



# FALL COMMENCEMENT

SATURDAY, NOVEMBER 28, 2020

IOWA STATE UNIVERSITY

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



*Congratulations to all of the Fall 2020 graduates of Iowa State University, and thank you to everyone who played a role in their successful journey.*

*Graduation 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 162nd 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 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.

*Wendy Wintersteen  
President of the University*



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*Candidates for degrees listed in the Fall 2020 section of this program reflect information received by the Office of the Registrar as of October 5, 2020. Listing in this program is not proof of graduation.*

## THE OFFICIAL UNIVERSITY MACE

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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.

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

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The presidential chain of office symbolizes the rich history and traditions of Iowa State University. It 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.

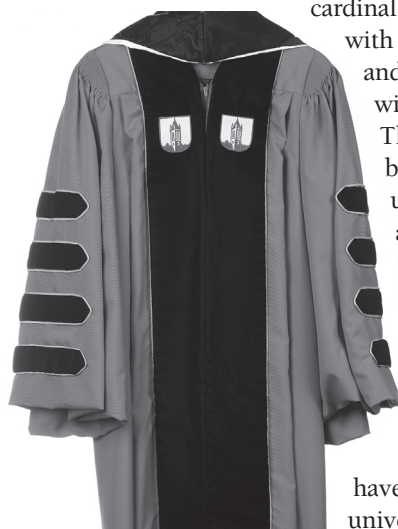
The mace and first presidential chain of office ("Monile Praesidis Maximus") was commissioned by University Museums and the ISU Alumni Association in 2008. The second presidential chain ("Monile Praesidis Secundum"), a proportionally smaller version commissioned by University Museums in 2018, was supported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



## ACADEMIC REGALIA

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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

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

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

are truly experts in their fields whose research has 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

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

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

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

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

§ Research Excellence Award

†† Teaching Excellence Award

## SPECIAL RECOGNITION, UNDERGRADUATE DEGREES

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

At Iowa State University, candidates for graduation with distinction must have completed 60 semester credits of coursework at ISU at the time they graduate, including a minimum of 50 graded credits. Those graduating summa cum laude (with highest distinction) have earned a grade point average of 3.90 or higher; magna cum laude (with great distinction) have a grade point average of 3.70 to 3.89; or cum laude (with distinction) have a grade point average 3.50 to 3.69. Grade point averages are based on a 4.00 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)



**Fall 2020**

Candidates for Graduate Degrees





## GRADUATE COLLEGE COMMENCEMENT SPEAKER

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### **Ann Marie Fiore, University Professor, Iowa State University**

**D**r. Ann Marie Fiore is a University Professor and an Associate Chair for the Department of Apparel, Events, and Hospitality Management (AESHM) at Iowa State University (ISU). She also serves as the Director of Graduate Education for the AESHM Department. In that capacity, she has spearheaded development of agreements with top universities in Mainland China, Malaysia, South Africa, and Taiwan. As a reflection of her significant contributions in the Director of Graduate Education role, she received the ISU Margaret Ellen White Graduate Faculty Award.



Her teaching and research contributions are focused in the areas of aesthetics, consumer behavior, and marketing. Along with her numerous published articles, Dr. Fiore is an author of two books. Her research includes projects funded by the United States – India Educational Foundation, the United States

Department of Agriculture, the International Council of Shopping Centers, the International Textiles and Apparel Association (ITAA), and the Iowa Department of Economic Development. Dr. Fiore is an ITAA Fellow and was a Scientific Excellence Advisor for the National Textiles Center. She was one of 20 faculty/staff members selected for the first cohort of the ISU Emerging Leaders Academy. Dr. Fiore serves on the editorial review board for *Psychology & Marketing*, and she also serves as a reviewer for numerous other journals related to marketing, tourism, e-commerce, and retailing.

Dr. Fiore's international reputation is evidenced by her position as the 2009-2012 Chutian Visiting Scholar for Wuhan Textiles University in China, her keynote speaker roles at the Orange Beneficence – International Conference in Taiwan and the International Forum on Textile Science and Engineering for Doctoral Candidates, and her Visiting Expert role at the University of Pretoria, South Africa. Dr. Fiore has a B.S. from Rutgers University and a M.S. and Ph.D. from the University of Minnesota.

## GRADUATE COLLEGE STUDENT MARSHAL

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### **Amy Petry**

*Hometown: Weatherford, Texas*

*Major: Animal Science*



Amy Petry is a Ph.D. candidate and USDA-AFRI National Needs Fellow in the Department of Animal Science. Amy's dissertation research is investigating the mode of action of xylanase in pigs fed corn-based fiber, a research pursuit that aims to improve a pig's utilization of fiber and reduce feed-cost for pork producers.

Amy has collaborated with other scientists in her pursuit of understanding the mode of action of xylanase. Amy was the senior author of five published peer-reviewed manuscripts, six abstracts, and has three senior author papers currently under review. Furthermore, she was a co-author to seven published peer-reviewed manuscripts, two abstracts, and two book chapters.

In addition to her research efforts, Amy has been an engaged teacher and leader at Iowa State and within the animal science community. Amy was the 2019-2020 President of the Association of Graduate Animal Scientists, the 2018-2019 Department of Animal Science Senator for the ISU Graduate Professional Student

Senate, and she served as a Graduate Director for the Midwest Section of the American Society of Animal Science from 2018-2020.

Amy participated in the Preparing Future Faculty Program at Iowa State and completed the program as a Teaching Scholar. She helped develop a statistics course directed specifically at the needs of animal science students, which sparked a collaborative SoTL research project investigating graduate students in Animal Science perceptions of and competencies in statistical analysis across the nation. Amy is co-investigator on this project.

In 2019, Amy received the ISU Department of Animal Science Graduate Award for Outstanding Teaching. In 2020, she received the ISU Department of Animal Science Graduate Student Excellence Award and was named a National Hog Farmer's Rising Star of the Swine Industry.

Upon graduation, Amy will join the Animal and Food Science Faculty at Texas Tech University, where she will apply her training as an Assistant Professor of Animal Science.

*Faculty Escort: Dr. John Patience, Professor in the Department of Animal Science*

# GRADUATE COMMENCEMENT CEREMONY

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## Presenting Professors

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Susan Arendt, Apparel, Events, and Hospitality Management

Jeremy Ashlock, Civil, Construction and Environmental Engineering ✧✧

Hua Bai, Genetics, Development and Cell Biology

Nicola Bowler, Materials Science and Engineering

Alexis Campbell, School of Education

Halil Ceylan, Civil, Construction and Environmental Engineering

Abhijit Chandra, Mechanical Engineering

Carol Chapelle, English ‡

Myra Cohen, Computer Science ✧

Matthew DeLisi, Sociology ‡ ✧✧

Erin Doran, School of Education

Oliver Eulenstein, Computer Science

David Fernández-Baca, Computer Science ✧

Nicholas Gabler, Animal Science

William Gallus, Geological and Atmospheric Sciences

Connie Hargrave, School of Education

Emily Hayden, School of Education

Thomas Holme, Chemistry ☞

Adina Howe, Agricultural and Biosystems Engineering

Charles Jahren, Civil, Construction and Environmental Engineering ☞

Tera Jordan, Human Development and Family Studies

Jonathan Kelly, Psychology

Daniel Linhares, Veterinary Diagnostic and Production Animal Medicine

Greg Luecke, Mechanical Engineering

Cameron MacKenzie, Industrial and Manufacturing Systems Engineering

Robert Martin, Agricultural Education and Studies

Ellen McKinney, Apparel, Events, and Hospitality Management

Gary Ockey, English

John Patience, Animal Science

Shuyang Qu, Agricultural Education and Studies

Nigel Reuel, Chemical and Biological Engineering

Aaron Rossini, Chemistry

Heather Rouse, Human Development and Family Studies

Diane Rover, Electrical and Computer Engineering ‡‡

Kristin-Yvonne Rozier, Aerospace Engineering

Lisa Schulte Moore, Natural Resource Ecology and Management

Anupam Sharma, Aerospace Engineering

Travis Sippel, Mechanical Engineering

Omar Smadi, Civil, Construction and Environmental Engineering

Pablo Stinga, Mathematics

Martin Thuo, Materials Science and Engineering

Andrew VanLoocke, Agronomy

Nathaniel Wade, Psychology

Alan Wanamaker, Geological and Atmospheric Sciences

Qun Wang, Chemical and Biological Engineering

Wendy White, Food Science and Human Nutrition ✧✧

## Faculty Marshals

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C. Lee Burras, Morrill Professor of Agronomy, College of Agriculture and Life Sciences ☞ ✧

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

## Announcer and Reader of Names

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Hollis Monroe

Michael Martin ✧

# CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

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## DOCTOR OF PHILOSOPHY

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### Major in Aerospace Engineering

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Joel Varghese  
†† Ramsankar Veerakumar

Vadodara, India  
Trivandrum, India

§ Xingeng Wu

Zhanjiang, China

### Major in Agricultural and Biosystems Engineering

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Phillip John Colgan  
DISSERTATION: Monitoring Antibiotic Resistance  
in Agroecosystems

Eaton Rapids, Mich.

Jingyao Gai  
DISSERTATION: The navigation control of a  
central articulated robotic vehicle for field-based  
phenotyping

Anshan, China

Abdullah All Sourav MD

Rangpur, Bangladesh

### Major in Agricultural Meteorology

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†† Kelsie Marie Ferin  
DISSERTATION: A Multi-Spatial Scale Analysis of  
Land Use and Climate Change Impacts on Water  
Quality and Crop Productivity for Major U.S.  
Cropping Systems

Johnston, Iowa

### Major in Analytical Chemistry

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†† Sadie Joyce Burkhaw  
DISSERTATION: Advanced Applications of Raman  
Spectroscopy and Super-Resolution Imaging of  
Biological and Plant Materials

Bricelyn, Minn.

### Major in Animal Science

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§ Emma Toelke Helm  
DISSERTATION: Pathogenic disease modulation of  
pig intestinal function and integrity

New Castle, Va.

†† Amy Leann Petry  
DISSERTATION: An investigation into the  
mechanism of action of xylanase in pigs fed  
insoluble corn-based fiber

Weatherford, Tex.

### Major in Apparel Merchandising and Design

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Rui Li  
DISSERTATION: Factors leading to success for  
entrepreneurs in the Chinese online C2C market

Shanghai, China

Meegan Rene Payne  
DISSERTATION: Exploring the responsibilities and  
tasks of apparel product developers

San Diego, Calif.

†† Melissa Lynne Thompson  
DISSERTATION: Plus-size men: Perceptions of  
available clothing and models used to market the  
clothing

Upland, Calif.

### Major in Applied Linguistics and Technology

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Nazlinur Gokturk Tuney  
DISSERTATION: Development and Evaluation of  
a Spoken Dialog System-Mediated Paired Oral  
Task for Measuring English Oral Communication  
Ability

Turkey

Taichi Yamashita  
Ziwei Zhou

DISSERTATION: Modeling the Statistics ITAs'  
Speaking Performances in a Certification Test

Tsu, Japan  
Xiangtan, China

## Major in Biochemistry

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††§ Neha Amatya *Kathmandu, Nepal*  
DISSERTATION: Allosteric Regulation of BTK  
Cody Ryan Lemke *Ingleside, Ill.*  
DISSERTATION: Understanding the Structure-  
Function Relationship of Class II Diterpene  
Cyclases

Tibebe Antonios Teklemariam  
*Addis Ababa, Ethiopia*  
DISSERTATION: The molecular mechanisms of  
the bacteriophage T4 Mre11/Rad50 DNA repair  
complex

## Major in Bioinformatics and Computational Biology

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Shane Kirk Dooley *Johnston, Iowa*  
DISSERTATION: CRISPR-Cas Evolution in  
Functional Specialization of Targeting Mobile  
Genetic Elements

§ Ashish Jain *Delhi, India*  
DISSERTATION: Understanding the molecular  
mechanisms regulating the early placental  
development using Next-generation Sequencing  
(NGS) datasets

Divya Mistry *Santa Clara, Calif.*  
Vishnu Ramasubramanian *Madurai, India*  
§ Rebekah Starks *Tucson, Ariz.*  
DISSERTATION: Genome-wide discovery of gene  
regulatory networks in the midgestation mouse  
placenta

## Major in Biomedical Sciences (Pharmacology Biology)

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Benjamin Karl Schneider *Indianapolis, Ind.*

## Major in Chemical Engineering

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Yan Cheng *Beijing, China*  
Zahra Davoudi *Tehran, Iran*  
DISSERTATION: Intestinal organoids as new  
treatments for inflammatory bowel disease

†† Atefe Hadi *Ames, Iowa*  
Samuel Michael Rothstein *Ramsey, Minn.*

Alireza Saraeian *Isfahan, Iran*  
DISSERTATION: Lignin valorization via thermal  
deconstruction and catalytic hydrodeoxygenation  
Sujata Senapati *India*  
DISSERTATION: Combination nanoadjuvant-based  
vaccine against Influenza virus for older adults

## Major in Chemistry

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Michael Patrick Hanrahan *Fort Collins, Colo.*  
Trang Truc Nguyen *Ho Chi Minh City, Vietnam*  
DISSERTATION: Investigation of the relationship  
between conformational dynamics and catalytic  
function of bacterial Enzyme I

†† Jeffrey Arthur Purslow *Rogue River, Oreg.*

## Major in Civil Engineering (Civil Engineering Materials)

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Sharif Yousif A. Gushgari *Jeddah, Saudi Arabia*

## Major in Civil Engineering (Construction Engineering and Management)

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Michael Robert Ward *Las Vegas, Nev.*  
DISSERTATION: Improving infrastructure responses  
in the phases of displacement

## Major in Civil Engineering (Geotechnical Engineering and Management)

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Haluk Sinan Coban *Denizli, Turkey*  
DISSERTATION: Performance Evaluation of  
Recycled Aggregate Base (RAB) and Large  
Stone Subbase (LSSB) Layers Used in Flexible  
Pavements

## Major in Civil Engineering (Intelligent Infrastructure Engineering)

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Elham Jahani DISSERTATION: Assessing the Impact of Extreme Heat Climate Scenarios on City-Scale Residential Energy Use	Ames, Iowa	Jin Yan	Smyrna, Ga.
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## Major in Civil Engineering (Structural Engineering)

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§ Dena Khatami Kofi Oppong	Rockville, Md. Brookings, S. Dak.	Dikshant Singh Saini	Roorkee, India
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## Major in Civil Engineering (Transportation Engineering)

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Subhadipto Poddar DISSERTATION: Operational performance evaluation of Traffic Signals using Big Data Analytics	Kolkata, India
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## Major in Computer Engineering (Computing and Networking Systems)

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Murad M. Qasaimeh DISSERTATION: Techniques for Efficient Processing of Computer Vision Algorithms on Reconfigurable Computing Architectures	Irbid, Jordan
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## Major in Computer Engineering (Secure and Reliable Computing)

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Wenhao Chen DISSERTATION: Forensic Analysis of Steganography Functions in Android Applications	Dengfeng, China	Minghung Shih DISSERTATION: Optimization-Driven Sampling for Analyzing Big Data Streams	Chiayi, Taiwan
Chao-Chun Cheng DISSERTATION: EviHunter: Identifying Digital Forensic Artifacts in Android Devices via Static and Dynamic Program Analysis	Taipei, Taiwan	Cimone Le Wright-Hamor	Cedar Rapids, Iowa

## Major in Computer Engineering (Software Systems)

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Jafar Mahmoud Al-Kofahi DISSERTATION: Automated analysis for auto-generated build systems	Bellevue, Wash.	Yu Zhang DISSERTATION: On the Optimized Clustering Algorithms on Data Streams	Tianjin, China
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## Major in Computer Science

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Hamid Bagheri DISSERTATION: Shared Data Science Infrastructure for analyzing Biological Data	Sanandaj, Iran	Huy Ngoc Nguyen DISSERTATION: Evolution of gene blocks in bacteria using an event-based model	Revere, Mass.
†† Kyoung Tak Cho DISSERTATION: Discovering Relationships between Genotype and Phenotype: Predicting Gene Expression using Machine Learning Approaches with Naive Bayes and k-mer Distance Models	Seoul, South Korea	†† Ghazaleh Parvini DISSERTATION: Algorithms in Phylogenetic Decisiveness	Tehran, Iran
§ Rohit Dureja DISSERTATION: Model Checking Large Design Spaces: Theory, Tools, and Experiments	New Delhi, India	Lei Qi DISSERTATION: Deep Quantification Learning	China
†† Xiang Huang DISSERTATION: Chemical reaction networks: Computability, complexity, and randomness	Guiping, China	Peng Sun DISSERTATION: A Multi-layered Desires Based Framework to Detect Evolving Non-functional Requirements of Users	Changchun, China
Fathi Ahmed Mubarakhi DISSERTATION: PhyloVirus: Inferring virus reassortment and recombination, and a visualization tool for phylogenetic networks	Saudi Arabia	Shixin Tian Nathan Tyler Weeks	Ames, Iowa Ames, Iowa

## Major in Condensed Matter Physics

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†† Nathaniel Andrew Anderson *Marion, Iowa*  
DISSERTATION: X-ray magnetic circular dichroism (XMCD) of metallic nano-structures on epitaxial graphene

†† Erik I. Timmons *Ames, Iowa*  
DISSERTATION: Magnetic and structural phases in high temperature superconductors

†† Chirag Kishore Vaswani *Mumbai, India*  
DISSERTATION: Terahertz driven coherent and quantum dynamics: From superconductors to topological materials

†† Li Xiang *Zhongxiang, China*  
DISSERTATION: Pressure tuning of correlated electron systems

## Major in Economics

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†† Ahmed Tariq Aziz *Dhaka, Bangladesh*  
DISSERTATION: Three essays in immigration economics

†† Chenzi Lv *Nantong, China*

†† Shirui Wang *Beijing, China*  
DISSERTATION: Essays in finance and behavioral economics

## Major in Education

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Lincoln Wesley Dean Harris Jr. *Albemarle, N.C.*  
†† Sarah Marie Pamperin *Ripon, Wis.*  
Sherry Lea Petty *Conrad, Iowa*  
DISSERTATION: The Implementation of a Reading Intervention During Winter Break and the Role of Parent Involvement for Children Receiving Special Education Services

†† Tyanez Carol Thomas Jones *Ames, Iowa*  
DISSERTATION: "Why Have I Never Learned This?": Exploring Health Disparities Through A Critical Consciousness Lens

## Major in Education (Curriculum and Instructional Technology)

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Pinar Melek Celik *Cedar Rapids, Iowa*  
DISSERTATION: Examination of the nature of an instructional design process: Instructional designer as agent of change

## Major in Education (Educational Leadership)

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Rhonda McRina *Waterloo, Iowa*

Erin Marie Powers Daley *Cresco, Iowa*  
DISSERTATION: Child Care As A Barrier To Completion Of A Short-Term Certificate Training Program: The Role Of Community Colleges, Community Organizations, And The Impact On Local Workforce Needs

## Major in Electrical Engineering

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Gang Wu *Huanggang, China*  
DISSERTATION: Matrix Completion with Applications to Recommender Systems

## Major in Electrical Engineering (Communications and Signal Processing)

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Qi Xiao *Ganzhou, China*  
DISSERTATION: Supervised learning using interpretable ensemble methods

Pan Zhong *Zhuzhou, China*

## Major in Electrical Engineering (Electric Power and Energy Systems)

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Nicholas Adam David *Ames, Iowa*  
DISSERTATION: The nature of double-fed induction generators for frequency and voltage support from wind turbines

Shikha Sharma *Jabalpur, India*

Vivek Kumar Singh *New Delhi, India*  
DISSERTATION: Attack Resilient Algorithms and Testbed Federation for Wide-Area Protection and Control in Smart Grid

## Major in Electrical Engineering (Microelectronics and Photonics)

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Yuncong Chen *Ames, Iowa*  
DISSERTATION: In-situ soil water potential sensor  
and nutrient sensor

Christopher M. Legner

*Le Roy, Ill.*

## Major in Electrical Engineering (Very Large Scale Integration)

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Hao Meng *Jiamusi, China*

## Major in Engineering Mechanics

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§ Fangwei Hou *Qingdao, China*  
DISSERTATION: A Novel Method for Predicting the  
Wind-induced Response of Tall Buildings in Time  
Domain

†† Rigelesaiyin Ji *Tianjin, China*  
DISSERTATION: A Finite temperature Coarse  
grained Atomistic Approach for Understanding  
the Dislocation Dynamics in Materials under  
Deformation from the Atomistic to the Mesoscale  
Tyler Joseph Lesthaeghe *Davenport, Iowa*

## Major in Entomology

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Kelsey Elizabeth Fisher *Sewell, N.J.*

## Major in Environmental Science

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§ Jared Scott Flater *Ankeny, