijing, China	Ying min Soo	Banting, Malaysia

## Multiple Curricula and Majors

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Nathan Blake Darling	Winterset, Iowa	Nicole Renee Ruhnke	Boone, Iowa
<i>Supply Chain Management and International Business</i>		<i>Management and Marketing</i>	
Chad Erickson Leines	Plymouth, Minn.	Emily Marie Schulte	West Des Moines, Iowa
<i>Business Economics and Finance</i>		<i>Accounting and Finance</i>	
Kean Michael Ludvick	Swisher, Iowa	Zhangyue Shen	Suzhou, China
<i>Marketing and Management</i>		<i>Finance and Management Information Systems</i>	

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

## BACHELOR OF ARCHITECTURE

### Curriculum in Architecture

---

Justin Michael Davis

*Adel, Iowa*

Daniel Shalom Joo

*Ames, Iowa*

## BACHELOR OF ARTS

### Curriculum in Art and Design

---

\* Caroline Grace Quant

*New Orleans, La.*

## BACHELOR OF DESIGN

### Curriculum in Design

---

\*\*\* Mary A. Gjullin

*Ankeny, Iowa*

## BACHELOR OF FINE ARTS

### Curriculum in Graphic Design

---

Christopher P. Baenziger

*Swisher, Iowa*

Stacie Marie Blasen

*Marion, Iowa*

Daniel James Crowley

*Davenport, Iowa*

Selina Monica Khounlo

*Davenport, Iowa*

Claire Elizabeth Myers

*Iowa City, Iowa*

Jacob Bradly Skrok

*Fraser, Mich.*

Abigail Elizabeth Smith

*Des Moines, Iowa*

### Curriculum in Integrated Studio Arts

---

Natalie Lynn Buskohl

*Waterloo, Iowa*

Daniel Logan Dolash

*Bondurant, Iowa*

Maria Elizabeth Finch

*Des Moines, Iowa*

Elizabeth Anne Fisher

*Des Moines, Iowa*

Johnathan B. Fusco

*Indianola, Iowa*

Omar Abu-Bakr Ibrahim

*Coralville, Iowa*

Edison O'Neal Moody

*Des Moines, Iowa*

Guillermo Thompson

*Ames, Iowa*

### Curriculum in Interior Design

---

Robert Charles Diamond Jr.

*Naperville, Ill.*

Morgan Alicia Froemming

*Eden Prairie, Minn.*

Maggie Louise Gehrls

*Iowa Falls, Iowa*

Aubrey Jane Gillman

*Des Moines, Iowa*

## BACHELOR OF INDUSTRIAL DESIGN

### Curriculum in Industrial Design

---

Megan Lanae Kaufman

*Harlan, Iowa*

Thomas John Lutz

*Plymouth, Minn.*

## BACHELOR OF LANDSCAPE ARCHITECTURE

### Curriculum in Landscape Architecture

---

Ryan Patrick Andersen

*Harlan, Iowa*

\* *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

---

\*\*\*Ryan John Goetsch      *Green Bay, Wisc.*

### Curriculum in Chemical Engineering

---

Brooks Peter Campbell	<i>Maple Grove, Minn.</i>	Myra Hanisa Mohd Neguib	
Yu-Tim Chao	<i>Starkville, Miss.</i>		<i>Petaling Jaya, Malaysia</i>
Matthew Scott Jenkins	<i>Aubrey, Tex.</i>	Brianna Lea Montgomery	<i>Bryant, Iowa</i>
Brett Alexander Langley	<i>Ankeny, Iowa</i>	Lay Chin Phua	
Jay Shen Lau	<i>Petaling Jaya, Malaysia</i>		<i>Shah Alam, Selangor, Malaysia</i>
*** August J. LaRenzie	<i>Afton, Minn.</i>		

### Curriculum in Civil Engineering

---

Xiaoyu Bai	<i>Dezhou, Shandong, China</i>	Siyang Li	<i>Shanghai, China</i>
Jeffrey Patrick Behan	<i>Sabula, Iowa</i>	Jared Scott McGrew	<i>Chelsea, Iowa</i>
Sirui Guo	<i>Tianjin, China</i>	Ryan Jeffrey Young	<i>South Elgin, Ill.</i>
Weston John Kleinert	<i>Keokuk, Iowa</i>	Liming Zheng	<i>Lanzhou, Gansu, China</i>

### Curriculum in Computer Engineering

---

Jae Won Cho	<i>Seoul, South Korea</i>	Derek Anthony Reiser	<i>Faribault, Minn.</i>
Rui Li	<i>Chongqing, China</i>		

### Curriculum in Construction Engineering

---

Jonathan Nalevanko	<i>Pleasant Hill, Iowa</i>	Nicholas Herman Ruhser	<i>Elkader, Iowa</i>
Michael Leon Nissen	<i>Anamosa, Iowa</i>		

### Curriculum in Electrical Engineering

---

Majed A. Al Ataishi		** Zheng Luo	<i>Chengdu, China</i>
	<i>Al Ain, United Arab Emirates</i>	Cody Michael Ross	<i>Batavia, Iowa</i>
Shang Gao	<i>Wuxi, Jiangsu, China</i>	Joshua Michael Schau	<i>Bennett, Iowa</i>
Ann Havener Goodyear	<i>Portage, Mich.</i>	Kyle Joseph Shearer	<i>Boone, Iowa</i>
Jared Michael Jasper	<i>Dubuque, Iowa</i>	Chaojun Zhang	<i>Beijing, China</i>
Kaiyang Liu	<i>Nanning, China</i>	Mohd Khairi Zulkalnain	<i>Puchong, Malaysia</i>

### Curriculum in Industrial Engineering

---

Andrew M. Klein      *Clear Lake, Iowa*

### Curriculum in Materials Engineering

---

Haiqing Luan	<i>Xi'An, Shaanxi, China</i>	James Sheehan Moran	<i>Clear Lake, Iowa</i>
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\* *Cum Laude*  
\*\* *Magna Cum Laude*  
\*\*\* *Summa Cum Laude*  
† *Honors Program*

