



FALL COMMENCEMENT

FRIDAY, DECEMBER 14, 2018
SATURDAY, DECEMBER 15, 2018

IOWA STATE UNIVERSITY

Dear Iowa State University Graduates and Guests:

Congratulations to all of the Fall 2018 graduates of Iowa State University!



Welcome to Iowa State University's Fall 2018 Commencement. Congratulations to all of the graduates, and thank you to everyone who played a role in their successful journey through Iowa State.

Commencement is an opportunity to reflect on what you have learned and to celebrate your achievements. Every single graduate has been a valued and important member of the Iowa State community. We are a better university because of the diverse, positive contributions you have made during your time here. We thank you for the many ways you have enhanced our campus – both inside and outside the classroom, and we wish you the very best as you begin your next chapter.

Iowa State is now in its 160th year as the state's only land-grant university. We are proud to be one of the most student-centered public research institutions in the country. Through our distinct mission of education, research, and extension, Iowa State is preparing students for fulfilling careers and lives and for meeting the needs of society. Iowa State graduates will become the professionals, entrepreneurs, and leaders of our state, nation, and world; and their future accomplishments will reflect the exceptional quality of this university. As you graduate today, we thank you for being a part of this wonderful tradition and for supporting Iowa State's legacy of excellence.

I hope you enjoy today's commencement ceremony, and that you will continue to be connected with Iowa State University. We wish you great success and happiness.

Sincerely,

A handwritten signature in black ink that reads "Wendy Wintersteen". The signature is written in a cursive, flowing style with a large initial "W".

*Wendy Wintersteen
President of the University*

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IOWA STATE UNIVERSITY POINTS OF PRIDE

Profile Information:

- » Iowa State became the nation's first land-grant institution when the Iowa Legislature accepted the provisions of the 1862 Morrill Act.
- » Iowa State is a member of the Association of American Universities (AAU), which consists of 62 leading research-intensive universities in North America.
- » Iowa State has eight colleges, including the Graduate College, that offers over 100 bachelor's degree programs, 112 master's degree programs, and 83 Ph.D. level programs, plus a professional degree program in Veterinary Medicine.
- » The Iowa State Research Park is a hub for transferring faculty research and innovation to economic opportunities: eighty-nine companies employ 2,050 people and 300 student interns.
- » Iowa State experienced a 35 percent enrollment growth between 2008 and 2017. We are proud to educate students from all 99 Iowa counties, all 50 states, and 127 countries.
- » Iowa State's athletic teams compete in Division I of the NCAA and are a founding member of the Big 12 athletic conference.
- » More than 254,000 Iowa State alumni live in all 50 states and 149 countries.

Excellence in Research at ISU:

- » A legacy of innovation and discovery:
 - The world's first electronic, digital computer
 - The world's first moving tornado simulator
 - The world's highest resolution, immersive virtual reality lab
 - A supercomputer, Cyence, that blazes through more than 183 trillion calculations per second
 - The nation's first research and demonstration farm for biomass production and processing
 - Dynamometer facility capable of testing large construction and farm machinery, opening summer 2019
 - New Student Innovation Center scheduled to open in 2020
- » External funding topped half billion dollars last year
- » Iowa State researchers attract nearly a quarter million dollars from federal, nonprofit, and industry sponsors, who look to Iowa State for innovative and ground-breaking discoveries that solve real problems for Iowa and the world.
 - Researchers are engineering nanovaccine therapies that will be more effective, safer, and cheaper, and that do not require refrigeration, so they can help control disease in areas without reliable electricity.
 - Researchers are adding value to agriculture by creating new biorenewable chemicals from

agricultural bioproducts.

- Researchers are leveraging data from our Veterinary Diagnostic Lab to understand what strains of flu are emerging in real time for swine.
- Researchers are helping to improve our justice system by quantifying the reliability of matches for shoe prints and bullets.
- Researchers are discovering new materials that make airplanes lighter and more reliable.
- » Iowa State's Veterinary Diagnostic Laboratory is internationally recognized and plays a direct role in protecting animal and human health, the safety and security of our food supply, and advancing Iowa's \$32 billion animal agriculture economy. It is the nation's largest and busiest full-service diagnostic lab for food animals. The lab processed 86,000 cases last year, conducting more than 1.25 million diagnostic tests.



Excellence in Education at ISU:

- » COLLEGE OF AGRICULTURE AND LIFE SCIENCES: The college boasts a record-high 99.2 percent placement rate for graduates within six months of graduation. Placement rates have been 97 percent or higher for more than 20 years, and the college's Career Day is the largest annual student job fair of its kind in the nation.
- » IVY COLLEGE OF BUSINESS: A \$50 million gift from Debbie and Jerry Ivy ('53 industrial administration) named us the Debbie and Jerry Ivy College of Business in October 2017. This is the largest gift in the college's history. At the time, only 14 other business schools in the country had received a larger gift.
- » COLLEGE OF DESIGN: Everything you see, every minute of every day, is likely the product of disciplines that live, work, and play together "under one roof" in the College of Design. In this environment, students learn to collaborate to solve

very complex problems, merging the poetic and the pragmatic of our lives.

- » COLLEGE OF ENGINEERING: The college delivers a high-quality experiential-based education to a record number of students. The college has the largest undergraduate and graduate enrollment on campus, and it ranks 7th largest for undergraduate engineering enrollment in the country.
- » COLLEGE OF HUMAN SCIENCES: The college is developing fireproof clothing for emergency responders, preparing PK-20 educators who teach in every Iowa county, reducing substance abuse, improving food safety, delivering the world's largest dietetics internship program, and advancing diet and exercise science.
- » COLLEGE OF LIBERAL ARTS AND SCIENCES: The college introduced a data science minor and certificate this year, which enhances any degree at Iowa State. Current students and graduates can obtain the skills to visualize, interpret, and communicate data – skills which are among the highest in demand by employers in nearly every industry.
- » GRADUATE COLLEGE: The Graduate College prioritizes the development of the communication skills of students pursuing master's and doctoral degrees. The college's Center for Communication Excellence provides a wide range of innovative, evidence-based services to enhance essential writing and speaking skills.
- » COLLEGE OF VETERINARY MEDICINE: The college is the nation's first public veterinary school, is one of only 30 in the U.S., and is the 2nd largest. The college focuses on animal and human health, food safety, and animal welfare to the benefit of animal agriculture, economic development, and the health and well-being of humans and their animals.

Excellence in Extension and Outreach at ISU:

- » Annually, more than 1 million people directly benefit from Iowa State University Extension and Outreach programs focused on feeding people, keeping them healthy, helping their communities prosper and thrive, and turning the world over to the next generation better than we found it.
- » ISU Extension and Outreach offers front-door access in all 99 counties connecting the needs of Iowans with Iowa State University research and resources.



ISU Alumni Association:

- » The ISU Alumni Association was founded by the first graduating class (1872) of Iowa State College.
- » The ISU Alumni Association is the second-largest membership alumni organization in the Big 12 Conference.

Rankings:

- » No. 1 (Iowa), top 12 percent (U.S.) best college value, Money Magazine
- » No. 2 graduate and No. 3 undergraduate program, agricultural and biosystems engineering, U.S. News and World Report, 2019
- » Top 25 graduate programs (public universities), aerospace; chemical; civil; computer; electrical/electronic; industrial and manufacturing systems; and materials engineering, U.S. News and World Report, 2019
- » Best value in U.S., Graduate College (No. 5) and criminal justice program (No. 9), Value Colleges, 2017
- » No. 1 (Midwest) and No. 3 (U.S.) fashion merchandising program, Fashion Schools
- » No. 8 (U.S.) landscape architecture programs, No. 18 (U.S.) interior design, No. 23 (U.S.) architecture, Design Intelligence
- » No. 30 (public universities) student engagement, Wall Street Journal/Times Higher Education
- » No. 2 Best Colleges for Software Engineering and No. 2 Best Colleges for Marketing Degree Programs, Schools.com, 2018
- » No. 1 Best 4-Year Colleges in Iowa, Schools.com, 2018
- » College of Agriculture and Life Sciences ranks in the top 4 percent worldwide for agricultural programs, QS World University Rankings
- » Ames, Iowa, is No. 2 on Livability's 2018 Best College Towns list.

THE OFFICIAL UNIVERSITY MACE

Sculptor Jeanne L. Stevens-Sollman of Bellefonte, Pennsylvania, designed and crafted the mace and presidential chain of office used in Iowa State University's formal academic ceremonies. The complementary pair of bronze and silver ceremonial items are on display in the Alumni Center as part of University Museums' Art on Campus collection.

The mace symbolizes the authority of the university president. The chief faculty marshal carries it at the head of the academic procession and, by placing it on its stand, signals the beginning of the ceremony. The presidential chain of office symbolizes the rich history and traditions of Iowa State University.

Created in bronze, silver, and tiger maple, Iowa State University's mace is an interpretation of the campanile. The bronze headpiece features two campus landmarks—the campanile and Christian Petersen's Fountain of the Four Seasons—and a silver presidential seal inscribed with "Iowa State University—Science With Practice." The tiger maple staff bears bronze plaques inscribed with the names of all previous Iowa State presidents and their years of service. The mace is 60 inches long and weighs 14 pounds.



THE PRESIDENTIAL CHAIN OF OFFICE

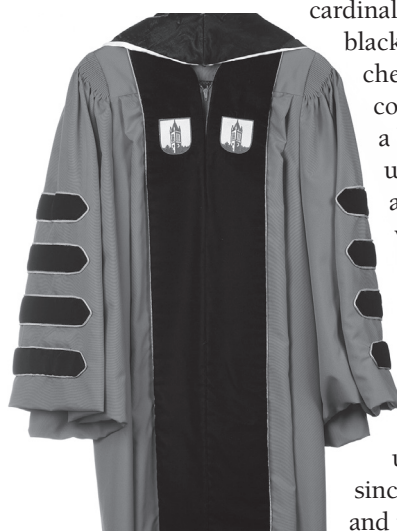
The presidential chain of office features an image of the campanile on the front. On the back is a representation of Beardshear Hall, home to the president's office. The columns of Beardshear form the shoulder epaulets, inscribed with "leadership" and "service." The campanile-inspired links in the presidential collar contain the words "engagement," "learning," "discovery," and "access." The reverse sides of the bronze sections feature low bas reliefs of corn.

The mace and first presidential chain of office ("Monile Praesidis Maximus") was commissioned by University Museums and the ISU Alumni Association in 2008. The second presidential chain ("Monile Praesidis Secundum"), a proportionally smaller version commissioned by University Museums in 2018, was supported by an anonymous donor and Carole A. and Roger E. Custer.



ACADEMIC REGALIA

In May 2008, 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 the two front velvet panels. An eight-sided black velvet tam with a gold silk tassel completes the official regalia.

Academic gowns have been part of the university experience since the twelfth century and the advent of the first European universities.

Because these early schools were connected to great cathedrals, the black gown of the schoolmasters, or scholastics, emulated the somber dignity of the clergy and signified a life devoted to learning. In addition, the ample materials of the gown served to keep the scholars warm in the drafty environment of the medieval university.

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 square shape of the scholar's cap or mortarboard is thought to denote the stability of scholars and their books. 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 master's and doctorate degree recipients. Hoods were added to the official academic attire of master's degree recipients in May 2018. 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.

HOODING CEREMONY, DOCTOR OF PHILOSOPHY

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

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

they are truly experts in their fields whose research has contributed significantly to human knowledge.

The hooding ceremony symbolizes their admission to the exclusive ranks of those who have earned the respect associated with the title "Doctor of Philosophy." During the hooding ceremony, the degree recipients are escorted and hooded by their major professors who have worked with them throughout their study for the doctoral degree. The hoods will connect the graduate with a family of scholars throughout history and from all parts of the world.

SPECIAL RECOGNITION, ADVANCED DEGREES

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

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

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

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

- § Research Excellence Award
- †† Teaching Excellence Award

SPECIAL RECOGNITION, UNDERGRADUATE DEGREES

Candidates for undergraduate degrees may be recognized for graduating "With Distinction" 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 4.00 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 will 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

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 3.50 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 3.00 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 ⅓ of 1% of the junior class. These students are wearing two red cords intertwined with a single gold cord.



Fall 2018

Graduate College
Commencement Ceremony

7:00 p.m., Friday, December 14, 2018
James H. Hilton Coliseum

GRADUATE COLLEGE COMMENCEMENT PROGRAM

7:00 p.m., Friday, December 14, 2018, James H. Hilton Coliseum

President Wendy Wintersteen, B.S., Ph.D., Presiding

Processional

Pomp and Circumstance..... Edward Elgar

The Star-Spangled Banner Francis Scott Key
arr. by Michael Golemo
Zachary Fisher, Vocalist

Opening Remarks

President Wendy Wintersteen

Commencement Address

James McShay,
Assistant Chancellor for
Equity and Inclusion at the
University of Washington Tacoma

Recognition of Students Receiving Research Excellence Awards and Teaching Excellence Awards

Provost Jonathan Wickert

Conferring of the Degree Doctor of Philosophy

Candidates from the Graduate College
presented by William Graves, Dean of the Graduate College

President Wendy Wintersteen

Conferring of the Master's Degree

Candidates from the Graduate College
presented by William Graves, Dean of the Graduate College

President Wendy Wintersteen

The Class of 2018 and the Alumni Association

Jeffery Johnson
Lora and Russ Talbot Endowed President and CEO
Iowa State University Alumni Association

Closing Remarks

President Wendy Wintersteen

The Bells of Iowa State James Wilson
Refer to the back cover for the lyrics and history of *The Bells of Iowa State* arr. by Michael Golemo
Zachary Fisher, Vocalist

Recessional

La Mourisque..... Tylman Susato

GRADUATE COMMENCEMENT CEREMONY

Platform Officials

Wendy Wintersteen, President of the University

James McShay, Assistant Chancellor for Equity and Inclusion, University of Washington Tacoma; and Commencement Speaker

Larry McKibben, Board of Regents, State of Iowa

Jonathan Wickert, Senior Vice President and Provost

Martino Harmon, Senior Vice President for Student Affairs

Sarah Nusser, Vice President for Research

Reginald Stewart, Vice President for Diversity and Inclusion

John Lawrence, Vice President for Extension and Outreach

Dawn Bratsch-Prince, Associate Provost for Faculty

Laura Doering, Associate Vice President for Enrollment Management and Student Success

Vernon Hurte, Associate Vice President for Student Affairs; and Dean of Students

Jeffery Johnson, Lora and Russ Talbot Endowed President; and Chief Executive Officer of the Iowa State University Alumni Association

Beth McNeil, Dean of Library Services

Peter Martin, University Professor of Human Development and Family Studies; and Faculty Senate President

Mark Simpson, University Registrar

William Graves, Dean of the Graduate College; and Professor of Horticulture

Luis Rico-Gutierrez, Dean of the College of Design; and Professor of Architecture

Sarah Rajala, James L. and Katherine S. Melsa Dean of the College of Engineering; and Professor of Electrical and Computer Engineering

Laura Dunn Jolly, Dean and Dean's Chair of the College of Human Sciences; and Professor of Apparel, Events, and Hospitality Management

Dan Grooms, Stephen G. Juelsgaard Dean of the College of Veterinary Medicine; and Professor of Veterinary Diagnostic and Production Animal Medicine

Joe Colletti, Interim Endowed Dean of the College of Agriculture and Life Sciences; Interim Director of the Iowa Agriculture and Home Economics Experiment Station; and Professor of Natural Resource Ecology and Management

Russell Lacznia, Associate Dean for Graduate Programs and Research in the Ivy College of Business; John and Connie Stafford Professor in Business; and Professor of Marketing

Wolfgang Kliemann, Interim Associate Dean of the College of Liberal Arts and Sciences; and Professor of Mathematics

Faculty Representatives and Presenting Professors

James Alleman, Civil, Construction and Environmental Engineering ◇◇

Robbyn Anand, Chemistry

Sotirios Archontoulis, Agronomy

Jeremy Ashlock, Civil, Construction and Environmental Engineering ◇◇

Thomas Baas, Animal Science

Lorenzo Baber, School of Education

Xianglan Bai, Mechanical Engineering

Carmen Bain, Sociology and Anthropology

Constance Beecher, School of Education

Stuart Birrell, Agricultural and Biosystems Engineering ◇◇

Kaitlin Bratlie, Chemical and Biological Engineering

Ludovico Cademartiri, Materials Science and Engineering

Paul Canfield, Physics and Astronomy †◇◇

Steven Cannon, Agronomy

Halil Ceylan, Civil, Construction and Environmental Engineering

Carl Chang, Computer Science

An Chen, Civil, Construction and Environmental Engineering

In-Ho Cho, Civil, Construction and Environmental Engineering

Eric Cochran, Chemical and Biological Engineering

Tina Coffelt, English

Matthew Darr, Agricultural and Biosystems Engineering

Tim Derrick, Kinesiology ◇

Carolyn Dill, Genetics Development and Cell Biology

Erin Doran, School of Education

Nicola Elia, Electrical and Computer Engineering

Jeffrey Essner, Genetics Development and Cell Biology

Shuizhang Fei, Horticulture

Faculty Representatives and Presenting Professors, continued

Matthew Frank, Industrial and Manufacturing Systems Engineering

Kristie Franz, Geological and Atmospheric Sciences

Megan Gilligan, Human Development and Family Studies

Alan Goldman, Physics and Astronomy ‡

Mark Gordon, Chemistry ‡◆◆

Douglas Gransberg, Civil, Construction and Environmental Engineering

Linda Hagedorn, School of Education

Andrew Hillier, Chemical and Biological Engineering ◆◆

Stephen Holland, Aerospace Engineering

Stephen Howell, Genetics Development and Cell Biology, ‡

Hui Hu, Aerospace Engineering ◆◆

Thomas Isenhardt, Natural Resource Ecology and Management

Duane Johnson, Materials Science and Engineering ◆◆

Ahmed Kamal, Electrical and Computer Engineering

Elena Karpova, Apparel, Events, and Hospitality Management

Charles Kerton, Physics and Astronomy

Kyrylo Kovnir, Chemistry ◆◆

Ratnesh Kumar, Electrical and Computer Engineering ◆◆

Susan Lamont, Animal Science ‡

Lorraine Lanningham-Foster, Food Science and Human Nutrition

Nick Lauter, Plant Pathology and Microbiology

Young-Jin Lee, Chemistry

Richard Lesar, Materials Science and Engineering

Peng Liu, Statistics

Catherine Logue, Veterinary Microbiology and Preventive Medicine

Robert Mazur, Sociology and Anthropology

Mark Mba-Wright, Mechanical Engineering

Ellen McKinney, Apparel, Events, and Hospitality Management

Gordon Miller, Chemistry ‡‡

Gregory Miller, Agricultural Education and Studies

Cheryl Morris, Animal Science

Daniel Nordman, Statistics

Sarah Nusser, Statistics

Brent Phares, Civil, Construction and Environmental Engineering

Gurpur Prabhu, Computer Science

Ruslan Prozorov, Physics and Astronomy

Long Que, Electrical and Computer Engineering

Lakshman Rajagopal, Apparel, Events, and Hospitality Management

David Roberts, English

Jason Ross, Animal Science ◆◆

Paul Sacks, Mathematics

Maria Salas-Fernandez, Agronomy

Mayly Sanchez, Physics and Astronomy ◆◆

Partha Sarkar, Aerospace Engineering

Soumik Sarkar, Mechanical Engineering

Christian Schwartz, Mechanical Engineering

Behrouz Shafei-Pamsari, Civil, Construction and Environmental Engineering

Brent Shanks, Chemical and Biological Engineering ‡◆◆

Anuj Sharma, Civil, Construction and Environmental Engineering

Elizabeth Shirtcliff, Human Development and Family Studies

Igor Slowing, Chemistry

Arun Somani, Electrical and Computer Engineering ‡◆◆

Levi Stanley, Chemistry

Sriram Sundararajan, Mechanical Engineering

Peter Taylor, Civil, Construction and Environmental Engineering

Jean-Philippe Tessonier, Chemical and Biological Engineering

Martin Thuo, Materials Science and Engineering

Stephen Vardeman, Statistics ‡‡

Xinwei Wang, Mechanical Engineering

R. Christopher Williams, Civil, Construction and Environmental Engineering ◆◆

Brian Wilsey, Ecology, Evolution and Organismal Biology

Susan Wohlsdorf-Arendt, Apparel, Events, and Hospitality Management

Yanhai Yin, Genetics Development and Cell Biology

Yan Zhao, Chemistry

Tianshu Zheng, Apparel, Events, and Hospitality Management

Faculty Marshals

Robert Wallace, Associate Professor of Ecology,
Evolution, and Organismal Biology
College of Liberal Arts and Sciences ◆◆

C. Lee Burras, Professor of Agronomy
College of Agriculture and Life Sciences ◇

John Cunnally, Professor of Art and Visual Culture
College of Design ◇

Frederick Dark, Associate Professor of Finance and
Dean's Professor in Finance
Ivy College of Business ✧✧

Veronica Dark, Professor Emeritus of Psychology
College of Liberal Arts and Sciences ◇

Tim Derrick, Professor of Kinesiology
College of Human Sciences ◇

Michael Martin, Associate Professor of Landscape
Architecture
College of Design ◇

Gordon Miller, University Professor of Chemistry
College of Liberal Arts and Sciences ‡‡

Craig Ogilvie, Assistant Dean of the Graduate College;
and Professor of Physics and Astronomy
College of Liberal Arts and Sciences ⌘

Frank Peters, Associate Professor of Industrial and
Manufacturing Systems Engineering and C. G. "Turk"
and Joyce A. Therikildsen Professor
College of Engineering ✧✧

Janette Thompson, Professor of Natural Resource
Ecology and Management
College of Agriculture and Life Sciences ⌘

Announcer and Reader of Names

Hollis Monroe

Michael Martin ◇

Musicians

CONDUCTOR **Michael Golemo, Director of Bands**

STUDENT VOCALIST **Zachary Fisher**

EUPHONIUM

Peter Bekkerus
Jared Lancaster

HORN

Millicent Cameron
Kristy Carter
Michael Miller
Nadia Somers
Lydia Stanley
Keeley Taylor

PERCUSSION

Collin Bell
Joshua Grant

TROMBONE

Adam Hauge
Kyle Kain
Adam Lappin
Gabriel Rueger
Ross Thedens
Grace Zihlman*

TRUMPET

David Lass
Matthew Lowe
Matt Polson
Amanda Schuler
Paige Sorensen
Caleb Webb
Lucas Yoakam

TUBA

Corey Hatfield
Griffin Meadors
Jacob Welper

* *Graduating Student*

‡ *Distinguished Professor*

‡‡ *University Professor*

⌘ *Morrill Professor*

✧ *Endowed Chair*

✧✧ *Endowed Professorship*

◆ *Chief Faculty Marshal*

◇ *Senior Faculty Marshal*

GRADUATE COLLEGE COMMENCEMENT SPEAKER

James McShay, Assistant Chancellor for Equity & Inclusion at the University of Washington Tacoma

Dr. James McShay is the Assistant Chancellor for Equity & Inclusion at the University of Washington



Tacoma. In this role, he oversees the Center for Equity & Inclusion and leads initiatives, programs, and research efforts that foster a culture of equity, inclusion, and success for students, faculty, and staff at the university.

Before joining UW Tacoma, Dr. McShay directed the Office of Multicultural Involvement & Community Advocacy at the University of Maryland, College

Park, where he also served as the Associate Director of the Adele H. Stamp Student Union – Center for Campus Life. At Iowa State University, he was a faculty member in Multicultural and International Curriculum Studies and the former Director of Undergraduate Education for the Department of Curriculum and Instruction in the College of Human Sciences. He also served as the professor-in-

charge for University Studies 150, *Dialogues on Diversity*. He has taught undergraduate and graduate courses in multicultural education, ethnicity and learning, antiracist education, and multicultural practice in student affairs.

His research interests include uses of critical pedagogy in K-16 education, intersectional learning and engagement in Student Affairs, and digital learning technologies and critical multicultural education. He has published in the *Journal of Multicultural Perspectives*, *Multicultural Education and Technology Journal*, *New Directions for Student Service*, *Journal of Student Affairs Research and Practice*, and *Critical Multiculturalism: From Theory to Praxis*.

Dr. McShay's administrative responsibilities, teaching, and research have focused on promoting educational practices and interventions that foster college students' understandings about intersecting identities, power, and privilege, and how these concepts are shaped by ideologies, social institutions, and historical formations within the context of K-16 schools and society. He holds an affiliate faculty appointment in the School of Education at the University of Washington Tacoma.

GRADUATE COLLEGE STUDENT MARSHAL

Maria Betsabe Mantilla-Perez *Hometown: Quito, Ecuador*
Major: Agronomy



Maria Betsabe Mantilla-Perez earned a Ph.D. in Agronomy from Iowa State University.

In addition to her field and lab work, during her time at Iowa State University, Maria also served as a teaching assistant and as a senator and executive for the Graduate and Professional Student Senate.

Maria has been broadly recognized for her outstanding contributions in research, teaching, and leadership, and she has received awards from the Crop Science Society of America, the Iowa State University Office for the Vice-President for Research, the Graduate College, the College of Agriculture and Life Sciences, the ISU Department of Agronomy, the Graduate and Professional Student Senate, and national and international professional conferences.

Maria has joined Bayer Crop Science as a Wheat Line Development Breeder for North America.
Escort: Maria Salas-Fernandez, Associate Professor of Agronomy

CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Major in Aerospace Engineering

§ Anand Amrit	Rourkela, India	Racheet Matai	Pune, India
†† Linkai Li	Foshan, China		
DISSERTATION: Experimental investigations on ice accretion process and anti-/de-icing technology for aero-engine icing mitigation			

Major in Agricultural and Biosystems Engineering

Kenneth O. M. Mapoka	Gaborone, Botswana	Pawan Upadhyay	Haldwani, India
DISSERTATION: Nondestructive measurement system to determine corn seed planting depth using ground penetrating radar			
		DISSERTATION: Hydrological and empirical modeling framework for farmed prairie potholes in the prairie pothole region of Iowa	

Major in Agricultural Education

§ Yahya Saeed Alotibi	Riyadh, Saudi Arabia	Normala Ismail	Penang, Malaysia
DISSERTATION: Perceived distance and instructional design in online agriculture and life science courses			

Major in Analytical Chemistry

Maria Emilia Duenas	Quito, Ecuador	§ Qiaochu Zhu	Harbin, China
DISSERTATION: Advances in cellular and sub-cellular level localization of lipids and metabolites using two- and three dimensional high-spatial resolution MALDI mass spectrometry imaging		DISSERTATION: Fluorescence imaging for nanoscale clustering and lateral diffusion of receptor for advanced glycation endproducts	

Major in Animal Physiology

†† Amanda Lynn Fordyce	Des Moines, Iowa		
DISSERTATION: Investigating physiological parameters and management procedures in the periparturient period that affect subsequent performance in ungulate species			

Major in Animal Science

†† Cayla Jo Iske	Gretna, Neb.	§ Qingyun Li	Cangzhou, China
DISSERTATION: Influence of nutrient intake on oxidative stress in zoo-managed species		DISSERTATION: Impact of dietary fiber and exogenous carbohydrases in weaned pigs	
Gregory Thomas Krahn	Cedarburg, Wis.		

Major in Apparel Merchandising and Design

Charity Suzanne Armstead	Roswell, Ga.	Bertha Margaretha Jacobs	Pretoria, South Africa
DISSERTATION: Presenting a retro appearance through sewing for oneself: Motivations and methods		DISSERTATION: Skills and knowledge required for merchandising professionals in the South African apparel retail industry	

Major in Applied Linguistics and Technology

Manman Qian

Suizhou, China

Major in Astrophysics

†† Brandon James Marshall Kalamazoo, Mich.

DISSERTATION: An examination of the environments impacted by high-mass stars and their formation

Major in Biochemistry

Quinlin M. Hanson

Indianapolis, Ind.

Hayun Lee

Seoul, South Korea

DISSERTATION: Characterization of CRISPR RNA guided immunity in *Bacillus halodurans* type I-C system

Major in Bioinformatics and Computational Biology

Mingze He

Changchun, China

DISSERTATION: Analysis of G-quadruplexes as environmental sensors: Novel statistical models and computational algorithms enable interpretation of complex gene expression patterns for maize under salt stress conditions

Kejue Jia

Beijing, China

DISSERTATION: Using evolutionary covariance to infer protein sequence-structure relationships

Wimalanathan Kokulapalan Jaffna, Sri Lanka

DISSERTATION: Experimental and computational methods to assign gene function to maize genes

Major in Chemical Engineering

†† Anuraag Boddupalli

New Delhi, India

DISSERTATION: Study of collagen organization in cell-laden hydrogels and animal tissue samples for effective tissue engineering scaffolds

Jiajie Huo

Fenyang, China

DISSERTATION: Improving hydrothermal stability of carbon-supported metal catalysts for biomass conversions

Srikanth Nayak

Manipal, India

DISSERTATION: Macromolecular soft templates for synthesis and self-assembly of functional nanomaterials

Jacob Allan Mebus Nuhn

Cedar Falls, Iowa

DISSERTATION: The role of contact guidance on cancer metastasis

†† Radhika Giri Rao

Nasik, India

DISSERTATION: Carbon support effects on Pd/C catalysts for the liquid-phase hydrogenation of multifunctional chemicals

Zhiqi Yao

Jiangyin, China

Major in Chemistry

Min Li

Beijing, China

DISSERTATION: Dielectrophoresis at wireless bipolar electrode arrays: Applications to the marker-free selection and detection of circulating tumor cells

†† Juan Sebastian Manzano

Quito, Ecuador

Yang Qu

Lanzhou, China

DISSERTATION: Synthesis of 2-pyrone containing products and Hibiscone C

Major in Civil Engineering (Civil Engineering Materials)

Conglin Chen

Changchun, China

DISSERTATION: Performance evaluation of polymer modified asphalt binders utilizing soybean-derived materials

DISSERTATION: Topics in generalized linear mixed models and spatial subgroup analysis

Xin Wang

Lanzhou, China

Major in Civil Engineering (Construction Engineering and Management)

Huyen Thanh Do *Da Nang, Vietnam*

DISSERTATION: Data-driven modeling for improved residential building electricity consumption prediction and HVAC efficiency evaluation

Major in Civil Engineering (Geotechnical Engineering)

Tung Phuong Hoang *Da Nang, Vietnam*

DISSERTATION: Sand and silty-sand soil stabilization using Bacterial Enzyme Induced Carbonate Precipitation (BEICP)

Major in Civil Engineering (Structural Engineering)

Sameera T. Jayathilaka *Anuradhapura, Sri Lanka*

§ Philippe Kalmogo *Ouagadougou, Burkina Faso*

DISSERTATION: Improving efficiency of the load and resistance factor design of axially-loaded drilled shafts in bridge foundations

Hao Wu

Xuzhou, China

Major in Civil Engineering (Transportation Engineering)

Tingting Huang *Changchun, China*

DISSERTATION: Big data driven diagnostics for intelligent transportation systems

Major in Computer Engineering

§ Mohammad R. Khalili Shoja *Tehran, Iran*

DISSERTATION: Secret key establishment from common randomness represented as complex correlated random processes: Practical algorithms and theoretical limits

Piyush Lakhawat

Jodhpur, India

DISSERTATION: Knowledge discovery techniques for Transactional data model

Major in Computer Engineering (Secure and Reliable Computing)

†† Benjamin Robert Holland *Ames, Iowa*

DISSERTATION: Computing homomorphic program invariants

Major in Computer Science

Qiumao Ma *Shenzhou, China*

DISSERTATION: Towards efficient and accountable oblivious cloud storage

§ Gianina Alina Negoita *Bucharest, Romania*

DISSERTATION: High performance computing applications: Inter-process communication, workflow optimization, and deep learning for computational nuclear physics

Major in Condensed Matter Physics

†† William Richard Meier *Kansas City, Mo.*

DISSERTATION: Growth, properties and magnetism of $\text{CaKFe}_4\text{As}_4$

Serafim Teknowijoyo *Solo, Indonesia*

Guanghua Zhang *Luohe, China*

DISSERTATION: Exotic phases in strongly correlated materials

Major in Crop Production and Physiology

Rafael A. Martinez-Feria *Mexico City, Mexico*
DISSERTATION: Drivers of yield and nitrogen-loss tradeoffs: Cropping system evaluations with process-based modeling

Major in Economics

Yun Chang *Des Moines, Iowa*
DISSERTATION: Income inequality in China by industry

Zehui Jiang *Wuhan, China*
DISSERTATION: Predicting county level corn yields using deep long short term memory models In the corn belt

Major in Education

Inna V. Kuznetsova *Ames, Iowa*
DISSERTATION: Value of U.S. higher education among students from China and Russia

Major in Education (Educational Leadership)

Emily Sara Logan *Cedar Rapids, Iowa*
DISSERTATION: Community college policies affecting undocumented students

§ Rachel L. McGuire *Mason City, Iowa*
DISSERTATION: Student demographic, academic, and financial characteristics and the likelihood of on-time credential completion at a rural community college in Iowa

William Blaine Robertson *Ames, Iowa*
DISSERTATION: Community college faculty advising: Testing a model of student interaction and satisfaction

LaDrina Nicole Wilson *Davenport, Iowa*

Major in Electrical Engineering

§ Zhiqiang Liu *Tianjin, China*
DISSERTATION: Design and verification approaches for reliability and functional safety of analog circuit

††§ Neelam Prabhu Gaunkar *Mumbai, India*

Major in Electrical Engineering (Microelectronics and Photonics)

§ Shawana Tabassum *Dhaka, Bangladesh*
DISSERTATION: Nano-structure-based optical sensors fabrication and validation to gas sensing applications

Major in Electrical Engineering (Systems and Controls)

Gulnihal Kucuksayacigil *Istanbul, Turkey*
DISSERTATION: Optimal network implementable controllers for networked systems

Major in Engineering Mechanics

§ Hao Chen *Changzhou, China*
DISSERTATION: Multiscale modelling of martensitic phase transformation: Example of Si I to Si II

Zhuo Ma *Hebei, China*
DISSERTATION: Fracture and deformation of soft materials and structures

Major in Environmental Science

Gabriel Sean McNunn *Ames, Iowa*

Major in Genetics

- Honghao Bi *Weihai, China*
DISSERTATION: Gene editing in rice miRNAs and related genes
- § Hung-Ying Lin *Taoyuan City, Taiwan*
DISSERTATION: Dissecting complex phenotypes via multiple transcriptome-based GWAS
- § Trevor Martin Nolan *Ankeny, Iowa*
DISSERTATION: To grow or survive: Plants modulate Brassinosteroid-regulated transcription factor BES1 during drought to balance growth and stress responses

- Longhui Ren *Beijing, China*
DISSERTATION: Evolutionary histories of legume genomes and mechanisms of genome remodeling
- Kaylee Rowland *Bonnerdale, Ark.*
DISSERTATION: Genomic evaluation of response to environmental challenges of commercial egg-laying chickens
- Junmarie Soto-Burgos *Fajardo, Puerto Rico*
DISSERTATION: A tale of regulation: Analysis of the role of SnRK1 and glutathione in autophagy in *Arabidopsis thaliana*

Major in Genetics and Genomics

- Mercy Kasuzi Kabahuma *Kampala, Uganda*
DISSERTATION: Genomic analysis of quantitative disease resistance during maize-hemibiotrophic leaf blight pathogen interaction

Major in High Energy Physics

- Erika Catano Mur *Bogota, Colombia*
- †† Jose A. Sepulveda Quiroz *Tecoman, Mexico*
DISSERTATION: Measurement of the kaon production normalization in the NuMI target using uncontained charged-current muon neutrino interactions in the NOvA Far Detector

Major in Hospitality Management

- Jokima Latrice Hiller *Gary, Ind.*
DISSERTATION: The role of social intelligence in relationship to hotel managers' person-vocation fit and turnover intention
- Lilly Wang Jan *Boston, Mass.*
DISSERTATION: Chinese restaurant employees' food allergy training needs assessment and resource creation
- Steven Eric Kent *Baldwin, N.Y.*
DISSERTATION: An analysis of the impact of shale production and RevPAR in hotel markets that are aligned with the cost of oil
- Gregory Scott Krawiec *Davenport, Iowa*
- Jessica Aren Madson *Hudson, Ill.*
DISSERTATION: Producers' and consumers' perceived benefits and barriers to the use of food assistance vouchers at farmers' markets
- Nripendra Singh *Lucknow, India*
DISSERTATION: Investigating conference attendee's mobile application adoption behavior: An ecological perspective

Major in Human Computer Interaction

- Omar Ibrahim Asiri *Abha, Saudi Arabia*
DISSERTATION: Enhancing users' experiences with mobile apps' stores: What do users see? What should they see?

Major in Industrial and Agricultural Technology

- Firas Salim K. Al-Aani *Ames, Iowa*

Major in Inorganic Chemistry

- Katherine Elizabeth Woo *Cupertino, Calif.*
DISSERTATION: The synthesis and characterization of compounds with framework elements of contrasting reactivities {B, Si}-{P, As}

Major in Materials Science and Engineering

††§ Boyce Sek Koon Chang *Kuala Lumpur, Malaysia*
Kara Ruthann Lind *Cedar Rapids, Iowa*
DISSERTATION: Environments-by-design:
Developing new tools to bring “field conditions”
to the laboratory

Matthew Ryan Rolchigo

Warren, N.J.

Major in Mechanical Engineering

Agnivo Gosai *Kolkata, India*
DISSERTATION: Engineering of nano-bio interfaces
towards the development of portable biosensors

Balaji Sessa Sarath Pokuri *Visakhapatnam, India*
DISSERTATION: Computational methods to engineer
process-structure-property relationships in organic
electronics: The case of organic photovoltaics

Wangda Qu *Beijing, China*
DISSERTATION: Bio-based carbon fiber from
biorefinery lignin and lignin-derived bio-oil

Abhishek Sarkar *New Delhi, India*
DISSERTATION: Multiphysics analysis of
electrochemical and electromagnetic system
addressing lithium-ion battery and permanent
magnet motor

§ Aayush Sharma *Kolkata, India*
DISSERTATION: Multi-principal element alloys:
Design, properties and heuristic explorations

§ Srilok Srinivasan *Chennai, India*
DISSERTATION: Atomistic modeling of interfacial
and thermal transport properties of engineered
graphene structures

†† Jordan Alan Tiarks *Council Bluffs, Iowa*
DISSERTATION: Investigation of fundamental
transport and physicochemical phenomena in
lignocellulosic fast pyrolysis

§ Cheng-Hao Wu *Taichung, Taiwan*
DISSERTATION: Fluid-structure interaction modeling
and simulation of transcatheter heart valves
Zhichen Zhu *Li Shui, China*

Major in Meteorology

†† Amanda Suzanne Black *Dubuque, Iowa*

Bradley Carlberg *Alexandria, Minn.*
DISSERTATION: Improving convective mode
and streamflow forecasts through the use of
convection-allowing ensembles

Major in Microbiology

Daniel Ward Nielsen *Dike, Iowa*
DISSERTATION: Comparative genomics and
phylogenetic assignment of Extraintestinal
Pathogenic *Escherichia coli*

Major in Molecular Cellular and Developmental Biology

Jacob Todd Seibert *Rockford, Iowa*
DISSERTATION: Investigating the interplay of
physiological and molecular mechanisms
underpinning programmable aspects of heat
stress in pigs

Wesley Allen Wierson *Urbandale, Iowa*
DISSERTATION: Using zebrafish to iterate and
expand the precision genome writing toolbox

Major in Neuroscience

†† Matthew Aric Jefferson *Andalusia, Ill.*
DISSERTATION: PKR as a conserved
neuroinflammatory mediator under viral, bac
and metabolic challenge: A role in Parkinsonian
pathogenesis?

Major in Nuclear Physics

†† Timothy Thomas Rinn *St. Charles, Ill.*
DISSERTATION: Bottom and charm separation through semileptonic decays in p+p collisions at 200 GeV at RHIC

Major in Nutritional Sciences

§ Yuanying Lou *Jinan, China*
DISSERTATION: Systematic analysis of food visual estimation methods and applications in school lunch

Major in Organic Chemistry

Lan Hu *Chengdu, China*
DISSERTATION: Molecularly imprinted nanoparticles (MINPs) for enzyme-like hydrolysis of carboxylic esters and phosphate esters

Major in Physical Chemistry

Justin Anthony Conrad *Choctow, Okla.*
DISSERTATION: Keeping your ion chemistry from a fragmented perspective

†† Juan Jose Duchimaza Heredia *Danbury, Conn.*

Major in Plant Biology

§ Yang Liu *Heze, China*
DISSERTATION: Increase tiller production in switchgrass by CRISPR/Cas9

Zhouli Xie *Suizhou, China*
DISSERTATION: Functions and mechanisms of AP2/ERF and MYB family transcription factors in Brassinosteroid-regulated plant growth and stress responses

Major in Plant Breeding

Maria Betsabe Mantilla-Perez *Quito, Ecuador*
DISSERTATION: Genetic and brassinosteroid control underlying leaf angle variation across the canopy in sorghum

Major in Rhetoric and Professional Communication

§ Raeann Renae Ritland *Zearing, Iowa*
DISSERTATION: Framing and ideology in breastfeeding discourse: A two-part content and rhetorical analysis of online magazine articles and blog posts

Major in Sociology

Ramesh Bahadur Balayar *Banedugrasain, Nepal*

Major in Statistics

Ran Bi *Hefei, China*

DISSERTATION: Statistical methods for gene expression studies using next-generation sequencing experiments

Anand Ulhas Dixit *Mumbai, India*

DISSERTATION: Developments in MCMC diagnostics and sparse Bayesian learning models

Yingzhou Du *Hefei, China*

DISSERTATION: Choosing cutoff values for correlated continuous diagnostic data to estimate sensitivity and specificity

†† Colin Lewis-Beck *Iowa City, Iowa*

DISSERTATION: Modeling crop phenology using remotely sensed data

Kathleen Patricia Rey *Midland, Mich.*

DISSERTATION: Some Bayesian methods for univariate density estimation

Chaohui Yuan *Stony Brook, N.Y.*

DISSERTATION: Statistical methods for microbiome data and antimicrobial resistance analysis

Stephanie Ann Zimmer *Durham, N.C.*

DISSERTATION: Stratification for area frame surveys with multiple estimation goals

Major in Toxicology

Vivek Jitendrabhai Lawana *Surat, India*

Multiple Curricula and Majors

Abdullah Masoud Almasoud *Riyadh, Saudi Arabia*

MAJORS: Computer Engineering and Electrical Engineering

DISSERTATION: Optimizing performance and energy efficiency of group communication and internet of things in cognitive radio networks

Julia Raye Anderson-Lee *White Plains, N.Y.*

MAJORS: Applied Mathematics and Civil Engineering (Structural Engineering)

DISSERTATION: A continuum approach to modeling the vibrations within a block subjected to free rocking

†† Tannon Jeffrey Daugaard *Garretson, S. Dak.*

MAJORS: Mechanical Engineering and Biorenewable Resources and Technology

Navreet Kaur Mahal *Sangrana, India*

MAJORS: Sustainable Agriculture and Soil Science (Soil Fertility)

DISSERTATION: Understanding and predicting nitrogen dynamics in the Midwest United States Corn Belt

†† Mohamed Youssef Selim *Ames, Iowa*

MAJORS: Electrical Engineering (Communications and Signal Processing) and Computer Engineering (Computing and Networking Systems)

Maria Joy Van Der Maaten *Des Moines, Iowa*

MAJORS: Sustainable Agriculture and Sociology
DISSERTATION: Accessing sustainable livelihood strategies: How access to resource assets impacts development in rural Guatemala

MASTER OF ACCOUNTING

Major in Accounting

Kathryn Elizabeth Ahlers	Hartley, Iowa	Xinyu Wei	Wuhan, China
Brittany Lee Baumgartner	Aurora, Ill.	Megan Elizabeth Westhoff	Norwalk, Iowa
Spencer M. Benton	Van Meter, Iowa	Andrew Norwood Whigham	Bettendorf, Iowa
Abbie Jo Gjelhaug	Hastings, Minn.	Jason Michael Wingert	Pleasant Hill, Iowa
Lauren Emilie Hofmann	Adel, Iowa	Wenjun Wu	Ames, Iowa
Alyson Jessie Knutsen	Davenport, Iowa	Ying Zhang	Shanghai, China
Michael Joseph Leskun	Pella, Iowa	Yinghan Zhang	Beijing, China
Nanfang Lou	Zhuhai, China	Zhe Zhang	Urumqi, China
Alisha Cadence Martin	Red Wing, Minn.		

MASTER OF AGRICULTURE

Major in Professional Agriculture

Gentry Allan Sorenson	Forest City, Iowa
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MASTER OF ARCHITECTURE

Major in Architecture

Deep Chaniara	Ahmedabad, India	Mohan Ummadisetty	Vijayawada, India
Dylan Michael Russ	Holtsville, N.Y.		

MASTER OF ARTS

Major in Anthropology

Nicole Heide Winders Schwalbach	Ankeny, Iowa
THESIS: Mattress fires and their effect on the destruction and distribution of remains in a house-fire setting	

Major in History

Wansu Luo	Beijing, China
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Major in Political Science (Public Policy)

Jacob Allen Martin	Pella, Iowa
THESIS: Setting the bar: Bright-line indicators in American higher education accreditation	

MASTER OF ARTS IN TEACHING

Major in Science Education

Emily Fay Beilke

Bettendorf, Iowa

MASTER OF BUSINESS ADMINISTRATION

Major in Business Administration

Raghul Ethiraj

Ames, Iowa

Wade Gerrit Scholten

Johnston, Iowa

Major in Business Administration (Business Analytics)

Benjamin John Naberhaus

Ames, Iowa

Christopher Louis Paulson

Ogden, Iowa

Major in Business Administration (Finance)

Alka Mann

Delhi, India

Major in Business Administration (Supply Chain Management)

Aseem Dilip Dande

Nashik, India

Allan Kishore Kumar Francis

Chennai, India

MASTER OF COMMUNITY AND REGIONAL PLANNING

Major in Community and Regional Planning

Daniel C. Dvorjak
Shoaib Mahmud

Ankeny, Iowa
Dhaka, Bangladesh

Maritza Pierre

Lafayette, La.

MASTER OF EDUCATION

Major in Education

Deirdre Ann Bachar

Fairfield, Iowa

Major in Education (Higher Education)

Angela Jo Wagner

Marion, Iowa

Major in Education (Mathematics Licensure)

Brenna Lahre Davis

Sioux City, Iowa

Major in Education (Student Affairs)

Seth Daniel Schroeder

Cresco, Iowa

MASTER OF ENGINEERING

Major in Chemical Engineering

Sean P. Gassen Baker Ward Kuehl	Indianapolis, Ind. Maple Grove, Minn.	Sharan Subramaniam Raman	Wheaton, Ill.
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Major in Civil Engineering (Civil Engineering Materials)

Abdullah Abdullah	Ames, Iowa
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Major in Civil Engineering (Construction Engineering and Management)

Brett Daniel Shald	Blair, Neb.	Mohan Ummadisetty	Vijayawada, India
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Major in Civil Engineering (Environmental Engineering)

Saleh O. A. A. Ahmad	Kuwait City, Kuwait
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Major in Civil Engineering (Structural Engineering)

Anzhe Wang Guangxi Zheng	Beijing, China Ames, Iowa	Xun Zhou	Qingdao, China
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Major in Computer Engineering

Michael Craig Bullis Robert Lee Carter Jr. Shannon Lee Council Arlo Harold Haubrich	Van Meter, Iowa Pleasant Hill, Iowa Reno, Nev. St. Paul, Minn.	Daniel Kennedy Kaiser Sumukhi Parvatharajan Cheng Song Theaneasha Summers	Cedar Rapids, Iowa Chennai, India Qingdao, China Detroit, Mich.
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Major in Electrical Engineering

Laura Micheli Minh Chau Nguyen	Cantalice, Italy Ho Chi Minh, Vietnam	Rahul Singh Zhuoran Yang	Allahabad, India Guangzhou, China
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Major in Energy Systems Engineering

Amjad Ali Khan	Winnipeg, Canada
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Major in Engineering Management

Nicholas Jay Lupkes Brandon Michael Plaht Alex Reuteman Scheuerell	Ankeny, Iowa Cresco, Iowa Wyoming, Minn.	Scott Michael Schipper Mark D. White	Cedar Falls, Iowa Warrenville, Ill.
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Major in Industrial Engineering

Aseem Dilip Dande	Nashik, India
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Major in Information Assurance

William Andersen Kenneth William Hlavacek	Ottawa, Canada Eldersburg, Md.	Glenn Alexander Sorensen	Edina, Minn.
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Major in Mechanical Engineering

Fouad Ali Thane G. Hillig	Aurora, Ill. West Fargo, N. Dak.	Eric Charles Myers David A. Stockey	Donnellson, Iowa Holly Springs, N.C.
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Major in Systems Engineering

Sowmya Bichugatti

Cedar Rapids, Iowa

MASTER OF FAMILY AND CONSUMER SCIENCES

Major in Family and Consumer Sciences (Comprehensive)

Linda Marie Ennis

Wildwood Crest, N.J.

Major in Family and Consumer Sciences (Family Financial Planning)

Edward L. Thomas Jr.

Garrisonville, Va.

Major in Family and Consumer Sciences (Nutritional Sciences)

Rachelle Pass

Minnetonka, Minn.

Major in Family and Consumer Sciences (Youth Development)

Caleb Gilbert Carver

Alburnett, Iowa

Amy Irene Vaughan

St. Ignatius, Mont.

MASTER OF FINANCE

Major in Finance

Song Han

Ames, Iowa

Ruosong Wei

Chengdu, China

Na Liu

Ames, Iowa

Stephen Yang

Kaohsiung, Taiwan

Alka Mann

Delhi, India

Xiuyu Yang

Des Moines, Iowa

Zhan Shi

Singapore

Hang Yu

Des Moines, Iowa

MASTER OF FINE ARTS

Major in Creative Writing and Environment

Shane David Griffin

Nevada, Iowa

THESIS: The heat of it all: A collection of fiction, poetry, and nonfiction

Major in Graphic Design

†† Maggie Michelle Grundy

Ames, Iowa

THESIS: Leveling the playing field: Breaking down walls between artists and audiences through generative, interactive visuals and improvisation

Major in Integrated Visual Arts

Daniel David Shea

Ames, Iowa

THESIS: Perception is everything

Major in Interior Design

Weicheng Chen *Ames, Iowa*
THESIS: The effects of artwork in boutique hotel

MASTER OF HUMAN COMPUTER INTERACTION

Major in Human Computer Interaction

Shannon Laila Badiee	<i>San Francisco, Calif.</i>	Melissa P. Douros	<i>Buffalo Grove, Ill.</i>
Steven Michael Campbell	<i>Davenport, Iowa</i>	John Graden Hudson III	<i>Omaha, Neb.</i>
Thomas Lee Crow	<i>Fredericksburg, Va.</i>	Valerie Dawn Van Ee	<i>Park View, Iowa</i>
Arah Lee Dauer	<i>Loveland, Colo.</i>	Fei Xue	<i>Shaanxi, China</i>

MASTER OF INDUSTRIAL DESIGN

Major in Industrial Design

Aziza Cyamani *Kigali, Rwanda*
THESIS: Integrating systematic design for sustainability in design education to stimulate sustainability awareness in developing countries: A case study in Rwanda

MASTER OF SCHOOL MATHEMATICS

Major in School Mathematics

†† Elizabeth Ann Todd *Ames, Iowa*

MASTER OF SCIENCE

Major in Aerospace Engineering

†† Nathan J. Hemming	<i>Grand Forks, N. Dak.</i>	Jared Lee Taylor	<i>Ames, Iowa</i>
		THESIS: A methodology for sorting haploid and diploid corn seed using terahertz time domain spectroscopy and machine learning	

Major in Agricultural and Biosystems Engineering

Brian Dougherty	<i>Waukon, Iowa</i>	Colton Douglas Finley	<i>Story City, Iowa</i>
THESIS: Evaluating the impacts of Midwestern cropping systems on soil health and subsurface drainage water quality		THESIS: Agricultural tire dynamometer test stand	
		§ Jared Scott Flater	<i>Bondurant, Iowa</i>

Major in Agricultural Education

Katelyn Marie Anderson	Webster City, Iowa	Ashley Rose Wiebe	Muscatine, Iowa
Terry Allan Coleman	Fort Dodge, Iowa	Taylor Wilkins	Brooker, Fla.
Daniel James Doeing	Fairbank, Iowa	THESIS: Determining the inclusiveness of students with disabilities in Iowa agricultural classrooms	
Jon Charles Doese	Fairbank, Iowa		

Major in Agricultural Education (Agricultural Extension Education)

Kelsey Rae Sands	Moville, Iowa	Ashtin E. Walker	Washington, Iowa
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Major in Agronomy

Douglas David Becher	Wells, Minn.	Eric Thomas Pierce	Ogden, Iowa
Jenna Lynn Falor	Eagle, Mich.	Aaron Michael Rowe	Dallas Center, Iowa
Geoffrey Lee Klumpp	Sanborn, Iowa	Christos Vasilikiotis	Thessaloniki, Greece
Jonathan Lee McWilliams	Williamsburg, Iowa		

Major in Animal Science

†† Elizabeth M. Messersmith	Phillips, Neb.	Colby Allen Redifer	Blacksburg, Va.
		THESIS: Evaluation of peri-partum supplementation of methionine hydroxy analog on cow-calf performance	

Major in Apparel Merchandising and Design

Ashney Lashara Williams	Baker, La.
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Major in Applied Mathematics

John Wu	Staten Island, N.Y.
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Major in Biomedical Sciences

Graham Goldman	Pacific Palisades, Calif.	Jessica Danielle Salpor	Otley, Iowa
Sarah A. Higgins	Gilman City, Mo.	Paige Elizabeth Slifer	Le Grand, Iowa
Ruth Meagan Hines	Des Moines, Iowa	Samantha Rene Thomson	Clive, Iowa
Michael Christopher Knouse	Davenport, Iowa		

Major in Biomedical Sciences (Cell Biology)

Nicole Lynn Musselman	Metamora, Ill.
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Major in Chemical Engineering

Jared Dopp	Commerce, Okla.	Hsi-Hsin Lin	Taipei, Taiwan
THESIS: Improving cell-free protein synthesis for rapid prototyping applications		THESIS: Selective ammonolysis of carboxylic acid derivatives	
Yuerui Huang	Chengdu, China	Shali Raj Unnikandam Veetil	Malappuram, India
THESIS: Nanocomposite gel study of surface-initiated block copolymer by ring-opening metathesis polymerization and lignin-based polymers directly from pyrolysis lignin via RAFT polymerization			

Major in Civil Engineering (Construction Engineering and Management)

Jonathan Edward Harris	Denver, Colo.
Dileep Kumar Nunna	Hyderabad, India

Major in Civil Engineering (Structural Engineering)

Jacob Nolan Eull
Michael Joshua Rosenthal

*Plymouth, Minn.
Cedar Rapids, Iowa*

Ya-Lu Teng
THESIS: Moment matching technique for fast and robust uncertainty quantifications of complex systems

New Taipei City, Taiwan

Major in Civil Engineering (Transportation Engineering)

Justin David Cyr
THESIS: The effects of guardrail placement at signalized railroad-highway at-grade crossings in Iowa

Duluth, Minn.

Yu Tian
THESIS: Examining the spatial and temporal transferability of safety performance functions: A case study for the Iowa interstate system

Anshan, China

Jacob Robert Warner
Davenport, Iowa

Major in Computer Engineering

Alec Dale Lofquist
THESIS: A scalable software framework for solving PDEs on distributed octree meshes using finite element methods

Clinton, Iowa

Major in Computer Engineering (Computing and Networking Systems)

Mohd Tariq Azmy
THESIS: Energy savings techniques in out-of-order pipeline through value approximation of instructions with data dependencies

Kuala Lumpur, Malaysia

Sri Lalitha Dakshayani Dhulipala
Nirupana Naregudam
Adithya Venkataraman

Hyderabad, India

Hyderabad, India

Bangalore, India

Manika Dhingra
Faridabad, India

Major in Computer Engineering (Secure and Reliable Computing)

Subramanian Arunachalam
Ting-Wei Chang

Chennai, India

Miaoli, Taiwan

Prachi Rajesh Patel
Aurangabad, India

Major in Computer Science

Lakshay Ahuja
THESIS: Automatic incident detection

Delhi, India

Anubhav
Nikhil Bansal
Tanmay Kumar Ghosh

Delhi, India

Mumbai, India

Jamshedpur, India

He Jin
Bhargavi Kunapareddy
Yongan Liao
Xuan Lu
Rakesh Kumar Shah

Qiqihar, China

Hyderabad, India

Huizhou, China

Shanghai, China

Janakpur, Nepal

Major in Ecology and Evolutionary Biology

Michael Todd Shultz
THESIS: The telomere hypothesis of stress and aging

Ames, Iowa

Major in Electrical Engineering

Zhihao Liao
Chengdu, China

Timothy William Lindquist
Rochester, Minn.

Major in Electrical Engineering (Electric Power and Energy Systems)

Jin Cui
Ames, Iowa

Major in Electrical Engineering (Systems and Controls)

Zhelun Cao
THESIS: Modeling and analysis on worm data via linear operator

Shanghai, China

Madhura S. Kulkarni
Kirk E. Rudolph

Pune, India

Grinnell, Iowa

Major in Environmental Science

Elliot George Rossow *Waterloo, Iowa*

Major in Fisheries Biology

Alexander Peter Bybel *Reading, Pa.*

Major in Food Science and Technology

§ Leah Marie Gilman *Stuart, Iowa*
THESIS: Development and assessment of a pilot food safety training for exempt home food operations and home bakeries in Iowa

Emily Michelle Hurban *Cedar Falls, Iowa*
Emalie R. H. Thomas-Popo *Roseau, Dominica*

Major in Genetics

Yang Yang *Zhengzhou, China*

Major in Geology

Jeremy Randolph-Flagg *Kalaheo, Hawaii*

Saad Bin Tarik *Dhaka, Bangladesh*
THESIS: Quantification of urban heat island impacts on the cooling energy consumption in residential and commercial buildings in the Continental United States

Major in Human Computer Interaction

Mahmood Ramezani *Ames, Iowa*

Major in Human Development and Family Studies

Quentin H. Riser *Colorado Springs, Colo.*
THESIS: Native American children and school readiness: A nationally representative study of individual and cumulative risks

Major in Immunobiology

Jyothsna Ramesh Kumar *Bangalore, India*

Major in Industrial and Agricultural Technology

Laura Marie Kim *Boone, Iowa*
THESIS: Utility of stress in occupational and life decisions of correctional officers

Quin Patrick Schultz *Lansing, Iowa*
THESIS: A current state analysis of preventive control requirements and traceability infrastructure in small U.S. food facilities
Alexander Jordan Shaw *Oneida, Ill.*

Major in Industrial Engineering

Sarath Chennamkulam Renjith *Kottayam, India*
THESIS: A design framework for additive manufacturing based on the integration of axiomatic design approach, inverse problem-solving and an additive manufacturing database
Shubham Prashant Khoje *Pune, India*
THESIS: An assessment tool to determine the appropriateness of engineering design projects for gender bias, ambiguity, and major relatedness

Preetam Kulkarni *Hyderabad, India*
THESIS: Interaction of optimization models and information sharing in a two echelon supply chain
Brandon Joe Landowski *Sauk Rapids, Minn.*
Anusha Velineni *Hyderabad, India*

Major in Information Assurance

Nichole Louise Dugan *Johnston, Iowa*
THESIS: Security awareness training in a corporate setting
William C. Kincaid *Monument, Colo.*

Joseph Peppers *Des Moines, Iowa*
Steven V. Perez Callupe *Waukee, Iowa*
Minh Duy Tran *Frisco, Tex.*

Major in Information Systems

Bhavana Chadive *Bangalore, India*
Allan Kishore Kumar Francis *Chennai, India*
Sai Saketh Katangur *Hyderabad, India*
Vishwas Kaup Vijayananda *Bangalore, India*

Tarunpreet Kaur *Ludhiana, India*
Wade Gerrit Scholten *Johnston, Iowa*
Tejaswini Vuyyuru *Hyderabad, India*

Major in Interdisciplinary Graduate Studies

William J. Bleckwenn *Inver Grove Heights, Minn.*
Merrill A. Holden *Chicago, Ill.*

Jennifer Lynn Low *Des Moines, Iowa*

Major in Interdisciplinary Graduate Studies (Community Development)

Tamara Kay Martin *Ames, Iowa*

Scott Alexander Reid *North Ogden, Utah*

Major in Journalism and Mass Communication

Jacklyn S. Even *Atalissa, Iowa*

§ Kimberly A. Nelson *Garnavillo, Iowa*
THESIS: Environmental discourse through a cultural lens: A case study of Guamanians' relationships with nature and wildlife

Major in Kinesiology

Heather Rose Danzer *Carroll, Iowa*

Major in Meat Science

Michael Stephen Cropp *Damascus, Md.*
THESIS: The potential role of nitrite-embedded film technology in extending the color stability and shelf life of alternatively-cured meat products

†† Matthew David Schulte *Dorchester, Iowa*
THESIS: The impact of aging time, storage type and early postmortem sarcoplasmic proteome variations on pork loin quality

Major in Mechanical Engineering

Timothy James Beavers *San Diego, Calif.*
THESIS: A surrogate head system for blunt impact experiments

Xin Huang *Xiamen, China*

†† Adam Richard Lawrence *Ames, Iowa*
THESIS: Organically-capped, nanoscale alkali metal hydride and aluminum particles as solid propellant additives

Sahiti Nallagonda *Hyderabad, India*
THESIS: Deep learning for design and optimization of bioprosthetic heart valves

Homagni Saha *Kolkata, India*
THESIS: Exploring Granger causality in dynamical systems modeling and performance monitoring

Jacob Aaron Vogts *Paola, Kans.*
THESIS: Investigation of mean volume fraction fluctuations on the mean drag force acting on spherical particle assemblies

Brendan Shin Hau Yeah *Ames, Iowa*
THESIS: In-situ stress monitoring during corrosion and electrodeposition

Major in Meteorology

Nicholas John Vertz *Pardeeville, Wis.*
THESIS: Can model errors in atmospheric variables within the low-level inflow region of mesoscale convective systems be used to anticipate displacement errors in initiation location?

§ Research Excellence Award
†† Teaching Excellence Award

Major in Microbiology

Jeffrey Robert Williams *Ames, Iowa*
THESIS: Development of a phage display library
for discovery of antigenic Brucella peptides

Major in Organic Chemistry

Shize Zhang *Luoyang, China*
THESIS: Effects of surface cross-linker on the
binding properties of imprinted micelles

Major in Plant Breeding

Dana E. Larson *Carmel, Ind.*

Major in Seed Technology and Business

Erin A. J. Anderson *Ankeny, Iowa* Megan Alison Marturello Christenson
Cody Paul Brandl *El Campo, Tex.* *Urbandale, Iowa*

Major in Sociology

Darcy Therese Besch *Emmetsburg, Iowa*

Major in Statistics

He Jiang *Hefei, China* Xin Zhang *Shanghai, China*
Carlos Jonathan Llosa Vite *Callao, Peru* Yifan Zhu *Yiwu, China*
Dinesh Reddy Poddaturi *Ranga Andhra, India*

Major in Sustainable Agriculture

Maritza Pierre *Lafayette, La.*

Major in Toxicology

Scott Louis Radke *Aurelia, Iowa*
THESIS: Comparison of trace mineral
concentrations between liver biopsies of different
sizes and durations of storage by inductively
coupled plasma mass spectrometry

Major in Transportation

Shoaib Mahmud *Dhaka, Bangladesh*

Major in Veterinary Microbiology

Matthew George Beal *Belle Plaine, Minn.*
Aric James McDaniel *Ottumwa, Iowa*
THESIS: Comparison and evaluation of two
rapid diagnostic assays for the identification of
Mycoplasma species

Multiple Curricula and Majors

Bukunmi Dorcas Akanji *Iwo, Nigeria*
MAJORS: Biomedical Sciences (Anatomy) and
Biomedical Sciences (Pharmacology)

Daniel Linton *Brooklyn, N.Y.*
MAJORS: Environmental Science and Soil Science
(Soil Morphology and Genesis)

Jacob Ulrich *Cedar Rapids, Iowa*
MAJORS: Information Assurance and Computer
Engineering (Secure and Reliable Computing)

Michael Grant Williams *Malcolm, Neb.*
MAJORS: Computer Engineering (Computing and
Networking Systems) and Computer Engineering
(Secure and Reliable Computing)



Fall 2018

College of Veterinary Medicine Candidates

CANDIDATES FOR DEGREE
FROM THE COLLEGE OF VETERINARY MEDICINE

DOCTOR OF VETERINARY MEDICINE

Curriculum in Veterinary Medicine

Brittany Hahn

Rolling Hills Estates, Calif.



Fall 2018

Undergraduate
Commencement Ceremony

1:30 p.m., Saturday, December 15, 2018
James H. Hilton Coliseum

UNDERGRADUATE COMMENCEMENT PROGRAM

1:30 p.m., Saturday, December 15, 2018, James H. Hilton Coliseum

President Wendy Wintersteen, B.S., Ph.D., Presiding

Processional

Pomp and Circumstance Edward Elgar

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

Opening Remarks President Wendy Wintersteen

Conferring of the Honorary Degree, Doctor of Humane Letters President Wendy Wintersteen
Recipient Theaster Gates

Honorary Degree Recipient Remarks Theaster Gates
Artist and Innovator
in Urban Revitalization

Musical Interlude

You'll Never Walk Alone Rodgers & Hammerstein
Simon Estes, Vocalist

Cyclone Fantasia Michael Golemo

Recognition of Students Graduating with Distinction Provost Jonathan Wickert

Recognition of Students Graduating from the Honors Program Provost Jonathan Wickert

Recognition of those with Military Service Provost Jonathan Wickert

Conferring of the Bachelor's Degree President Wendy Wintersteen

Candidates for the Bachelor's Degree presented by Provost Jonathan Wickert
Ivy College of Business candidates recognized by Dean David Spalding
College of Design candidates recognized by Dean Luis Rico-Gutierrez
College of Agriculture and Life Sciences candidates recognized by Interim Dean Joe Colletti
College of Liberal Arts and Sciences candidates recognized by Dean Beate Schmittmann
College of Human Sciences candidates recognized by Dean Laura Dunn Jolly
College of Engineering candidates recognized by Dean Sarah Rajala

The Class of 2018 and the Alumni Association Jeffery Johnson
Lora and Russ Talbot Endowed President and CEO
Iowa State University Alumni Association

Closing Remarks President Wendy Wintersteen

The Bells of Iowa State James Wilson
Refer to the back cover for the lyrics and story of *The Bells of Iowa State* arr. by Michael Golemo
Zachary Fisher, Vocalist

Recessional

La Mourisque Tylman Susato

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

UNDERGRADUATE COMMENCEMENT CEREMONY

Platform Officials

Wendy Wintersteen, President of the University
Theaster Gates, Artist and Innovator in Urban Revitalization; and Honorary Degree Recipient
Ingrid Lilligren, Professor and Chair of Art and Visual Culture
Milt Dakovich, Board of Regents, State of Iowa
Jonathan Wickert, Senior Vice President and Provost
Martino Harmon, Senior Vice President for Student Affairs
Sarah Nusser, Vice President for Research
Reginald Stewart, Vice President for Diversity and Inclusion
John Lawrence, Vice President for Extension and Outreach
Ann Marie VanDerZanden, Associate Provost for Academic Programs
Laura Doering, Associate Vice President for Enrollment Management and Student Success
Vernon Hurte, Associate Vice President for Student Affairs; and Dean of Students
Jeffery Johnson, Lora and Russ Talbot Endowed President; and Chief Executive Officer of the Iowa State University Alumni Association
Simon Estes, F. Wendell Miller Distinguished Artist in Residence; and Commencement Vocalist
Mark Simpson, University Registrar

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, James L. and Katherine S. Melsa Dean of the College of Engineering; and Professor of Electrical and Computer Engineering
David Spalding, Interim Vice President for Economic Development and Business Engagement; David and Ellen Raisbeck Endowed Dean of the Ivy College of Business; and Professor of Finance
Laura Dunn Jolly, Dean and Dean's Chair of the College of Human Sciences; and Professor of Apparel, Events, and Hospitality Management
Dan Grooms, Stephen G. Juelsgaard Dean of the College of Veterinary Medicine; and Professor of Veterinary Diagnostic and Production Animal Medicine
Joe Colletti, Interim Endowed Dean of the College of Agriculture and Life Sciences; Interim Director of the Iowa Agriculture and Home Economics Experiment Station; and Professor of Natural Resource Ecology and Management
Beth McNeil, Dean of Library Services
Peter Martin, University Professor of Human Development and Family Studies; and Faculty Senate President

Faculty Representatives

Lekha Adhikari, Physics and Astronomy
Raj Agnihotri, Marketing
Anthony Andenoro, Psychology
Lorenzo Baber, School of Education
Suzanne Bartholomae, Human Development and Family Studies
Philip Becraft, Genetics, Development, and Cellular Biology
Amber Bellville, Supply Chain and Information Systems
Jeffrey Bouffard, Sociology
Ashley Buss, Civil, Construction and Environmental Engineering
Steve Butler, Mathematics ♦♦
Bernard J. Canniffe, Graphic Design ♦
Dennis M. Chamberlin, Greenlee School of Journalism and Mass Communication
Simon Cordery, History

Jane P. Dawson, Geological and Atmospheric Sciences
LTC Ethan Dial, Military Science (Army Reserves Officers Training Corps)
William Dilla, Accounting ♦♦
Rachel Eike, Apparel, Events, and Hospitality Management
Chad Gasta, World Languages and Cultures
Heimir Geirsson, Philosophy and Religious Studies
R. S. Houk, Chemistry
Jonathan Kelly, Psychology
Ingrid Lilligren, Art and Visual Culture
Ruth MacDonald, Food Science and Human Nutrition
Philip Martin, Kinesiology
Rose Martin, Food Science and Human Nutrition
Laura Merrick, Agronomy
Steven Mickelson, Agricultural and Biosystems Engineering ♦♦

Max Morris, Statistics
 Amy Murphy, English
 Ajay Nair, Horticulture
 Nathan Neihart, Electrical and Computer Engineering
 Daniel Neubauer, Industrial Design
 Peter Orazem, Economics ‡‡
 Francis Owusu, Community and Regional Planning
 Lynn Paxson, Architecture ‡‡
 Nick Peters, Plant Pathology and Microbiology
 Paola Pittoni, Mechanical Engineering

Michael Retallick, Agricultural Education and Studies
 Stephen Sapp, Sociology
 Mack Shelley, Political Science ‡‡
 Christina Svec, Music and Theatre ‡‡
 Jin Tian, Computer Science
 Robert Wallace, Ecology, Evolution, and Organismal Biology
 Qun Wang, Chemical and Biological Engineering
 Olga Zabolina, Biochemistry, Biophysics, and Molecular Biology

Faculty Marshals

Robert Wallace, Associate Professor of Ecology, Evolution, and Organismal Biology, College of Liberal Arts and Sciences ◇◇
 C. Lee Burras, Professor of Agronomy, College of Agriculture and Life Sciences ◇
 Ashley Buss, Assistant Professor of Civil, Construction and Environmental Engineering, College of Engineering
 John Cunnally, Professor of Art and Visual Culture, College of Design ◇
 Frederick Dark, Associate Professor of Finance and Dean's Professor in Finance, Ivy College of Business ◇◇◇
 Veronica Dark, Professor Emeritus of Psychology, College of Liberal Arts and Sciences ◇
 Tim Derrick, Professor of Kinesiology, College of Human Sciences ◇

Chad Gasta, Professor and Chair of World Languages and Cultures, College of Liberal Arts and Sciences
 Brian Hornbuckle, Associate Professor of Agronomy, College of Agriculture and Life Sciences
 Michael Martin, Associate Professor of Landscape Architecture, College of Design ◇
 Gordon Miller, University Professor of Chemistry, College of Liberal Arts and Sciences ‡‡
 Donna Niday, Associate Professor of English, College of Liberal Arts and Sciences
 Frank Peters, Associate Professor of Industrial and Manufacturing Systems Engineering and C. G. "Turk" and Joyce A. Therkildsen Professor, College of Engineering ◇◇
 Janette Thompson, Professor of Natural Resource Ecology and Management, College of Agriculture and Life Sciences ☞

Announcer and Reader of Names

Hollis Monroe

Michael Martin ◇

Musicians

CONDUCTOR	Michael Golemo, Director of Bands				
VOCALIST	Simon Estes, F. Wendell Miller Distinguished Artist in Residence				
STUDENT VOCALIST	Zachary Fisher				
EUPHONIUM	HORN	PERCUSSION	TROMBONE	TRUMPET	TUBA
Peter Bekkerus	Millicent Cameron	Collin Bell	Adam Hauge	David Lass	Corey Hatfield
Jared Lancaster	Kristy Carter	Joshua Grant	Kyle Kain	Matthew Lowe	Griffin Meadors
	Michael Miller		Adam Lappin	Matt Polson	Jacob Welper
	Nadia Somers		Gabriel Rueger	Amanda Schuler	
	Lydia Stanley		Ross Thedens	Paige Sorensen	
	Keeley Taylor		Grace Zihlman*	Caleb Webb	
				Lucas Yoakam	

‡ Distinguished Professor
 ‡‡ University Professor

☞ Morrill Professor

◇ Endowed Chair
 ◇◇ Endowed Professorship

◇ Chief Faculty Marshal
 ◇ Senior Faculty Marshal

HONORARY DEGREE RECIPIENT, DOCTOR OF HUMANE LETTERS

Theaster Gates, artist and innovator in urban revitalization

Theaster Gates is a distinguished alumnus, acclaimed artist, and innovator in urban revitalization and planning whose intellectual and creative activities represent the ideals of Iowa State University.



Gates, Professor of Visual Arts at the University of Chicago, holds two degrees from Iowa State: a bachelor's of science in urban planning and ceramics; and a master's of science in urban planning, ceramics, and religious studies; as

well as a master of fine arts, religious studies, from the University of Cape Town in South Africa.

As an artist, Gates creates work that focuses on space theory and land development, sculpture, and performance. Drawing on his interest and training in urban planning and preservation, he redeems spaces that have been left behind, bringing the conversation of space to the forefront of contemporary art practice to bridge the gap between art and life.

Known for his recirculation of art-world capital, Gates' work explores the possibility of the "life within things." He smartly upturns art values, land values, and human values. In all aspects of his work, he contends with the notion of Black space

as a formal exercise – defined by collective desire, artistic agency, and the tactics of a pragmatist.

In addition to his faculty role, Gates also serves as Senior Advisor for Cultural Innovation and Advisor to the Dean at Harris Public Policy, and is executive director and founder of the Rebuild Foundation, created in 2009 to manage redevelopment and affordable space initiatives in the under-resourced Greater Grand Crossing neighborhood of Chicago. Gates is also the Director of Artists Initiatives for the Lunder Institute for American Art at Colby College.

Gates' extraordinary achievements as an innovator in the visual arts have placed him among the world's top living artists. He has exhibited and performed at the National Gallery of Art in Washington, DC (2017); Art Gallery of Ontario, Canada (2016); Fondazione Prada, Milan, Italy (2016); Whitechapel Gallery, London, UK (2013); Punta della Dogana, Venice, Italy (2013); and dOCUMENTA (13), Kassel, Germany (2012).

Gates has also received numerous honors for his work, including the Artes Mundi 6 prize and the Nasher Prize for Sculpture 2018, and in 2017 received the Légion d'Honneur, France's highest order of merit.

Faculty members from Iowa State's Department of Art and Visual Culture nominated Gates for the honorary degree, supported by many letters from leaders in art, design, and community planning.

UNDERGRADUATE COMMENCEMENT VOCALIST & F. WENDELL MILLER DISTINGUISHED ARTIST IN RESIDENCE

Simon Estes

Simon 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 was recently recognized by the United Nations Foundation for personally raising more than half a million dollars for the "Nothing But Nets" campaign, which provides funds for education and bed nets to protect people from the spread of malaria throughout the world.

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

STUDENT MARSHALS

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

Joi Latson

Hometown: Florissant, Mo.

Majors: Global Resource Systems and World Languages & Cultures (Spanish)

Cum Laude



Joi is an honors student graduating cum laude with a double major in global resource systems and world languages & cultures (Spanish).

Joi's passion for global food security and education led her to complete internships with Iowa State's Uganda Program and with the Center for Interamerican Studies. She also spent a semester studying in Spain.

Joi has been selected to serve as a Peace Corps volunteer in Guatemala.

Escort: Dorothy Masinde, Senior Lecturer in Horticulture

IVY COLLEGE OF BUSINESS

Gabrielle Hemesath

Hometown: Clermont, Iowa

Majors: Supply Chain Management & Marketing

Summa Cum Laude



Gabrielle is graduating summa cum laude with a double major in supply chain management and marketing.

During her time with the Ivy College of Business, Gabrielle served as the Vice President of Marketing for Alpha Kappa Psi and was the Chair of the Supply Chain Management Executive analysis course. As a member of the Iowa State University traveling case competition team, she won Best Overall Presenter in the National Undergraduate Supply Chain Case Competition.

Gabrielle has completed internships with Land O' Lakes and John Deere. She has also gained international experience by spending a semester studying in England.

Gabrielle has accepted a position with John Deere working in supply management.

Escort: Robert Overstreet, Assistant Professor of Supply Chain Management and Information Systems

COLLEGE OF DESIGN

Derek Coulter

Hometown: Beaman, Iowa

Major: Industrial Design; Minor: Industrial Technology

Summa Cum Laude



Derek is graduating summa cum laude with a major in industrial design and a minor in industrial technology.

Derek was in the top 2% of his class and on the Dean's List each semester while at Iowa State University. He received a number of scholarships and awards, including the President's Ace Scholarship, Cardinal Scholar Award and Industrial Design Leadership Award. Derek served as president of the Industrial Designers Society of America student chapter and as a Destination Iowa State team leader. He was also involved in many other student clubs and activities at ISU.

Derek has accepted a position as a staff industrial designer at Dick's Sporting Goods Corporate Headquarters in Pittsburgh.

Escort: Dan Neubauer, Lecturer in Industrial Design

COLLEGE OF ENGINEERING

Michelle Friedmann

Hometown: Mendota Heights, Minnesota

Major: Biological Systems Engineering

Summa Cum Laude



Michelle is graduating summa cum laude with a major in biological systems engineering. While at Iowa State, Michelle was an active member of Women in Science and Engineering and the Honors Program, and served as a department peer mentor. As part of Engineers Without Borders, she led a team of students to Ghana to bring water to a rural community. Michelle was an undergraduate researcher on two projects and won the KK Barnes Student paper competition at an international conference. She also completed two internships with General Mills.

Michelle plans to pursue a Master's Degree in Agricultural and Biological Systems Engineering at Iowa State University. The focus of her research will be related to post-harvest losses in developing countries.

Escort: Carl Bern, University Professor of Agricultural and Biosystems Engineering

COLLEGE OF HUMAN SCIENCES

Melanie Nesbitt

Hometown: Pocahontas, Iowa

Major: Elementary Education

Summa Cum Laude



Melanie is graduating summa cum laude with a major in elementary education, along with endorsements in English/Language Arts, math, and reading.

While at Iowa State, Melanie was on the Dean's List each semester and placed in the top 2% of her class. She guided new students as a peer mentor, provided a voice for students on the Dean's Student Advisory Council, and helped run a university classroom as a Math Assistant.

Melanie has accepted a full time teaching position with Humboldt Middle School in Humboldt, Iowa.

Escort: Jennifer Stover, Lecturer in the School of Education

COLLEGE OF LIBERAL ARTS AND SCIENCES

Aimee Rodin

Hometown: Clive, Iowa

Major: Mathematics, Minor: Economics

Summa Cum Laude



Aimee is graduating summa cum laude with a major in mathematics and a minor in economics.

Aimee received the Diedrichsen Scholarship, as well as multiple scholarships from the Promotional Products Education Foundation, and was featured as the cover story of Math Matters, the university mathematics departmental magazine. She also participated in an Honors Program project with economics professor, Peter Orazem.

While at Iowa State, Aimee interned at Principal Financial and Nationwide Insurance. She was also active in the College of Liberal Arts and Sciences Student Council, acted as a peer mentor, held the position of Vice President of Membership for Delta Gamma Sorority, and served as a student representative on the LAS Strategic Plan Development Committee.

Aimee helped turn Iowa State University's fledgling Actuarial Sciences Club into a bona fide fraternity, Gamma Iota Sigma, where she held the offices of Vice President of Finance and Vice President of Recruitment.

Aimee has accepted a position with Transamerica Corporation in their Cedar Rapids office.

Escort: Peter Orazem, University Professor of Economics

CANDIDATES FOR DEGREES FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural and Life Sciences Education

* Olivia RaeAnn Andersen	Chariton, Iowa	** Stephanie A. McMillan	Independence, Iowa
** Levi Clell Collins	Knoxville, Iowa	Morgan Marie Minnehan	Carroll, Iowa
Kayla N. Dietz	Nashua, Iowa	* Hannah Marie Pagel	Sumner, Iowa
Derek Joseph Doeing	Newark, Ill.	Daiton Rae Tietz	Decorah, Iowa
Arianna Faith Jamieson	Newton, Iowa		

Curriculum in Agricultural Business

** Mark E. Baudler	Fontanelle, Iowa	Hanna Jane Mendenhall	Garden Grove, Iowa
Kiley Carroll	Lanark, Ill.	Levi James Moffitt	Thayer, Iowa
Lillian Marie Chamness	Blairsburg, Iowa	Abigail Therese Nie	New Hampton, Iowa
Jacob D. Clark	Lake City, Iowa	Ryan Christopher Noack	Eden Prairie, Minn.
Dakota William Clausen	Grimes, Iowa	*** Taylor Nicole Pruisman	Webster City, Iowa
Dayln James Dick	Douds, Iowa	Bret L. Puhmann	Paullina, Iowa
Cody Jacob Forde	Decorah, Iowa	Paul Adam Rouse	Des Moines, Iowa
Ross Thomas Friedrich	Alta, Iowa	Adam J. Schleisman	Lake City, Iowa
Emily Rose Harke	Adrian, Mich.	Colton McGraw Schlemme	Cascade, Iowa
Austin Thomas Jewell	Roland, Iowa	Casey Daniel Schulte	Waverly, Iowa
** Moriah Amber Johnson	Oxford, Iowa	Erik James Schultz	Gurnee, Ill.
Benjamin Richard Kieffer	Ogden, Iowa	* Jennifer Megan Walsh	Meeker, Colo.
* Kayleigh Sue Koch	Hawkeye, Iowa	Rachel Ruth Wilkens	Southold, N.Y.
Kaleb Gene McVey	Avon, Ill.		

Curriculum in Agricultural Studies

Drew Matthew Abbas	Alexander, Iowa	Christian Wayne Luhning	Dike, Iowa
Ryan Thomas Anderson	Clarion, Iowa	**† Rebecca Ann Lyons	Clinton, Iowa
Nicole Darlene Becker	Carroll, Iowa	Spencer R. Naeve	Gilmore City, Iowa
Kaylyn Marie Belzer	Grimes, Iowa	Chandler A. Nees-Stoelk	Carroll, Iowa
Austin Douglas Bishop	Manchester, Iowa	Jacob Glen Parr	Charter Oak, Iowa
Karyee Ray Buch	Clarinda, Iowa	Reece Garret Rieken	Ackley, Iowa
Jake Dean Fox	Riceville, Iowa	Michael Alan Schrum	Denison, Iowa
Grant Dean Frazer	Conrad, Iowa	Garrett Wayne Slaybaugh	Waukee, Iowa
Drake Edmund Frideres	Onalaska, Wis.	Tessa Lee Sporrer	Carroll, Iowa
Joseph D. Graf	Logan, Iowa	Britney Ann Stevenson	Nevada, Iowa
Kaleb N. Greiner	North Liberty, Iowa	*** Parker Joseph Trumm	Cascade, Iowa
Charles Isaac Hadacek	Fort Atkinson, Iowa	Ashley Ann Venhorst	Eldridge, Iowa
Spencer Ryan Harrison	Nevada, Iowa	Nolan Michael Webster	New Hampton, Iowa
Samantha Nichole Hasper	Montrose, Iowa	Richard Lee Wetjen	Williamsburg, Iowa
Sean Joseph Healy	Newton, Iowa	Ben Allen Wikner	Farmersburg, Iowa
Jake Brady Hovden	Decorah, Iowa	Brandon James Wolrab	Mount Vernon, Iowa
Jay Carter Jaspers	Steamboat Rock, Iowa	Grant Matthew Young	Aurora, Iowa
Michael Ryan Lansing	Perry, Iowa		

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

Curriculum in Agricultural Systems Technology

Jacob C. Baur	Van Meter, Iowa	* Andrew James Krause	Edwards, Ill.
Tyler Jacob Casady	State Center, Iowa	Tyson Dean Meisheid	Wall Lake, Iowa
Alex Owen Forgy	Winterset, Iowa	Devon William Merron	Evansdale, Iowa
Willow Rae Griffith	Nevada, Iowa	Brandon Michael Ruggieri	Johnston, Iowa
Derek Michael Jensen	Council Bluffs, Iowa	* Jeffrey M. Rutherford Jr.	Charles City, Iowa
Dalton Patrick Johnson	Indianola, Iowa	Zachary Hilton Safley	Muscatine, Iowa
Gabriel P. Kramer	Northwood, Iowa	Taylor R. Sams	Union, Iowa

Curriculum in Agriculture and Society

Maconnell William Moore	Pleasantville, Iowa	*† Rebecca Marie Nellis	Fort Dodge, Iowa
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Curriculum in Agronomy

* Zane Frederic Ankney	Stillman Valley, Ill.	Ty Costella Mason	Ankeny, Iowa
Eric Christian Bro	Montour, Iowa	Miranda R. Mathiason	Granada, Minn.
*** Hannah Elizabeth Corey	Lake City, Iowa	Clifton Jens Nelson	Audubon, Iowa
Mason D. Edwards	Huxley, Iowa	Brett Allen Peters	Palmer, Kans.
Cale Skott Gent	Monmouth, Iowa	Jacob Arlan Ratzke	Dows, Iowa
Kaitlin Marie Gibbons	Edina, Mo.	Mitchell James Rohe	Carroll, Iowa
Blake Allen Gjerde	Estherville, Iowa	Hunter Michel Sickels	Creston, Iowa
Jordan Michael Heit	New Hampton, Iowa	Chandler Wayne Smith	Alleman, Iowa
John David Hollingsworth	Hedrick, Iowa	Cooper Ray Smith	Burnsville, Minn.
Derrick George Kapayou	Marshalltown, Iowa	Michael Dale Weber	Ashkum, Ill.
Addison Randall Loges	Farmington, Iowa	Benjamin James Wilson	West Des Moines, Iowa

Curriculum in Animal Ecology

Collin Dean Alfers	Minden, Iowa	Trevor John Langholdt	Denison, Iowa
Jacob Conrad Avey	Council Bluffs, Iowa	Alliene Rebekah Maloy	Ames, Iowa
Rachel Leigh Beach	Bondurant, Iowa	Cody Carl Mensinger	Camanche, Iowa
Matthew Dalton Beneke	Coralville, Iowa	Hunter Joseph Moore	Udell, Iowa
Tanner J. Bouchard	Treynor, Iowa	Brandon Alexander Morris	Des Moines, Iowa
** Angelo Joesph Cozzola VI	Crystal Lake, Ill.	Abby Kaitlyn Reed	Bettendorf, Iowa
Hannah Davey	Guttenberg, Iowa	Cassandra Jean Runyan	Ankeny, Iowa
Madelaine Rose Eisenmann	Burlington, Iowa	Sara Marie Runyan	Centerville, Iowa
* Alec Edward Euken	Clear Lake, Iowa	Tyler Janssen Schoon	Goose Lake, Iowa
David St. Clair Fleshman	Fairfield, Iowa	Benjamin James Sipma	Sheldon, Iowa
Taylor Faye Frederickson	Ankeny, Iowa	***† Shakira Kayleen Stowers	Waukee, Iowa
Miranda Nicole Gibson	Nevada, Iowa	Ryan Edward Vogt	Charter Oak, Iowa
Jay William Heaton	Albia, Iowa	Wenruo Wang	Beijing, China
Travis D. Hoffmann	Avoca, Iowa	* Peter Jung Watkins	Golden Valley, Minn.
Erica Nicole Kelly	Emerson, N.J.	Bryan Yeo Wei Ren	Singapore

Curriculum in Animal Science

*** Olivia Joann Albright	Milford, Iowa	Mitchell Thomas Holcomb	Winterset, Iowa
Morgan Elizabeth Anderson	Garvin, Minn.	Lisa Diane Irons	Northwood, Iowa
Breanna Arical Bagby	West Des Moines, Iowa	Emily Susanne Jepsen	Story City, Iowa
** Kallie Sue Baker	Plainview, Minn.	Katie Lynn Kerndt	Waukon, Iowa
Sylvia Marie Bensley	Barry, Tex.	Austin Robert Lanphier	New Sharon, Iowa
Ashley Kate Boman	Carroll, Iowa	Josie Kate Lee	York, Neb.
** Amanda M. Bowen	Dunlap, Ill.	Samantha Leja	Mount Prospect, Ill.
Zachary Richard Bregar	Lockport, Ill.	Stephanie Ann Martin	Vincent, Iowa
Justina Victoria Cherry	Everly, Iowa	Hunter V. McCulley	Fruitland, Iowa
Keaton Alan Christensen	Corning, Iowa	Patricia Mendez	Des Moines, Iowa
Cristina Marie Cuhel	Houston, Minn.	Paityn Susan Morris	Poplar Grove, Ill.
Jadenn May Floyd	Dubuque, Iowa	Laura Marie Novotny	Tama, Iowa
*** Sarah Beth Freeze	Cedar Rapids, Iowa	Brian Lee Rothe	Denison, Iowa
*** Jennie Rae Greene	Crawfordsville, Iowa	Delanie Marie Ruf	Renov, Nev.

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Tori Ann Scharfenkamp	Carroll, Iowa	Madeline E. Umphress	Carlisle, Iowa
Kaeli S. Sedlak-O'Connor	La Vista, Neb.	Devan Ray Vander Veen	Sibley, Iowa
Bianca Belle Shriver	Sutherland, Iowa	Kelvin Thomas VanderVeen	Ocheyedan, Iowa
Ellen Maher Smith	Rockford, Ill.	Camille Alexandra Vargas-Cabrera	Arecibo, Puerto Rico
Ceara Dawn Smothers	Deep River, Iowa	Benjamin Owen Veum	Stoughton, Wis.
Jessie Louise Soderstrum	Boone, Iowa	Sarah Nicole Wadkowski	Dubuque, Iowa
** Rachel Ann Stika	Cresco, Iowa	Madalyn Elizabeth Wangen	Glenville, Minn.
Spencer Rose Stoebner	Des Moines, Iowa	Marcus Stefan Weber	Ames, Iowa
Erika Marie Suessmith	Austin, Tex.	Yvonne Marie White	Houston, Tex.
Laura Louise Sullivan	Scottsdale, Ariz.	Hadley Reginald Williams	Iowa Falls, Iowa
Amanda A. Summers	Norfolk, Neb.	Sadie Williams	Madrid, Iowa
Jenna Brianna Tayloe	Johnston, Iowa	Alexis Kay Willoughby	Fargo, N. Dak.
Tyler Daniel Triggs	Mount Ayr, Iowa		

Curriculum in Biology

Emilie Nicole Andrews	Oregon City, Oreg.	*** Joshua Louis Hagedorn	Des Moines, Iowa
Blake N. Bauer	Altoona, Iowa	*** Shana Danae Hudson	Johnston, Iowa
Moira Alese Bellamy	Carmel, Ind.	* Qiuhan Jiang	Dalian, China
Sarah Nicole Boerhave	Cedar Falls, Iowa	*** Alex Paul Lundin	Bellevue, Iowa
** Kaitlyn Mary Chantrey	Schaumburg, Ill.	Emily Ann Kathryn Roske	Sumner, Iowa
Roy Harold Cosner III	Murray, Iowa	Emily Miko Settle	West Des Moines, Iowa
Claudia Megan Devitt	Ida Grove, Iowa	Madison Marina Stuckenschneider	Cedar Rapids, Iowa
Amber Danielle Ellis	Marshalltown, Iowa	Morgan A. Stuckenschneider	Cedar Rapids, Iowa
*** Grace Nicole Gasser	Eau Claire, Wis.	Benjamin Reeves Wanamaker	Des Moines, Iowa
Arin Nicholas Graner	Aurora, Colo.		
RJ Robert Johnathon Green	Underwood, Iowa		

Curriculum in Dairy Science

Macey Marie Betcher	Plainview, Minn.	** Emily M. Irwin	Belvidere, Ill.
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Curriculum in Environmental Science

Kelly Mae Clark	Rocky Hill, Conn.	Donald Patrick LaPietra	Ames, Iowa
Macie Jordan Hope Codina	Ankeny, Iowa	Rowan C. McMullen Cheng	Des Moines, Iowa
* Michelle K. Jacoby	Dunn Loring, Va.	* Brett Timothy Shelton	Polk City, Iowa
** Geunhu Kim	Seoul, South Korea	Chase Joseph Wasson	Galena, Ill.

Curriculum in Food Science

Rushil D. Desai	Ahmedabad, India	Kanishk Pradip Patel	Ahmedabad, India
*** Yeong Sheng Lee	Perlis, Malaysia	Triadi Wisesa	Jakarta, Indonesia
*† Rebecca Marie Nellis	Fort Dodge, Iowa	Xiaoshuang Yu	Shanghai, China

Curriculum in Forestry

** Maureen Katherine Booth	Loretto, Minn.	Bennett Joseph Schwaller	Omaha, Neb.
Michael L. Parker	Dike, Iowa	Devon Nile York	Dallas Center, Iowa

Curriculum in Genetics

*** Audrey Marie Ade	Moline, Ill.	* Alexandra Kayla Marques	East Greenwich, R.I.
Wejdan Shamis Al Kiyumi	Vienna, Va.	* Emily Ann Mehle	Allison Park, Pa.
* William Daniel Fabiano	Cedar Rapids, Iowa		

Curriculum in Global Resource Systems

Rachael Bryanne Barnes	Bettendorf, Iowa	Heidi Lynn Kalb	Aurora, Iowa
Katarina Marie Betz	Huxley, Iowa	***† Timothy James Kerkhove	Omaha, Neb.
Natalie Elizabeth Bidner	Champaign, Ill.	** Stephanie A. McMillan	Independence, Iowa
** Maureen Katherine Booth	Loretto, Minn.		

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 *** Summa Cum Laude
 † Honors Program

Curriculum in Horticulture

Aaron L. Butler	Lincoln, Ill.	Chad Michael Plaehn	Gladbrook, Iowa
Mitchell L. Cook	Ames, Iowa	Konrad Payton Powell	Fort Dodge, Iowa
Kylah Alexandra Crooks	Charles City, Iowa	Arlene A. Santiago Lopez	Mayaguez, Puerto Rico
Taylor B. Heinrichs	Mulvane, Kans.	Mary Luanne Smith	West Des Moines, Iowa
Meeso Young Kim	Glenview, Ill.	Emily Anna Stoffel	Bloomer, Wis.
Thabisa Z. Mazur	Ames, Iowa	Zachary L. Twillman	Sioux City, Iowa
Nicholas A. Paoli	Cedar Rapids, Iowa		

Curriculum in Industrial Technology

Adam Charles Bichel	Ames, Iowa	Dylan Thomas Lende	Spirit Lake, Iowa
Austin Marcus Claussen	Davenport, Iowa	Branden Stephen Lewis	Chillicothe, Ill.
Colton T. Cortez	Fairfax, Iowa	Humza Ashraf Malik	Tower Lakes, Ill.
Edirimuni Kavindu Pramuditha De Zoysa	Galle, Sri Lanka	Cameron Michael Marczewski	Sac City, Iowa
Andrew S. Erb	Boone, Iowa	Patrick William Oberg Jr.	Otho, Iowa
Aaron Jacob Fleuren	Glenwood, Iowa	Trevor Elmer Petersen	Goldfield, Iowa
Tyler Joseph Gamerdinger	Dunkerton, Iowa	Matthew Daniel Rukavina	Rosemount, Minn.
Tyler Jon Hamann	Solon, Iowa	Mark L. Serovy	Marion, Iowa
Joseph M. Head	Jewell, Iowa	* Marc L. Stayner	Ankeny, Iowa
Johnathan A. Hughes	Durant, Iowa	Nathaniel T. Stewart	Appleton, Wis.
Nicholas J. Keech	Ankeny, Iowa	Parker John Suckow	Van Meter, Iowa
Cody James Lahr	Hopkinton, Iowa	Adam Nathaniel Tatum	Southaven, Miss.

Curriculum in Microbiology

Hahley Marie Fisher	Boone, Iowa	Lane Patrick Hacker	Pleasant Hill, Iowa
** Noelle M. Gray	Jefferson, Iowa		

Curriculum in Nutritional Science

Heidi Lynn Kalb	Aurora, Iowa
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Multiple Curricula and Majors

* Brianne Elizabeth Abbasi	Cedar Rapids, Iowa	Lacie Rose Dotterweich	Monticello, Iowa
Animal Science and Biology		Agriculture and Society and Liberal Arts and sciences: Major in Public Relations	
** Emily Elaine Abbasi	Cedar Rapids, Iowa	Connor M. Farrell	Urbandale, Iowa
Animal Science and Biology		Industrial Technology and Agricultural Systems Technology	
Alexander M. Andersen	Dike, Iowa	Morgan Nicole Findley	La Junta, Colo.
Agricultural Systems Technology and Industrial Technology		Agricultural Systems Technology and Industrial Technology	
*** Olivia Johanna Bisbee	Stacyville, Iowa	** Erik R. Gommel	Malta, Ill.
Agricultural Business and Business: Major in Finance		Agricultural Systems Technology and Industrial Technology	
* Josie Larae Burgett	Pleasantville, Iowa	Clayton J. Hilby	Dubuque, Iowa
Agricultural Business and International Agriculture		Agricultural Systems Technology and Industrial Technology	
Joshua Raymond Cinnamon	Naperville, Ill.	Allison M. Jewell	Mechanicsville, Iowa
Environmental Science and Liberal Arts and Sciences: Major in Geology		Animal Ecology and Biology	
Mikayla Lin Dolch	Villisca, Iowa	Nathan Martin Kimle	Ames, Iowa
Agricultural and Life Sciences Education and International Agriculture		Agricultural Business and Liberal Arts and Sciences: Major in Economics	

* Cum Laude

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*** Summa Cum Laude

† Honors Program

- *† **Joi Antoinette Latson** *Florissant, Mo.*
Global Resource Systems and Liberal Arts and
Sciences: Major in World Languages and Cultures
(Spanish)
- *** **Kristen A. Lowe** *Dysart, Iowa*
Agriculture and Society and Liberal Arts and
Sciences: Major in Public Relations
- * **Christopher Alan Mandt** *Rose Creek, Minn.*
Animal Science and Liberal Arts and Sciences:
Major in Economics
- * **Matthew Edward Maschmann** *Victor, Iowa*
Agricultural Systems Technology and Industrial
Technology
- Josie Mae McCarty** *Linn Grove, Iowa*
Agricultural Business and Business: Major in
Management
- Erin E. Mickey** *West Burlington, Iowa*
Global Resource Systems and Environmental
Studies
- Katie Lorene Minnihan** *Ames, Iowa*
Biology and Animal Ecology
- Cole J. Moody** *Harpers Ferry, Iowa*
Agricultural Systems Technology and Industrial
Technology
- Grant Thomas Osborn** *Ames, Iowa*
Industrial Technology and Agricultural Systems
Technology
- **† **Zoe A. Pritchard** *Ames, Iowa*
Biology and Environmental Studies
- Michael Kahle Rhoda** *Normal, Ill.*
Agricultural Business and Agronomy
- Nicholas J. Schuh** *Raleigh, N.C.*
Agronomy and Seed Science
- Quin Kyoko Shingai** *Morgan Hill, Calif.*
Biology and Environmental Science
- Jacob A. Sigwarth** *Holy Cross, Iowa*
Agricultural Systems Technology and Industrial
Technology
- Grace Ann Tusha** *Garner, Iowa*
Agricultural Business and Liberal Arts and
Sciences: Major in Economics
- Chandler Joseph Vorland** *Hardy, Iowa*
Agricultural Systems Technology and Industrial
Technology
- Yun Xu** *Zhenjiang, China*
Horticulture and Agronomy

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

CANDIDATES FOR DEGREES FROM THE IVY COLLEGE OF BUSINESS

BACHELOR OF SCIENCE

Major in Accounting

Daniel Ansong	Lamoni, Iowa	Myunghwan Hong	Seoul, South Korea
* Julianna P. Biedenfeld	Manson, Iowa	Trey Thomas Imerman	Guthrie Center, Iowa
Ryan L. Brandt	Urbandale, Iowa	Andrew John Koele	Le Mars, Iowa
Tyler Andrew Braun	Roland, Iowa	Aaron Matthew Lundy	Norwalk, Iowa
** Katelyn Arlene Broman	West Des Moines, Iowa	Marshall John Lyons	Waukon, Iowa
Sidnea L. Brown	Omaha, Neb.	Cassandra Kay Marvin	Ankeny, Iowa
Logan Dane Bruce	West Chicago, Ill.	Ashley Linda Masten	Van Horne, Iowa
Hunter Allen Buerster	St. Charles, Ill.	Eshpa Ojun'gu Mollel	Atlantic, Iowa
Austin Lance Cappel	Independence, Iowa	Andrew Scott Mueller	Ames, Iowa
Nicholas James Carson	Marshalltown, Iowa	Kelsey Renee Mueller-Spude	Urbandale, Iowa
Nicholas William Colletta	St. Louis, Mo.	Olivia Rae Muniz	Mason City, Iowa
* Steven William Cook	Glenview, Ill.	Nathan Darren Nuehring	Webster City, Iowa
Ashley Dawn Crandall	Woolstock, Iowa	** Sarah Marie Ochs	Dubuque, Iowa
*** Valerie Mae Culp	Huxley, Iowa	** Cherrie Putrinuto	Indonesia
Colton Patrick Dado	Inver Grove Heights, Minn.	Fabiola A. Rivera Blanco	Caguas, Puerto Rico
Nathan Andrew De Wit	Jewell, Iowa	** Reed Anthony Rognes	Clear Lake, Iowa
*** Micaela Derry	Granger, Iowa	Jordan Nicole Simon	Davenport, Iowa
Colin Robert Downing	Whitefish Bay, Wis.	** Timothy J. Teut	Denison, Iowa
Kathryn Jane Eigenberg	Brandon, S. Dak.	Brandon Gary Thompson	Cambridge, Iowa
*** Ellen Susan Espeland	Madrid, Iowa	** Jazmine Marie Thompson	Ankeny, Iowa
Jacob W. Evans	Altoona, Iowa	* Luke Garrett Umble	West Des Moines, Iowa
Eion Richard Fitzgerald	Crystal Lake, Ill.	Sara D. Vanderheiden	Glidden, Iowa
Trevor E. George	Sioux City, Iowa	** Dana Jean Vogel	Ankeny, Iowa
Nicholas W. Goings	Houston, Tex.	Carmen A. Wirkler	Farmersburg, Iowa
** Jordan Dalton Graham	West Des Moines, Iowa	* Wenmei Xu	Jiaozhou, China
** Debbie Putri Gunawan	Jakarta, Indonesia	** Kaihang Yan	Xiamen, China
Samuel Thomas Hepburn	Roscoe, Ill.		

Major in Business Economics

Yashvi Amit Desai	Surat, India	Matthew H. Waldschmidt	Iowa City, Iowa
Alex Lee Latteyer	Robins, Iowa		

Major in Entrepreneurship

Ethan Robert Marti	Story City, Iowa	Zachery John Richter	Omaha, Neb.
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Major in Finance

Victoria Elizabeth Adkins	Cedar Rapids, Iowa	*** Erik Patrick Birnbaum	Fort Dodge, Iowa
Abulikemu Ailikemu	Xinjiang, China	Mario Nicholas Bognanno	Minneapolis, Minn.
*** Abdulhadi T. Al-Aithan	Coralville, Iowa	Conall Arthur Brannon	Glenview, Ill.
Daniel Ansong	Lamoni, Iowa	Hunter Allen Buerster	St. Charles, Ill.
James Robert Arble III	Woodbury, Minn.	Austin Matthew Carlson	Naperville, Ill.
* Michael James Arnost	Plymouth, Minn.	* Elvira Gaytan Cavazos	Hampton, Iowa
Jacob Michael Arroyo	Sioux City, Iowa	Laura Marie Cisna	Ankeny, Iowa
Bareento M. Badasso	Woodbury, Minn.	Collin C. Coffman	Eden Prairie, Minn.
Alexander Michael Barker	Algonquin, Ill.	Andrew Michael Cunningham	Grinnell, Iowa
Austin David Beck	Story City, Iowa	Collin Lee Dobbs	Tripoli, Iowa

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*** Summa Cum Laude

† Honors Program

Savannah Faber	Lombard, Ill.	Yizhe Lyu	Hefei, China
Matthew Charles Franz	Cedar Rapids, Iowa	Samuel Donald Moore	Plymouth, Minn.
Sierra Rose Gothard	Eldridge, Iowa	Isaiah James Mundell	Waverly, Iowa
Ashton Christine Grover	Woodward, Iowa	** Kevin Patrick Murphy	Sheldon, Iowa
Ty Daniel Hanna	Sibley, Iowa	Thomas Michael Nairn	Charles City, Iowa
Bryton Richard Heisler	Cedar Rapids, Iowa	Christian Arthur Paulsen	Clear Lake, Iowa
Jonathan Taylor Hewitt	St. Charles, Ill.	Alexander C. Peterson	Windsor Heights, Iowa
Denzel Simanu Ieremia	Hamilton, New Zealand	Jordan Richard Savoy	Britt, Iowa
Joshua Steven Irlbeck	Templeton, Iowa	Wonsup Shin	Seoul, South Korea
Kayla Ann Johannes	Brooklyn, Iowa	Spencer Kennedy Smith	Marion, Iowa
Kenneth James Kirkman	Apple Valley, Minn.	Chengjie Sun	Nanjing, China
Young Hyun Ko	Seoul, South Korea	* Brady Dallas Swanson	Spencer, Iowa
Thavararithan Kogelen	Subang Jaya, Malaysia	Tyler N. Timp	Ankeny, Iowa
** Zern Lee	Gelang Patah, Malaysia	Joseph John Unger	Maplewood, Minn.
Rodrigo Leon	Newton, Iowa	Caleb J. Vander Molen	Sully, Iowa
Koi Wee Lim	Kuala Lumpur, Malaysia	** Dana Jean Vogel	Ankeny, Iowa
Jackson Todd Lohman	Boone, Iowa	Patra Rasuna Wanandi	Bekasi, Indonesia
Austin James Lovin	Shawnee, Kans.	Sook Hyang White	Okoboji, Iowa
Aaron Matthew Lundy	Norwalk, Iowa	* Haixiao Xue	Leshan, China

Major in Management

***†Alyx Kasey Bodholdt	Ames, Iowa	Mark Wesley Miedema	Sioux Center, Iowa
Addison Joseph Brockette	Cedar Rapids, Iowa	** Kennady Christine Miller	Carroll, Iowa
Joshua Thomas Broich	Ankeny, Iowa	*** Rachel Ann Miller	Lakeville, Minn.
Logan Dane Bruce	West Chicago, Ill.	Daniel James Obley	Norwalk, Iowa
Mary Rose Bump	Ankeny, Iowa	** Bailey Ann Pease	Colfax, Iowa
Jacob Michael Cassady	Des Moines, Iowa	Jesse Lynn Proehl	Urbandale, Iowa
Alejandro G. Castaneda	Des Moines, Iowa	Madacyn Jean Rief	Council Bluffs, Iowa
Caitlin Faith Culich	Des Moines, Iowa	Patrick Lamar Rowe	Gulf Shores, Ala.
Joshua R. Davis	Sioux City, Iowa	Kelly Anne Rudnicki	Eagan, Minn.
Emma K. Diamond	Omaha, Neb.	Kaitlin Ann Scheuble	Woodbury, Minn.
Jennifer Lydia Fulk	Clarinda, Iowa	Casey Ellen Schultz	Long Lake, Minn.
Randy Gluck	Crystal Lake, Ill.	Amber L. Schuster	Ames, Iowa
Willie Harvey Jr.	Hastings, Fla.	Samuel V. Seonbuchner	Oconomowoc, Wis.
Ryan Michael Hecker	Council Bluffs, Iowa	Jenna Marie Shultz	Des Moines, Iowa
Jack Holtz	Des Moines, Iowa	Matthew William Stade	Ingleside, Ill.
Jinglei Huang	Chengdu, China	Amy Rae Staebler	Ames, Iowa
Tobias A. Korner	Council Bluffs, Iowa	Elliott David Treinen	Ankeny, Iowa
Michael J. Krug	Naperville, Ill.	* Nicole Michele Turner	Pearland, Tex.
Leah Jean Lappe	Griswold, Iowa	Jake Arthur Wolf	Garner, Iowa
Laura Nichole Mathern	Marshalltown, Iowa	Austin Zobel	Ida Grove, Iowa

Major in Management Information Systems

Kwame S. Adiyia	Edina, Minn.	Chase Michael Erickson	Estherville, Iowa
Gregory Thomas Anderson	Sioux City, Iowa	Jesse Espinoza	Sibley, Iowa
Jackson Hawk Anderson	Atlantic, Iowa	Alexander Lloyd Felger	Carlisle, Iowa
** Luwis Andradige Ravindu Rasadun Andradi		Kerri Fichter	Ames, Iowa
	Kandy, Sri Lanka	Cody Steven Finer	Forest City, Iowa
Seth Phettai Backham	Des Moines, Iowa	Noah Michael Gassman	Dubuque, Iowa
* Jordan W. Barker	Monticello, Iowa	Maxwell T. Gilman	Sioux City, Iowa
Zachary Alan Berg	Cresco, Iowa	Zachary A. Hartley	Minneapolis, Minn.
David Boyd	Charles City, Iowa	Devin James Harvey	West Chicago, Ill.
Isaac Dean Brekke	Nevada, Iowa	Grant Lee Heckman	Creston, Iowa
Andy Lazaro Castillo	Hampton, Iowa	Evan Dale Hicks	Marshalltown, Iowa
Joshua Duane Chambers	Ankeny, Iowa	Shun-Weng Hui	Kota Kinabalu, Malaysia
Michel Chinyama	Des Moines, Iowa	Christopher W. Kesting	Woodbury, Minn.
*** Bridget Rae Concannon	Story City, Iowa	Yang Liu	Changshu, China
Ian Alan Cornish	Davenport, Iowa	Isaiah Taylor Loeschen	Forest City, Iowa
Erik D. Dawson	Altoona, Iowa	Michael Edward Lundquist	Bloomington, Ill.
Brendan Perry Dow	Maple Grove, Minn.	Cassandra Kay Marvin	Ankeny, Iowa

* Cum Laude

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*** Summa Cum Laude

† Honors Program

Cole David McCaulley	Maquoketa, Iowa	John Logan Ruby	San Juan, Puerto Rico
Nicholas Joseph Meyer	Palatine, Ill.	Quinn Matthew Salas	New Sharon, Iowa
Nolan Dale Miller	Carlisle, Iowa	Jason Paul Sliva	Lees Summit, Mo.
Vasudev Sridharan Nambury	Oakdale, Minn.	Dylan Diehl Smith	Ames, Iowa
Collin Scheetz Nielsen	River Falls, Wis.	** Jacob Alan Sowers	Plymouth, Minn.
Tye Jeffrey Nielsen	Atlantic, Iowa	Aaron Michael Stoner	Glenwood, Iowa
Lucas Andrew Nye	Indianola, Iowa	Mark A. Strothcamp	Grimes, Iowa
Trace Edwin Ohrt	Marshalltown, Iowa	Oscar D. Tavera Barron	Ankeny, Iowa
Max Emmanuel Tworek Orejola	North Grafton, Mass.	Jason Michael Thomas	Des Moines, Iowa
** Christopher C. Osborn	Cedar Rapids, Iowa	Daniel Jay Tidyman	Pleasant Hill, Iowa
Sean Michael Pokornowski	Geneva, Ill.	Oryn Thomas Weede	Stromsburg, Neb.
Zachery John Richter	Omaha, Neb.	Evan Patrick Wilson	Urbandale, Iowa
Carson Tilden Roberts	Jefferson, Iowa	Dylan Max Wright	West Des Moines, Iowa
Quinton Michael Robinson	Merrill, Iowa	Xinyu Yao	Villisca, Iowa
Carlos Gabriel Rosario Rivera			Chengdu, China

Major in Marketing

Amber Elaine Aho	East Bethel, Minn.	Jacob Robert Klostermann	Norwalk, Iowa
Julia Maiko Baker	Yokohama, Japan	* Anne Elizabeth LaMair	West Des Moines, Iowa
Mikayla Rose Becker	Knoxville, Iowa	* Andjela Mandic	Johnston, Iowa
Brianna M. Bellis	Urbandale, Iowa	Zorobabel Martinez	Sioux City, Iowa
Evan Jim Bleeker	West Des Moines, Iowa	** Kurtis James McKenzie	Rosemount, Minn.
Haley Jean Bommersbach	Breckenridge, Minn.	Tyler James Middleswart	Cumming, Iowa
Joseph Dominic Bratta II	Mundelein, Ill.	Raegan Lynne Morris	Earlham, Iowa
Tyler Stephen Britton	Johnston, Iowa	Akhila Muttamsetty	Hyderabad, India
Mary Rose Bump	Ankeny, Iowa	Brent Dwyer Nearmyer	Urbandale, Iowa
Melissa Sue Carroll	Colo, Iowa	Danielle Lucille Neef	Waukee, Iowa
Ellie C. Cavanaugh	Urbandale, Iowa	Aisar Pakhirdinov	Almaty, Kazakhstan
Michael Sung Chapman	Urbandale, Iowa	Brian Keith Peavy II	Houston, Tex.
Claire Joleen Damon	Eldora, Iowa	Tyler C. Pennings	Orange City, Iowa
Colton Mitchell Davis	Ankeny, Iowa	Todd Matthew Price	Eagan, Minn.
* Cameron R. A. Devaux	Cedar Rapids, Iowa	Ryan David Schroder	Ankeny, Iowa
Caleb David Evans	West Des Moines, Iowa	Andrew Enzo Shaffer	Polk City, Iowa
Thomas Noah Galloway	Baxter, Iowa	India Bren Skinner	Sherrard, Ill.
Alexander A. Gazso	Chicago, Ill.	Austin Michael Steinle	Ankeny, Iowa
* Murphy Walker Hanson	Mound, Minn.	Renee Ann Stohr	Pleasant Hill, Iowa
Woong Heo	Seongnam-si, South Korea	Haley Lynne Voaklander	Ames, Iowa
Tim Richard Hornung	Madrid, Iowa	Tori Kay Watts	Waukee, Iowa
Patrick Keller	Arlington Heights, Ill.	Drew G. Wetterich	Bloomfield, Iowa
Rachel Ann Kelley	Woodbury, Minn.	Mary Elizabeth Wilhelmi	Perry, Iowa
Drake Alan King	Cedar Rapids, Iowa		

Major in Supply Chain Management

Temi Ayobami Agbaje	Ames, Iowa	Wesley Chance Leisure	Ankeny, Iowa
Robert Marshall Boyd V	Austin, Tex.	Richard Joseph Lorber	Johnston, Iowa
Dylan Bragg	Alton, N.H.	* Braiden F. Loreno	Elk River, Minn.
Trevor Joseph Caldwell	Spirit Lake, Iowa	* Daniel Marjanovic	Rockledge, Fla.
* Alec F. Dodds	Chaska, Minn.	Paige M. Mathewson	Elk River, Minn.
Garrett Payton Gathman	Plainfield, Ill.	Eric Jordon Meier	West Des Moines, Iowa
Connor Edwards Hamilton	Lakeville, Minn.	Estefania Mendez Parada	Ames, Iowa
Bridget Grace Hennigan	Naperville, Ill.	Hannah Hien Nguyen	Des Moines, Iowa
* Scott Mitchell Herrera	Omaha, Neb.	Joseph Miller O'Brien	Ankeny, Iowa
Shun-Weng Hui	Kota Kinabalu, Malaysia	** Sarah Marie Ochs	Dubuque, Iowa
Hugh Alexander Hutchison	Roselle, Ill.	* Jacob Dean Ohlhues	Eagan, Minn.
Nathaniel James Irgens	Spencer, Iowa	Alexander C. Peterson	Windsor Heights, Iowa
Sung Ho Jang	Seoul, South Korea	* Xiaoyu Qiao	Beijing, China
Brian Alexander Jewell	Ames, Iowa	Zachary Ryan Raiche	Westerly, R.I.
* Kyle Martin Kalivoda	Maple Grove, Minn.	Andres Rodriguez Gutierrez	Marshalltown, Iowa
Taehun Kim	Seoul, South Korea	Jackson Nicholas Rose	Libertyville, Ill.

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** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Cristian M. Ruiz-Lopez	Sioux Center, Iowa	Alex Joseph Van Vleet	Indianola, Iowa
Juan Xavier Sandoval-Duran	Waterloo, Iowa	* Alex J. VenHorst	St. Charles, Ill.
* Clay Christian Strang	Waunakee, Wis.	Alon Wald	Iowa City, Iowa
** Luke Christian Stratmoen	Brookings, S. Dak.	Alex Michael Whye	Council Bluffs, Iowa
Barrett Maxwell Turnoy	Deerfield, Ill.		

Multiple Curricula and Majors

* Bailee Sue Ballard	Ankeny, Iowa	Rose M. Meyer	Fonda, Iowa
Management and Marketing		Marketing and Management	
* Matthew Christian Berger	Redfield, Iowa	Caleb Allen Mueller	Greenfield, Iowa
Marketing and Management		Marketing and Management	
Spencer Benjamin Betts	Cedar Falls, Iowa	** Kristen Amanda Nguyen	Geneseo, Ill.
Supply Chain Management and Management		Management Information Systems and International Business	
Jordan L. Bryson	Des Moines, Iowa	Kory Andrew Nystrom	Burlington, Iowa
Finance and Marketing		Management and Marketing	
Drake Jonathan Caple	Maxwell, Iowa	* Si-Kai Ong	Kuala Lumpur, Malaysia
Accounting and Finance		Supply Chain Management and International Business	
Kyle Garnett Cook	Ankeny, Iowa	Bryson P. Painter	Monmouth, Ill.
Management and Finance		Marketing and Management	
** Haley Kay Dille	Radcliffe, Iowa	Milly Penaloza-Mata	Des Moines, Iowa
Management Information Systems and Supply Chain Management		Marketing and Management	
Jonathan Scott Ellis	Lee's Summit, Mo.	Jessica Elizabeth Phillips	New Richland, Minn.
Management and Marketing		Supply Chain Management and Marketing	
Ryan Michael Patrick Fox	Manning, Iowa	Adam Henry Pick	Cedar Rapids, Iowa
Marketing and Management		Finance and Supply Chain Management	
**† Stephen Conrad Goldsworth	Council Bluffs, Iowa	* Charles Robert Price	Trout Valley, Ill.
Management Information Systems and Supply Chain Management		Marketing and Supply Chain Management	
* Jill Marie Hankins	Johnston, Iowa	Collin Jason Richter	Cedar Falls, Iowa
Marketing and Finance		Management and Marketing	
Taylor Nicole Hankins	Johnston, Iowa	Holly Rosburg	Grinnell, Iowa
Marketing and Management		Accounting and Management	
Neal Thomas Hayden	Newton, Iowa	Ashley Janelle Stecker	St. Michael, Minn.
Accounting and Finance		Marketing and Management	
Ryan L. Heinrichs	Webster City, Iowa	Daniel Patterson Stone	Bondurant, Iowa
Supply Chain Management and Management		Management Information Systems and Supply Chain Management	
*** Gabrielle Lynn Hemesath	Clermont, Iowa	* Benjamin Peter Vidmar	Chanhausen, Minn.
Supply Chain Management and Marketing		Finance and Management Information Systems	
** Allison Jo Kacer	West Des Moines, Iowa	** Samantha Jean Vondrak	Mankato, Minn.
Marketing and Management		Finance and Liberal Arts and Sciences: Major in Statistics	
Tyler John Larchick	Council Bluffs, Iowa	Hayley Kay Willems	Adel, Iowa
Accounting and Management Information Systems		Marketing and Finance	
** Faith K. Lee	Carroll, Iowa		
Supply Chain Management and Marketing			

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

Tanner Jay Fjelstad	Lake Mills, Iowa	Wanting Sun	Shanghai, China
Kaihong Gao	Hefei, China	Hao Wang	Beijing, China
Jinqi Gu	Zibo, China	* Zihan Yu	Weifang, China
David Matto Rivero	Parkland, Fla.	**† Hancheng Zhang	Hefei, China
* Isadora F. Panjaitan	Jakarta, Indonesia	** Haoran Zheng	Weihai, China
* Zhoujian Sheng	Lanzhou, China		

BACHELOR OF ARTS

Curriculum in Art and Design

Charlie Peter Coffey	Bettendorf, Iowa	Taylor Nicole Thomas	Des Moines, Iowa
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Curriculum in Interdisciplinary Design

Kipp Wayne Davis	Spencer, Iowa	Wyatt John Rasmussen	Underwood, Iowa
Elizabeth Louise Edwards	Cedar Rapids, Iowa	** Katelyn Joe Swanson	Minburn, Iowa
Kwan Yong Park	Anseong-si, South Korea	Xiayang Zheng	Zhengzhou, China
Brooke Michaela Penning	Garner, Iowa		

BACHELOR OF DESIGN

Curriculum in Design

Flora Patricia Williams	Denison, Iowa
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

Kayla Leigh Hipsher *New Sharon, Iowa*

Curriculum in Integrated Studio Arts

Madison Marie Fowler *Bettendorf, Iowa* Peter Keith Lemken *West Des Moines, Iowa*
Ashia Cecilia Healy *Lake View, Iowa* Xiaohe Wang *Nanjing, China*

Curriculum in Interior Design

Lin Guo *Beijing, China* Emily J. Young *Omaha, Neb.*
Andy J. Hagerty *Altoona, Iowa*

BACHELOR OF INDUSTRIAL DESIGN

Curriculum in Industrial Design

* Andrew Billick	<i>Cedar Rapids, Iowa</i>	* Anna Elizabeth Jacobi	<i>Shellsburg, Iowa</i>
* Sadie Jean Carver	<i>Humboldt, Iowa</i>	Priyankaa Krishnan	<i>Al Ain, United Arab Emirates</i>
Alex M. Charlson	<i>Dubuque, Iowa</i>	Alex Edward Landgrebe	<i>Norwalk, Iowa</i>
*** Derek M. Coulter	<i>Beaman, Iowa</i>	Sadie Mae Lewman	<i>Farnhamville, Iowa</i>
* Holden Greenberg	<i>Vernon Hills, Ill.</i>	David A. Norton	<i>Ames, Iowa</i>
Jonathan Marcus Hatley	<i>Cedar Hill, Tex.</i>	Aaron Dale Schaben	<i>Dallas Center, Iowa</i>
* Matthew Russell Heitmann	<i>Williamsburg, Iowa</i>	Paige Alexandra Shirk	<i>Morrison, Ill.</i>
*** Erik T. Henjum	<i>Long Lake, Minn.</i>	Kristen Kay Swiercinsky	<i>Belleville, Kans.</i>
Gwanwoo Hong	<i>Seoul, South Korea</i>	Sawyer John Wald	<i>White Bear Lake, Minn.</i>

BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Rosemary J. Bruce	<i>Kansas City, Mo.</i>	***† Timothy James Kerkhove	<i>Omaha, Neb.</i>
Ziyi Chen	<i>Shenyang, China</i>	Georgia Faith McAlister	<i>Westford, Mass.</i>
Seth Alan Cloe	<i>Des Moines, Iowa</i>	Kaylinn Sueann Taggart	<i>Council Bluffs, Iowa</i>
Jonathan Daniel Ray Dixon	<i>Urbandale, Iowa</i>	Kendra Lee Thomas	<i>Des Moines, Iowa</i>
Kara Marie Harmet	<i>Bartlett, Ill.</i>	Yutong Wang	<i>Zibo, China</i>

* *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

Jacob Michael Bartelme	Carver, Minn.	Katherin Heather Larsson	Annapolis, Md.
* Maciej Adam Batura	Roselle, Ill., Poland	Ryan Frank Massey	Bartlett, Ill.
Benjamin Richard Briggs	Sioux Falls, S. Dak.	* Grant Evan Mathiason	Golden Valley, Minn.
Dakota Kyle Calfee	New Market, Iowa	** Jack Patrick Mauss	Bellevue, Iowa
* Michelle Lynn Camp	St. Michael, Minn.	Austin Michael McCarthy	Ainsworth, Iowa
Juana Castelli	Buenos Aires, Argentina	Cory Michael Miller	Aberdeen, S. Dak.
** Jayson Richard Chapman	Sioux Falls, S. Dak.	** Colton James Mundt	West Chicago, Ill.
Joshua Matthew Chappell	Lowden, Iowa	Jason Alec Mysliwicz	Elgin, Ill.
* Anthony Joseph Crudele	Plainview, Minn.	*** Isabel L. Neff	Cedar Rapids, Iowa
** Dalton Bryant Doom	Urbandale, Iowa	* Durga Paudel	Champaign, Ill.
**† Layne Michael Droppers	Yankton, S. Dak.	Alec Victor Pope	Elburn, Ill.
Adam Rogers Duvick	Ames, Iowa	Andrew James Reiff	Independence, Iowa
Colin James Elleby	Ankeny, Iowa	Michaela Renee Spaulding	Fort Dodge, Iowa
Dan Conrad Gagni	Tinley Park, Ill.	Ryan Michael Story	Stockbridge, Ga.
Austin Gerber	Middleton, Wis.	Kin Yeng Tan	Petaling, Malaysia
Pinakshi Gogoi	Guwahati, India	Eddie Ik Chin Ting	Subang Jaya, Malaysia
Jacob Loren Goldenberg	Glenview, Ill.	William Michael Tippit	Fairview Heights, Ill.
* Christopher Alan Griffiths	Moline, Ill.	Tho T. Ton	Des Moines, Iowa
Steven Richard Hansen	Muscatine, Iowa	Andrew Joseph Venturella	Bartlett, Ill.
Shane Anthony Hickson	Sergeant Bluff, Iowa	*** Ryan Loras Wilkin	Center Point, Iowa
Dereck Christopher Ios	Libertyville, Ill.	Kyle William Willis	Eagan, Minn.
Evan R. Johnston	White Bear Lake, Minn.	Bradley Michael Wisser	Crystal Lake, Ill.
Austin Jonathan Kaiser	Grayslake, Ill.	Paisley Kristine Witt	Mason City, Iowa
Jeshan S. Kanaganayagam	Lincoln, Neb.	Jia-June Wong	Kuala Lumpur, Malaysia
* Travis Edward King	Columbus, Neb.	Michael B. Young	Plano, Tex.
Christopher Anthony Kopec	Palatine, Ill.	Aaron Darrick Zarling	Vadnais Heights, Minn.
John K. Kremer	Sussex, Wis.		

Curriculum in Agricultural Engineering

** Kyle Ray Blaylock	Elma, Iowa	Brett Evan Huston	Medina, Minn.
Brandon Edward Boeckman	Breda, Iowa	*** Jia Wen Lee	Miri, Malaysia
Jesse Michael Buck	St. Paul, Oreg.	Aaron Daniel Miller	Oxford, Iowa
Samuel Thomas Clark	Davis, Ill.	Nathan Gilbert Mowery	Honey Creek, Iowa
Loulou Claire Dickey	Burlington, Iowa	Weston Allan Peters	Portsmouth, Iowa
Matthew Oren Dupy	Chillicothe, Mo.	Samuel J. Phillips	Manchester, Iowa
* Brendan D. Hageman	Ossian, Iowa	Caleb John Polson	New Prague, Minn.
** Benjamin A. Hanson	Decorah, Iowa	Nathan Richard Schmidt	Whittemore, Iowa
Ethan Lee Hill	Swisher, Iowa	Madelyn Rose Tusha	Garner, Iowa
Grant William Hoppes	Van Meter, Iowa	* Jennifer Marie Widmer	New Prague, Minn.

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

Curriculum in Biological Systems Engineering

Rachael Bryanne Barnes	Bettendorf, Iowa	*** Andrea Rae McEachran	Cedar Rapids, Iowa
Matthew F. Ernst	Fort Collins, Colo.	Marianna Kay Overgaard	Newell, Iowa
***†Michelle Ann Friedmann	Mendota Heights, Minn.	Katie Marie Schwaegler	Anamosa, Iowa
Jennifer R. Green	Swansea, Ill.	Erin Nicole Vespestad	Destin, Fla.
Christina Rose Konicek	Rockford, Ill.	** Binbin Zhu	Shenyang, China

Curriculum in Chemical Engineering

Mazen Abdullah	Abu Dhabi, United Arab Emirates	David Allen Lombardo Jr.	Bartlett, Ill.
** Mohammed Zahir Al-Abri	Ames, Iowa	David Paul Lowry	Eau Claire, Wis.
Thomas Richard Allevan	Victoria, Minn.	Ahsas Malik Bermudez	Panama City, Panama
*** Davis John Arbogast	Eagan, Minn.	Ahmed Mohamed Mansoor	Jeblat Hebshi, Bahrain
Brenna Nannette Barber	Lenexa, Kans.	Samuel Anthony McDermott	Cascade, Iowa
Nicholas A. Brown	Machesney Park, Ill.	Matthew Isaias Milot	Marshalltown, Iowa
Abigail M. Budan	Ottumwa, Iowa	Makayla Taylor Moccio	Mission Viejo, Calif.
Hojai Byon	Seoul, South Korea	Abdalla F. Mohamed	Des Moines, Iowa
* Brian Young Chang	Sioux City, Iowa	Muhammad Nasir Mohd Siddiq	Kota Kinabalu, Malaysia
Douglas G. Davis	Geneva, Ill.	Alexandria N. Mullally	Le Mars, Iowa
Grant Paul Denny	Johnston, Iowa	Kofi Oduro-Nsenkyire	Plano, Tex.
Harper Anne Emswiler	Missouri Valley, Iowa	Alan K. Owusu-Poku	Eagan, Minn.
Kaiying Gao	Dalian, China	Maria Fernanda Palen	Saginaw, Minn.
Jason A. Grabe	Walford, Iowa	* Connor Daniel Pearson	Mitchellville, Iowa
*** Mason Andrew Green	Princeville, Ill.	Jason Michael Peck	Rockton, Ill.
Andy Guce	Park Ridge, Ill.	* Cameron Joseph Redshaw	Johnston, Iowa
Rubo Han	West Des Moines, Iowa	Christopher Robert Rogers	Stanton, Iowa
Clint James Helle	Earlville, Iowa	Riley Ray Rue	Ridgeway, Iowa
James Edward Herrington	Davenport, Iowa	Anna Katharine Elisa Schlueter	Marion, Iowa
Patrick Hertzell	Darien, Ill.	Evan Wolfgang Schroeder	Waukegan, Iowa
Zhisui Hu	Hangzhou, China	Miranda Schuelke	Rosemount, Minn.
** JuHyung Jung	Yongin, South Korea	Skyler Henry Streff	Glenview, Ill.
Kaylin Alexandra Kartaly	Altoona, Wis.	Robert Glen Swenson	Ocheyedan, Iowa
Sarah Arimintia Ketcham	Rockford, Ill.	Nicole Rene Tait	Carroll, Iowa
Ryan Connor Kitchen	Johnston, Iowa	Tham Tran	Davenport, Iowa
Brandon Louis Korkow	Johnston, Iowa	Taylor John Trumbo	Bettendorf, Iowa
Veronica Neoma Lange	Solon, Iowa	Alvin Chung-Kit Wong	Algonquin, Ill.
Yuanshun Li	Wuhan, China	Yixi Zhu	Beijing, China
Samuel P. Liggett	Apple Valley, Minn.		

Curriculum in Civil Engineering

Saadeldeen Maher Antar	Saida, Lebanon	* Kara Lynn Kieffer	Ogden, Iowa
Zachery Ty-Michael Arneson	Spirit Lake, Iowa	Calvin J. Kratochvil	West Chicago, Ill.
† Celia Barquin Arozamena	Puente San Miguel, Spain	* Christopher E. Kuhlers	Clear Lake, Iowa
Vincent Leland Barker IV	Lawrence, Kans.	Hyun Song Lee	Seoul, South Korea
Kathryn Dianna Brown	Champaign, Ill.	Jiong Li	Beijing, China
Nicholas James Campbell	West Liberty, Iowa	** Han Liu	Lanzhou, China
* Junyu Cao	Beijing, China	Nicholas Thomas Maki	Woodbury, Minn.
Lok Heng Jonathan Cheung	Hong Kong	* Grady Xavier Manker	Moville, Iowa
Gregory Joseph Civin	Fairfield, Iowa	** William Francis Marko IV	Lee's Summit, Mo.
Michael Joseph Diambri	Libertyville, Ill.	Christian Douglas McKee	Robins, Iowa
Lauren Elizabeth Dietz	Batavia, Ill.	** William Brooks Nicholson	Perry, Iowa
Scott Charles Dillavou	Ames, Iowa	* Loong Hui Oh	Shah Alam, Malaysia
Alexis Sue Duve	West Des Moines, Iowa	Kelly Marie Piazza	Naperville, Ill.
Randall Matthew Friend	Des Moines, Iowa	Brandon Alexander Raleigh	Downers Grove, Ill.
Xinyang Gu	Lanzhou, China	Samuel Craig Renaud	Atlantic, Iowa
Evan Mitchell Hagenow	Walford, Iowa	* Lincoln Andrew Rodenburg	Council Bluffs, Iowa
Jason Joseph Hermann	Ankeny, Iowa	Enrique Rubio Delgado	Des Moines, Iowa
Nicholas Dmytro Holowka	Glen Ellyn, Ill.	Jason Daniel Ruffcorn	Altoona, Iowa
David Michael Jahn	Grayslake, Ill.	Siti Aisyah Sazali	Selangor, Malaysia
* Reed Andrew Jennings	Davenport, Iowa	Daniel David Schertz	Naperville, Ill.

* Cum Laude
 ** Magna Cum Laude
 *** Summa Cum Laude
 † Honors Program
 ‡ Posthumous degree

Logan Christopher Schlachter	St. Charles, Ill.	Megan Louise Tucker	Cedar Falls, Iowa
Nathan Douglas Schmitz	Jesup, Iowa	** Brett Christopher Walker	Cherokee, Iowa
Scott David Schulte	Geneseo, Ill.	Lucas Connor Walsh	Urbandale, Iowa
Matthew James Sexe	Prior Lake, Minn.	Yifan Xu	Suzhou, China
Alex Wesley Shatek	Fort Atkinson, Iowa	Ziqiang Xue	Lanzhou, China
William Larry Siglin	Mason City, Iowa	** Xiang Yan	Lanzhou, China
** Matthew Joseph Staley	Charter Oak, Iowa	Zhe Zhang	Beijing, China
Kyle James Stebbing	Eagan, Minn.	Guangfan Zheng	Lanzhou, China
Tyler David Steeve	Clarinda, Iowa	David Leslie Zobrist	Spencer, Iowa
Ryan John Tranmer	Dubuque, Iowa		

Curriculum in Computer Engineering

Aashwatth Agarwal	Lawrence, Kans.	Hongji Luo	Kunming, China
** Jevay Aggarwal	New Delhi, India	Colin Patrick McAllister	Iowa City, Iowa
Ethan Michael Ball	Britt, Iowa	Ryan Joseph Pals	North Liberty, Iowa
Rajiv Bhoopala	Bolingbrook, Ill.	Nicholas Stephen Pecka	Fort Dodge, Iowa
Hongyi Bian	Jinan, China	* Jonathan David Rothfus	Carlisle, Iowa
* Sarah Ann Coffey	Dunlap, Ill.	Michael L. Scholl	Wheaton, Ill.
Nathan Joseph Cool	St. Michael, Minn.	* Christopher Adam Stapler	Rancho Cucamonga, Calif.
Robert James Duvall Jr.	Independence, Mo.	Omar Marcus Taylor	Miramar, Fla.
Justin F. Falat	Carpentersville, Ill.	** Andrew Thai	Des Moines, Iowa
Brendan Thomas Finan	Knoxville, Iowa	Samuel Tinklenberg	Orange City, Iowa
Grant Reade Foudree	Chicago, Ill.	Robert Richard Tynnismaa	Tama, Iowa
Calyn James Gimse	Cedar Rapids, Iowa	Brian David Weber	Waterloo, Iowa
***† Samuel R. Howard	Omaha, Neb.	Ben A. Young	Des Moines, Iowa
Aaron Robert Hudson	Clive, Iowa	George I. Zachariades	Ankeny, Iowa
* Samuel Caleb Johnson	Windsor Heights, Iowa	Ningyuan Zhang	Lanzhou, China
Rishab Rajesh Kinnerkar	Mumbai, India	Yuanbo Zheng	Zhengzhou, China
Andi Li	Ames, Iowa		

Curriculum in Construction Engineering

Omar Abdelaziz Mahmoud Abdrabou	Cairo, Egypt	Blake Thomas Miller	Johnston, Iowa
Lincoln James Boehmer	Lake Mills, Iowa	Adam Robert Millsap	Cedar Rapids, Iowa
Trevor Glyn Bounds	Lytton, Iowa	Tyler Neil Mueller	Port Washington, Wis.
Janice Marie Christopher	Des Moines, Iowa	Matthew Stephen Olson	West Des Moines, Iowa
Johnny Rae Coder	Urbandale, Iowa	Matthew Edward Patet	Maplewood, Minn.
Megan Marie Collins	Belvidere, Ill.	Thomas Harvey Patterson	Manly, Iowa
Lauren Kelsey Cowell	Ankeny, Iowa	Julie Tuyet Penton	Des Moines, Iowa
Jeffrey Douglas Gasperi	Des Moines, Iowa	Noah Benjamin Perez	Urbandale, Iowa
Grayson Reitz Gibson	Des Moines, Iowa	Robert L. Petersohn	Ringwood, Ill.
Ryan Coleman Gilbert	Crystal Lake, Ill.	Andrew Michael Rasmussen	Kelley, Iowa
Brittany Leigh Gronewold	Des Moines, Iowa	** Noah Sebastian Reddig	Clive, Iowa
Cameron Matthew Hansen	West Des Moines, Iowa	Bryce Patrick Richards	Polk City, Iowa
Vincent James Horras	Fairfield, Iowa	Trevor Ring	Emmetsburg, Iowa
Brandon David Huber	Ankeny, Iowa	Stephanie K. Shah	Palatine, Ill.
David Robert Huggins	Oskaloosa, Iowa	Michael Oliver Shimp	Des Moines, Iowa
** Heather Nicole Jenkins	Glen Allen, Va.	Javier Solis Jaimes Jr.	Des Moines, Iowa
Brennan Nolan Karber	Bettendorf, Iowa	Alan J. Swan	Keokuk, Iowa
Riley McLaren	Indianola, Iowa	Parker Douglas Van Zyl	Fort Dodge, Iowa

Curriculum in Electrical Engineering

Aashwatth Agarwal	Lawrence, Kans.	Caleb Jon Davidson	Orange City, Iowa
Caroline Kelly Alva	Marion, Iowa	Ryan Anthony Decker	Johnston, Iowa
Tania M. Alvarado Carias	Tegucigalpa, Honduras	** Minoru Ranusha Fernando	Omaha, Neb.
*** Tyler James Archer	Waterloo, Iowa	*** Joseph Talbot Filbert	Marshalltown, Iowa
Abdullah Salem Bahashwan	Medina, Saudi Arabia	* Eric Case Fritz	Lancaster, Wis.
Steven Sanders Brown	Gretna, Neb.	Christopher Russell Goodrich	Webster City, Iowa
Nathan Kort Coonrod	Norwalk, Iowa	** Mahmoud Gshash	Tripoli, Libya
Tucker Lane Creger	Simpsonville, Ky.	* Mitchell Lee Hagar	West Des Moines, Iowa

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Keng Yik Ho	Penang, Malaysia	Ricardo Rodriguez	Council Bluffs, Iowa
Robert Daniel Holm	Decorah, Iowa	Joshua Allen Rolles	Council Bluffs, Iowa
Yan Jie Hui	Rio de Janeiro, Brazil	Joel James Seaser	Owatonna, Minn.
** Kyle Patrick Kehoe	Denver, Iowa	** David Michael Severson	Davenport, Iowa
Daeyoo Kim	Ames, Iowa	Rachel Ann Tuazon Shannon	San Jose, Calif.
** Thomas David Kimler	Davenport, Iowa	Nihaal Sitaraman	Rolling Meadows, Ill.
Brian K. Kirkpatrick	Des Moines, Iowa	Nicholas Josiah Stitzell	Des Moines, Iowa
Derrick Matthew Lawrence	North English, Iowa	Damon James Stubbs	Pleasant Hill, Iowa
Logan Clare Lillis	Williamsburg, Iowa	Joseph David Thurin	Eden Prairie, Minn.
Devesh Mohan	Falls Church, Va.	* Jacob Dominick Verheyen	Dunlap, Ill.
Nathan Andrew Mulbrook	Marion, Iowa	* Quan Wang	Grand Rapids, Mich.
* Taylor Joseph Murphy	Naperville, Ill.	Yan Wang	Deptford, N.J.
Cody Howard Neltner	Davenport, Iowa	** Andrew James Wassenaar	Eden Prairie, Minn.
Kenny Tai Nguyen	Marion, Iowa	Kenneth John Wendt III	Geneva, Ill.
*** Kellen Edward O'Connor	West Des Moines, Iowa	Clayton Daniel White	Des Moines, Iowa
Remo V. Panella	Naperville, Ill.	* Elizabeth Wickham Kolstad	Ames, Iowa
* Matthew J. Pedretti	Victoria, Minn.	Rohan Yadlapati	Inver Grove Heights, Minn.
Sok Yan Poon	Selangor, Malaysia	Jiancheng Zhang	Nanjing, China
Pengyu Qu	Zhengzhou, China	Qinming Zhang	Shenzhen, China
Curtis Tyler Richards	Danville, Iowa		

Curriculum in Industrial Engineering

Jorge Abascal	Lincolnshire, Ill.	Robin Theresa Lucke	Rosemount, Minn.
Abdulrahman S. Alsaikhan	San Diego, Calif.	Matthew Alan Lunning	Glenwood, Iowa
Jacob T. Austin	Lakeville, Minn.	Kelsey Nicole McConnell	Mount Pleasant, Iowa
Ethan Blane Bass	Glencoe, Minn.	Nathan Cole McDonald	St. Michael, Minn.
Christopher Michael Bauer	Cedar Rapids, Iowa	Grant Fredrick McDowell	Urbandale, Iowa
Maccoy Vorlice Benzen	Plymouth, Minn.	Andrew D. McKasy	Mahtomedi, Minn.
Rachel E. Billingsley	Lake Elmo, Minn.	Austin Reed Patton	Excelsior, Minn.
Daniel David Bloom	Davenport, Iowa	* Caleb Russell Piszczek	Yorkville, Ill.
Bryan Steven Brinkley	Phoenix, Ariz.	Adam Thomas Podhajsky	Marshalltown, Iowa
Maria Isabel Burkle Gonzalez	Caracas, Venezuela	Daniel Wiratama Pramono	Jakarta, Indonesia
Michael Thomas Carlson	Barrington, Ill.	Stuart James Rettig	Marion, Iowa
** Nicholas J. Collison	Carroll, Iowa	John William Rickert	Davenport, Iowa
Daniel M. Cushing	Palatine, Ill.	Daniel M. Savage	Lamoni, Iowa
Kevin Le Dang	Des Moines, Iowa	Amber Elizabeth Sawvell	Davenport, Iowa
Anthony Daniel Dote	Lake Zurich, Ill.	Brandon Jeffery Seals	Davenport, Iowa
Kolton Peter Durment	Kildeer, Ill.	John William Sheriff	Goodell, Iowa
** Brady P. Engelke	Plymouth, Minn.	Dalton Simonsen	Fairfax, Iowa
Josiah Joel Green	Litchfield, Minn.	Joseph Thomas Sopczyk	Prior Lake, Minn.
Amber Michelle Halbur	Ankeny, Iowa	Molly Marie Sopczyk	Prior Lake, Minn.
Yiwei He	Xi'An, China	Tanner Richard Spies	Vinton, Iowa
*** Andrina Natsuko Helgerson	Ottumwa, Iowa	Nicholas Jude Stenglein	Minneapolis, Minn.
Rachel M. Holt	Moline, Ill.	*** Brian J. Sukalski	St. Michael, Minn.
Adam Isaac Ivers	Leawood, Kans.	Haley Rae Swartz	Chicago, Ill.
** Taylor Jayde Kjeldgaard	Council Bluffs, Iowa	Blake M. Timm	Rogers, Minn.
Samantha Kay Koberg	Walcott, Iowa	** Jeffrey Alan Tschertter	Reinbeck, Iowa
Tyler James Koenen	Alden, Minn.	Isaac Nicholas Tuon	Johnston, Iowa
Bryson Daniel Kramer	Payson, Ill.	Jacob Michael Walker	Rogers, Minn.
Trent Lee Kreiss	Ainsworth, Iowa	Joshua David Wink	Maple Grove, Minn.
Alex Leust	Barrington, Ill.	Alexander Anthony Worman	Homewood, Ill.

Curriculum in Materials Engineering

Anthony Michael Abbate	Cary, Ill.	Tyler Raymond Guck	Woodbury, Minn.
Henry C. Ahrenholtz	Minnertonka, Minn.	Kate Frances Hakanson	Brooklyn Park, Minn.
Nicholas David Arnold	Winona, Minn.	* Kah Loong Hoh	Kuala Lumpur, Malaysia
Alex David Baller	North Liberty, Iowa	Chelsea Marie Kaliszewski	Rochester, Minn.
Tessa Rose Dall	Dike, Iowa	Caleb J. Klahs	Long Grove, Ill.
** Gilbert B. Echaes	Vernon Hills, Ill.	Sawyer P. Krotz	Walker, Iowa
Samuel Richard Fer	Davenport, Iowa	Peter John Leah	Palatine, Ill.

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

*** Rebecca Elaine Lehman	Mount Pleasant, Iowa	Ravi Shah	Glen Ellyn, Ill.
Ningran Meng	Shuozhou, China	Xingbang Zhao	Jinan, China
* Ana Gee Miller	Des Moines, Iowa		

Curriculum in Mechanical Engineering

Jimmy Kelechi Ahanobi	Bolingbrook, Ill.	Erika Lynn LaCoste Grefsheim	Andover, Minn.
Mohammed Mahmood Abdullah Al-Hinai	Ibri, Oman	* Margaret Katherine Grubb	New Milford, Conn.
Said Zahran Al-Kamyani	Nizwa, Oman	Ian Joseph Guthrie	Morton Grove, Ill.
Mohammed Erfan Alkatheeri	Al Ain, United Arab Emirates	Dustin Michael Hagemann	Minburn, Iowa
Nicholas Hansol Anastasi	White Bear Lake, Minn.	* Donald Wayne Hanna	Clive, Iowa
Arianna Mikayla Anderson	Charlotte, N.C.	Samuel Creighton Harms	Spirit Lake, Iowa
Jordan Davis Anderson	Algonquin, Ill.	** William Harry Harris	Eden Prairie, Minn.
Joseph Awase Asor	Nigeria	Colton Patrick Healy	Maple Grove, Minn.
Garrett Evan Atkinson	Coal Valley, Ill.	* Colin D. Helland	Rochester, Minn.
Jonathan D. Baumert	Omaha, Neb.	Max Holthaus Hendricks	Clive, Iowa
Joseph A. Beck	Burlington, Iowa	Patrick Turner Hennessey	St. Paul, Minn.
John Michael Becker	Sioux City, Iowa	Paul Daniel Hentges	New Prague, Minn.
* Nicholas Patrick Benz	Minnetonka, Minn.	Marcus Theodore Henze	Albion, Iowa
*** Matthew Steven Biederman	Osage, Iowa	Samuel M. Hipple	Davenport, Iowa
Adam Lukas Boldt	Iowa City, Iowa	* Jace James Holton	Waterloo, Iowa
Arthur C. Bootsmiller	Mount Vernon, Iowa	* Samuel Allen Honold	Coon Rapids, Iowa
Kyle Aaron Bouska	Hazleton, Iowa	Harlan C. Horst	Urbana, Iowa
Jace Alan Brandhorst	Cedar Falls, Iowa	*** Preston Gregory Hoye	Atlantic, Iowa
Brian William Brandstatt	Carol Stream, Ill.	Samuel O. Jakupciak	Afton, Minn.
† Thomas Jerome Burtnett	Algona, Iowa	* Nemeer Jaleel Padiyath	Dubai, United Arab Emirates
Elena Louise Camp	Lovettsville, Va.	* William Kieffer Jewell	Iowa City, Iowa
Benjamin Ray Carroll	Bagley, Iowa	Bryce Gavin Johnson	Geneseo, Ill.
Xinrong Chen	Wuxi, China	Connor Nash Johnson	Bloomington, Ill.
** Donald James Chenevert III	Atlanta, Ga.	Zachary A. Johnson	Omaha, Neb.
Weixuan Cheng	Shanghai, China	Adam Powell Jones	Bartlett, Ill.
Julius K. Chirchir	Geneseo, Ill.	Michael Chester Kapst	Park Ridge, Ill.
* Nicholas Paul Chizek	Clear Lake, Iowa	* Nicholas Eric Kearbey	Pleasant Hill, Iowa
Espen Martin Cleveland	Holland, Iowa	* Hunter Thomas Kelderman	Ottumwa, Iowa
Zachary J. Coleman	Iowa City, Iowa	Rachel Erin Kelly	St. Charles, Mo.
* Zachary C. Corbin	Plymouth, Minn.	Jia Heng Khor	Petaling Jaya, Malaysia
Abdelwadood Adil Daoud	Iowa City, Iowa	Sarosh Kiyani	Pakistan
Logan Marshall Davidson	Ankeny, Iowa	Alexander Matthew Kovac	Woodstock, Ill.
Clint James DeLarm	Le Mars, Iowa	Benjamin Richard Krumrei	Allen, Tex.
Kevin Patrick Dever	Elmhurst, Ill.	Jakub Kurpiewski	Naperville, Ill.
Jack H. Doyle	Bettendorf, Iowa	Colin Andrew Lapaczzonek	Bettendorf, Iowa
* Connor David Duffy	White Bear Lake, Minn.	*** Colton Keane Leal	Yutan, Neb.
** Erik William Dunteman	Big Rock, Ill.	Benjamin Jacob Levine	Mansfield, Mass.
Shane Kelan Dunteman	Elburn, Ill.	** Brenda Jie-Yie Liew	Kuala Lumpur, Malaysia
Davis Couture Eldridge	Eden Prairie, Minn.	Fei Shyuan Lim	Petaling Jaya, Malaysia
Emmitt Brodbeck Enyeart	Ames, Iowa	Michael Bryan Lindemann	Rosemount, Minn.
Rebecca Lee Fattes	Naperville, Ill.	Sean Ari Lindgren	McHenry, Ill.
* Zachary Joseph Ferkel	Moline, Ill.	Sauna A. Ling	Champlin, Minn.
** Nicholas Paul Feuerbach	Sycamore, Ill.	Mingzhe Liu	Ames, Iowa
*** Patrick Leo Fiedler	Ankeny, Iowa	Qing Liu	Suzhou, China
* Ryan Martin Finn	Hudson, Iowa	Nelson Lutakome	Ankeny, Iowa
Adam M. Formento	Libertyville, Ill.	* Andrew John Mallek	Clarendon Hills, Ill.
Justin Michael Franzen	Titonka, Iowa	Michael Kane McClurg	Plymouth, Minn.
Connor David Friedrichsen	Saline, Mich.	Alex James McCready	Ackley, Iowa
* Riley Payton Gallagher	Waukegan, Iowa	Joshua D. McPherson	Kansas City, Mo.
*** Kelvin Heng Kai Gan	Malaysia	Brian Keith Mercer	Davenport, Iowa
Scott Charles Garrett	Hawarden, Iowa	*** Jacob Todd Meyer	Waterloo, Iowa
James Xavier Glass II	Grayslake, Ill.	* Junyi Miao	Zhengzhou, China
Austin John Gould	Grafton, Wis.	Aaron Daniel Miller	Oxford, Iowa
Gavin Michael Graupman	Forest City, Mo.	Ethan Martin Moran	Johnston, Iowa
		Zachary Alan Morris	Oskaloosa, Iowa

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

* Sean Keller Mullen	Bettendorf, Iowa	** Jacob Oliver Smidt	Bettendorf, Iowa
Patrick Michael Murphy	Decorah, Iowa	Amadeus Soeroso	Surabaya, Indonesia
Jack Winchester Nelson	Eden Prairie, Minn.	Derek Ivan Solis	Sioux City, Iowa
* Hubert Yi Liang Ooi	Petaling Jaya, Malaysia	Jacob Spenner	Waukee, Iowa
Lionel Jean Gabriel Ouedraogo	Cedar Rapids, Iowa	Cullen Patrick Steinhauser	Plymouth, Minn.
Setu Sanjay Patel	Rochester, Minn.	* Aaron Thomas Still	Hudson, Wis.
* Nathaniel Allen Perk	Bettendorf, Iowa	Brady Alexander Suby	Ankeny, Iowa
* Emily Veronica Pikul	Downers Grove, Ill.	Justin L. Swetala	Richfield, Minn.
Colin Plouffe	Bettendorf, Iowa	Zaine Anton Talley	Marion, Iowa
Abraham J. Polonia Suarez	Carolina, Puerto Rico	Christopher John Ryan Taylor	Elmhurst, Ill.
Edward Ford Pszczolkowski	Hoffman Estates, Ill.	Stephen Robert Thomas	Ames, Iowa
*** William Puckett	Loves Park, Ill.	Nathan Alexander Thomes	Arlington, Minn.
** Mark Edward Putze	Moville, Iowa	Matthew Scott Thompson	Montezuma, Iowa
Matthew Stephen Quinn	Solon, Iowa	** Spencer Adam Tinker	Des Moines, Iowa
Matthew Wayne Rapnikas	Naperville, Ill.	Bennett Andrew Torrance	Bloomington, Minn.
Jeremiah Joel Reed	Otho, Iowa	*** Madeline Christine Turner	Marion, Iowa
Ean Jacob Renkel	West Des Moines, Iowa	Collin John Vondracek	Fairfax, Iowa
* Gretchen Denise Riemer	Wadsworth, Ill.	Trey Allyn Voves	Cedar Rapids, Iowa
** Chaden Howard Riles	Lake Mills, Iowa	Dillon Ross Waugh	Woodbury, Minn.
* Tanner Jordan Rons	Rosemount, Minn.	Andrew Thomas Weber	Eagan, Minn.
Michael S. Rose	Honey Creek, Iowa	Marina Weichmann	Peoria, Ill.
Wyatt Lee Sales	West Des Moines, Iowa	Jacob Rodney Weltz	Denison, Iowa
Zachary Alan Saylor	Treynor, Iowa	** Cal Vin Wong	Ulu Kinta, Malaysia
* Joshua Cletus Schmitz	Ankeny, Iowa	Christopher W. Wong	Kota Kinabalu, Malaysia
Samantha Christine Schulz	Modale, Iowa	Matthew D. Yoost	Chanhassen, Minn.
Joseph Paul Scott	Cary, Ill.	Michelle Nicole Young	Plano, Tex.
Chloe Serp	Omaha, Neb.	Yuebo Yu	Beijing, China
* Bradley Michael Sharapata	Kildeer, Ill.	Hongzheng Yuchi	Beijing, China
Zachary Ryan Shippy	Waterloo, Iowa		

Curriculum in Software Engineering

Hosam A. Abdeltawab	Cairo, Egypt	Thomas J. Kirby	Deerfield, Ill.
Emily Anne Anderson	Burnsville, Minn.	Ryan Michael Lawrence	Delhi, Iowa
Madeline Mae Andreassen	Cedar Falls, Iowa	Derrick John Lockwood	Eagan, Minn.
* Joshua Henry Blanck	Cedar Rapids, Iowa	* Ramchandra Luitel	Coralville, Iowa
Khoa Huy Bui	Des Moines, Iowa	*** Joel Aaron May	Vancouver, Wash.
Matthew Alan Burket	Grimes, Iowa	Tyler Wesley McAnally	Newton, Iowa
* Christian Chiang	Barquisimeto, Venezuela	Ryan Michael McCullough	West Des Moines, Iowa
Thomas Charles Devens	St. Ansgar, Iowa	* Alex A. Mortimer	Lone Rock, Wis.
*** John William Fleiner	Austin, Minn.	Jack Hayden Murphy	Charlotte, Iowa
Jennifer Nicole Frank	Marion, Iowa	Alan Trinidad Negrete	Storm Lake, Iowa
** Casey Joseph Gehling	Carroll, Iowa	Zachary S. Newton	Minneapolis, Minn.
Josua Ian Gonzales-Neal	Tomball, Tex.	Connor J. Ruggles	Bondurant, Iowa
Nathan Matthew Hanson	Ames, Iowa	Carter A. Scheve	Palatine, Ill.
Trevor Lee Henderson	Centerville, Iowa	Thomas A. Stackhouse	Muscatine, Iowa
* John T. Ingwersen	Cedar Rapids, Iowa	Austin R. Sudtelgte	Le Mars, Iowa
Ian Robert Jamieson	Overland Park, Kans.	Caleb A. Utesch	Ames, Iowa
Faizul Jasmi	Selangor, Malaysia	Jess Michael Walters	Peosta, Iowa
Andrew Arden Jones	Harlan, Iowa	* Tarek Bin Ziad Yacoub	Mason City, Iowa
Evan John Kammermeier	West Des Moines, Iowa		
Austin David Kerr	Johnston, Iowa		

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

Multiple Curricula and Majors

Eric Paul Bishop *Excelsior, Minn.*
Computer Engineering and Liberal Arts and
Sciences: Major in World Languages and Cultures
(Spanish)

Ryan James Harter *Des Moines, Iowa*
Civil Engineering and Liberal Arts and Sciences:
Major in World Languages and Cultures
(Spanish)

**** Kara Ann Korthals** *Bondurant, Iowa*
Civil Engineering and International Studies

***† Jeremy Dennis Rurup** *Titonka, Iowa*
Mechanical Engineering and Liberal Arts and
Sciences: Major in Mathematics

Amar Srivastava *Cedar Rapids, Iowa*
Chemical Engineering and Liberal Arts and
Sciences: Major in Mathematics

*****† Matthew David Swift** *Cortlandt Manor, N.Y.*
Materials Engineering and Liberal Arts and
Sciences: Major in Physics

* *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

Ellie Marie Bengtson	Chariton, Iowa	Sydney Marie Nielsen	Imogene, Iowa
Brea Lee Bockelmann	Smithland, Iowa	* Courtney Joy Nikkel	Pella, Iowa
Devan E. Bridson	Princeville, Ill.	* Sadie Fae Petersen	Schleswig, Iowa
** Samantha Lee Fitzgerald	Des Moines, Iowa	Kelsey Inez Sadler	Cascade, Iowa
Carina Lynn Hand	Burlington, Iowa	* Carolyn Jeannette Schar	Aurora, Ill.
Caleb LeRoy Hanner	Hornick, Iowa	Serena K. Schmidt	Floyd, Iowa
** Piper C. Head	Arlington, Tex.	*** Samantha S. Shirazi	Iowa City, Iowa
** Jessica Christine Helberg	Cedar Rapids, Iowa	* Carolyn Jean Simon	Cedar Rapids, Iowa
* Grace Olivia Horak	Dallas Center, Iowa	Bryannah Elizabeth Slate	Homer Glen, Ill.
**† Kelsie Rose Leathers	Kansas City, Mo.	Olivia Christine Thomas	Huxley, Iowa
** Jaiqi Lee	Kuching Sarawak, Malaysia	* Olivia Ray Waschkat	Waterloo, Iowa
Allison Ann Levis	West Des Moines, Iowa	Alexis Marie Wozniak	Trout Valley, Ill.
Lydia Abigail Loya	Springfield, Mo.	*** Jennifer A. Zoutte	Altoona, Iowa
Dyamond May	Beach Park, Ill.		

Curriculum in Child, Adult, and Family Services

Leah Elizabeth Ann Alexander	Nevada, Iowa	Wendy Morales	Des Moines, Iowa
** Olivia Isabel Burzette	Des Moines, Iowa	Mckenna Marie Mumm	Cedar Rapids, Iowa
Natalie Marie Carlon	Council Bluffs, Iowa	Grace Anna Nelson	Geneva, Ill.
Hannah A. Dinnis	Chanhausen, Minn.	Claire Marie Opperman	St. Paul, Minn.
Karagan Fisher	Nashua, Iowa	* Kristian Anna Peterson	Lone Rock, Iowa
Jacqueline Noemi Gonzalez	Perry, Iowa	Madison Laurynn Polley	Carlisle, Iowa
Rebecca Jean Harding	West Des Moines, Iowa	Kaitlyn Ann Sheesley	Des Moines, Iowa
Ashley Mae Hirt	Glenwood, Iowa	Mikayla A. Sherman	Cedar Rapids, Iowa
Alexis Blair Lawson	Ames, Iowa	** Sydney Marylynn Swanson	Pella, Iowa
** Amanda Ashley Maki	Dallas, Tex.	Samantha J. Tetteh	Hartley, Iowa
Paige Elizabeth Mechura	Boone, Iowa		

Curriculum in Culinary Food Science

Taylor Jean Dulaney Colo, Iowa

Curriculum in Dietetics

Michelle Marie Aderhold	Ames, Iowa	Melissa Martensen	Plainfield, Ill.
Sarah Elizabeth Jerome	Urbandale, Iowa	Sarah Kate Menzel	Des Moines, Iowa
Nicole Jean Kenne	Algona, Iowa	Jonnee Jocelyn Sulzberger	Muscatine, Iowa

Curriculum in Early Childhood Education

* Rachel Elizabeth Ericksen	Apple Valley, Minn.	*** Nicole Anne Marg	River Falls, Wis.
** Bethany M. Gibson	Homestead, Iowa	*** Sarah Ellen Mesenbrink	Ames, Iowa
Brittan Aileen Gillis	Eden Prairie, Minn.	*** Rachel Maureen Mebus Nuhn	Cedar Falls, Iowa
Christina Mckenzie Golka	Tampa, Fla.	Mackenzie Paige Paris	Boone, Iowa
Alisyn Michele Kallsen	Spirit Lake, Iowa	Mariah Jo Wright	Huxley, Iowa

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

Curriculum in Elementary Education

** Sarah Emily Amhof	Fort Dodge, Iowa	** Erica Kristine Johnson	Dakota Dunes, S. Dak.
Sara Marie Bebernes	Milan, Ill.	** Emily Kay Kacer	West Des Moines, Iowa
** Alexandra Marie Bennett	Norwalk, Iowa	Kailee Ann Keltner	Story City, Iowa
Olivia Feyline Bigbee	Williamsburg, Iowa	Natalie Kay Knobloch	Cresco, Iowa
** Hayley Rae Blok	Ankeny, Iowa	** Molli Gene Koehler	Mason City, Iowa
** Meghan Beth Brandon	Ames, Iowa	Samantha Suzanne Kolf	Cedar Rapids, Iowa
** Sarah Willa Brangoccio	Booneville, Iowa	Ellen J. Koster	Ankeny, Iowa
Alex John Brimeyer	Davenport, Iowa	Ashley Ann McClary	Malvern, Iowa
Anna Claire Buman	Harlan, Iowa	** Rebecca Jean Mixan	Glenwood, Iowa
* Molly Ann Clasing	Ruthven, Iowa	* Claire Patrice Morgan	West Des Moines, Iowa
Cierra Destiny Clayton	Creston, Iowa	Kaylee Sue Naber	Independence, Iowa
** Courtney Ann Clevenger	Davenport, Iowa	*** Melanie Suzanne Nesbitt	Pocahontas, Iowa
Elizabeth K. Culliton	Davenport, Iowa	Gabrielle Rae Nolasco	Dunlap, Ill.
Morgan Elizabeth Delaney	Robins, Iowa	* Lindy Ann Peterson	Huxley, Iowa
** Alyssa Renee Derks	Omaha, Neb.	Anna Marie Phillips	Agency, Iowa
** Hannah L. Downey	Johnston, Iowa	*** Taylor Diana Pulliam	Des Moines, Iowa
Madison Elizabeth Faber	Clear Lake, Iowa	Sydnee Lynn Reid	Dupont, Wash.
Stephen Glenn Folkerts	Van Meter, Iowa	* Cheyenne Nicole Rhoades	Stanley, Iowa
** Elena Ruth Foster	Iowa City, Iowa	** Macayla Lyn Ringler	Altoona, Iowa
*** Rachel Lynn Freeland	Dallas Center, Iowa	** Katherine Lorraine Roberts	St. Michael, Minn.
Sariah Amairan Garrido	Muscatine, Iowa	Caitlin Amanda Salazar	Alton, Iowa
Tracy Lee Graves	Burr Ridge, Ill.	*** Ana Schmitt	Dubuque, Iowa
Hanna Kathleen Groepper	Des Moines, Iowa	Brooke Ashley Stever	Fairfield, Iowa
* Shealynn K. Gunther	Dubuque, Iowa	Will Henry Strong	Indianola, Iowa
** Bailey Jean Hare	Ida Grove, Iowa	Camille Roberta Tewes	Albert Lea, Minn.
* Jamie Marie Harmon	Fort Dodge, Iowa	Kelsie Joy Vertanen	Ames, Iowa
Jennifer Lynn Havens	Lake Park, Fla.	Brianna C. Weilbacher	Columbia, Ill.
Amanda Lyn Helt	Sioux City, Iowa	Emily Amend Wiese	Des Moines, Iowa
** Logan Thomas Hemphill	Atlantic, Iowa	Mallory J. Wilson	West Des Moines, Iowa
Ashley Ann Holloway	Marshalltown, Iowa	* Josie Lynn Wyrick	Boone, Iowa
Madeline Ruth Jameson	Waukee, Iowa	* Casey Rae Yori	Ames, Iowa
*** Jenna Carlye Jamison	Ames, Iowa	Rachel Catherine Zwick	Ogden, Iowa
* Hallie Marie Jarnagin	Grimes, Iowa		

Curriculum in Event Management

** Ariel Macayla Aarness	Andover, Minn.	** Megan Michele Greenlee	Rockford, Ill.
Megan Lynn Bailey	Charles City, Iowa	Audry Marie Hammes	Batavia, Iowa
Alexandra Tomesa Baltes	Hampton, Iowa	Alexandria Marie Haney	West Des Moines, Iowa
Lauren Alexandria Banwart	Ames, Iowa	Addison Kathleen Long	Cedar Falls, Iowa
Jonathan David Chicken	Waukee, Iowa	Allie Marie Mengler	Walcott, Iowa
Jessica Lyn Cipolla	Lindenhurst, Ill.	Allison Marie Moore	Norwalk, Iowa
Mackenzie Maree Coberley	Nevada, Iowa	* Anna Elizabeth Randleman	Franklin, Wis.
** Mary Katherine Coy	Ankeny, Iowa	Mandee Jo Sampson	Sioux City, Iowa
* Megan J. Garber	What Cheer, Iowa	* Jaycee A. Smith	Albia, Iowa
Kaitlyn Elizabeth Gibbs	Cedar Rapids, Iowa	Derrik Richard Wallace	Muscatine, Iowa
Riley Victoria Graham	West Des Moines, Iowa	Anna Rene Wisnieski	Clive, Iowa

Curriculum in Family and Consumer Sciences Education and Studies

** Emily Ann Bormann	West Bend, Iowa	** Tiffany Louise Speake	Maxwell, Iowa
Kaitlynn Nicole Botkin	Knoxville, Iowa	Madison Faye Walker	Waverly, Iowa
Taylor A. Heyman	Northbrook, Ill.	** Rebecca Lanae Wallace	Bussey, Iowa
Kylie Blair Krueger	Urbandale, Iowa	* Katie Kristine Walrod	Moorland, Iowa

Curriculum in Financial Counseling and Planning

Rylee DeAnne Cahill	Huxley, Iowa	*** Sergio Torres Jr.	Newell, Iowa
** Kevin Patrick Murphy	Sheldon, Iowa		

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

Curriculum in Hospitality Management

Wei Chen	Changzhou, China	Daniel Patrick Dolehide	Elburn, Ill.
* Ming Cheng	Rizhao, China	Lauren Taylor Skinner	Des Moines, Iowa
Michaela Lynn Corkery	Manchester, Iowa		

Curriculum in Kinesiology and Health

Jose Eduardo Amaya Cisneros	Des Moines, Iowa	Austin Thomas Lear	Council Bluffs, Iowa
Morgan E. Ames	Klemme, Iowa	Miguel Limon	Vernon Hills, Ill.
Joshua James Arens	Fredericksburg, Iowa	Alejandro Martinez	Tama, Iowa
** Kara Marie Cipperley	Des Moines, Iowa	Abigail Mary Medenblik	Muskego, Wis.
Keegan Bartholomew Cook	Anchorage, Alaska	Joyce Mercado	Belvidere, Ill.
Spencer Scott Derifield	Denver, Iowa	Shannon Kay Middleswart	Urbandale, Iowa
Nicole Bernadette Dix	Savage, Minn.	Samantha Rae Moran	Hamburg, Iowa
Haleigh Elizabeth Dolder	Clare, Iowa	Mitchel Cody Motsinger	Glen Ellyn, Ill.
Shannon Blue Ellman	Fort Worth, Tex.	Quintin Joseph Nagel	Waukeee, Iowa
MacKenzie E. Erwine	Urbandale, Iowa	Christian A. Nelson	Pierce, Colo.
Brendan Allen Foughty	Orange City, Iowa	** Naomi Fae Petrich	Calumet, Iowa
Sawyer Dean Frideres	Algona, Iowa	Brayden Kale Roth	Mount Pleasant, Iowa
Keesha C. N. Gaines	Des Moines, Iowa	Danny Saetia	Port Barrington, Ill.
Justin Daniel Green	Swisher, Iowa	Tyler Jordan Schmidt	Ankeny, Iowa
Ryan Alan Green	Roseville, Minn.	Kristina Nickole Schwartz	Riverton, Iowa
Morgan Elizabeth Harwood	Gilbert, Iowa	Shelby Lee Shaffer	West Des Moines, Iowa
Jessica Renee Heimbaugh	Gilbert, Iowa	Susanna Lois Stageberg	Clive, Iowa
Samantha Paige Heston	Liberty, Mo.	Elizabeth G. Sterenberg	Boone, Iowa
Audrianna J. Higginbotham	Neola, Iowa	Michael Robert Thompson	Evansdale, Iowa
Brittany Noelle Holzbach	White Bear Lake, Minn.	Emma Caroline Turek	Ankeny, Iowa
Brittany Marie Hovendick	Fremont, Neb.	*** Victoria Noelle Vollema	Holland, Iowa
** Kaeleen D'Anne Jenkins	Stratford, Iowa	Taylor De'Jean Williams	Des Moines, Iowa
Evan David Johnson	Apple Valley, Minn.	Seth Aaron Myer Willis	Woodbine, Iowa
Luke Joseph Kliegl	Holstein, Iowa		

Curriculum in Nutritional Science

* Linyun Du	Guiyang, China	*† LuJing L. Johnson	Minnetonka, Minn.
Kayla Allison Garrett	Marion, Iowa		

Multiple Curricula and Majors

Aubrie Crivaro	Des Moines, Iowa	* Alexandra Scekcic	Wilmette, Ill.
Apparel, Merchandising, and Design and Business: Major in Marketing		Child, Adult, and Family Services and Financial Counseling and Planning	
* Noel Christine Reilly	Bettendorf, Iowa		
Event Management and Hospitality Management			

* 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

Alejandro I. Amoa	Gurnee, Ill.	Logan B. Floyd	West Des Moines, Iowa
Austin A. Biegger	Clive, Iowa	Jack Mayhew Garcia	Apple Valley, Minn.
Matthew Shane Bolan	Grand Island, Neb.	Kendra Elizabeth Gronseth	Spicer, Minn.
Arielene Chi Chen	Ames, Iowa	Nathan Raymond Hesterman	Oak Park, Ill.
Brooke Nicole Corcoran	Mason City, Iowa	Julia Ann Lutz	Milwaukee, Wis.
Bridget Anne Degnan	Grimes, Iowa	Xiayang Zheng	Zhengzhou, China
Kara Ann DeVenney	Marshalltown, Iowa		

Major in Biological/Pre-Medical Illustration

Olivia Kay De Kok	Sheldon, Iowa	Marli Allyn Markovitz	Wayne, Pa.
*** Kurt Stephen Esenwein	Harrisburg, N.C.	* Rebecca A. Schippers	Monroe, Iowa

Major in Chemistry

Jason A. Grabe	Walford, Iowa	Chase Edward Webb	Ankeny, Iowa
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Major in Communication Studies

Christopher M. Francis	Dubuque, Iowa	Katharina Belle Rinehart	Sioux Rapids, Iowa
Danielle Nicole Hale	Manning, Iowa	Rachel Ann Rush	Des Moines, Iowa
Abigail M. Hallman	Urbandale, Iowa	De'Monte Marquise Ruth	Dallas, Tex.
Rachel Marie Hecker	Council Bluffs, Iowa	* Daniel James Stensland	Waverly, Iowa
*** RaeAnn Lynn Hiscocks	Algona, Iowa	Thomas J. Thomason	Wauconda, Ill.
Denver J. Johnson	Oklahoma City, Okla.	Jessica Ann Ulve	Manly, Iowa
Courtney Sue Ashten Kelderman	Ottumwa, Iowa	Michael Antonio Warren	Lawton, Okla.
Clifford Kwaw-Mensah	Ames, Iowa	Noah Steven Welter	Atlantic, Iowa
Ellis Laird McBrayer	Cedar Rapids, Iowa	Emma Kate Whalen	Pilot Mound, Iowa
Thomas David Montgomery	Keokuk, Iowa	Cody Raymond Wirth	Thompson, Iowa
Carter Jeffery Niehaus	Lake View, Iowa		

Major in Criminal Justice Studies

** Haley Rae Beckner	Evansdale, Iowa	Jose Angel Marquez	Des Moines, Iowa
Christopher Daniel Brown	Ankeny, Iowa	Mason Allen McCauley	Center Point, Iowa
Mallory Jean Davis	Adel, Iowa	Dylan David McDaniel	Iowa Falls, Iowa
Anna Christine Ernst	Fort Collins, Colo.	*** Darius Michael O'Tool	Coon Rapids, Iowa
Mary Elizabeth Feldmann	Hopkinton, Iowa	Nicole Kay Schaefer	Boone, Iowa
Dakota Cordel Gilleland	Des Moines, Iowa	Colton Lee Schwenke	Sigourney, Iowa
Nicholas Hartman	Stillman Valley, Ill.	Jordan Lynn Theobald	Mason City, Iowa
* Mollie Rene Hengel	Eden Prairie, Minn.	Jalen Elliott Townsell	Grimes, Iowa
Paige Nicole Jungweber	Cedar Falls, Iowa	** Michael Christian Wilson	Kirkwood, Mo.
Christopher Lloyd Kickbush	Waukee, Iowa		

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Major in English

* Olivia Brandenburg Lisa A. Bransfield	Pleasant Hill, Iowa Lake Mills, Iowa	* Dylan Matthew Heacock Michaela Jenkins	Dubuque, Iowa Palmdale, Calif.
* Makayla Sue Bulmer	Sully, Iowa	Morgan Mary Kelly	Geneseo, Ill.
*** Emily Nicole Dux	Pella, Iowa	McKenna Leigh LeClere	West Des Moines, Iowa
* Brooke Lee Flathers Rachel Louise Francis	Treynor, Iowa Britt, Iowa	*** Audrey Marie Muehlebach	Prairie Village, Kans.
† Ruth Frances Grace Mollie K. Greenwood	Iowa City, Iowa Johnston, Iowa	*† Kaitlin Abigail Peterson	Ankeny, Iowa
Elizabeth Lee Grothe	Blaine, Minn.	Kyle Francis Schares	Johnston, Iowa
** Ashley Sue Hannen	Hiawatha, Iowa	Christine Gale Simonsen	Runnells, Iowa
		Kibben Lynette Young	Spencer, Iowa

Major in History

** Moriah Lea Roeth Muscatine, Iowa

Major in Interdisciplinary Studies (Criminology and Criminal Justice)

David H. Schumacher Ankeny, Iowa Benjamin Michael Walburg Denton, Tex.

Major in Linguistics

** Madison Riley Hall Prole, Iowa Rachel Ann McDermott Dubuque, Iowa

Major in Music

Mathew Allen Hoskins Storm Lake, Iowa Ellen Bernice Justis Bettendorf, Iowa
Carly Jo Ites Spirit Lake, Iowa

Major in Performing Arts

Christopher P. Culver Cedar Rapids, Iowa

Major in Philosophy

** Colin Liu Campbell Houghton, Mich. Austin Jeffery Lee La Porte City, Iowa
** Madison Riley Hall Prole, Iowa

Major in Political Science

Natalie Elizabeth Bidner Champaign, Ill. * Paul Lubberstedt Ames, Iowa
Ryan Leland Crew Spencer, Iowa * Riley Kirk Noble Johnston, Iowa
** Jacob Lee Donahue Adel, Iowa Shelby Lynn Parmenter Quincy, Ill.
Brittany Corrine Gaura Davenport, Iowa * Hannah Lauren Scott Cedar Rapids, Iowa
Eric David Howe Ankeny, Iowa ** Zoey Nicole Shipley Dayton, Iowa
* Morgan Elizabeth Jensen St. Louis, Mo. Ezekiel Steven Walker Muscatine, Iowa

Major in Psychology

Anthony Joesph Else Des Moines, Iowa Lucy Christina Shirley Altoona, Iowa
Lauren Kimberly Evans Ames, Iowa ** Sydney Marylynn Swanson Pella, Iowa
Izabel Marie Favella Palatine, Ill. Keya Sylvester Mason City, Iowa
Lauren Hai-Qing Frederick West Des Moines, Iowa Kennydi Laiun Washington Chicago, Ill.
Lilly Elizabeth Lomica Alleman, Iowa * See Hwi Yeoh Kuala Lumpur, Malaysia
* Tanner J. Messerli Nevada, Iowa * Sheng Zhu Shanghai, China
Amanda Christine Norton Shakopee, Minn.
* Hali Danielle Pellatz Grimes, Iowa
Amanda Lynne Runyan Boone, Iowa

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

Major in Sociology

Lucas Jon Heaverlo
Morgan Christine Lindahl
Abraham Michael Stauber

Norwalk, Iowa
Boone, Iowa
Chaska, Minn.

David Sydnor
Daniel Eric Tacconi
Brad Wiesenmayer

Schaller, Iowa
Marshalltown, Iowa
Palatine, Ill.

Major in Speech Communication

Mikayla Marie Osman
Des Moines, Iowa

William Michael Tippit
Fairview Heights, Ill.

Major in World Languages and Cultures (Spanish)

Ivy Michelle Spitzer
Clarence, Iowa

Multiple Curricula and Majors

Taylor Ashley Ameri
Criminal Justice Studies and Sociology

Naperville, Ill.

Alaina Elizabeth Hedrick
Psychology and Advertising

Ames, Iowa

** Katherine Noelle Anderson
English and Technical Communication

Dubuque, Iowa

Hanne Margiti Henderson
Psychology and Interdisciplinary Studies
(Criminology and Criminal Justice)

Mansfield, Tex.

John Harrison Bardsley
Speech Communication and World Languages
and Cultures (German)

Palo, Iowa

Logan Dean Hull
Interdisciplinary Studies (Criminology and
Criminal Justice) and Sociology and Political
Science

Boone, Iowa

Carlos Doncel Black
Advertising and World Languages and Cultures
(Spanish)

Cedar Falls, Iowa

Cooper Alexander Martin
Advertising and International Studies

Marion, Iowa

** Ashlyn Jayne Breckenridge
Interdisciplinary Studies (Criminology and
Criminal Justice) and Psychology

Monroe, Iowa

Alexis Clare Peter
Psychology and Criminal Justice Studies

Waterloo, Iowa

** Mackenzie Leigh Brees
Sociology and Interdisciplinary Studies
(Criminology and Criminal Justice)

Urbandale, Iowa

Abigail Lee Piero
World Languages and Cultures (French) and
International Studies

Overland Park, Kans.

Joshua Steven Freeman
Interdisciplinary Studies (Criminology and
Criminal Justice) and Psychology

West Des Moines, Iowa

** Bailey Jaed Douglas Simpson
Communication Studies and Sociology

Osage, Iowa

Kylie Parker Goldberg
Psychology and Sociology

Cedar Rapids, Iowa

Grace Marie Spear
Linguistics and Criminal Justice Studies

Cannon Falls, Minn.

* Benjamin Reuben Hartwell
Criminal Justice Studies and Sociology and
Political Science

Greenwood, Neb.

James John Theobald
Political Science and Interdisciplinary Studies
(Criminology and Criminal Justice)

Clear Lake, Iowa

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

BACHELOR OF LIBERAL STUDIES

Major in Liberal Studies

Mathew L. Bergmann	Ames, Iowa	Derick Arthur Okware	Kampala, Uganda
Britney Leigh Brown	Des Moines, Iowa	Sean Derek Olson	Muscatine, Iowa
Richelle Marie Caslavka	Martville, N.Y.	Kimberly Anne Perkins	Cedar Rapids, Iowa
Olivia Coralee Joyce Conrad	Lamoni, Iowa	Jennita Aul Peter	Cheras, Malaysia
Matthew Theartris Eaton II	Chula Vista, Calif.	** Elizabeth Ann Reesink	Muscatine, Iowa
Roisin Shannon Empey	Ankeny, Iowa	Adam Thomas Reineke	Kirkland, Wash.
Lazard Grace	London, England	Laura Christine Schmitt	Clive, Iowa
Kassandra Rose Griggs	Knoxville, Iowa	Markell A. Sylvain	Chicago, Ill.
Nolan Mathew Herlocker	Cedar Rapids, Iowa	Samantha Lynn Tounsley	Elkhart, Iowa
Cory Alan Jury	Ankeny, Iowa	Nathan Lee Unger	Mendota, Ill.
Kelly Renee Koch	Waukee, Iowa	Hannah Joan Wailes	Boone, Iowa
Bryan Allen Larson	Waukee, Iowa	Nicholas William Webb	Anoka, Minn.
Joseph Thomas Luft	Ida Grove, Iowa	Jennifer Anne Weiler	Latimer, Iowa
Ashley A. Mace	Council Bluffs, Iowa	Mary Wilcox	Charter Oak, Iowa
Blake Charles Miller	Denison, Iowa	Jia Yin	Chengdu, China
Catherine Michelle Miller	West Des Moines, Iowa		

BACHELOR OF MUSIC

Major in Music

David Bowles Edwards	Bettendorf, Iowa	*** Bethany Schultz	Urbandale, Iowa
Rachel Dingel	Knoxville, Iowa	* Grace Zihlman	Carlisle, Iowa
Mathew Hoskins	Storm Lake, Iowa		

BACHELOR OF SCIENCE

Major in Anthropology

Renee Lynn Anderson	Bloomington, Minn.	Alexandra Roberta Marcell	Glendale Heights, Ill.
Christine N. Cate	Fort Calhoun, Neb.		

Major in Biochemistry

** Anthony Thomas Coluzzi	Naperville, Ill.	Clayton James Keller	Tipton, Iowa
Aaron Miles Deisinger	Shoreview, Minn.	Naing N. Kiss	Des Moines, Iowa
Sophie Anietie Effiong	Abuja, Nigeria	Ian Bradley Schwartz	Oconomowoc, Wis.
Christopher Lee Fritz	Shellsburg, Iowa	Chu Yun Teo	Melaka, Malaysia
Drew James Holthaus	Denver, Colo.	Gregory Michael Watson	Ames, Iowa
Konner Jon Kacmarynski	Marshalltown, Iowa		

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

Major in Biology

Tanya Y. Cornejo	Muscatine, Iowa	Abigail Marie Jackson	Burlington, Iowa
Madison Nicole Dlouhy	Newton, Iowa	Christopher Lee	Eagan, Minn.
Kaitlin Paige Einertson	Stewartville, Minn.	*** Jamie Jye-Mei Liu	Iowa City, Iowa
Luke James Ellias	Kettering, Ohio	Natalie Danielle McLain	St. Charles, Iowa
Rylie Danielle Frese	Cedar Rapids, Iowa	** Alexander Lee O'Connor	Overland Park, Kans.
Madison Rae Gatliff	West Des Moines, Iowa	Nicholas C. Poznanski	Sioux City, Iowa
Abigail Phyllis George	Honey Creek, Iowa	Erin Jo Ruden	Fort Dodge, Iowa
David R. Hall	Johnston, Iowa	Preston C. Vandenberg	Ankeny, Iowa
Savannah M. Halstead	Newhall, Iowa	Ashlyn N. Welder	Boone, Iowa
Brandon Lee Hardy	Woodbine, Iowa		

Major in Chemistry

Katelyn Josephine Baumler	Mount Vernon, Iowa	Jacqueline Jenelee Sijore	Kuching, Malaysia
** Andres Garcia Alejo	Bogota, Colombia	Charles Joseph Ward	Peoria Heights, Ill.
** Zachary M. Robole	Burnsville, Minn.	Jiashu Wu	Hangzhou, China
Farid Chabi Seidou Baguri	Benin, West Africa		

Major in Computer Science

Bradley James Boswell	Morton, Ill.	Christian L. Lucht	Des Moines, Iowa
Shane Paul Drafahl	Grinnell, Iowa	Harry James Mitchell	Coralville, Iowa
Ryan Isaiah Evans	Johnston, Iowa	Michael W. Moreton	Lisle, Ill.
Tyler Joseph Fenton	Urbandale, Iowa	** Tumsa Nur Musa	Des Moines, Iowa
Daniel J. Gallegos	Grayslake, Ill.	John Joonghyun-Godinho Park	Seoul, South Korea
Chris Garrison	Spencer, Iowa	* Joel David Schwartz	Frankfort, Ill.
Alexander Louis Giokas	Naperville, Ill.	Daniel Shekari	Pearland, Tex.
** Benjamin Thomas Hendel	West Des Moines, Iowa	***† Matthew Charles Slane	Apple Valley, Minn.
** Stephanie Ann Hingtgen	Iowa City, Iowa	Timothe Richard Smith	Naperville, Ill.
Mitchell Douglas Johnson	Stillwater, Minn.	Jia Han Tan	Klang, Malaysia
Kyle Joseph Kempt	Massillon, Ohio	Vincent Gregg Waters	Hudson, Iowa
Zachary Garrett Knoll	Urbandale, Iowa	Phillip Edward Weber	Eagan, Minn.
*** Mac Y. Liu	Omaha, Neb.	Haolun Wu	Hefei, China
* Paul Lubberstedt	Ames, Iowa	George I. Zachariades	Ankeny, Iowa

Major in Economics

* Austin J. Berberich	Henry, Ill.	Joshua Nishad Limaye	Marion, Iowa
Rosemary J. Bruce	Kansas City, Mo.	Barak Dov Luban	Ames, Iowa
Jack Joseph Callahan	Rockton, Ill.	Zane Charles Taylor	Council Bluffs, Iowa
Edward Chooi	Penang, Malaysia		

Major in Environmental Science

Payton Cole Kalambokidis	Glenwood, Iowa
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Major in Genetics

* Courtney Huerter	Shawnee, Kans.	Kenna Christine McKeighan	Council Bluffs, Iowa
* Emily Marie Marison	Lake Villa, Ill.		

Major in Geology

Salem Al Salem	Saudi Arabia	Garrett David Crews	Lake St. Louis, Mo.
Alanoud Mansour Alkhamis	Houston, Tex.	Noah Norman Huftalin	Malta, Ill.
Nathan Daniel Bear	Humboldt, Iowa	Cindy T. Nguyen	Des Moines, Iowa
Austin A. Castillo-Leovan	Des Moines, Iowa		

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

Major in History

Alexandra Catherine Adams	Ames, Iowa	Jacob Scott Nelson	Sioux City, Iowa
Emelia Pearl Belding	Ames, Iowa	Connor Bradley Nolan	Clinton, Iowa
Orlando Albert Brewer II	Altoona, Iowa	Matthew Norris	Ames, Iowa
Kevin Ray Cunningham Jr.	Petaluma, Calif.	Jordan Richard Schwery	Earling, Iowa
* Harrison Marc Daubitz	Cedar Rapids, Iowa	Christopher Severson	Shoreview, Minn.
* Anthony David Geisler	Riverdale, Iowa	Adam Rush Shipley	West Des Moines, Iowa
** Konnor Michael Gifford	Granger, Iowa	Riley Crees Thompson	Maple Grove, Minn.
Marcus Ronald Johnson	Norwalk, Iowa	Joseph Paul Tompulis	Bolingbrook, Ill.

Major in Journalism and Mass Communication

* Courtney E. Carstens	Holstein, Iowa	Xuwen Liu	Nanjing, China
Jacqueline Cordova Loya	Colfax, Iowa	Travis Michael Morgan	Muscatine, Iowa
** Annie Joyce Edelman	Clive, Iowa	Jordyn Sandra Prince	Buffalo, Minn.
** Sarah Elizabeth Feehan	Peoria, Ill.	Robert Joseph Temple III	Peoria Heights, Ill.
** Erin Nicole Freeman	Downey, Calif.	* Lexie Rene Troutman	Dyersville, Iowa
Ryan Walter Hinrichs	Nevada, Iowa	** Zach Lee Williamson	Council Bluffs, Iowa
Mitchell Aaron LaFrance	Apple Valley, Minn.		

Major in Mathematics

Madison Wyatt Beenken	Grundy Center, Iowa	Daniel B. Kottenstette	Solon, Iowa
*** Harry Alexander Crane	Des Moines, Iowa	Anna Claire Mulder	Adair, Iowa
Alexander Louis Giokas	Naperville, Ill.	* Christopher John Reasoner	Iowa City, Iowa
An Nhac Binh Ha	Sioux City, Iowa	***† Aimee M. Rodin	Clive, Iowa
** Benjamin Thomas Hendel	West Des Moines, Iowa	***† Matthew Charles Slane	Apple Valley, Minn.
Patrick Joseph Hummer	Ames, Iowa	Yijin Wang	Beijing, China
Jake T. Iverson	Clear Lake, Iowa		

Major in Meteorology

Scott William Feldman	Buffalo Grove, Ill.	Zachary Michael Swenson	Ames, Iowa
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Major in Physics

Andrew Joseph Eaton	Clive, Iowa	Jacob Brian Haley	Manly, Iowa
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Major in Psychology

Cynthia Janine Albert	Marshalltown, Iowa	** Ivana Lakić	Altoona, Iowa
Elizabeth Ayard	Waterloo, Iowa	Timothy Brandon Lay	Polk City, Iowa
Zoe E. Bardin	Flower Mound, Tex.	*** Ye-Lim Lim	Busan, South Korea
** Kaylee Veronica Becker	Oelwein, Iowa	Daniel Z. McVey	West Des Moines, Iowa
** Sarah Sue Buckner	Fontanelle, Iowa	Adaiana Reennaa Tennille Myles	Aurora, Colo.
Lauren Dee Caseley	West Des Moines, Iowa	Kara L. Niles	Sioux City, Iowa
Hao Chen	Beijing, China	Rielly Hanna Ocheltree	Casey, Iowa
Xin Yueh Choo	Petaling Jaya, Malaysia	Miriam Lorena Raveling	Marshalltown, Iowa
* Hawa Dindin Conteh	Collindgadle, Pa.	Darian Rachelle Short	Osceola, Iowa
Thomas E. Corcoran	Paullina, Iowa	Yijin Wang	Beijing, China
Mallory Jean Davis	Adel, Iowa	Hannah Jane Wohlers	Charles City, Iowa
Alexis Bree Fry	Des Moines, Iowa		
Hailey Ann Hadtrath	Maple Grove, Minn.		
** Lillian Adell Jergens	Marion, Iowa		
* Morgan Scott Kimpson	Griswold, Iowa		

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

Major in Public Relations

Jenna Gretchen Bump	Panora, Iowa	Mallory Scallon	St. Paul, Minn.
* Josie Andrae Chesmore	Center Point, Iowa	Skye Ellora Shock	Woodbury, Minn.
Mikiel Deshawn Curtis	Iowa City, Iowa	Mallory L. Smith	Waukee, Iowa
Terriana Kasha Hicks	Davenport, Iowa	Alfred James Spaulding	Spring Park, Minn.
Angelo Anthony Madonia	St. Charles, Iowa	* Josie Marie Speltz	Cedar Falls, Iowa
Lauren Olivia McCullough	Hudson, Iowa	Meg Lynn Trumper	Indianola, Iowa
Tierney Lynn Needham	Lynnville, Iowa	* Madison Elizabeth Tuttle	West Des Moines, Iowa
* Molly Herzog Olson	Champlin, Minn.	Tyler Scott Van Kley	Rock Valley, Iowa
Wyatt Scott Rhoads	Ames, Iowa	Evan William Wild	Kalona, Iowa
Chance Michael Riordan	Boone, Iowa		

Major in Sociology

Karlie McClure	Des Moines, Iowa	*** Peter Alexander Miller	Ames, Iowa
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Major in Statistics

** Yiqun Chen	Guilin, China	Connor Nicholas Nolan	Streamwood, Ill.
Sung-Jun Cho	Seoul, South Korea	Jacob Lee Popowitz	Cottage Grove, Minn.
Yilin Cui	Ames, Iowa	Caleb J. Vander Molen	Sully, Iowa
Jeremy Michael Ervin	Ankeny, Iowa	*** Alysa Cheng Younkin	Johnston, Iowa
Eric Jeffrey Fullenkamp	Bettendorf, Iowa	* Shangkun Zuo	Taiyuan, China
** Hairong Li	Chengdu, China		

Major in Technical Communication

Conor Fox Phillips	Petersburg, Ill.
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Major in Women's Studies

Seth Phettai Backham	Des Moines, Iowa
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Multiple Curricula and Majors

Karena Marie Bjerke	Eden Prairie, Minn.	Samuel J. Liewer	Sioux City, Iowa
Psychology and World Languages and Cultures (Spanish)		Psychology and Biochemistry	
Jessica Lee Darland	Cedar Rapids, Iowa	Abraham Isai Lopez Yopez	Des Moines, Iowa
Journalism and Mass Communication and International Studies		Journalism and Mass Communication and International Studies	
** Kristopher Louie Eliakis	Morris, Ill.	**† Amber Virginia Misek	Morris, Ill.
History and International Studies		Public Relations and Psychology	
Leah Marie Greteman	Carroll, Iowa	* Micaela Renee Price	Marshalltown, Iowa
Economics and Environmental Studies		Psychology and Criminal Justice Studies	
Jacob Steven Hilton	Temecula, Calif.	**† SeokHwan Song	Seoul, South Korea
History and Political Science		Statistics and Mathematics	
Madison Imly Hocking	Jewell, Iowa	Alexandra Mosby Vosburgh	Clear Lake, Iowa
Public Relations and Political Science		Mathematics and Geology	
Ellen Bernice Justis	Bettendorf, Iowa	*** Bethany Alissa Woodruff	Glenwood, Iowa
Geology and Anthropology		Public Relations and Child, Adult, and Family Services	
Daniel Alan Lesperance	Aurora, Ill.	* Shangkun Zuo	Taiyuan, China
Economics and Political Science		Mathematics and Economics	

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

CANDIDATES FOR COMMISSION

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

United States Army

Hunter J. Brandt (Summer 2018)
Emma K. Diamond
Christian A. Nelson
Cody H. Neltner
Alex R. Oswald (Summer 2018)
David S. Pauls (Summer 2018)
Christopher D. Tharp (Summer 2018)
Peter J. Watkins
Joyce Weeks

United States Navy

Patrick T. Hennessey
Benjamin R. Krumrei
Nicholas J. Stenglein

United States Air Force

Eric D. Box (Summer 2018)
Ryan M. Finn

SENIOR CLASS COUNCIL

The mission of the Senior Class Council (SCC), a committee of the Student Alumni Leadership Council (SALC), is to benefit and unite seniors through events and services while promoting an understanding of the Iowa State University Alumni Association. The 2018-2019 Senior Class Council is comprised of 12 students who are dedicated to recognizing seniors for their many achievements.

The Senior Class Council plans 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.

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

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

2018-2019 Senior Class Council Leadership

President:

Celeste Swanson

Vice-President:

Gary Wynne

Council Members:

Sydney Borys
Kaitlyn Coleman
Elizabeth Good
Jacob Hasselquist
Kathryn Mortiz

Michael Peters
Alex Pringnitz
Elizabeth Sesker
Rebekah Sletten
Nathan Yeager

IOWA STATE UNIVERSITY ALUMNI ASSOCIATION

Cyclones Everywhere

Iowa State University alumni are more than 250,000 strong. And they are everywhere ... in all 50 states and 152 countries – a family united by the Cardinal & Gold. No matter if your adventure takes you far from the heartland or if you put roots down right here in Iowa, if you're a Cyclone, you're never really far from home.

Keeping graduates connected to Iowa State and each other is the No. 1 goal of the ISU Alumni Association. Through reunions, events, social media, and other communications, the Alumni Association is your one-stop-shop to re-engage with your university.

Here are six ways to continue your Iowa State adventure through the Alumni Association:

1. Connect with Cyclones everywhere through our local affiliate groups in more than 30 locations.
2. The ISU Alumni Center is your forever home. Stop by the Center (420 Beach Ave.) on your way to central campus; better yet, park at the Center and ride CyRide!
3. Take advantage of the Association's career resources, like resume reviews, webinars, blogs, and job-hunting tips.
4. Download the Iowa State Alumni App from the App Store or Google Play.
5. Stay connected with Cyclones everywhere through the online Alumni Directory – and don't forget to update your own information when you move or change jobs.
6. Become a New Grad Member of the ISU Alumni Association and receive discounts, invites to events, and more (www.isualum.org/newgrad).





Summer 2018

Official List of Degree Recipients
Conferred August 4, 2018

DEGREE RECIPIENTS FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Major in Aerospace Engineering

§ Umair Ismail *Multan, Pakistan*
DISSERTATION: Simulations of non-equilibrium rough-wall flows

Major in Agricultural and Biosystems Engineering

Ashik Sathish *Bellbrook, Ohio*
DISSERTATION: Evaluation of syngas mass transfer and its impact on syngas fermentation and development of a novel enhanced gas to liquid mass transfer bioreactor

Minliang Yang *Xiangtan, China*
DISSERTATION: Life cycle assessment (LCA) and techno-economic analysis (TEA) of biobased adhesive derived from glycerol

Major in Analytical Chemistry

Kevin David Clark *Andover, Minn.*
DISSERTATION: Magnetic ionic liquids in bioanalytical chemistry

†† Rebecca Lynn Hansen *Howards Grove, Wis.*
DISSERTATION: Advancing metabolomics studies of biological systems using Mass Spectrometry and Mass Spectrometry Imaging

†† Patrick Alden McVey *Bolivar, Mo.*
DISSERTATION: Direct analysis of solid samples by electrospray laser desorption ionization mass spectrometry imaging: From plants to pharmaceuticals

Major in Animal Science

Elizabeth Ann Hines *Ellsworth, Iowa*
DISSERTATION: The effects of gestation diet and uterine environment on offspring development and swine production efficiency

§ Nichole Frances Huntley *Papillion, Neb.*
DISSERTATION: The influence of beta-mannan and xylose on energy metabolism in the pig

Major in Apparel Merchandising and Design

Armine Ghalachyan *Yerevan, Armenia*
DISSERTATION: Evaluation of consumer perceptions and acceptance of sustainable fashion products made of bacterial cellulose

Major in Applied Linguistics and Technology

§ Yundeok Choi *Seongnam, South Korea*
DISSERTATION: Graphic-prompt tasks for assessment of academic English writing ability: An argument-based approach to investigating validity

Major in Applied Mathematics

†† Yi Jiang *Chengdu, China*
DISSERTATION: Invariant-region-preserving discontinuous Galerkin methods for systems of hyperbolic conservation laws

Leoncio Rodriguez Quinoñes *Ibagu, Colombia*
DISSERTATION: Direct and inverse problems for a Schrödinger-Steklov eigenproblem on different domains and spectral geometry for the first normalized Steklov eigenvalue on domains with one hole

Major in Biochemistry

Daniel Jeffery Falconer *Johnston, Iowa*
DISSERTATION: Elucidating how N-glycosylation impacts immunoglobulin G Fc structure and receptor binding

Kiran Kumar Shivaiah *Bengaluru, India*
DISSERTATION: Role of non-catalytic subunits in biotin-dependent carboxylases

Major in Bioinformatics and Computational Biology

Erin Estelle Boggess *Iowa City, Iowa*
DISSERTATION: Methods for analysis of derivative strains from metabolic evolution experiments

†† Lindsay Anne Rutter *Philadelphia, Pa.*
DISSERTATION: Visualization methods for genealogical and RNA-sequencing studies: Pertinence, software, and applications

Major in Business and Technology (Information Systems)

†† Akmal M. Mirsadikov *Tashkent, Uzbekistan*
DISSERTATION: Determining indicators of deception in computer mediated communication using eye tracking

Major in Business and Technology (Supply Chain Management)

†† Fei Song *Wuhu, China*
DISSERTATION: Three essays on power issues in buyer-supplier relationships, sustainable supply chain management, and their synergy

Major in Chemical Engineering

Yingxi Chen *Chengdu, China*
DISSERTATION: Reverse engineering of short-chain fatty acid tolerance and production in *Escherichia coli*

Michael John Forrester *Sioux City, Iowa*
DISSERTATION: Glycerol-based polymers and their pathway to industrial relevance

Major in Chemistry

Himashi Purnima Andaraarachchi *Colombo, Sri Lanka*
DISSERTATION: Exploring the chemical reactivity of group 14 and group 15 molecular precursors

†† Asa Carl Toombs *Augusta, Kans.*
DISSERTATION: Structural and bonding characteristics of Ga-containing polar intermetallics

Major in Civil Engineering (Civil Engineering Materials)

Kamran Amini *Ghazvin, Iran*
DISSERTATION: Toward salt-scaling resistant concrete

Minas Nagui Assad Guirguis *Cairo, Egypt*
DISSERTATION: Design and performance assessment of chip seal applications

†† Ali Arabzadeh *Tehran, Iran*
DISSERTATION: Nano-engineered heated pavements

†† Alireza Sassani *Astara, Iran*
DISSERTATION: Smart materials for heated concrete pavement systems

Major in Civil Engineering (Construction Engineering and Management)

†† Philip J. Barutha *Bozeman, Mont.*
DISSERTATION: Integrated project delivery for industrial projects

Major in Civil Engineering (Intelligent Infrastructure Engineering)

Ikkyun Song *Changwon, South Korea*
DISSERTATION: A computational framework for data-driven infrastructure engineering using advanced statistical learning, prediction, and curing

Major in Civil Engineering (Structural Engineering)

Zhengyu Liu *Shenyang, China*
DISSERTATION: Evaluation of an innovative joint design for the adjacent box beam bridges

Major in Civil Engineering (Transportation Engineering)

Raha Hamzeie *Tehran, Iran*
DISSERTATION: Investigation of drivers speed selection behavior: A naturalistic driving approach

Shefang Wang *Zhengzhou, China*
DISSERTATION: Evaluation of traffic speed control devices and its applications

Major in Computer Engineering

Mohammad T. Al-Rubaie *Baghdad, Iraq*
DISSERTATION: Towards privacy-aware mobile-based continuous authentication systems

†† Taewoon Kim *Ulsan, Republic of Korea*
DISSERTATION: Optimal resource scheduling for energy-efficient next generation wireless networks

†† Ankur Sharma *Alwar, India*
DISSERTATION: Lagrangian relaxation-based multi-threaded discrete gate sizer

Qianqian Wang *Shijiazhuang, China*
DISSERTATION: Analog hardware security and hardware authentication

Major in Condensed Matter Physics

Wageesha Tharuki Jayasekara *Colombo, Sri Lanka*
DISSERTATION: Structural and magnetic studies on SrCo₂As₂ and Ca(Co_{1-x}Fe_x)₂As₂ compounds using x-ray and neutron scattering

Aashish Sapkota *Kathmandu, Nepal*
DISSERTATION: Studies of spin dynamics in 122 transition metal arsenides using inelastic neutron scattering technique

Major in Crop Production and Physiology

Hamze Dokoohaki *Shiraz, Iran*
DISSERTATION: The promise of biochar: From lab experiment to national scale impacts

Guillermo Marcillo *Sangolqui, Ecuador*
DISSERTATION: Cover crop effects on maize productivity: Insights from statistical and process-based models

§ Laila Alejandra Puntel *Necochea, Argentina*
DISSERTATION: Evaluation of statistical and process-based models as nitrogen recommendation tools in maize production systems

Major in Ecology and Evolutionary Biology

†† Lynne C. Gardner Almond *Klemme, Iowa*
DISSERTATION: Using population genetics to examine white-tailed deer (*Odocoileus virginianus*) connectivity across multiple spatial scales: Influences of proximity, landscape, and history

†† Kaitlin Marissa Goodale *Ardsley, N.Y.*
DISSERTATION: Novel and native community assembly, maintenance and legacy in perennial grasslands

†† Justin Michael Van Goor *Warwick, R.I.*
DISSERTATION: A worm's tale: An evaluation of the natural history and infectious dynamics of *Parasitodiplogaster* nematodes

†† Alexander Raymond Walton *Tucson, Ariz.*
DISSERTATION: Individuality in the hive: Behavioral variation and its proximate causes in insect societies

Major in Economics

†† Katherine Morgan Lacy *Blue Point, N.Y.*
DISSERTATION: Genetically engineered crops:
Consumers' acceptance and farmers' adoption

Xianjun Qiu *Panjin, China*
DISSERTATION: Three essays on the economics of
U.S. water policy

Major in Education

§ Carolyn Jean Duven *River Falls, Wis.*
DISSERTATION: The problem with homesickness:
A new way of coming home

†† Dan Li *Deyang, China*
DISSERTATION: Opportunity to learn informational
text and literary text and their relations with
student reading achievement: An examination
with the PIRLS 2011 and the NAEP 2011 reading
assessments

Jacob Benjamin Pleasants *Ames, Iowa*
DISSERTATION: Engineering in the elementary
science classroom: Teachers' knowledge
and practice of the nature of engineering

Christopher D. Spinler *Ankeny, Iowa*
DISSERTATION: Organizational perspectives on
co-teaching triads participating in a science and
engineering professional development program

†† Lu Yan *Ames, Iowa*
DISSERTATION: Understanding critical thinking
in American higher education: From Chinese
international and domestic STEM students'
perspectives

Major in Education (Curriculum and Instructional Technology)

Jennifer Lynn Ulie-Wells *West Des Moines, Iowa*
DISSERTATION: Who I want you to be: Three
portraits of culturally competent teachers
improving the mental health of students

Major in Education (Educational Leadership)

§ Shaohua Pei *Zhengzhou, China*
DISSERTATION: An investigation of
microaggression frequency and stress among
Chinese international university students and the
impacts

Major in Electrical Engineering

Songtao Lu *Beijing, China*
DISSERTATION: First-order methods of solving
nonconvex optimization problems: Algorithms,
convergence, and optimality

Sai Pushpak Nandanoori *Tirupati, India*
DISSERTATION: Stability analysis and robust
control of power networks in stochastic
environment

Major in Electrical Engineering (Microelectronics and Photonics)

Xiangchen Che *Xining, China*
DISSERTATION: Biodetection and biointerface
based on Nanostructured Aluminum Oxide
(NAO): From fluorescence enhancement to MS
effect on single neural cells

Major in Engineering Mechanics

§ Alireza Razavi *Tehran, Iran*
DISSERTATION: Laboratory study of parameters
influencing tornado flow field and tornado
loading on low-rise buildings

††§ Denizhan Yavas *Eskisehir, Turkey*
DISSERTATION: Interfacial degradation
mechanisms with applications to polymer-matrix
composites and intergranular stress corrosion
cracking of steels

Major in Environmental Science

†† William Joseph Beck *Portage, Mich.*
DISSERTATION: Sediment and phosphorus dynamics within the channel and floodplain of Walnut Creek, Iowa

Tyler Anthony Groh *Jackson, Wis.*
DISSERTATION: Nitrate removal in both traditional and saturated riparian buffers

Major in Genetics

Stacey Nicola Barnes *Accrington, UK*
DISSERTATION: Molecular mechanisms governing plant parasitic nematode signaling and host parasitism

Kimberly Helen Vanous *Oregon, Ill.*
DISSERTATION: Improvement and expansion of doubled haploid technology

†† Kevin Natukunda *Kampala, Uganda*
DISSERTATION: From the fish tank to the human gut: Characterization of the role of kita and ano1 ICC markers in regulation of intestinal motility in zebrafish

Major in Genetics and Genomics

Matthew Robert Hunt *Bethany, Conn.*
DISSERTATION: Biological roles of small RNAs expressed during infection of barley by the obligate fungal biotroph, *Blumeria graminis* f. sp. hordei

Major in High Energy Physics

†† Michael David Werner *Winthrop, Iowa*
DISSERTATION: Search for new long-lived hadronically-decaying particles produced in association with a Z boson with the ATLAS detector at the LHC

Major in Hospitality Management

††§ Sangwook Kang *Seoul, South Korea*
DISSERTATION: Food safety policies and procedures for student-led food events at colleges and universities in the United States

Major in Human Computer Interaction

†† Anna Slavina *Forest Hills, N.Y.*
DISSERTATION: Note-taking and the decision to externalize memory

Major in Human Development and Family Studies

†† Yousun Baek *Seoul, South Korea*
DISSERTATION: The role of personality in successful aging

†† Melissa Erin Clucas *Rochelle, Ill.*
DISSERTATION: Science learning opportunities and the Project Approach in preschool classrooms

Andrew Richard Dismukes *Dothan, Ala.*
DISSERTATION: Development of the Hypothalamic-Pituitary-Adrenal axis from infancy to adolescence: Novel genetic, structural, and inter-axis considerations and relevance for antisocial behavior

Sangbo Nam *Seoul, South Korea*
DISSERTATION: Older adults' use of various types of technology: A typology approach

Major in Industrial and Agricultural Technology

Fatemeh Davoudi Kakhki *Morehead, Iran*
DISSERTATION: Predictive analytics in agribusiness industries

Major in Industrial Engineering

†† Mostafa Amin-Nasari *Tehran, Iran*
DISSERTATION: Adopting and incorporating crowdsourced traffic data in advanced transportation management systems
Niechen Chen *Wuhan, China*
DISSERTATION: Automated process planning for metal hybrid additive and subtractive manufacturing

§ Shiyang Huang *Wuhan, China*
DISSERTATION: Optimization of job shop scheduling with material handling by automated guided vehicle
††§ Hieu Trung Pham *Smyrna, Tenn.*
DISSERTATION: Generalized weighting for bagged ensembles

Major in Inorganic Chemistry

†† Melissa L. Rhodehouse *Colville, Wash.*
DISSERTATION: In search of new rare-earth rich intermetallics

††§ Miles Arthur Burris White *Clinton, Iowa*
DISSERTATION: Solution phase synthesis and computational investigation of pnictide based Nowotny-Juza phases

Major in Kinesiology

§ Joey A. Lee *Ames, Iowa*
DISSERTATION: Development and application of tools to assess elementary school wellness environments and readiness for wellness change
Jeffrey Ray McClellan *Alpine, Utah*
DISSERTATION: The effects of running speed, form, and fatigue on intervertebral disc pressures at L5/S1: A developmental musculoskeletal and finite element modeling approach

†† Nathan Frederick Meier *Ames, Iowa*
DISSERTATION: Physical activity and sarcopenia in older adults

Major in Materials Science and Engineering

§ Stephanie Michele Choquette *Eagle Grove, Iowa*
DISSERTATION: Liquid-phase diffusion bonding and the development of a Cu-Ni/Sn composite solder paste for high temperature lead-free electrical connections
John Thomas Graham *Sioux City, Iowa*
DISSERTATION: A fast Fourier transform approach to dislocation-based polycrystal plasticity

Longlong Liao *Beijing, China*
DISSERTATION: Ferrite percentage prediction of Duplex stainless steels as a function of cooling rates
Xinchun Tian *Shanghai, China*
DISSERTATION: Simple solutions to the fabrication of textured and porous coatings

Major in Mathematics

Kacy William Messerschmidt *Des Moines, Iowa*
DISSERTATION: Coloring problems in graph theory

Major in Mechanical Engineering

††§ Yuanfen Chen *Qinzhou, China*
DISSERTATION: Transient electronics: Materials, mechanics, and applications

†† Reihaneh Jamshidi *Rasht, Iran*
DISSERTATION: Polymeric materials for transient and soft electronic devices

Yosef Jazaa *Khamis, Saudi Arabi*
DISSERTATION: Effect of nanoparticle additives on the tribological behavior of oil under boundary lubrication

Zhanhong Jiang *Puning, China*
DISSERTATION: Distributed optimization for control and learning

†† Joshua Harris Mineroff *Manalapan, N.J.*
DISSERTATION: An optimization and uncertainty quantification framework for patient-specific cardiac modeling

Mark Daniel Placette *Bridge City, Tex.*
DISSERTATION: Friction and wear mechanisms of high performance polyetheretherketone and silicone

†† Sougata Roy *Bishnupur, India*
DISSERTATION: Investigating the effect of retained austenite on wear and fatigue behavior of AISI 8620 steel

Songzhe Xu *Ames, Iowa*
DISSERTATION: Buoyancy-driven flow and fluid-structure interaction with moving boundaries

Major in Meteorology

Brandon Joshua Fisel *Hebron, Ind.*
DISSERTATION: A changing Arctic atmospheric circulation in response to global change, and its influence on future extreme weather and convective potential

Major in Molecular Cellular and Developmental Biology

§ Benjamin Royce Bastin *Ames, Iowa*
DISSERTATION: Evolution of Tektin and ODF3 family genes and the role of gene duplication in the specialization of motile ciliary structures in the polychaete *Platynereis dumerilii*

Major in Nutritional Sciences

§ Samantha K. Pritchard *Wood Dale, Ill.*
DISSERTATION: Impact of whole egg consumption and maintenance of vitamin D homeostasis in disease

Maren Mae Wolff *Lincoln, Neb.*
DISSERTATION: Facilitating lifestyle behavior change in the primary care setting with a staged approach to childhood obesity treatment

Major in Organic Chemistry

†† Andrea Marie Thooft *Ames, Iowa*
DISSERTATION: Manipulating push-pull systems to probe biology and photochemistry

††§ Kevin Leon Vickerman *Chaska, Minn.*
DISSERTATION: Transition metal-catalyzed alkene hydroacylation and carboacylation

Major in Physics

§ Omer Lebbe M. Shafraz *Kandy, Sri Lanka*
DISSERTATION: Biophysics of cadherin interactions and junction assembly

Major in Plant Breeding

Alexander Stephen Luckew *Arlington Hts., Ill.*
DISSERTATION: Using genomic and gene expression methods to understand the phenotypic response of soybean to sudden death syndrome caused by *Fusarium virguliforme*

Major in Psychology

Sara Dawn Davis *Sheridan, Wyo.*

DISSERTATION: Can multiple-choice testing potentiate new learning for text passages? A meta-cognitive approach to understanding the forward testing effect

§ Christopher Lee Groves *Two Rivers, Wis.*

DISSERTATION: Prosocial aggression: Validation of a behavioral measure and model

§ Justin D. Russell *Rochester, N.Y.*

DISSERTATION: Developmental variation in the amygdala: Normative pathways across puberty and stress-linked deviations

Major in Psychology (Counseling Psychology)

§ Rachel Elizabeth Brenner *Lake Mary, Fla.*

DISSERTATION: The distinct relationships of self-compassion and self-coldness with psychological distress and mental well-being

Caitlin Caprice Erdman *Ames, Iowa*

DISSERTATION: Dumb and dumber: Stereotype perceptions at the intersection of race and athletic status

Spurty Surapaneni *Riverside, Calif.*

DISSERTATION: The role of parental stigma on self-stigma and help-seeking intentions: Differences between Asian, Asian American, and Caucasian American populations

†† Kaitlyn Jean Van Pay *River Falls, Wis.*

DISSERTATION: Intent to engage in therapeutic lifestyle changes: Impact of an intervention, self-efficacy expectations, outcome expectations, and locus of control

Fei Yi *Guang'an, China*

DISSERTATION: Acculturative stress, meaning-in-life, collectivistic coping, and subjective well-being among Chinese international students: A moderated mediation model

Major in Rhetoric and Professional Communication

Shannon N. Fanning *Waldwick, N.J.*

DISSERTATION: Transformations in genre: An examination of visualizations of the *Zika Virus*'

Major in Rural Agricultural Technological and Environmental History

†† Erik Andrew Stumpf *Ames, Iowa*

DISSERTATION: Children with a cause: Training antebellum children for the abolition of slavery

Major in Sociology

Marie Corinne Sheneman *Monroe, Wash.*

DISSERTATION: Parents' perceptions about their voluntarily childless adult-children

Major in Soil Science Soil Fertility

S. Carolina Córdova Martínez *Ibarra, Ecuador*

DISSERTATION: Soybean nitrogen dynamics: Nitrogen fixation, yield, and residue decomposition

Major in Statistics

Gabriel Oak Demuth *Decorah, Iowa*

DISSERTATION: State space models for partially observed biological and agricultural data

Xinyi Li *Ruian, China*

DISSERTATION: Non/Semi-parametric learning from data with complex features

Xiaojun Mao *Zhejiang, China*

DISSERTATION: Topics in matrix completion and genomic prediction

Seho Park *Suwon, South Korea*

DISSERTATION: Survey data integration using mass imputation

Soyoung Park *Seoul, South Korea*

DISSERTATION: Learning algorithms for forensic science applications

Hejian Sang *Hefei, China*

DISSERTATION: Approximate Bayesian approaches and semiparametric methods for handling missing data

†† Yeon-Jung Seo *Seoul, South Korea*

DISSERTATION: Selection and assessment of bivariate Markov random field models

§ Xin Wang *Beijing, China*

DISSERTATION: Topics in generalized linear mixed models and spatial subgroup analysis

Zhonglei Wang *Cangzhou, China*

DISSERTATION: Topics in bootstrap methods for survey sampling and spatially balanced design

Weicheng Zhu *China*

DISSERTATION: Topics in sparse functional data analysis

Major in Toxicology

Jie Luo *Durham, N.C.*

DISSERTATION: Prokineticin 2 signaling: Genetic regulation and preclinical assessment in rodent models of Parkinsonism

§ Adhithiya Charli Manohar Charle *Chennai, India*

DISSERTATION: Interplay between mitochondrial dysfunction and epigenetic alterations in environmental linked Parkinson's Disease

Major in Veterinary Pathology

Alyona V. Michael *Iowa City, Iowa*

DISSERTATION: In-situ temporospatial characterization of the neuroinflammatory response to prion infection in the murine brain

Major in Veterinary Pathology (Veterinary Clinical Pathology)

§ Tracy Lindquist *Rutland, Iowa*

DISSERTATION: Evaluating the in vivo immune response to Mycobacterium avium subspecies paratuberculosis infection in naive and vaccinated calves

Multiple Curricula and Majors

Nataliya Apanovich *Inman, S.C.*

MAJORS: Sustainable Agriculture and Biorenewable Resources and Technology
DISSERTATION: Energy and food security in the context of biomass, crop production and soil quality in Uganda

†† **Larissa Faith Arnold** *Hugoton, Kans.*

MAJORS: Psychology and Neuroscience
DISSERTATION: Training reduces the drawing detriments associated with categorical perception

David Joseph Dziubanski *Park Ridge, Ill.*

MAJORS: Civil Engineering (Environmental Engineering) and Geology
DISSERTATION: Investigating the impacts of human decision-making and climate change on hydrologic response in an agricultural watershed

§ **Austin Robert Johnson Downey** *Ames, Iowa*

MAJORS: Wind Energy Science, Engineering, and Policy and Engineering Mechanics
DISSERTATION: Sensing skin for the structural health monitoring of mesoscale structures

Wenqin Li *Beijing, China*

MAJORS: Mechanical Engineering and Biorenewable Resources and Technology
DISSERTATION: Investigating the development of the bioproducts production platform from a techno-economic and environmental perspective

Anastacia M. MacAllister *Wyoming, Minn.*

MAJORS: Mechanical Engineering and Human Computer Interaction
DISSERTATION: Investigating the use of Bayesian networks for small dataset problems

§ **Edmund John Norris** *Oak Forest, Ill.*

MAJORS: Toxicology and Entomology
DISSERTATION: Characterizing the mode of action of plant essential oil terpenoids in multiple model insect species and exploring novel delivery mechanisms for insecticides

†† **Hossein Taheri** *Brookings, S. Dak.*

MAJORS: Mechanical Engineering and Electrical Engineering
DISSERTATION: Nondestructive evaluation and in-situ monitoring for metal additive manufacturing

MASTER OF ACCOUNTING

Major in Accounting

Lin Gao

Tianshui, China

MASTER OF ARCHITECTURE

Major in Architecture

Nakisa Dehpanah

Tehran, Iran

Kimya Salari

Tehran, Iran

Mark Patrick Moeckl

West Des Moines, Iowa

Saina Shayanjoo

Tehran, Iran

MASTER OF ARTS

Major in Anthropology

William Dane Aguado

San Diego, Calif.

Samantha Salter

Davis, N.C.

THESIS: Chimpanzees as ecosystem service providers: Seed dispersal of an economically important plant resource at Fongoli, Senegal

THESIS: Neoliberal effects as seen in village dispensaries within the Kedougou Region of Southeast Senegal

Major in English (Literature)

Logan Heim

East Dubuque, Ill.

Michael Joseph Wettengel

St. Charles, Ill.

THESIS: The Dickensian benefactor: Complication and change in *Oliver Twist* and *Bleak House*

THESIS: Cogwheels of the fantastic: The mechanisms of medieval fantasy

Stacy DeAnn Petersen

Independence, Iowa

THESIS: Manipulation within the language of love: Politeness theory, abuse, and Woody Allen's *Match Point*

Major in Graphic Design

Zhenhui Zheng

Hangzhou, China

Major in Graphic Design (Environmental Graphic Design)

David T. Carius

Coal Valley, Ill.

Major in Political Science

†† Darrell Carter

Ames, Iowa

THESIS: The Great Game's new player: China's Belt and Road strategy for Central Asia

Major in Teaching English as a Second Language/Applied Linguistics

Tongxuan Huang

Beijing, China

Xuelei Zhao

Zhengzhou, China

Major in Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)

Leyla Karatay *Duzce, Turkey*
THESIS: The effect of delivery mode on L2
students' listening comprehension skills: Context
versus animated videos

MASTER OF ARTS IN TEACHING

Major in Science Education

Ryan Connor James Carroll	<i>East Northport, N.Y.</i>	Brett Timothy Nicholson	<i>Rockwell City, Iowa</i>
Hsin-Wei Chen	<i>Ames, Iowa</i>	Chad Andrew Phares	<i>Colo, Iowa</i>
Lydia Richelle Davis	<i>Cedar Rapids, Iowa</i>	Calvin Isaac Snitker	<i>Denison, Iowa</i>
Samantha Rae Hofmann	<i>Twin Lakes, Wis.</i>	Mark John Van Dyck	<i>Des Moines, Iowa</i>
Taylor John Mugge	<i>Sutherland, Iowa</i>	Andrew Earl Van Hulzen	<i>Sac City, Iowa</i>
Andrea Neudorf	<i>St. Louis, Mo.</i>		

MASTER OF BUSINESS ADMINISTRATION

Major in Business Administration

Aaron Timothy Martin	<i>Ankeny, Iowa</i>	John Richard Straley	<i>Urbandale, Iowa</i>
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Major in Business Administration (Business Analytics)

William Morgan McCarley	<i>Ankeny, Iowa</i>
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MASTER OF BUSINESS ANALYTICS

Major in Business Analytics

Travis Scott Barrick	<i>Webster City, Iowa</i>	Metihe Kastrati	<i>Washington, D.C.</i>
Katie Viet Feldmann	<i>Urbandale, Iowa</i>	Nishant Kumar	<i>Waukee, Iowa</i>

MASTER OF COMMUNITY AND REGIONAL PLANNING

Major in Community and Regional Planning

Austin Wayne Dunn	<i>Newton, Iowa</i>	Marie Louise d'Auberville Ryan	<i>New Orleans, La.</i>
Samuel David Merced Matos	<i>Toa Alta, Puerto Rico</i>	THESIS: Khana khanu bhayo (Have you eaten)? Traditional rice varieties, land tenure, and social structure in Nepal's mid-hills	

MASTER OF DESIGN IN SUSTAINABLE ENVIRONMENTS

Major in Sustainable Environments

Paige Sarah Adams Nakisa Dehpanah Ahmed Essam M. Elsherif	Conroe, Tex. Tehran, Iran Alexandria, Egypt	Diba Malekpour Koupaei Kimya Salari Saina Shayanjoo	Isfahan, Iran Tehran, Iran Tehran, Iran
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MASTER OF EDUCATION

Major in Education

Casey Lynn Brueggeman Kristy Kay Huerter	Stratford, Iowa Pella, Iowa	Jianan Wang	Xinxiang, China
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Major in Education (Curriculum and Instructional Technology)

Kyungjoon Chung	Seoul, South Korea
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Major in Education (Educational Administration)

Matthew David Bannerman Michael S. Boeve Melinda Ann Rouse Bryan Lisa Marie Clayberg Nicole Marie Coronado Riley Danielle Drake Whitney Darlene Hulse	Sacramento, Calif. Ames, Iowa Grimes, Iowa Ames, Iowa Ames, Iowa Ames, Iowa Moville, Iowa	Qynne Anne Kelly Virginia Elizabeth Martin Mari Therese Melvin Erin Michelle Miller Chad Edward Pinkston Bryan Matthew Ward	Des Moines, Iowa Des Moines, Iowa Bloomfield, Iowa Ames, Iowa Marshalltown, Iowa Altoona, Iowa
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Major in Education (Student Affairs)

Ye Zhao	Ames, Iowa
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MASTER OF ENGINEERING

Major in Aerospace Engineering

Fu-Yuan Chang	Taipei City, Taiwan	Vanjula Lochana Talagala	Livonia, Mich.
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Major in Chemical Engineering

Fan Jia	Shijiazhuang, China
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Major in Civil Engineering (Construction Engineering and Management)

Sasidhar Karuturi	Rajahmundry, India
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Major in Computer Engineering

Lixing Liu	Jiujiang, China	Anurag Mishra	India
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Major in Electrical Engineering

Seyyed Shaho Alaviani	Sanandaj, Iran	Yijia Huang	Ames, Iowa
Anindya Bijoy Das	Dhaka, Bangladesh	Shawana Tabassum	Dhaka, Bangladesh
Yuqian Hu	Bengbu, China	Di Zhao	Ames, Iowa

Major in Energy Systems Engineering

Keon Alan Stallard	Olney, Ill.
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Major in Engineering Management

Vincent G. Lindenfelser	St. Michael, Minn.	Scott Donald Schroeder	Raymond, Iowa
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Major in Industrial Engineering

Krithivasan Dhandapani	Hosur, India	Shubham Vinod Mutha	Pune, India
Mohamed Alaaeldin Eldakrouy	Alexandria, Egypt		

Major in Materials Science and Engineering

Alison Whale	Kuna, Idaho
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Major in Mechanical Engineering

Jacob Daniel Biery	Iowa Falls, Iowa	Tariq Mahbub	Dhaka, Bangladesh
†† Reihaneh Jamshidi	Rasht Gilan, Iran	Jonathan Debarge Morgan	Kansas City, Mo.
Zhongtian Li	Nanjing, China	Eric Douglas Roggatz	Pleasant Hill, Iowa

Major in Systems Engineering

Federico Montanana Farroni	Carolina, Puerto Rico	Christopher Martin Salee	Palo, Iowa
Clay Alan Reinecke	Sedgwick, Kans.		

MASTER OF FAMILY AND CONSUMER SCIENCES

Major in Family and Consumer Sciences (Family Financial Planning)

Kacy Parker Bass	Huxley, Iowa
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Major in Family and Consumer Sciences (Youth Development)

Gregory Michael Gardner	Winchester, Tenn.
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MASTER OF FINE ARTS

Major in Creative Writing and Environment

§ Joel Nathanael Hughes *Ames, Iowa*
THESIS: Field notes from an Infalling Observer
Sequence_(8) Unidentified Inquiry / Unknown
Wave

Ebonesiah Morrow *Tacoma, Wash.*
THESIS: Saltwater: A novel in verse

Major in Graphic Design

Muhammad Bilawal *Karachi, Pakistan*
THESIS: GET – Get Together, Get Along.
Sijia He *Beijing, China*
THESIS: Designing and evaluating personalized
lifestyle blog using Wordpress

Wei-En Yang *Zhongli, Taiwan*
THESIS: Packaging design development for
Taiwanese souvenirs

MASTER OF HUMAN COMPUTER INTERACTION

Major in Human Computer Interaction

Glenn Toews *Eden Prairie, Minn.*

MASTER OF INDUSTRIAL DESIGN

Major in Industrial Design

†† Joshua Harris Mineroff *Manalapan, N.J.*

MASTER OF LANDSCAPE ARCHITECTURE

Major in Landscape Architecture

Austin Wayne Dunn *Newton, Iowa*
Eric V. Lawrence *West Grove, Pa.*

Carol Joella Ustine *Chennai, India*

MASTER OF SCIENCE

Major in Agricultural Education

Benjamin Dennis Booth *Manning, Iowa*
Zachary C. Brown *Missouri City, Tex.*
THESIS: Experiences of Black faculty members
within agricultural education departments at
predominantly White institutions

Tosha Nicole Gillispie *Yuma, Ariz.*
Matt Jon Lansing *Dubuque, Iowa*
Emily Jo Reed *Pleasant Hill, Mo.*
Kendra Marie Rieckhoff *Hughesville, Mo.*

Major in Agricultural Education (Agricultural Extension Education)

Pamela Jane Rank *Russellville, Ark.*

Major in Agronomy

Amanda Rae Brodin *Elizabeth, Colo.* Adam Keith Gurr *Rapid City, Canada*

Major in Animal Science

Josué Chinchilla Vargas *San Jose, Costa Rica* Kristin Marie Olsen *Elk Horn, Iowa*
THESIS: Food security and the effects of climatic factors on livestock reproduction
THESIS: Investigating methods of evaluating swine feed additives: Phytase and alternatives to antibiotic growth promoters

†† Benjamin James Duran *Browns Valley, Calif.*
THESIS: Investigation into factors potentially influencing the success of laparoscopic artificial insemination in sheep

Major in Apparel Merchandising and Design

Courtney Danielle Johnson *Natchitoches, La.*
THESIS: Swagger like us: Black millennials' perceptions of 1990s urban brands

Major in Applied Mathematics

Lindsey Marie Peterson *East Grand Forks, Minn.*
THESIS: An asymptotic-preserving spectral method based on the radon transform for the PN approximation of radiative transfer

Major in Architecture

Md Imtiazul Alam *Dhaka, Bangladesh* Farzad Hashemi *Baft, Iran*
THESIS: A sustainable campus for the higher education institutions in the U.S.
THESIS: Adapting vernacular strategies for the design of an energy efficient residential building in a hot and arid climate: City of Yazd, Iran

Major in Biomedical Sciences

Xiaoyu Zhang *Anqing, China*

Major in Chemical Engineering

Sanaz Abdolmohammadi *Iran* Hugh Tallant Warren *Denver, Iowa*
THESIS: Electrochemical conversion of bio-derived dicarboxylic acid into high value added chemicals
THESIS: Processing advancements in the recovery of oils from vegetable oil refinery by-products

Cheng Peng *Beijing, China*
THESIS: Predictive computational tools for biomass fast pyrolysis in fluidized-bed reactors using particle-resolved direct numerical simulation of reacting gas-solid flow

Major in Civil Engineering (Environmental Engineering)

Yuan Tan *Zhuhai, China*
THESIS: Feasibility test of autotrophic denitrification of industrial wastewater in sequencing batch and static granular bed reactors

Major in Civil Engineering (Structural Engineering)

Ahmed Abdullah Alateeq Newark, Del.
Christopher J. Levandowski North Mankato, Minn.
THESIS: Investigating Micro-crack and Local Crack Formation and Propagation in Ultra-High Performance Concrete (UHPC)

Glenna Marie Lovig Brooklyn, Iowa
Yinglong Zhang St. Louis, Mo.
THESIS: Behavior of reinforced concrete wall with circular openings

Major in Civil Engineering (Transportation Engineering)

Qiuqi Cai Baoshan, China
THESIS: Investigation of driver behavior during crash and near-crash events using naturalistic driving data

Major in Computer Engineering (Computing and Networking Systems)

Rohit Reddy Takkala Hyderabad, India

Major in Computer Engineering (Secure and Reliable Computing)

Shikhar Vats Dehradun, India

Major in Computer Science

Preeti Bhardwaj Hisar, India
THESIS: Disrupting diffusion: Critical nodes in network

Sonal Garg Jaipur, India
Jackson L. Maddox Keokuk, Iowa
THESIS: Large-scale study of substitutability in the presence of effects

Kiana Mousavi Hanjani Karaj Alborz, Iran
THESIS: Improved triangle counting in graph streams: Neighborhood multi-sampling

Sai Sahiti Nemalikanti Ranga Reddy district, India
Abhinav Prakash Bangalore, India
Ananth Narayanan Radhakrishnan Chennai, India
†† Pavithra Rajarathinam Chennai, India
THESIS: Graph compression using heuristic-based reordering

Major in Condensed Matter Physics

Benjamin Joseph Schrunk Story City, Iowa

Major in Crop Production and Physiology

Sydney E. Lizotte-Hall West Des Moines, Iowa
THESIS: Investigations into the function of common milkweed (*Asclepias syriaca*) in the agricultural landscape

Major in Crop Production and Physiology (Seed Science)

Chad Louis Kimmelshue Chico, Calif.
THESIS: Bioactive seed coatings against Goss's wilt using stabilized bacteriophages in polymers

Major in Diet and Exercise

Rebecca Ann Harken Mason City, Iowa
THESIS: Online communities of practice as a strategy for staff involvement in SWITCH

Mitchell Evan Zaplatosch Homer Glen, Ill.
THESIS: The effect of dehydration and rehydration with a high potassium beverage on muscular strength in collegiate males

Major in Ecology and Evolutionary Biology

Bridgette Kirk *Smartsville, Calif.*
THESIS: Effects of overstory tree species and seed trap design on seed rain in a tropical rainforest

Sara M. Schwarz *Salmon, Idaho*
THESIS: Conservation genetics of the Sheepnose mussel (*Plethobasus cyphus*)

†† Kathleen Marie Thompson *Fort Dodge, Iowa*
THESIS: Lichen diversity and conservation of northeast Iowa: White Pine Hollow State Preserve and the lichen *Lobaria pulmonaria*

Major in Economics

Jennifer Dawn West Duncan *San Antonio, Tex.*
Kevyn Alexander Hoyos *The Colony, Tex.*

Kevin Joseph McGee *Cresco, Iowa*

Major in Education

§ Katherine Cameron Seifert *Shoreview, Minn.*
THESIS: La trenza de las fronteras: The cultural worlds first-generation women navigate to access college

Justin Paul Winkel *Cedar Rapids, Iowa*
THESIS: Grateful/ungrateful, white/not-white, Asian/not-Asian: A study of East Asian transracial-transnational adoptees

Major in Electrical Engineering (Electromagnetics Microwave and Nondestructive Evaluation)

Priyam Rastogi *New Delhi, India*

Major in Electrical Engineering (Microelectronics and Photonics)

Shenmin Gong *Nantong, China*
THESIS: Detection of chemical nutrients in water using a fluidic microplasma chip with enhanced optical collection efficiency

Chamika M. D. Hippola *Kandy, Sri Lanka*

Major in Electrical Engineering (Very Large Scale Integration)

Pallavi Sugantha Ebenezer *Chennai, India*
THESIS: Device models for reference design

Major in Entomology

Eric Yu Yu *Apple Valley, Minn.*
THESIS: Effects of larval density on dispersal and fecundity of western corn rootworm

Major in Food Science and Technology

Nicole Irene Gaudino *Grand Rapids, Mich.*
THESIS: Development of lecithin-based oleogels and oleogel emulsions with stearic acid capable of enhancing probiotic viability and delaying oxidation

Major in Genetics

Stephanie Marie Coffman *Granger, Iowa*
THESIS: Haplotype sharing analysis in maize ex-PVP germplasm and relationships with key founders

Major in Genetics and Genomics

Majd Yousef I. Abdulghani *Riyadh, Saudi Arabia*
THESIS: Multi-omics reveal nuanced pathways in placental development

Jeffrey Allen Haltom *Urbandale, Iowa*
THESIS: The use of bioinformatics and current genome editing tools in investigating zebrafish RB1-deficient brain tumors

Major in Gerontology

Angelica Marie Jasper *Wheaton, Ill.*
THESIS: Gerotranscendence, personality, and social support among unmarried older adults

Major in Human Computer Interaction

Nicole Marie Beaulieu *Reno, Nev.*

Major in Human Development and Family Studies

Olivia Nicole Diggs *Ogden, Iowa*
THESIS: The influence of economic hardship on emerging adult binge drinking: Testing the family stress model over time

Shannin Nicole Moody *New Orleans, La.*
THESIS: Effects of income and education levels on diurnal cortisol in Black and White American youth transitioning into adulthood

Kevin Michael Hemer *Austin, Tex.*
THESIS: Civic engagement in young adulthood: Social capital and the mediating effects of postsecondary educational attainment

Major in Industrial and Agricultural Technology

Wesley Chang *Naperville, Ill.*
THESIS: Evaluating the effectiveness of two training formats for grain dust explosion prevention

Major in Industrial Engineering

Arul Pandian Ganesan *Chennai, India*
Krishna Sai Varun Kotta *Telangana India*

Katherine Mary Volz *Lafayette, Colo.*
THESIS: Cognitive skill degradation: Analysis and evaluation in flight planning

Major in Information Systems

Venkat Kiran Boddapati *Chennai, India*
Piyush Dehru *Chandigarh, India*
Fang Fang *Shijiazhuang, China*
Swaminathan Jayaraman *Chennai, India*

Bhagyashri Dilip Parab *Pune, India*
Karl Edward Schindel *Ames, Iowa*
Mayank Sood *India*
Robert Wayne Trimble *Ankeny, Iowa*

Major in Interdisciplinary Graduate Studies

Nancy Leonor Nicho *Sioux City, Iowa*

Major in Interdisciplinary Graduate Studies (Biological and Physical Sciences)

Ray Jeffrey Lee *Ames, Iowa*
THESIS: Biomechanical analysis of bovine lamina

Major in Journalism and Mass Communication

Yao Liu *Wenzhou, China*
THESIS: A gendered perspective of local news: NewsStyle analysis of 2016 presidential campaign coverage in the Des Moines Register

§ Jared Charles Meisinger *Ames, Iowa*
THESIS: Citing your sources: How community journalists use social media for story content generation

Bakyt Serikovna Toptayeva *Semey, Kazakhstan*
THESIS: Antinuclear movements in the U.S. and Kazakhstan: A cross-cultural analysis of mass communication patterns

Haifan Xiao *Tianshui, China*
THESIS: Investigating religious conversion among Chinese college students: Testing the expansion of the Lofland and Stark model and the impact of media

Major in Kinesiology

Caleb Rodger Radley *Thatcher, Ariz.*
THESIS: The effects of predisposition and direction on ankle sprain risk predictive factors during jump landing

†† Jessica Ann Velthoff *Panama, Iowa*
THESIS: Utility of the handgrip and vertical jump assessments as fitness indicators in physical education

Major in Mathematics

Tyler A. Brown *Elizabethtown, Pa.*
Michael Steven Ross *Superior, Wis.*

Xingyu Tong *Shanghai, China*

Major in Meat Science

Danika Kay Miller *Terre Haute, Ind.*
THESIS: Processing characteristics and rheological properties of mechanically separated chicken and chicken breast meat

Brian Michael Patterson *Bloomington, Wis.*
THESIS: Novel observations of peroxiredoxin-2 profile and protein oxidation in skeletal muscle from pigs of differing residual feed intake and health status

Major in Mechanical Engineering

Saptarshi Basu *Kolkata, India*
THESIS: High-quality 3D shape measurement with binarized dual phase-shifting method

†† Sanvisna Kogelen *Subang Jaya, Malaysia*
THESIS: Transfer matrix modelling of double Helmholtz resonator arrays as sound insulating double panel partitions

Major in Microbiology

Charles Elliott Lewis *Knoxville, Tenn.*
THESIS: Biosurveillance utilizing engorged ticks as phlebotomists for xenodiagnosis

Major in Molecular Cellular and Developmental Biology

Karan Gera *Mumbai, India*
THESIS: Characterization of a Mucopolysaccharidosis Type I and GalNAc Transferase deficiency double knockout mouse

Major in Nutritional Sciences

Julia R. M. Lavalley *Cedar Rapids, Iowa*
THESIS: Evaluation of a high school nutrition education curriculum for the FCS classroom

Major in Organic Chemistry

Paige Marie Bouc *Lincoln, Neb.*
THESIS: Tuning of environmental probes

Brian Paul Schumacher *Franklin, Wis.*
THESIS: Design and application of porous organic frameworks for recyclable, heterogeneous, transition-metal catalysis

Major in Physical Chemistry

Jiyoung Lee *Ulsan, South Korea*
THESIS: All-in-one driver: What do groups 11 and 16 have in common?

Major in Plant Breeding

Brian Christopher Hughes *San Jose, Ill.*

Franciscus Petrus Zwemmer *Shepherd, Mich.*

Major in Psychology

Kaitlyn Suzanne Burke *Waukee, Iowa*
THESIS: Undergraduate research training environments: Impact on research self-efficacy, perceived utility of research, and willingness to engage in research post-graduation

Major in Seed Technology and Business

Inigo Ibarra Camou *Bragado, Argentina*
Adam Spelhaug *Kindred, N. Dak.*

Christine Ann Varner *Stockbridge, Mich.*

Major in Statistics

Nathaniel M. Garton *Crystal Lake, Ill.*
Yu Liu *Lanzhou, China*
Benjamin Peaden *Orem, Utah*

†† Taikgun Song *Seoul, South Korea*
Haiyang Zhang *Beijing, China*
Sen Zhou *Shanghai, China*

Major in Sustainable Agriculture

Ala' Ali Khaleel *Ames, Iowa*
THESIS: Soil carbon sequestration potential of tree windbreaks in the U.S. Great Plains

Marie Louise d'Auberville Ryan *New Orleans, La.*
THESIS: Khana khanu bhayo (Have you eaten)?
Traditional rice varieties, land tenure, and social structure in Nepal's mid-hills

Timothy James Sklenar *Glenwood, Iowa*
THESIS: Winter cereal rye and selected brassica cover crops for forage prior to soybeans

Katherine Grace Van Der Woude *Iowa City, Iowa*
THESIS: An analysis of BMPs and their combined effectiveness at reducing nitrate-nitrogen export to the Black Hawk Lake Watershed, Iowa

Major in Veterinary Clinical Science

Kayode Garraway *Ames, Iowa*
THESIS: Relationship of the mucosal microbiota to gastrointestinal inflammation and the presence of small cell intestinal lymphoma in cats

Major in Wildlife Ecology

Maggie Marie Jones *Elkins, W. Va.*
THESIS: Impacts of decreased female fidelity on male behavior and stress physiology in feral horses: Implications for contraception management

Patrick McGovern *Darnestown, Md.*
THESIS: Survival, space use, and radio telemetry accuracy of white-tailed deer fawns in central Iowa

Multiple Curricula and Majors

Roxanne B. Brooks *Norwalk, Iowa*
MAJORS: Information Assurance and Computer Engineering
THESIS: Virtual ICS test bed

Gabriel Joseph Evans *Carroll, Iowa*
MAJORS: Mechanical Engineering and Human Computer Interaction
THESIS: Development of a 3D conceptual design environment using a commodity head mounted display virtual reality system

Arielle True-Funk *Des Moines, Iowa*
MAJORS: Sociology and Gerontology
THESIS: Cumulative inequality and housing insecurity severity among renters in later life

Michael Benjamin Hayden *Ankeny, Iowa*
MAJORS: Information Assurance and Computer Engineering

Eric Dean Henely *Forest City, Iowa*
MAJORS: Computer Engineering (Secure and Reliable Computing) and Information Assurance

Josh Knight *Parker, Colo.*
MAJORS: Crop Production and Physiology (Seed Science) and Plant Breeding
THESIS: Effect of soybean sudden death syndrome on seed quality and agronomic trait QTLs

Alexander Roy Martin *Fayette, Iowa*
MAJORS: Agricultural and Biosystems Engineering and Environmental Science
THESIS: Surface water hydrology and quality in farmed prairie potholes of the Des Moines Lobe in Iowa

Corey Michael Summers *Indianapolis, Ind.*
MAJORS: Immunobiology and Kinesiology
THESIS: Impact of acute heat treatment on autophagy and insulin signaling in C2C12 myotubes

Elaine Virginia Vizka *Iowa City, Iowa*
MAJORS: Soil Science (Soil Fertility) and Environmental Science
THESIS: Detecting changes in soil health due to management in the context of landscape position

MASTER OF URBAN DESIGN

Major in Urban Design

Eric V. Lawrence *West Grove, Pa.*
Samuel David Merced Matos *Toa Alta, Puerto Rico*

Kiara Janelle Petty *Dolton, Ill.*
Reny Revariah *Indonesia*

DEGREE RECIPIENTS FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural Business

Kendall S. Forsen	<i>Mondamin, Iowa</i>	Hunter Douglas Kingsbury	<i>Indianola, Iowa</i>
Cassidy Hanson	<i>Linn Grove, Iowa</i>	Olivia C. Sorenson	<i>Isanti, Minn.</i>
Luke S. Johnson	<i>Grimes, Iowa</i>		

Curriculum in Agricultural Studies

Alfred John Boeh	<i>Bettendorf, Iowa</i>	Curtis J. Messer	<i>Mediapolis, Iowa</i>
Derek Maurice Counsell	<i>Orchard, Iowa</i>	Tyler Thomas Nicholson	<i>Indianola, Iowa</i>
Elizabeth Marie Dykstra	<i>Earlham, Iowa</i>	Ella Elizabeth Pieper	<i>Caledonia, Minn.</i>
Austin Taylor Geist	<i>Liscomb, Iowa</i>	Kathleen Rebecca Sams	<i>Whitten, Iowa</i>
Joshua John Holmes	<i>McCallsburg, Iowa</i>	Kate-Brileigh Sears	<i>Elkhart, Iowa</i>
Peter E. Lizza	<i>Glen Cove, N.Y.</i>	Suzanne Marie Spellman	<i>Dallas Center, Iowa</i>

Curriculum in Agricultural Systems Technology

Levi John Benning	<i>Plainfield, Iowa</i>	Zachary Carl Ross	<i>Lee's Summit, Mo.</i>
Patrick Lowell Haight	<i>Waterloo, Iowa</i>		

Curriculum in Agronomy

Thomas Scott Vizzard	<i>York, Pa.</i>
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Curriculum in Animal Ecology

* Cassandra Reita Baird	<i>Durand, Ill.</i>	Amanda Eileen Judas	<i>Johnston, Iowa</i>
Michal Sarah Christopher	<i>Cedar Rapids, Iowa</i>	Alexander Thomas Stevens	<i>Ankeny, Iowa</i>
Teagan Minami Disalvo	<i>Ames, Iowa</i>	Tyler Allen Thompson	<i>Brooklyn, Iowa</i>

Curriculum in Animal Science

Dorthy Jean Bedell	<i>Island Lake, Ill.</i>	Chelsea Marie Pilipiszyn	<i>Vista, Calif.</i>
Hope Elizabeth Brotherson	<i>Wall Lake, Iowa</i>	Shannon R. Pomar	<i>Los Angeles, Calif.</i>
Kyla Hoa Flatley	<i>Cumming, Iowa</i>	Alexander Scott Ritchie	<i>Johnston, Iowa</i>
Bria M. Hewitt	<i>Newton, Iowa</i>	Sydney Marie Rous	<i>Peoria, Ill.</i>
Latayshia D. Lacey	<i>Cedar Rapids, Iowa</i>	Sara Jessica Schectman	<i>Greenwich, Conn.</i>
Kuennen Murphy	<i>La Porte City, Iowa</i>	Harrison Greer Schmidt	<i>West Bend, Iowa</i>

Curriculum in Biology

*** Morgan Allcroft	<i>Geneva, Ill.</i>	Amanda Ann Heeren	<i>Marion, Iowa</i>
Randall William Davis	<i>Riverside, Iowa</i>	* Allyson Rae Witt	<i>Desert Hot Springs, Calif.</i>
*** Anna Elizabeth Drahos	<i>Muscatine, Iowa</i>	Zong Yang	<i>Otley, Iowa</i>

Curriculum in Environmental Science

Teagan Minami Disalvo	<i>Ames, Iowa</i>	Ian David Walsh	<i>Edina, Minn.</i>
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* *Cum Laude*
 ** *Magna Cum Laude*
 *** *Summa Cum Laude*
 † *Honors Program*

Curriculum in Forestry

Patrick Carney Hancock	Omaha, Neb.	Brandon Brent Sieck	Martell, Neb.
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Curriculum in Genetics

Zhichong Yu	Beijing, China
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Curriculum in Global Resource Systems

Amanda C. De Carvalho	Bayamon, Puerto Rico	* Jenna Elizabeth Sandquist	Osceola, Iowa
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Curriculum in Horticulture

Zora M. Fisher	Charles City, Iowa	Jacob Robert Lehmkuhl	Clinton, Iowa
Benjamin Michael Fox	Newton, Iowa		

Curriculum in Industrial Technology

Michael Joseph Anibas	White Bear Lake, Minn.	Troy B. Harding	Norwalk, Iowa
Jacob Michael Conway	Oakland, Iowa	Joshua David Sears	Cedar Rapids, Iowa
Michael Christopher Crowl	Plainfield, Ill.		

Curriculum in Microbiology

Elsadig Ibrahim A. I. Ali	Des Moines, Iowa	Riham J. Hussien	Des Moines, Iowa
Morgan Lynn Bixby	De Pere, Wis.	Adalissa Marina Ortiz	Marshalltown, Iowa
Jayde Linn Hapgood	Kensett, Iowa	Hevedar Saeed Yousif	Des Moines, Iowa

Multiple Curricula and Majors

Meghan Colleen Gray	Glenwood, Iowa	Evan Koehler	Sparland, Ill.
Animal Ecology and Forestry		Agronomy and Seed Science	
Hyaquino Hyacinthe	Chicago, Ill.	* Ruidan Ni	Beijing, China
Industrial Technology and Liberal Arts and Sciences: Major in Economics		Agronomy and Horticulture	

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

DEGREE RECIPIENTS FROM THE IVY COLLEGE OF BUSINESS

BACHELOR OF SCIENCE

Major in Accounting

Ahmed Mohamed Almarzooqi	Abu Dhabi, United Arab Emirates	** Jingfang Li	China
* David Ray Braun	Davenport, Iowa	Orion L. Nauman	Van Meter, Iowa
** Gabrielle Marie Dutchik	Iowa City, Iowa	Sterling Thomas Schaefer	Templeton, Iowa
Jon Gregory Hanson	Des Moines, Iowa	* Spencer Ellis Shane	Ames, Iowa
		Andrew David Stabno	Eden Prairie, Minn.

Major in Business Economics

* Yeongkeun Cho	Seoul, South Korea	*** Andrew Jacob Smith	Story City, Iowa
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Major in Finance

Tianhang Bai	Luoyang, China	Hanzheng Liu	Baoding, China
Niko John Beauchamp	Eden Prairie, Minn.	Patrick Loren Mahoney	West Des Moines, Iowa
Jack Thomas Ehresman	Eden Prairie, Minn.	John Christopher Misasi	Itasca, Ill.
Kyle Thomas Freeman	Sherman, Ill.	Joshua Robert Mundell	Waverly, Iowa
Grant Allen Frey	Waukee, Iowa	Grant Isaac Parks	Ames, Iowa
Monique Sharee Harris	Clinton, Iowa	Jordan L. Schulze	Indianola, Iowa
Madison Whitney Heilskov	West Des Moines, Iowa	John Thomas Terwilliger	Edina, Minn.
Nur Azfar Zaa Kamarudin	Kuala Lumpur, Malaysia	Siqi Wang	Tongxiang, China
Abby Rose Ketelsen	Denison, Iowa	James Gilbert Weir	Delafield, Wis.
Brandon Charles Knutson	Plymouth, Minn.		

Major in Management

Bailey Marie Bloomhall	Marion, Iowa	Jacob Alan Kramer	Cedar Rapids, Iowa
Justin Bott	Carol Stream, Ill.	Grant James Petrillo	Urbandale, Iowa
Rocco Henry Furio	Bartlett, Ill.	Seth Joseph Phillips	Solon, Iowa
Robert Eugene Irlmeier	Adair, Iowa	Cassidy Nicole Schmitt	Ankeny, Iowa
Kayla R. Kinzie	Des Moines, Iowa	Donald James Smith	Dakota City, Iowa

Major in Management Information Systems

Alexander Jacob Andringa	Bettendorf, Iowa	Junnie Alikou Kengni	West Des Moines, Iowa
Ryan Carney	West Des Moines, Iowa	Jed Robert Meier	Fredericksburg, Iowa
Jose Luis De Dios	Perry, Iowa	Benjamin Alfred Merz	Plymouth, Minn.
Tulio R. Diaz Barroeta	Barquisimeto, Venezuela	Levi Mitchell Miller	Charles City, Iowa
** Gabrielle Marie Dutchik	Iowa City, Iowa	Nicholas Ryan NaSal	Burnsville, Minn.
Clinton Jae Elliott	Robbinsdale, Minn.	Christopher David Pingel	Waukee, Iowa
Stephen Christian Hansen	Dekalb, Ill.	Jasmine A. Rahimi	Centerville, Iowa
Josie Anne Hyland	Jewell, Iowa	Michael W. Siebert	Johnston, Iowa
Jared R. Jasso	Omaha, Neb.	Hongyu Xiang	Nanjing, China

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 *** Summa Cum Laude
 † Honors Program

Major in Marketing

* Madeline Ann Chasey	Ames, Iowa	Thomas Chadwick Reece	Forest City, Iowa
Kevin Robert Child	Coto de Caza, Calif.	James Paul Reinertson	Slater, Iowa
Nolan D. Coyle	Gilberts, Ill.	Oscar Daniel Rivas	Fort Dodge, Iowa
Collin Sean Crowley	Cary, Ill.	James Paul Scieszinski	Waukee, Iowa
* Lindsey Kay Darland	Johnston, Iowa	Collin D. Shultice	Ankeny, Iowa
* Natalie B. Delaney	Lake Park, Iowa	Katherine Lyn Struthers	Ottosen, Iowa
Adam P. Hintz	Eldridge, Iowa	Joshua Jurey Wittmus	Fort Dodge, Iowa
Madeline Arlene Jaeger	Maple Grove, Minn.	Jacob Holden Zanders	Coon Rapids, Iowa

Major in Supply Chain Management

Nor Saadah Abdul Shukor	Temerloh, Malaysia	Jenna Kay Dunn	Council Bluffs, Iowa
Trey Lewis Castle	Indianola, Iowa	Alexa Ann Markley	Huxley, Iowa
Matthew King Conrad	Hoffman Estates, Ill.	William Ryan Schmeda	Lake Villa, Ill.
Taylor R. Davis	Victoria, Minn.	Vy T. Vo	Ames, Iowa

Multiple Curricula and Majors

Nicholas James Kieser	Roseville, Minn.	Gabriel Edward Torrison	Wayzata, Minn.
Business Economics and Supply Chain Management		Management Information Systems and International Business	
Kyle Brian Peterson	Lawton, Iowa		
Finance and Management Information Systems			

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

DEGREE RECIPIENTS FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

* Daniel John Cowden	<i>Cedar Rapids, Iowa</i>	James Quinn Lieven	<i>Milwaukee, Wis.</i>
Marco Uriel Del Rosario Rivera	<i>Westmont, Ill.</i>	Mikaela K. Meierhofer	<i>Woodbury, Minn.</i>
Nicole Marie Harrison	<i>Cedar Rapids, Iowa</i>	Wenjie Zheng	<i>Park City, Ill.</i>

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

Xingyan Fan	<i>Shanghai, China</i>	Tanner Jon Lemmon	<i>Carroll, Iowa</i>
Anthony Stephen Garcia	<i>Ankeny, Iowa</i>	Andrew Kille Smith	<i>Clive, Iowa</i>

Curriculum in Integrated Studio Arts

Zena Ann Olberding	<i>Carroll, Iowa</i>
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Curriculum in Interior Design

Xiomar Rajan Banks	<i>Baltimore, Md.</i>	Ariana Marie Radosevich	<i>Eden Prairie, Minn.</i>
Briana Michelle Burrell	<i>West Des Moines, Iowa</i>	Melanie A. Vong	<i>Des Moines, Iowa</i>
Kelsie Kristine Mapes	<i>Indianola, Iowa</i>	** Joel James Wienhold	<i>Lincoln, Neb.</i>

BACHELOR OF INDUSTRIAL DESIGN

Curriculum in Industrial Design

Tyler John Cox	<i>Granger, Iowa</i>	Michael E. Grossman	<i>Carroll, Iowa</i>
Adam Robert Dolata	<i>Aurora, Ohio</i>	Briar Scott Vandraska	<i>Swisher, Iowa</i>

BACHELOR OF LANDSCAPE ARCHITECTURE

Curriculum in Landscape Architecture

Jacob Martens Spitz	<i>West Bend, Wis.</i>
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BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Ahmad S. Alhammadi
<i>Khorfakkan, United Arab Emirates</i>

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

DEGREE RECIPIENTS FROM THE COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE

Curriculum in Aerospace Engineering

Raghul Ethiraj	Chennai, India	* Daniel Joseph Pace	Geneva, Ill.
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Curriculum in Agricultural Engineering

Logan G. Adkins	Shawnee, Kans.	Trevor John Bakker	Steamboat Rock, Iowa
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Curriculum in Chemical Engineering

Sara Kamaleldin Ibrahim	Ames, Iowa	*** Matthew Thomas Lentner	Ham Lake, Minn.
Nur Atikah Jahan Jubri	Kuala Lumpur, Malaysia	Adila Mohd Jamal	Shah Alam, Malaysia

Curriculum in Civil Engineering

Thomas John Berry	Mason City, Iowa	Siti Huwaida Muhammad Ghanisma	Selangor, Malaysia
Aleksei Charles Hnastchenko	Minneapolis, Minn.	Yuqian Ren	Lanzhou, China
Sarah Lynn Kirkegaard	West Des Moines, Iowa	Miguel Angel Tovar	Nevada, Iowa

Curriculum in Computer Engineering

Kory Dean Gray	Glenwood, Iowa	Almedin Emrudin Mulalic	Windsor Heights, Iowa
Avanish Chandra R. Kuntla	Ames, Iowa	Victory T. Omole	Waverly, Iowa
Ziming Liu	Changchun, China	Sandra Anne Sebastian	Burr Ridge, Ill.
Jesse Desire Luedtke	Hedgesville, W. Va.	William Allen Tangney	Grayslake, Ill.
Tyler Daniel Much	Muscatine, Iowa	Yuwen Xia	Suzhou, China

Curriculum in Construction Engineering

Sara Joy Peterson	Urbandale, Iowa	Joshua G. Powell-Littler	Iowa City, Iowa
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Curriculum in Electrical Engineering

*** Abdullah O. Al Obaidi	Baghdad, Iraq	Blake A. Pries	Eden Prairie, Minn.
Saad Fahad Alsudayri	Almadinah, Saudi Arabia	Wenrui Wu	Beijing, China
Jiameng Li	Hohhot, China		

Curriculum in Industrial Engineering

Colton James Bidlack	St. Charles, Ill.	John Spencer Santoro	St. Charles, Ill.
Dominic Michael Michele	Union, Ky.	Maxwell Thomas Veller	Omaha, Neb.

Curriculum in Materials Engineering

***† Ashley Ann McKenna	Vinton, Iowa		
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* Cum Laude
 ** Magna Cum Laude
 *** Summa Cum Laude
 † Honors Program

Curriculum in Mechanical Engineering

Khairunnas Awang	Sabah, Malaysia	** Manas Mahaddalkar	Mumbai, India
Hunter Ryan Bailey	Hamilton, Iowa	Scott Michael Marten	New Lenox, Ill.
Daniel Jonathan Bouk	Boone, Iowa	Paul McNicoll	Studio City, Calif.
Eric Daren Box	Nebraska City, Neb.	Laura Mary Michaelson	Dakota Dunes, S. Dak.
** Iain Crawford	Des Moines, Iowa	*** Connor Thomas Mouglin	Tiffin, Iowa
** Thomas Philip Cunningham	St. Charles, Ill.	Gwendolyn Clarice Nelson	St. Louis Park, Minn.
Alec John D'Amico	Galena, Ill.	** Tobey Charles Pribyl	Bettendorf, Iowa
**† Carolyn Nicole Darling	Aurora, Ill.	Gordon Richard Price	Excelsior, Minn.
Joseph Paul Doran	Edina, Minn.	Andrew Paul Raudabaugh	Grimes, Iowa
Erik Michael Drost	Emmetsburg, Iowa	Allison Marie Ray	South St. Paul, Minn.
James Lawrence Dykhoff	Delano, Minn.	* Shubham Ray	Gurgaon, India
Michael G. Feitel	Plymouth, Minn.	Nicholas Conlan Reiter	Gilberts, Ill.
Jared Lee Fulk	Atlantic, Iowa	Kyle Davis Schares	La Porte City, Iowa
Antony I. Gladwyn-Nash	Altoona, Iowa	Jacob A. Schleining	Aurora, Ill.
Miguel Angel Guerrero-Flores	Des Moines, Iowa	** Eric James Schussler	Marion, Iowa
Samuel Elias Hartman	Burlington, Iowa	** Anush Seenappa	Ramanagar, India
Grayson Thomas Harvey	Crescent, Iowa	Paul Robert Sharkey	Shoreview, Minn.
Chase Alan Higginbotham	Knoxville, Iowa	** Jacob Cole Smiley	Granger, Iowa
Dallas Allen Houchins	Des Moines, Iowa	Adam Edward Stedronsky	Chaska, Minn.
Aaron M. Hudgins	Kansas City, Mo.	Benjamin Gregory Steele	Stillwater, Minn.
Myra Rose James	Omaha, Neb.	Jiazheng Sun	Beijing, China
* Nikunj Kedia	Mumbai, India	Jonathan G. Tobon	Chicago, Ill.
Benjamin Charles Kollasch	Bancroft, Iowa	Nicholas Shannon Weich	La Porte City, Iowa
Noah Anthony Leuer	Austin, Minn.	Zhen Yan	Schaumburg, Ill.
Benjamin Jacob Lueth	Mount Vernon, Iowa	Luyang Zhao	Qingdao, China
Kevin Gregory Lynch	Cary, Ill.		

Curriculum in Software Engineering

Samuel John Kline	Cedar Rapids, Iowa	Bradlee Stiff	Ames, Iowa
Luke Michael Sternhagen	Belvidere, Ill.		

Multiple Curricula and Majors

**† Nolan Lloyd Dickson	Ames, Iowa
CHEMICAL Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	

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

DEGREE RECIPIENTS FROM THE COLLEGE OF HUMAN SCIENCES

BACHELOR OF SCIENCE

Curriculum in Apparel, Merchandising, and Design

Paige Mackenzie Agustsson	Duluth, Minn.	Yu-Ching Lin	Taipei, Taiwan
Jasmine Mariah Ardoin	Ames, Iowa	Liza Lovan	Spencer, Iowa
Brenna Rose Bakke	Carroll, Iowa	Joris I. Montijo	Barceloneta, Puerto Rico
Reed Everett Barron	Oak Park, Ill.	* Rachel Sandra Mueller	Pella, Iowa
Isis L. Devalle	Bettendorf, Iowa	* Colin Joseph Parsons	Geneva, Ill.
*** Megan Renee Ermer	Mason City, Iowa	Megan Marie Schlamp	Parkersburg, Iowa
* Elizabeth Ann Hlas	Sioux City, Iowa	Cassidy Nicole Schmitt	Ankeny, Iowa
Lyndsey Nichole Knight	Cedar Rapids, Iowa	Caye Eleanor Schnackel	Crescent, Iowa
Danielle Anna Koehler	Bedford, Iowa	Kourtne M. Stephenson	Anita, Iowa
Megan Gail Krumme	Prole, Iowa	Christy Ashley Yang	Rosemount, Minn.

Curriculum in Child, Adult, and Family Services

Gabrielle Marie Anker	Polk City, Iowa	** Gabrielle Ruth Llewellyn	Urbandale, Iowa
** Lesley Alondra Banda	Storm Lake, Iowa	Jason Michael Meihost	Norwalk, Iowa
** Kaitlyn Nicole Barr	Ames, Iowa	Savannah Rae Mendenhall	West Des Moines, Iowa
Alessandra Cuevas-Collazo	Guaynabo, Puerto Rico	Lindsey Nicole Milburn	Albia, Iowa
* Olivia Jaclyn Day	Norwalk, Iowa	** Annmarie Moore	Council Bluffs, Iowa
Andrea De Santiago	Des Moines, Iowa	Kaitlyn Gayle Nelson	Panora, Iowa
** Belinda Marie Erickson	Independence, Iowa	Breanna Lee Nuzum	Mondamin, Iowa
Savannah Mae Findley	Milton, Iowa	Jalen Rachael Parrington	Eden Prairie, Minn.
Adriane Ann Frauenholtz	West Liberty, Iowa	Luke Ralland Polzin	Cedar Rapids, Iowa
Madison Emelia Haman	Stratford, Iowa	Samantha R. Ringgenberg	Kelley, Iowa
Taylor Jordan Hardin	Jefferson, Iowa	Hannah Lynn Rosacker	Forest City, Iowa
Abigail Ann Harrison	Des Moines, Iowa	** Abby G. Safley	Ankeny, Iowa
Bailey Kayeann Hinrichs	Nevada, Iowa	* Chandra Rae Schwartz	Ames, Iowa
Courtney Anne Horstman	Englishtown, N.J.	KeAnna Grace Skinner	Madrid, Iowa
* Cindy Villa Huerta	Galva, Iowa	Bailey Jean Stanley	Essex, Iowa
** Amanda Margaret Ihle	Polk City, Iowa	Aubrey Jane Sullivan	Indianola, Iowa
Rachel Anne Jagerson	Madrid, Iowa	** Kasey Darlene Taggart	Ogden, Iowa
Heather Lynnae Jansen	Sully, Iowa	Tess Marie Taylor	New Virginia, Iowa
** Christopher John Johnson	Argyle, Iowa	Brooke Leann Thornton	Nashua, Iowa

Curriculum in Culinary Food Science

Casey James Halder Urbandale, Iowa

Curriculum in Diet and Exercise

* Rebecca Ann Harken Mason City, Iowa ***† Mitchell Evan Zaplatosch Homer Glen, Ill.

Curriculum in Early Childcare Education and Programming

Katie Elizabeth Austin Owatonna, Minn.

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

Curriculum in Event Management

Noel Bethany Constable	Fort Dodge, Iowa	* Mikaela Lighty	Solon, Iowa
Emily Walsh Dodd	Mason City, Iowa	* Ashley Sophia Nogel	Ames, Iowa
Courtney M. Gordon	Clive, Iowa	Mindy Ann Salzbrenner	Mount Vernon, Iowa
Bailey Nicole Greiner	Polk City, Iowa	Madison Reign Strong	Ankeny, Iowa
Lauren Heineman Ambrosy	Readlyn, Iowa	Nicholas Alan Weiler-Babb	Arlington, Tex.
Sara Elizabeth Larson	Andover, Minn.	Christina Lorene Wolf	Denver, Colo.

Curriculum in Family and Consumer Sciences Education and Studies

Cynthia Dayana Banda Denison, Iowa

Curriculum in Financial Counseling and Planning

Troy Russell Hamilton De Witt, Iowa * Kristina Renee Sasse Ankeny, Iowa

Curriculum in Hospitality Management

Clinton R. Dailey Savannah, Ga. Claire Ellen Ricketts Parker, Tex.
Jordyn Lynn Livermore Muscatine, Iowa Calvary Michael Tutson Iowa City, Iowa
Cullen Henry Maahs Johnston, Iowa

Curriculum in Kinesiology and Health

Holly Nicole Adkins	Twinsburg, Ohio	** David S. Pauls	Cedar Rapids, Iowa
Lindsay Marie Blomme	Eldridge, Iowa	Minh Nguyen Quang Phan	Des Moines, Iowa
Brooke Marianne Bothun	New Prague, Minn.	Nathan Anthony Rodriguez	Chandler, Ariz.
Taylor Renee Boyle	Oskaloosa, Iowa	Kayla A. Salyer	Urbandale, Iowa
Hunter James Brandt	Ankeny, Iowa	Katelyn Rae Sanders	Pleasantville, Iowa
Taryn M. Buennemeyer	Chatham, Ill.	Christa Marie Sawyer	Ames, Iowa
Sergio Valente Dismute	Fort Dodge, Iowa	Jordan Janssen Schaeffer	Council Bluffs, Iowa
Malaysia Rae Duncan	Des Moines, Iowa	Jessica Rose Anne Schafer	North Mankato, Minn.
Emily Corinne Durr	Barneveld, N.Y.	Riley Kaleb Scroggie	Farragut, Iowa
* Kaitlin Marie Ford	Dubuque, Iowa	Deborah Ruth Sheets	Moulton, Iowa
Yirhel Garcia	Des Moines, Iowa	** Andrew J. Sheker	Fort Dodge, Iowa
Josh William Greufe	Ames, Iowa	Derek W. Smallen	Farmington, Mo.
Jade Bunker Harris	Ames, Iowa	Carson Lynn Sparkman	Grayslake, Ill.
Harris Jakupovic	Des Moines, Iowa	Zoe Elizabeth Swartz	Plymouth, Minn.
Carson Elaine Jarrard	Fort Dodge, Iowa	Jacob Mitchell Tatta	Council Bluffs, Iowa
Andrew Thomas Johns	Fridley, Minn.	Michael Thach	Davenport, Iowa
Dantrell L. Kelley	Clinton, Iowa	Christopher Daniel Tharp	Guthrie Center, Iowa
Mackenzie L. Klemme	Collins, Iowa	Kathryn Nicole Vitosh	Iowa City, Iowa
** Sara Ann Knee	Urbandale, Iowa	Sidney Walter	Lakeville, Minn.
Timothy Allen McGrath Jr.	Ankeny, Iowa	Cali Suzanne Westergard	Ireton, Iowa
Samantha L. McNamara	St. Louis Park, Minn.	Kolton L. Wicks	De Soto, Iowa
Samuel Hoy Nowachek	Davenport, Iowa	Abigail LeeAnne Wilson	Clive, Iowa
Joshua Michael Pansegrau	Ames, Iowa		

Curriculum in Nutritional Science

Jordon Plueger Ankeny, Iowa Katherine Dayana Vega Denison, Iowa

Multiple Curricula and Majors

Carena Victoria Anderson	Lakeville, Minn.	* Victoria Mae Palm	Mound, Minn.
Apparel, Merchandising, and Design and Business: Major in Marketing		Apparel, Merchandising, and Design and Liberal Arts and Sciences: Major in Communication Studies	
Laura Catherine Miksch	Columbus, Neb.	* Benjamin Richard Poirier	Eden Prairie, Minn.
Kinesiology and Health and Environmental Studies		Apparel, Merchandising, and Design and Business: Major in Marketing	

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† Honors Program

DEGREE RECIPIENTS FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

BACHELOR OF ARTS

Major in Advertising

Amanda Babyar	Westmont, Ill.	Allison Jean Kayser	Cedar Rapids, Iowa
Nina Kathryn Bernardi	Dubuque, Iowa	Jacob Robert Kennedy	West Des Moines, Iowa
Wendy Carolina Helen Cardwell	New Prague, Minn.	Jordan Nicole Krafka	Des Moines, Iowa
Daniel T. Cross	Mundelein, Ill.	Jory J. Martin	Country Club Hills, Ill.
Kaari Elle Devens	Johnston, Iowa	Cassandra Marie Quinnert	Darien, Ill.
Hannah Lynne Harfst	Webster City, Iowa	Katie Lynn Reed	Ames, Iowa
Jamie Martin Huenecke	Holstein, Iowa		

Major in Anthropology

Emma Curtis Thornberry	Panora, Iowa
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Major in Biological/Pre-Medical Illustration

Nibras Abdelgadir Abdalla	Des Moines, Iowa	* Brianna Morgan Monroe	Ames, Iowa
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Major in Chemistry

Dante Mautino	Ankeny, Iowa
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Major in Communication Studies

Maida Fatic	Des Moines, Iowa	Joshua Douglas Wick	Cedar Rapids, Iowa
Tyler Robert Peterson	West Des Moines, Iowa	Katelyn Jass Ziesman	Baxter, Iowa

Major in Criminal Justice Studies

Shae David Bartusek	Osage, Iowa	Alex Richard Oswald	Webster City, Iowa
Adam Duane Bistrup	Armstrong, Iowa	Luke Daniel Plesher	Sioux City, Iowa
Joshua Tyler Fane	Unionville, Iowa	Alexander James Rindone	Council Bluffs, Iowa
Token Kayl Hall	Chariton, Iowa	Kieran Deen Robuck	Knoxville, Iowa
Luke David Harrison	Council Bluffs, Iowa	Christian M. Roos	Sioux City, Iowa
Daniel Ray Jeckell	Schaller, Iowa	Kentleigh Tym	Hubbard, Iowa
Tanner Jordan Merrifield	Runnells, Iowa	Karlee Marie Walker	Lehigh, Iowa
Abbey Leigh Olderog	Muscatine, Iowa		

Major in English

Nickolas Steven Gabler	Minnertonka, Minn.	***† Gesila Ellen Macek	Des Moines, Iowa
* Daphne Rae Heimensen	Orange City, Iowa	* Monica Karmen Maurer	Des Moines, Iowa
Lindsey Dawn Huber	Stockport, Iowa	Kelsey Anne Smith	Fairfield, Iowa
Eric Lowell Johnson	Polk City, Iowa	Greer Caroline Stratton	Ankeny, Iowa
Samantha Mae Keller	Clive, Iowa	Keyana Caprice Williams	West Chicago, Ill.

Major in Interdisciplinary Studies (Classical Studies)

Courtney Marie Chartier	Mantua, Ohio
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* Cum Laude
 ** Magna Cum Laude
 *** Summa Cum Laude
 † Honors Program

Major in Interdisciplinary Studies (Criminology and Criminal Justice)

Justin Kenneth Alcalá	<i>Davenport, Iowa</i>	Aaron Reese Peter	<i>Prairie City, Iowa</i>
Mallory A. Dempsey	<i>Mason City, Iowa</i>	Jordynn Patricia Pofert	<i>Plymouth, Minn.</i>
Marcus Scott Harrington	<i>Washburn, Iowa</i>		

Major in Linguistics

Lucas Michael Gonzalez	<i>Ankeny, Iowa</i>
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Major in Music

* Jenna Elizabeth Sandquist	<i>Osceola, Iowa</i>
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Major in Philosophy

Aly Ashraf Anwar Sawaf	<i>Schaumburg, Ill.</i>
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Major in Political Science

Joshua Len Dewald	<i>Ames, Iowa</i>	Haris Hambasic	<i>Ankeny, Iowa</i>
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Major in Psychology

Bailey Anne Baldock	<i>Waukee, Iowa</i>	Kelsey Lynn Manuel	<i>Altoona, Iowa</i>
Liera Inez Bender	<i>Urbandale, Iowa</i>	Breanna Lee Nuzum	<i>Mondamin, Iowa</i>
Connor Sean Cahill	<i>Cedar Rapids, Iowa</i>	Moriah Kanstyn Pietzyk	<i>West Des Moines, Iowa</i>
** Yingqi Huang	<i>Changchun, China</i>	Lucas Wade Schuster	<i>Johnston, Iowa</i>
Rachel Arlene Johnson	<i>Carlisle, Iowa</i>	Emily Pauline Tice	<i>Des Moines, Iowa</i>
Jialu Liu	<i>Jiaozhou, China</i>	Joseph Jorge Wagner	<i>Elkader, Iowa</i>

Major in Sociology

Christine E. Lawler	<i>Des Moines, Iowa</i>	Alexia Nicole Stone	<i>Grinnell, Iowa</i>
***† Gesila Ellen Macek	<i>Des Moines, Iowa</i>		

Major in Speech Communication

Emily Jo Behrend	<i>Harlan, Iowa</i>
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Major in World Languages and Cultures (French)

**† Sarah Gwinn Potter	<i>Savage, Minn.</i>
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Major in World Languages and Cultures (Spanish)

Ashley Marie Damewood

Multiple Curricula and Majors

Tanner Dennis Bruhn	<i>Fenton, Iowa</i>	Maleah Novella Kern	<i>Wilton, Iowa</i>
Interdisciplinary Studies (Criminology and Criminal Justice) and Sociology		Psychology and Criminal Justice Studies	
Kelsey Ann Garin	<i>Newhall, Iowa</i>	Isaiah Michel McNamee	<i>Waterloo, Iowa</i>
Advertising and International Studies		Criminal Justice Studies and Sociology	
* Finn Hauptert Hoogensen	<i>West Des Moines, Iowa</i>	Justin D. Tew	<i>West Des Moines, Iowa</i>
English and Journalism and Mass Communication		Criminal Justice Studies and Sociology	

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

BACHELOR OF LIBERAL STUDIES

Major in Liberal Studies

Kurt Adams	St. Charles, Iowa	Kyle Joseph Kempt	Massillon, Ohio
Tessa Dawn Bean	Ottumwa, Iowa	Seth Steven Kipp	Fredericksburg, Iowa
Jaymes Holmes Dennison	Penns Grove, N.J.	Andrew David Francis Kratt	Faribault, Minn.
Daija Laniece Dietz	Maplewood, Minn.	Erica Celeste Lonesome	Chantilly, Va.
Lori Jean Dreessen	Westside, Iowa	Paige Elizabeth Meyer	Norwalk, Iowa
Jack Ryan Fischer	Cedar Rapids, Iowa	Margaret Grunder Nauditt	Wilton, Iowa
Rachel Marie Fornaris	Riverside, Ill.	Arturo G. Romero Jr.	Manchester, Mo.
Stephanie Rae Gorostiague	Ankeny, Iowa	*** Shamini Shetye	West Des Moines, Iowa
Bailey Rae Holtz	Whiting, Iowa	Matthew Carmody Tormey	Urbandale, Iowa
Meghan Renee Jolly	West Des Moines, Iowa		

BACHELOR OF SCIENCE

Major in Anthropology

Catherine Kraehling	Ames, Iowa
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Major in Biochemistry

Ahmed Mohammed Al-Khalili	Muscat, Oman	Steven Siang	Des Moines, Iowa
Cody Ryan Lemke	Ingleside, Ill.		

Major in Biology

Conner Charles Davis	Burlington, Iowa	Abby Anne Simbro	Bondurant, Iowa
** Alex P. Hashemi-Toroghi		Owen Russell Tazelaar	Minnetonka, Minn.
Adam William Kusler	West Des Moines, Iowa		

Major in Chemistry

Jackson Jay Kiepke	Naperville, Ill.
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Major in Computer Science

Joshua James Brenneman	Coralville, Iowa	Akhil Reddy Sangem	Naperville, Ill.
Adam K. Kiel	Mount Prospect, Ill.	Christian Zillman Shinkle	Lynnville, Iowa
Ao Liu	Beijing China		

Major in Economics

Aly Ashraf Anwar Sawaf	Schaumburg, Ill.
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Major in Environmental Science

Eric Joseph Loeffelholz	Cedar Rapids, Iowa
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Major in Genetics

Morgan Lynn Bixby	De Pere, Wis.	* Sheridan Leili Schwartz	Yorba Linda, Calif.
Kelsi J. Hagerty	Marengo, Ill.	Yaohua Zhao	Shaanxi, China

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

Major in Geology

** Rachael Marie Dank Jayesh Karani John Thomas Mills	Des Moines, Iowa India Lake Elmo, Minn.	Ryan P. Thompson Trevor Van Dyke	Bettendorf, Iowa Dumont, Iowa
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Major in Journalism and Mass Communication

Colin Christopher Burczek Sequan A. Gatlin Youssef Brandon Ghazali Angela Theresa Jachniw Olivia Susan Kudla Colton M. Loftin McKinley Anthony Nelson	Marion, Iowa Davenport, Iowa Urbandale, Iowa Algonquin, Ill. Joliet, Ill. Grinnell, Iowa Lakeville, Minn.	Natasha Marie Novak Nicole Leona Paulson Parker Kelly Reed *** Claire Anne Smith Brooke Erin Tesdall ** Sydney Amanda Upah	Kalamazoo, Mich. Minden, Iowa West Des Moines, Iowa Belmond, Iowa Ames, Iowa Tama, Iowa
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Major in Mathematics

Katherine Elise Apland Tianhang Bai	West Des Moines, Iowa Luoyang, China	*** Anna Christine Krettek	Omaha, Neb.
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Major in Psychology

Mercedes Lynn Bergenske Devin Edward Bollig ** Daniel James Gibadlo Joshua M. Lai * Brittany Rose Marxen Alexandria K. Miller	Mansfield, Tex. Fenton, Iowa Bartlett, Ill. Hiawatha, Iowa Rock Island, Ill. Cambridge, Iowa	Blaithin Autumn Moran Abbey Leigh Olderog Christopher A. Phillips Joanna Christine Roberts * Kristen Nicole Tinguely	Pella, Iowa Muscatine, Iowa Sycamore, Ill. Audubon, Iowa Fort Madison, Iowa
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Major in Public Relations

Blair Christine Bailey Anne Mckenzie Gentilini Quincy Rae Grittmann Sarah Ann Knabel Harrison C. LaGambina ** Samantha Jo Lenz Jordyn Lorene Levendusky	State Center, Iowa Farmington, Minn. Montour, Iowa Dubuque, Iowa Bartlett, Ill. Sioux Falls, S. Dak. Fairbank, Iowa	* Sidney Anne Logan Marco Nunez Savanna K. Pardekooper Jade Anne Rich Morgan Lynn Roese Colleen Marie Spellman Miles Thomas Tritle	Norwalk, Iowa Urbandale, Iowa Iowa City, Iowa Monticello, Iowa West Des Moines, Iowa Woodward, Iowa Ames, Iowa
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Major in Statistics

Genyi Huang	Chengdu, China
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Multiple Curricula and Majors

Emma Elizabeth Blomquist Public Relations and Communication Studies	Apple Valley, Minn.	Yiwen Liu Statistics and Economics	Shanghai, China
** Kyle Wayne Bogatz Geology and Environmental Science	Murdock, Neb.	Patrick Leo McLaughlin Journalism and Mass Communication and Business: Major in Finance	Ames, Iowa
Samantha Ann Cerretti Psychology and Interdisciplinary Studies (Criminology and Criminal Justice Studies)	Kenosha, Wis.	Zexi Nong Mathematics and Business: Major in Finance	Nanning, China
Alicia Inez Huerta Public Relations and Speech Communication	Dallas, Tex.	Hannah Lynn Postlethwait Journalism and Mass Communication and Interdisciplinary Studies	Marion, Iowa
Evan Donald Janssen Public Relations and History	Ackley, Iowa	*** Brittany Marie Theilen Geology and Environmental Studies	Ames, Iowa
* Lindsay Ann Koehler Journalism and Mass Communication and Performing Arts	Elk Grove Village, Ill.		

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program



Past Honorary Degree Recipients

PAST HONORARY DEGREE RECIPIENTS

The first honorary degree was conferred in 1877. Following is a list of those receiving honorary degrees, starting with the year they received the degree, followed by their name and the honorary degree they received. In some cases a notation is included about the individual if that information is available.

1877: Isaac R. Roberts, Master of Agriculture. Farm Superintendent at Iowa State University.

1879: 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., 1884, 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.

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.

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

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: Thorton 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 Julliard School of Music; distinguished faculty member at Julliard 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.

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/MIAs; and member of the US-Russia POW/MIA Commission.

2009: J. Dwayne McAninch, Doctor of Science. Founder, McAninch Corporation; adviser to the board of Caterpillar/Trimble Control Technologies, LLC; provided leadership for applying GPS technology to construction methods.

2009: Chan Koo Park, Doctor of Science. B.S., 1976, Iowa State; Chairman and CEO of chemical operations, Kumho Asiana Group; leader and innovator in the petrochemical industry; helped establish Asiana Airline, Kumho Express and Kumho Telecomm divisions; awards include: Gold Tower Industry Honor, Korea's highest corporate CEO award, Korea's Environment-Friendly Award, and several awards from the Office of the Korean President for contributions to the national economy, industry safety standards, labor relations, the environment and social responsibility.

2009: M. Patricia Quinlisk, Doctor of Science. B.S. University of Wisconsin, Stevens Point; Master of Public Health from Johns Hopkins University; and M.D. from the University of Wisconsin, Madison. Epidemiologist and Medical Director of the Iowa Department of Public Health for the state of Iowa.

2010: Harold L. Brock, Doctor of Science. Apprenticed with Henry Ford at the Ford Trade and Apprentice School at age 15 and became Henry Ford's personal engineer; founding member of the board of directors of Hawkeye Community College in Waterloo; the Brock Student Center at Hawkeye Community College named in his honor; Director of Tractor Research and later Manager of Product Engineering at the John Deere Waterloo Tractor Works; designed the Deere 4020 tractor and brought it into production in 1963; founding member and president of the Society of Automotive Engineers (SAE), Mississippi Valley Section; recipient of the Cyrus Hall McCormick-Jerome Increase Case Gold Medal from the ASABE.

2010: Jonathan D. Rich, Doctor of Science. B.S. Iowa State; Ph.D. University of Wisconsin; over 20 years of experience in the silicones industry, starting as a research chemist and progressing to CEO of the second-largest producer of silicones and silicone derivatives in the world; director of Momentive Performance Materials Inc. in June 2007; joined Goodyear Tire and Rubber Company in 2000, serving as director of chemical R&D, president of Goodyear Chemical, and in 2002 was named president, North American Tire, and Chairman of the Board, Goodyear Dunlop Tires NA; serves on Iowa State University's Institute for Physical Research and Technology (IPRT) Industrial Advisory Board.

2011: Harold Scheraga, Doctor of Science. B.S., 1941, City College of New York; A.M., 1942 and 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. and 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. and 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 and University of Pretoria; M.S. University of Texas; Ph.D. Vanderbilt University. Global Practice and Technology Leader for Black and 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.

2014: Stephen J. Rapp, Doctor of Humane Letters. B.A. Harvard, J.D. Drake University. Appointed U.S. attorney in the Northern District of Iowa, serving from 1993-2001. In 2001, he led the prosecution of the "media trial" following the 1994 Rwandan genocide. He then served as chief prosecutor of the Special Court for Sierra Leone. In 2009, he was appointed by President Obama as U. S. ambassador-at-large for war crimes issues in the Office of Global Criminal Justice.

2015: Dame DeAnne Julius, Ph.D., Doctor of Humane Letters. B.S. Iowa State University; M.A. and Ph.D. University of California, Davis. International economist, served as economic analyst for the U.S. Central Intelligence Agency and project economist for the World Food Bank. Named by Queen Elizabeth, II to Commander of the Most Excellent Order of the British Empire for national civilian service; and Dame Commander in the Most Distinguished Order of Saint Michael and Saint George. Serves as chair of the Governing Council of the University College London.

2015: Eugene G. Sukup, Doctor of Science. Founder of Sukup Manufacturing Co., largest family-owned, full-line grain drying and storage equipment manufacturer. Entrepreneur and civic minded philanthropist with more than 80 U.S. patents. Innovative inventor dedicated to solving food grain production problems and also helping to feed and clothe people around the globe.

2016: Ernest Moniz, Doctor of Science. B.S. Boston College, Ph.D. Stanford University, and honorary degrees from the University of Athens, the University of Erlangen-Nuremberg, Michigan State University and Universidad Pontificia de Comillas. As U.S. Secretary of Energy, he was tasked with implementing critical Department of Energy missions in support of President Obama's goals of growing the economy, enhancing security and protecting the environment. Prior to his appointment, he served as Under Secretary of the Department of Energy and was the Cecil and Ida Green Professor of Physics and Engineering Systems at the Massachusetts Institute of Technology (MIT), where he was a faculty member since 1973.

2017: Dennis A. Muilenburg, Doctor of Science. B.S. Iowa State University; M.S. University of Washington. Chairman of the board, president and chief executive officer of The Boeing Company. Fellow of the American Institute of Aeronautics and Astronautics (AIAA) and the Royal Aeronautical Society. He oversees the strategic direction of the Chicago-based, \$94.6 billion aerospace company. With more than 150,000 employees across the U.S. and in more than 65 countries.

2018: Dwight Ink, Doctor of Humane Letters B.S. Iowa State University. Ink, a native Iowan and the first Iowa State student to earn a degree in government, is an accomplished civil servant with extraordinary and outstanding contributions to numerous federal agencies, as well as the author of two books on governing, and has been a trusted advisor to seven U.S. presidents.

2018: Jon Kinzenbaw, Doctor of Science. Kinzenbaw, chief executive officer and chairman of the board for Kinze Manufacturing Inc. in Williamsburg, Iowa, is an accomplished Iowa farmer, inventor, manufacturer, and entrepreneur. Kinzenbaw has produced a stream of successful innovations to agricultural mechanization, resulting in 37 patents and numerous award and honors for his achievements.

THE BELLS OF IOWA STATE

Words and Music by
"Jim" Wilson

Green hills for thy throne, and for crown a gold - en mel - o - dy
Ring - ing in the hearts of all who bring thee love and loy - al - ty;
Dear Al - ma Ma - ter, make our spir - its great,
True, and val - iant like the bells of I - o - wa State.

THE HISTORY OF "THE BELLS OF IOWA STATE"



Iowa State University Library
Special Collections Department

James C. Wilson (1900-1995) was a member of Iowa State's English faculty from 1928 to 1931. He had to resign due to his lack of a Ph.D., and prior to his departure, he submitted a college song candidate for a song contest sponsored by the Iowa State Club of Chicago.

Jim and his wife, Alice, moved to Chicago where as he notes, "We (in addition to their two babies) had \$212 in cash from my last paycheck, our five-year-old Chevrolet, and the tent." He won first place with "The Bells of Iowa State," and the family was able to purchase a small cottage on Lake Michigan.

"When I wrote 'The Bells of Iowa State,' I thought then that it had much more depth and emotion than your basic football fight song," Wilson said. "Its continuing popularity leaves me very pleased, not so much because it's my own song, but because it has had such a good effect on those who have been touched by it." (The Iowa Stater, June 1983)