## Curriculum in Mechanical Engineering

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Aliff Aizat Bin Ahmad	Kuala Lumpur, Malaysia	Christopher Richard Mach	Cary, Ill.
Dakota John Allen	Wheaton, Ill.	** Alicia Faith Maher	Ankeny, Iowa
Michael T. Ball	Marion, Iowa	John Austin Maust	Burnsville, Minn.
Nathan Andrew Carper	Mason City, Iowa	Jared Mortenson	Carroll, Iowa
** Chen Chen	Wuhan, Hubei, China	Hoang-Son Cao Nguyen	Sioux City, Iowa
Jin Wei Chen	Fort Madison, Iowa	Michael Jay Peterson	Buffalo, Minn.
Ryan A. Diemer	West Des Moines, Iowa	** Pradhyumna Ramesh	Troy, Mich.
Matthew Richard Dryden	White Bear Lake, Minn.	David James Richards	Cedar Rapids, Iowa
Kareim Nabil Elbaz	Darien, Ill.	Brandon Marcus Schmidt	Dubuque, Iowa
Matthew Lyle Harvey	West Liberty, Iowa	Thomas Michael Schnieders	Central Valley, N.Y.
* Jianqiu Huang	Hangzhou, Zhejiang, China	Mohamed Basri Shahari	Alor Gajah, Malacca, Malaysia
Yuyang Jin	Pella, Iowa	Corey Allen Wilson	Charles City, Iowa
Scott E. Jones	Marshalltown, Iowa	Birutawit T. Zeleke	Saint Paul, Minn.
Cody Conrad Lynne	Wayzata, Minn.		

## Curriculum in Software Engineering

---

Carl Phillip Garrett	Urbana, Iowa	Sheil P. Patel	Ames, Iowa
Eric Richard Lund	Maple Grove, Minn.	Micah A. Stevenson	Burlington, Iowa
Trevor Lee Lund	Johnston, Iowa	David Michael Vriezen	Rochester, Minn.

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

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF HUMAN SCIENCES

## BACHELOR OF SCIENCE

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

---

Sara Michele Schlueter    *Minnetonka, Minn.*

### Curriculum in Apparel, Merchandising, and Design

---

Molly Ann Cavanaugh	<i>Clinton, Iowa</i>	Kendra Jean Shimak	<i>Mason City, Iowa</i>
Alexis Ann Dessner	<i>Elgin, Minn.</i>	*** Mary Catherine Steiner	<i>Mahtomedi, Minn.</i>
Jessica Leigh Henderson	<i>Ames, Iowa</i>	Maren Kersten Sundby	<i>Eden Prairie, Minn.</i>
Julia E. Katz	<i>Piedmont, Calif.</i>	Andrea Carolina Tejada	<i>Urbandale, Iowa</i>
Madison Leigh Rosencrants	<i>Cedar Rapids, Iowa</i>	Xi Wu	<i>Shanghai, China</i>

### Curriculum in Athletic Training

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Samantha Kae Huisman	<i>Eagan, Minn.</i>	Justin Patrick Pomar	<i>Los Angeles, Calif.</i>
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### Curriculum in Child, Adult, and Family Services

---

Katie Ann Buttolph	<i>Ankeny, Iowa</i>	Krystal Danielle Martin	<i>Ames, Iowa</i>
Alexandria V. Davis	<i>Iowa City, Iowa</i>	Trina Marie Melby	<i>Iowa City, Iowa</i>
* Elizabeth Ann Devenney	<i>Windsor Heights, Iowa</i>	Cori Allison Milan	<i>Ames, Iowa</i>
Michelle Ann Ely	<i>Cedar Rapids, Iowa</i>	Brittany Elizabeth Palmer	<i>Bartlett, Ill.</i>
* Shaney I. Esparza	<i>Waterloo, Iowa</i>	Allison Elizabeth Peters	<i>Chesterfield, Mo.</i>
Noraa B. Fairman	<i>Chicago, Ill.</i>	* Shelbi Jean Risdal	<i>Ralston, Iowa</i>
Angelica Yadira Flores	<i>Monroe, Iowa</i>	Jamie Lynn Sage	<i>Indianola, Iowa</i>
Kyven Ross Gadson	<i>Waterloo, Iowa</i>	Alexis Jordan Shultice	<i>Ankeny, Iowa</i>
*** Caitlyn Diane Hawkins	<i>Ames, Iowa</i>	Samantha Rae Slocum	<i>Marshalltown, Iowa</i>
Alexandria Rose Horsman	<i>Spirit Lake, Iowa</i>	*** Kelsey May Smith	<i>Anita, Iowa</i>
* Amber Dawn Hull	<i>Orient, Iowa</i>	Tatum Alysa Smith	<i>Rochester, Minn.</i>
Taylor Paige Johnson	<i>West Des Moines, Iowa</i>	Julia Margaret Stephens	<i>Woodward, Iowa</i>
Jami Lynn Kaufman	<i>Huxley, Iowa</i>	Kelle Linn Thomas	<i>Ankeny, Iowa</i>
Lea Ann Kruse	<i>Richland, Iowa</i>	Katherine J. Vollhaber	<i>North Oaks, Minn.</i>
Carlie Rae Lake	<i>Urbandale, Iowa</i>	Hannah Jean Wood	<i>Boone, Iowa</i>
		Keesha Lorraine Wormely	<i>Harvey, Ill.</i>

### Curriculum in Culinary Science

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Lisa Nicole Schmidt	<i>Schaller, Iowa</i>	Valerie Mae Weets	<i>Wilton, Iowa</i>
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### Curriculum in Diet and Exercise

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Alysse Sydney Anderegg	<i>Charles City, Iowa</i>	** Mollie Margaret Smith	<i>Emmetsburg, Iowa</i>
Shelby Ann Miller	<i>Omaha, Neb.</i>		

### Curriculum in Early Childhood Education

---

Anne Elizabeth Hickok Tepper    *Ames, Iowa*

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

## Curriculum in Elementary Education

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Margaret Ann McHale *Council Bluffs, Iowa*  
Savannah Grace McLaughlin *Clive, Iowa*

Samuel Miles Ruppert *Ames, Iowa*  
Matthew Robert Steenson *Mason City, Iowa*

## Curriculum in Event Management

---

\*\* Nicole Elise Adams *Wellman, Iowa*  
Zachary Michael Brehmer *Panora, Iowa*  
Johnna K. Chance *Agency, Iowa*  
Natasha Ann Hemann *Owatonna, Minn.*  
Brianna Kaylyn Jewett *Manchester, Iowa*

Emalie Louise Johnson *Ankeny, Iowa*  
Sara Alexandra Johnson *Johnston, Iowa*  
Kari Jo Paige *Cedar Falls, Iowa*  
Markie Ann Spykerman *Jewell, Iowa*  
Sandy Velasquez *Denison, Iowa*

## Curriculum in Financial Counseling and Planning

---

Katrin Constance McKeon *Dubuque, Iowa*

Julien Garrett Stratton *Cedar Rapids, Iowa*

## Curriculum in Food Science

---

Aleece J. Gustafson *Urbandale, Iowa*  
Lisa Nicole Schmidt *Schaller, Iowa*

Yuqi Zhi *Chengdu, Sichuan, China*

## Curriculum in Hospitality Management

---

Jonathan D. Denham *Shambaugh, Iowa*  
Peter James Dever *Elmhurst, Ill.*  
Wade Michael Gibson *Dubuque, Iowa*

Emmaly Ruth Miskell *Stanhope, Iowa*  
Sophia R. Stamy *Chanhassen, Minn.*

## Curriculum in Kinesiology and Health

---

Laura Marisa Alexander *Minnetonka, Minn.*  
Ryan Orlando Barnes *Saint Paul, Minn.*  
Matthew Aaron Bennett *Anchorage, Alaska*  
Teague Jordan Bohlke *Des Moines, Iowa*  
Beth Ann Broesder *Burt, Iowa*  
Jake Allen Brown *Milwaukee, Wis.*  
Gabrielle Alisa Bunten *Forest Lake, Minn.*  
Stephanie Kay Carlson *Spencer, Iowa*  
\*\* Morgan M. Casey *Goose Lake, Iowa*  
Devyn Catherine Christian *Minneapolis, Minn.*  
Ryan Scott Clausen *Denison, Iowa*  
Nicole Marie Crosley *Eden Prairie, Minn.*  
Cesar Cruz *Des Moines, Iowa*  
Kori Jo Culp *Ames, Iowa*  
Sara Elizabeth Davison *St. Louis, Mo.*  
Jillian Jo DeMarce *Bondurant, Iowa*  
Alexander Ross Dillenbeck *Aurora, Colo.*  
Lisa Marie Egenberger *Omaha, Neb.*  
Taylor A. Erwine *Urbandale, Iowa*

Thomas Bradley Farniok *Sioux Falls, S. Dak.*  
Ann Elizabeth Gisleson *Floyd, Iowa*  
Hannah Marie Greenfield *Palo, Iowa*  
Dennis Earl Groth *Ida Grove, Iowa*  
Mirela Hadzic *Des Moines, Iowa*  
Austin Eden Hamlett *Arlington, Iowa*  
Alyssa Lynn Hansen *Eden Prairie, Minn.*  
Nicholas John Paul Hargens *Denison, Iowa*  
\*\*† David Carson Harper III *Iowa City, Iowa*  
Matthew Robert Haynes *Humboldt, Iowa*  
Tanna Henkelman *Carroll, Iowa*  
\*\* Paul Robert Hibbing *Ames, Iowa*  
Alexa Jordan Hugee *Huxley, Iowa*  
\* Matthew Robert Hyde *Oswego, Ill.*  
Gregory Alan Isaacson *Des Moines, Iowa*  
Madeline Marie Jobe *Eden Prairie, Minn.*  
Hunter Farrell Kamm *Plymouth, Minn.*  
Ryan Katzer *Ankeny, Iowa*  
Matthew John Kelley *Nora Springs, Iowa*

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

Vanessa Lynn Kirk      *Marshalltown, Iowa*  
 Jenna Christina Kocsis      *Medina, Minn.*  
 Hayley Gail Krzeczowski      *Saint Charles, Ill.*  
 Connor Scott Lange      *Lenox, Iowa*  
 Alexandra Paige Lawrence      *Apple Valley, Minn.*  
 Hannah H. Lee      *Glenview, Ill.*  
 Jason Daniel Manella      *Arlington Heights, Ill.*  
 William Carson Markes      *Mendota Heights, Minn.*  
 Erin Michelle Marks      *Cedar Rapids, Iowa*  
 Mary Elizabeth Marz      *Saint Paul, Minn.*  
 Anna Jeanne Minear      *Mc Clelland, Iowa*  
 Michael J. Missen      *Iowa City, Iowa*  
 Seth Alan Naylor      *Ankeny, Iowa*  
 Emily E. Oleson      *Ryan, Iowa*  
 Shaylee Marie Olhausen      *Sac City, Iowa*  
 Leigh Alexandra Pomnitz      *Glen Ellyn, Ill.*

Miranda Elizabeth Rice      *Lynnville, Iowa*  
 Daniel David Riley      *Creston, Iowa*  
 Elliot W. Rutt      *Columbus Junction, Iowa*  
 Maggie Anderson Schatzle      *Cedar Rapids, Iowa*  
 Richard Cole Shafer      *Heber City, Utah*  
 Chauncey Lee Shuckahosee      *Tama, Iowa*  
 \* Erin Bates Sickels      *Davenport, Iowa*  
 Tanner C. Smith      *Clive, Iowa*  
 Jason Joseph South      *Evansdale, Iowa*  
 Hannah R. Starr      *Ankeny, Iowa*  
 Kelley K. Steubs      *Edina, Minn.*  
 Tracy Lynn Swanson      *Greenfield, Iowa*  
 Elizabeth Angeline Sweeney      *Bloomington, Minn.*  
 Kelsey Marie Tech      *Council Bluffs, Iowa*  
 Jillian A. Wolcott      *West Des Moines, Iowa*

### **Curriculum in Nutritional Science**

---

Kristen E. Gehring      *Mahtomedi, Minn.*

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

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

## BACHELOR OF ARTS

### Major in Advertising

---

Javier Perez Frombold	Morristown, N.J.	Nathan C. McManus	West Des Moines, Iowa
Matthew J. Kerns	Ames, Iowa	Kailey Ann Moon	Antioch, Ill.
Katharine Kaye Liester	Excelsior, Minn.	James Douglas Swider	Springfield, Va.

### Major in Anthropology

---

Emilyne Rose Ranch	Waukee, Iowa
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### Major in Communication Studies

---

Kayela Ann Crum	Iowa City, Iowa	Jace Anthony Rossiter	Winfield, Iowa
Jena Rose Poldberg	Adel, Iowa		

### Major in English

---

***† Ellyn Page Arganbright	Panora, Iowa	Joshua Seymon McKnight	Honolulu, Hawaii
Mackenzie Rain Baack	Ida Grove, Iowa	Sock Wun Phng	Selangor, Malaysia
Paula E. Fredericks	Ottumwa, Iowa	Zachary Allen Schumacher	Fairfax, Iowa

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

---

Jason Bruce Carroll	Corwith, Iowa	Pierce Michael Richarson	Newport Beach, Calif.
Dixiana Yoenny Cruz	Muscatine, Iowa	Michael George Sandoz	Glen Ellyn, Ill.
Joseph Cuevas	Cary, Ill.	Alex Taylor Steele	Olathe, Kans.
Alexandra Z. Gutierrez	Sacramento, Calif.	Jason C. Vang	Pleasant Hill, Iowa
Caleb Daniel Knutson	Hubbard, Iowa	Jordon Puttasone Vivanh	Des Moines, Iowa
Connor Yaz McCuen	Urbandale, Iowa	Troy B. Walls	Normal, Ill.

### Major in Music

---

Wade Michael Gibson	Dubuque, Iowa
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### Major in Performing Arts

---

Seth Dennison Levings	Ames, Iowa	** Daniel Timothy Poppen	Sioux City, Iowa
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### Major in Political Science

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Michael Hawk Kraemer	Ames, Iowa	Emilyne Rose Ranch	Waukee, Iowa
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### Major in Psychology

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Meghan Alyse Barnett	Garland, Tex.	Hikmet Abdu Oumer	Council Bluffs, Iowa
Randall Arnold Hoffmann	Olney, Md.	Exavier J. Viramontez	Albuquerque, N. Mex.

### Major in Sociology

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Kevin Paul Weiser	Minburn, Iowa
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\* Cum Laude  
 \*\* Magna Cum Laude  
 \*\*\* Summa Cum Laude  
 † Honors Program

## Major in World Languages and Cultures (Spanish)

---

Angelica Yadira Flores	Monroe, Iowa	Samantha Kae Huisman	Eagan, Minn.
Jose Antonio Guillen	Des Moines, Iowa	* Mikaela Ann Nabity	Polk City, Iowa

## Multiple Curricula and Majors

---

Matthew Yensen Arnold	West Des Moines, Iowa	Kevin L. McKeon	Waukee, Iowa
<i>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</i>		<i>Sociology and Interdisciplinary Studies (Criminology and Criminal Justice)</i>	
Hillary Kristina Cale	Muscatine, Iowa	Elaine Jo Moore	Boone, Iowa
<i>Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology</i>		<i>Psychology and World Languages and Cultures (Spanish)</i>	
Paige Nicole Faust	Greenfield, Iowa	Felicia Bella Susetyo	Malang, Indonesia
<i>Psychology and Interdisciplinary Studies (Criminology and Criminal Justice)</i>		<i>Advertising and Business: Major in Finance</i>	
Stephannie Lynn Fox-Dixon	Phoenix, Ariz.	* Hannah Leigh van Schaik	Kalamazoo, Mich.
<i>Political Science and International Studies</i>		<i>Music and Child, Adult, and Family Services</i>	
Kala Alysse Jones-Stokes	Des Moines, Iowa	Colin Fredrick Wilcox	Farmington, Minn.
<i>Psychology and Sociology</i>		<i>Communication Studies and World Languages and Cultures (German)</i>	
Meredith M. Keeler	Chanhassen, Minn.	** Suit Yee Yee	Kuala Lumpur, Malaysia
<i>World Languages and Cultures (Spanish) and Journalism and Mass Communication</i>		<i>Advertising and International Studies</i>	

## BACHELOR OF LIBERAL STUDIES

### Major in Liberal Studies

---

Amanda Rae Albertsen	Keystone, Iowa	Courtney A. Lappin	Johnston, Iowa
Ashleigh E. Bruening	Chicago, Ill.	Cindy April Meyer	Manning, Iowa
Ryann Elizabeth Carrott	Mason City, Iowa	Karen K. Pitts Olsen	Fontanelle, Iowa
Lannie Marie Davis	Des Moines, Iowa	Chelsea Anne Puls	Gladbrook, Iowa
Brian Paul Dwyer	West Des Moines, Iowa	Andrew Gordon Rizer	Cedar Rapids, Iowa
Taylor Fuerhoff	Urbandale, Iowa	Stacie Ann Stecker	West Liberty, Iowa
Sarah Jane Gaunt	Ames, Iowa	Emily Ann Tucker	Indianola, Iowa
Perry Andrew Holcomb	Sioux City, Iowa	Joseph Robert Vigdal	Spirit Lake, Iowa
Teisha Jill Knutson	Salt Lake City, Utah	Christina Beth Zook	Ankeny, Iowa

## BACHELOR OF SCIENCE

### Major in Anthropology

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Sven Aaron Frier	Washington, Iowa
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### Major in Biochemistry

---

Matthew Richard Hirsch	Muscatine, Iowa
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\* Cum Laude  
\*\* Magna Cum Laude  
\*\*\* Summa Cum Laude  
† Honors Program

## Major in Biology

---

Aisha Azher	Ames, Iowa	* Anh Que Luong	Des Moines, Iowa
Whitney Anna Baker	Harlan, Iowa	Cameron Ross Mackay	Eden Prairie, Minn.
Rachel Anne Cataldo	Clive, Iowa	John Michael Pane	Saint Paul, Minn.
Jessica Kay Devitt	Story City, Iowa	Taylor Elizabeth Smith	Johnston, Iowa
Dillon Presley Hughes	West Des Moines, Iowa		

## Major in Computer Science

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Steve J Hernandez	Ames, Iowa	Kun Qian	Nantong, China
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## Major in Economics

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* Lin Zhong	Hangzhou, China
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## Major in Geology

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Christopher Lee Beaver	Indianapolis, Ind.	Bennett Lee Pauley	Clive, Iowa
* Sarah Ann Broer	Iowa Falls, Iowa	* Eric Reuben Tvinnereim	Lenox, Iowa
Nathan David Irmiter	Clive, Iowa	Garrett T. Westland	Dubuque, Iowa
Kristopher James McDuffy	Ames, Iowa		

## Major in History

---

Samuel R. Classen	Colorado Springs, Colo.	Erika A. Hildreth	Everly, Iowa
Francesco Roberto Coco	Urbandale, Iowa	Jonathan M. Landhauser	Cedar Rapids, Iowa

## Major in Journalism and Mass Communication

---

Michelle Lynn Brugioni	Des Moines, Iowa	Audra Sage Manzer	Newcastle, Wyo.
Susanna Louise Caffoe	Plymouth, Minn.	Katherine Lee Marcheski	West Dundee, Ill.
Levi Adam Castle	Melbourne, Iowa	Sara Nicole Martinson	Spirit Lake, Iowa
Paula Michele Crippen	Ames, Iowa	Jayne Catherine Nielsen	Council Bluffs, Iowa
Michael Rhiner Finn	Chanhausen, Minn.	Ryan Bentley Riley	Ames, Iowa
Jack Robert Heintz	Ankeny, Iowa	Dominic B. Spizzirri	Lake Villa, Ill.
Heu Weon Kim	Ilsan, South Korea	** Ryan W. Thorne	Traer, Iowa
Jonathan Neal Krueger	Urbandale, Iowa	Yue Wu	Chongqing, China
** Sarah Anne Loghry	Urbandale, Iowa		

## Major in Mathematics

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Qiao Chen	Zhengzhou Henan China	Robert Carl Rauch	Cedar Rapids, Iowa
** Yinan Mao	Changzhou, China	Rachael Faye Sevcik	Cedar Rapids, Iowa
David Robert Marget	Champlin, Minn.		

## Major in Psychology

---

Tywayah Lashelle Bryson	Des Moines, Iowa	Michael C. Schmitt	Waterloo, Iowa
Tami Christine Catrenich	Urbandale, Iowa	** Dena N. Siegel	Urbandale, Iowa
Bart Lewis Hansen	Waterloo, Iowa	Christian James Springer	Waverly, Iowa
Andrea Nicole Mallette	Des Moines, Iowa	Emily Claire Vanella	Park Ridge, Ill.
Justin Jose Monday	Alton, Iowa	Andrew Darnel Woods	Des Moines, Iowa
Enrico Emilio Roth	Marshalltown, Iowa		

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



### Major in Public Relations

---

Kearsten Kay Brown  
Christopher L. Cox

Webb, Iowa  
Rosemount, Minn.

Brittany D. Gant  
Dillon Thomas Smith

Bolingbrook, Ill.  
Stacyville, Iowa

### Major in Sociology

---

Kyla Marie Larson

Roland, Iowa

Andrew Myles Thompson

Logan, Iowa

### Major in Statistics

---

Yuan Tao

Chongqing, China

Hao Zheng

Hefei, China

### Major in Technical Communication

---

Brenda Kay Senne-Robinson  
Thompson, Iowa

### Major in Women's Studies

---

Laura Sun Burke

Clive, Iowa

### Multiple Curricula and Majors

---

Whitney Anna Baker  
Sociology and Interdisciplinary Studies  
(Criminology and Criminal Justice)

Harlan, Iowa

Luke Edward Becker  
History and Business: Major in Management

Fort Dodge, Iowa

\*\*\* Emily Maren Fredericksen  
Public Relations and Communication Studies

Eldridge, Iowa

Katie Noelle Hansen  
Journalism and Mass Communication  
and Art and Design

Waverly, Iowa

Adam Jon Hillburg  
Statistics and Business: Major in Finance

Algona, Iowa

Christian James Springer  
Biology and International Studies

Waverly, Iowa

\* Elizabeth Lurn Zabel  
Journalism and Mass Communication and  
International Studies

Victoria, Minn.

\* Lin Zhong  
Statistics and Mathematics

Hangzhou, China

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

# PAST HONORARY DEGREE RECIPIENTS

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The first honorary degree was conferred in 1877. Following is a list of those receiving honorary degrees, starting with the year they received the degree, followed by their name and the honorary degree they received. In some cases a notation is included about the individual if that information is available.

**1877: Isaac R. Roberts, Master of Agriculture.** Farm Superintendent at Iowa State University.

**1879: 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.** B.S., 1872, Iowa State.

**1887: M. Stalker, Master of Science.** B.S., 1873, Iowa State; first editor Aurora, the student newspaper; developed the curriculum in Veterinary Science.

**1887: E. W. Stanton, Master of Science.** B.S., 1872, Iowa State in the first graduating class; Acting President of Iowa State four times.

**1890: Charles Keffer, Master of Horticulture;** received another honorary degree in 1914. Only two people in Iowa State history have received two honorary degrees.

**1895: Mattie Locke Macomber, Master of Philosophy.** B.S., 1872, Iowa State in the first graduating class.

**1897: James W. Wilson, Master of Agriculture.** B.S., 1896, Iowa State; 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.

**1907: J. C. Blair, Master of Agriculture.**

**1907: I. B. Schreckengast, Master of Philosophy.**

**1908: Virginia Corbett, Master of Philosophy.** B.S., 1893, Iowa State; Dean of Women at Colorado State at Fort Collins.

**1909: Norman J. Coleman, Doctor of Science.**

**1909: Seaman A. Knapp, Doctor of Science.** Appointed president of Iowa State College from 1883-1885.

**1909: James W. Robertson, Doctor of Science.**

**1914: Charles Keffer, Doctor of Science.**

**1914: George L. McKay, Doctor of Science.** Recognized for his work in dairying.

**1914: James Wilson, Doctor of Science.**

**1915: Marion Dorset, Doctor of Veterinary Medicine.**

**1915: LaVerne Noyes, Doctor of Engineering.** B.S., 1872, Iowa State in the first graduating class.

**1916: Clarence Henry Eckles, Doctor of Science.** B.S., 1895, Iowa State; head of the Department of Dairy Husbandry Farms at St. Paul, Minnesota.

**1916: Herbert Osborn, Doctor of Science.** B.S., 1879, Iowa State; helped organize the Iowa Academy of Science.

**1916: Willis Whited, Doctor of Engineering.** B.S., 1879, Iowa State; bridge engineer in Pennsylvania with the State Highway Department.

**1920: W.C. Armstrong, Doctor of Engineering.** B.S., 1881, Iowa State; in charge of building the Northwestern Depot in Chicago.

**1920: Joseph Charles Arthur, Doctor of Science.** B.S., 1872, M.S., 1877, Iowa State, which was the first advanced degree from Iowa State; first librarian at Iowa State.

**1920: Alfred Atkinson, Doctor of Science.** B.S., 1904, Iowa State; president of Montana State College of Agriculture.

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

**1920: Isabelle Bevier, Doctor of Science.** Head of the Department of Home Economics at the University of Illinois.

**1920: Deon 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: Albert S. Hitchcock, Doctor of Science.** B.S., Iowa State; 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.** B.S., 1897, Iowa State; 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.** B.S., 1880, Iowa State; distinguished champion of the suffragist and peace movement and organizer of the League of Women Voters.

**1922: Henry C. Wallace, Doctor of Laws.** B.S., 1892, Iowa State; U.S. Secretary of Agriculture.

**1925: George I. Christie, Doctor of Science.** B.S., 1903, Iowa State; Under Secretary of Agriculture, U.S.D.A.

**1925: Clyde W. Warburton, Doctor of Science.** B.S., 1902, Iowa State; head of the Bureau of Plant Industry of the U.S.D.A. under James Wilson.

**1926: Matt Luckiesh, Doctor of Science.**  
**1928: George R. Chatburn, Doctor of Engineering.** B.S., 1884, Iowa State; head of the Department of Civil Engineering at the University of Nebraska.

**1928: W. K. Robbins, Doctor of Science.** B.S., 1878, Iowa State; outstanding agricultural chemist.

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

**1928: J. H. Shephard, Doctor of Agriculture.**

**1928: Edward A. Sherman, Doctor of Science.** B.S., 1896, Iowa State.

**1929: Clifford P. Fitch, Doctor of Science.**

**1929: Thomas H. MacDonald, Doctor of Science.** B.S., 1904, Iowa State; first Secretary and Highway Engineer for the Iowa Highway Commission.

**1932: John Hammond, Doctor of Science.**

**1932: A. J. Kluyer, Doctor of Science.**

**1934: Henry Agard Wallace, Doctor of Science.** B.S., 1910, M.S., 1920, Iowa State; U.S. Secretary of Agriculture; was Vice President under Franklin D. Roosevelt; DAC recipient in 1964.\*

**1935: Duncan Marshall, Doctor of Agriculture.**

**1936: Ronald Alymer Fisher, Doctor of Science.**

**1936: Raymond Mollyneaux Hughes, Doctor of Laws;** president of Iowa State from 1927 to 1936; his Handbook for College Trustees was well regarded.

**1940: Maria M. Roberts, Doctor of Laws.** B.S., 1890, Iowa State; professor of mathematics and dean of the Junior College at Iowa State.

**1942: George Harrison Shull, Doctor of Science.**

**1942: Wilbur M. Wilson, Doctor of Engineering.** B.S., 1900, Iowa State.

**1944: Rush B. Lincoln, Doctor of Science.**

**1945: Milton Ferdinand Beecher, Doctor of Engineering.** B.S., 1910, Iowa State; official in the Norton Company in Worcester, Massachusetts.

**1945: Thomas Ray Stanton, Doctor of Agriculture.**

**1947: Mabel V. Campbell, Doctor of Science,** honorary degree conferred at the convocation celebrating 75 years of home economics at Iowa State. B.S., 1905, Iowa State.

**1947: Hazel Steibling, Doctor of Science;** honorary degree conferred at the convocation celebrating 75 years of home economics at Iowa State. Chief of the Bureau of Human Nutrition and Home Economics, U.S.D.A.

**1948: Anson S. Marston, Doctor of Engineering.** First dean of engineering at Iowa State.

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

**1948: Lyle Ford Watts, Doctor of Agriculture.** B.S., 1913, Iowa State; chief of the U.S. Forest Service.

**1949: Earl Owen Shreve, Doctor of Engineering.** B.S., 1904, Iowa State; vice president of General Electric.

**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.** B.S., 1907, M.S., 1909, Iowa State; faculty member at Iowa State College; distinguished historian of American livestock; author of American Sheep Trails.

**1952: Roscoe C. Pollock, Doctor of Agriculture.** B.S., 1913, M.S., 1921, Iowa State.

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

**1953: Ezra Taft Benson, Doctor of Agriculture.** M.S., 1927, Iowa State; U.S. Secretary of Agriculture.

**1953: Fred T. Whiting, Doctor of Engineering.** B.S., 1913, Iowa State; vice president for Westinghouse Company in charge of the Northwest district.

**1954: Thomas Roy Truax, Doctor of Agriculture.** B.S., 1912, Iowa State; head of the Forest Products Division of the U.S.D.A. at Madison, Wisconsin; honorary degree conferred at the 50th anniversary of the Department of Forestry.

**1955: Almon H. Fuller, Doctor of Engineering.** Head of the Department of Civil Engineering at Iowa State.

**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 textbook: Experimental Cookery.

**1958: Henry Dale Bergman, Doctor of Science.** D.V.M., 1910, Iowa State; dean of veterinary medicine, Iowa State.

**1958: Ralph Kenneth Bliss, Doctor of Science.** B.S., 1905, Iowa State; director of Agriculture and Home Economics Extension at Iowa State.

**1958: Florence Alberta Fallgatter, Doctor of Science.** Head of the Department of Home Economics Education 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.** B.S., 1904, Iowa State; dean of industrial science, head of the Department of Bacteriology, Dean of the Graduate College, and director of the Agricultural Experiment Station at Iowa State.

**1958: John Walter Coverdale, Doctor of Science.** Official in Rath Packing Company.

**1958: Gertrude Mary Cox, Doctor of Science.** B.S., 1929, Iowa State.

**1958: Edward Bertram Evans, Doctor of Science.** D.V.M., 1918, Iowa State; the centennial program carried the following, "Veterinarian, Agricultural Educator." DAC recipient in 1968.\*

**1958: Theodore V. Houser, Doctor of Science.** B.S., 1915, Iowa State; president of Sears Roebuck and Co.

**1958: Henry H. Kildee, Doctor of Science.** B.S., 1908, M.S., 1917, Iowa State; head of the Department of Animal Husbandry and Dean of Agriculture, Iowa State.

**1958: Allan Blair Kline, Doctor of Science.** B.S., 1938, Iowa State; president of the American Farm Bureau.

**1958: Beth Baily McLean, Doctor of Science.** M.S., 1933, Iowa State; the centennial program carried the following, "Home Economist, Business Woman."  
**1958: James Lewis Morrill, Doctor of Laws.** President of the University of Minnesota.

**1958: George 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.** B.S., 1923, Iowa State; professor of animal husbandry, Purdue (1927-1945); president, Iowa State (1953-1965).

**1991: Raymond F. Baker, Doctor of Humane Letters.** B.S., 1935, Iowa State; director of research at Pioneer Hi-Bred International Inc.

**1992: Norman Borlaug, Doctor of Humane Letters.** 1970 Nobel Peace Prize recipient for work in developing wheat varieties.

**1993: Thornton A. Wilson, Doctor of Science.** B.S., 1943, Iowa State; President of the Boeing Company in 1968 and chairman of the board in 1972; DAC recipient in 1973.\*

**1993: Charles Concordia, Doctor of Science.** One of the most distinguished power systems engineers in the world.

**1994: George Washington Carver, Doctor of Humane Letters.** B.S., 1894, M.S., 1896, Iowa State; first African-American Student at Iowa State; world renowned plant scientist.

**1994: Hugh S. Sidey, Doctor of Humane Letters.** B.S., 1950, Iowa State; staff member and columnist for Time magazine for more than 30 years; first recipient of James W. Schwartz Award for "Distinguished Service to Journalism and Mass Communication; DAC recipient in 1972.\*

**1995: D. Gale Johnson, Doctor of Humane Letters.** B.S., 1932, Ph.D., 1945, Iowa State; teacher and researcher of the agricultural economic problems in Russia and China; DAC recipient in 1995.\*

**1996: M. E. "Gene" Ensminger, Doctor of Humane Letters.** Achievements for his work in animal science, education and international agriculture.

**1997: Simon Estes, Doctor of Humane Letters.** studied voice at the University of Iowa from 1956-1963; from 1964 to 1965 studied at the Juilliard School of Music; distinguished faculty member at Juilliard since 1986; recognized for extraordinary achievements in operatic music, philanthropy, and generosity to disadvantaged children; named Honorary Alumnus in 2007.

**1997: Emery N. Castle, Doctor of Humane Letters.** Ph.D., 1952, Iowa State; 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.** M.S., 1926, Iowa State; 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; DAC recipient in 1984.\*

**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 R. Yamamoto, Doctor of Science.** B.S., 1968, Iowa State; internationally known research scientist and a leader in national science policy; known for his breakthrough work on steroid hormone receptors; DAC recipient in 1997.\*

**2001: John Ruan, Doctor of Humane Letters.** Chairman and CEO of The Ruan Companies, Des Moines; recognized for his generosity to the city of Des Moines, his home state of Iowa and the international community; founder and ongoing supporter

of the World Food Prize Foundation, publicizes the challenges of feeding the world and recognize significant advances in our capacity to produce, improve and distribute food.

**2002: Katharine Abraham, Doctor of Science.** B.S., 1976, Iowa State; occupied one of the most important professional positions in the U.S. government dealing with economic performance and economic policy, the Bureau of Labor Statistics; under her direction, the bureau improved its method for collecting employment statistics, initiated a program to collect data on job vacancies and improved the way the Consumer Price Index is measured; DAC recipient in 1999.\*

**2002: Dr. M. Daniel Lane, Doctor of Humane Letters.** Contributions to research in the fields of biochemistry and nutrition; international leader in understanding the development and mechanisms underlying obesity; contributed to development of appetite-controlling drug; ground-breaking work in insulin signaling and in mechanisms underlying diabetes.

**2003: Roy Whistler, Doctor of Science.** Ph.D., 1938, Iowa State; an internationally recognized leader in carbohydrate research for more than half a century; DAC recipient in 1999.\*

**2003: Joanne Eicher, Doctor of Humane Letters.** Played a key role in developing an understanding of and respect for African textiles in this country.

**2006: Vance Coffman, Doctor of Science.** B.S., 1967, Iowa State; widely respected by the nation's military and civilian leaders, often sought for advice on national security goals; DAC recipient in 1999.\*

**2006: Graham B. Spanier, Doctor of Humane Letters.** B.S., 1969, M.S., 1971, Iowa State; president of the Pennsylvania State University; known as one of the nation's premier leaders in higher education issues and helping universities meet the changing needs of the society and world; recipient of Distinguished Alumni Award in 2004.

**2006: Monkombu Sambasivan Swaminathan, Doctor of Humane Letters.** Ph.D in plant genetics from Cambridge University; acclaimed by TIME magazine as one of the 20 most influential Asians of the 20th century and one of three from India, the others being Mahatma Gandhi and Rabindranath Tagore; considered a world leader in sustainable food security.

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

**2006: Robert D. Ray, Doctor of Humane Letters.** an attorney in Des Moines for 14 years; he served an unprecedented five terms as Governor of Iowa, from 1969-1983, served as a U.S. representative to the United Nations; named "Most Influential Iowan" at the turn of the century and holds honorary degrees from 17 colleges and universities.

**2007: Robert Byron Bird, Doctor of Science.** B.S., University of Illinois; Ph.D., Wisconsin; Vilas Professor Emeritus of chemical and biological engineering at the University of Wisconsin, Madison; known for five decades of books and research in chemical engineering and thermal science; Fulbright Lecturer and Guggenheim Fellow at Technische Universiteit, Delft, The Netherlands; Fulbright Professor at Kyoto University and Nagoya University, Japan; Fulbright Lecturer at the University of Sarajevo, Bosnia; and a visiting professor at universities in the United States, China and Belgium.

**2007: John Pappajohn, Doctor of Humane Letters.** Founder and president of Equity Dynamics, Inc., and Pappajohn Capital Resources, a venture capital firm; director on more than 40 public and private boards; launched the Pappajohn Centers for Entrepreneurship at several Iowa colleges; Iowa Philanthropist of the Year Award in 1998, and Honorary Alumni of Iowa State University in 2005.

**2008: Michael M. Crow, Doctor of Humane Letters.** B.S., 1977, Iowa State; Ph.D., 1985, Maxwell School of Citizenship and Public Affairs, Syracuse University; president, Arizona State University; faculty member: University of Kentucky, Columbia University, Iowa State (1985-1991). Helped establish more than 15 applied research centers and technology transfer organizational structures and mechanisms. Involved with Institute for Physical Research and Technology (IPRT) and Center for Crops Utilization Research (CCUR). Served as senior adviser to U.S. Departments of State and Commerce on science and technology policy related to intelligence and national security; a Fellow of the National Academy of Public Administration; and member, Council on Foreign Relations.

**2008: Kenneth M. Quinn, Doctor of Humane Letters.** Graduate of Wahlert High School and Loras College; former U.S. Ambassador to the Kingdom of Cambodia; president, World Food Prize Foundation; member, American Foreign Service; member, Henry Kissinger's National Security Council; Special Assistant to Ambassador Richard Holbrooke; Narcotics Counselor at US mission to the United Nations in Vienna; humanitarian efforts

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

**2009: J. Dwayne McAninch, Doctor of Science.** Founder, McAninch Corporation; adviser to the board of Caterpillar/Trimble Control Technologies, LLC; provided leadership for applying GPS technology to construction methods.

**2009: Chan Koo Park, Doctor of Science.** B.S., 1976, Iowa State; Chairman and CEO of chemical operations, Kumho Asiana Group; leader and innovator in the petrochemical industry; helped establish Asiana Airline, Kumho Express and Kumho Telecomm divisions; awards include: Gold Tower Industry Honor, Korea's highest corporate CEO award, Korea's Environment-Friendly Award, and several awards from the Office of the Korean President for contributions to the national economy, industry safety standards, labor relations, the environment and social responsibility.

**2009: M. Patricia Quinisk, Doctor of Science.** B.S. University of Wisconsin, Stevens Point; Master of Public Health from Johns Hopkins University; and M.D. from the University of Wisconsin, Madison. Epidemiologist and Medical Director of the Iowa Department of Public Health for the state of Iowa.

**2010: Harold L. Brock, Doctor of Science.** Apprenticed with Henry Ford at the Ford Trade and Apprentice School at age 15 and became Henry Ford's personal engineer; founding member of the board of directors of Hawkeye Community College in Waterloo; the Brock Student Center at Hawkeye Community College named in his honor; Director of Tractor Research and later Manager of Product Engineering at the John Deere Waterloo Tractor Works; designed the Deere 4020 tractor and brought it into production in 1963; founding member and president of the Society of Automotive Engineers (SAE), Mississippi Valley Section; recipient of the Cyrus Hall McCormick-Jerome Increase Case Gold Medal from the ASABE.

**2010: Jonathan D. Rich, Doctor of Science.** B.S. Iowa State; Ph.D. University of Wisconsin; over 20 years of experience in the silicones industry, starting as a research chemist and progressing to CEO of the second-largest producer of silicones and silicone derivatives in the world; director of Momentive Performance Materials Inc. in June 2007; joined Goodyear Tire and Rubber Company in 2000, serving as director of chemical R&D, president of Goodyear Chemical, and in 2002 was named president, North

American Tire, and Chairman of the Board, Goodyear Dunlop Tires NA; serves on Iowa State University's Institute for Physical Research and Technology (IPRT) Industrial Advisory Board.

**2011: Harold Scheraga, Doctor of Science.** B.S., 1941, City College of New York; A.M., 1942 & Ph.D., 1946 Duke University; one of the world's leading physical chemists working on macromolecules, primarily proteins and nucleic acids, member of the National Academy of Science and American Academy of Arts and Science, and a Fellow of the American Chemical Society, Biophysical society, and American Association for the Advancement of Science, six-time Fogarty Scholar of the National Institutes of Health. Four of his papers have been designated as "citation classics" by the journal Current Contents, and in the March 1982 issue, he was listed as the most frequently cited physical chemist in the world. In a 2009 ranking of the 2,000 most notable living chemists, he was ranked 11th

**2011: Robert N. Shelton, Doctor of Science.** B.S., Stanford University; M.S. & Ph.D., University of California; 19th president of the University of Arizona, affiliated with the Ames Laboratory of the U.S. Department of Energy at ISU, in 1987, he joined the faculty at the University of California, Davis, as professor and chair of the Department of Physics, was appointed Vice Chancellor for Research in 1990, and Vice Provost for Research of the University of California system in 1996, in 2001, he joined the University of North Carolina, Chapel Hill, as Executive Vice Chancellor and Provost, Dr. Shelton's research has focused on collective electron effects in novel materials, and he made many significant contributions to the advancement of superconductivity and superconductive materials.

**2011: Benjamin J. Allen, Doctor of Humane Letters.** B.S., Indiana University; M.S. & Ph.D., University of Illinois; president of the University of Northern Iowa since 2006; former professor, dean, vice president and provost at Iowa State University from 1979 to 2006; and a member of the Washington State University faculty from 1974 to 1979, including a year as a Brookings Economic Policy Fellow in the U.S. Department of Transportation; nationally known researcher and educator in transportation and logistics, appointed by Iowa Governor Branstad to co-chair, the Iowa STEM (Science, Technology, Engineering and Mathematics) Advisory Council.

**2012: George P. Belitsos, Doctor of Humane Letters.** Founder and Chief Executive Officer of Youth and Shelter Services, Inc. (YSS). Headquartered in Ames, YSS is dedicated to helping communities prepare young people for the challenges of life by providing information services and tools to create healthier opportunities and outcomes for troubled youth.

**2012: Daniel Gianola, Doctor of Science.** B.S. 1970, Universidad de la Republica, M.S. 1973, Ph.D. 1975 University of Wisconsin -Madison. Sewall Wright Professor of Animal Breeding and Genetics at the University of Wisconsin, Madison. Dr. Gianola's research involves theory and applications of quantitative genetics to animal breeding, and it has had a profound impact on the analysis of animal breeding data.

**2012: James L. Barnard, Doctor of Science.** B.S. University of Stellenbosch & University of Pretoria; M.S. University of Texas; Ph.D. Vanderbilt University. Global Practice and Technology Leader for Black & Veatch, an international engineering, consulting and construction company in energy, water, telecommunications, and management consulting projects with more than 100 offices worldwide; one of the world's leading environmental engineers.

**2013: Peggy A. Whitson, Doctor of Science.** B.S. Iowa Wesleyan College; Ph.D. Rice University. National Research Council Resident Research Associate at NASA's Johnson Space Center. She joined NASA as a research biochemist in 1989. Later became a NASA astronaut, space mission commander and chief of the NASA Astronaut Corps; included two extended periods in space aboard the International Space Station (ISS), serving as NASA's first Science Officer on her first mission and as commander of the second mission. The first mission (2002), lasted 185 days and included a nearly four and one-half hour spacewalk to install and check equipment. Her second space mission (2007), lasted 192 days.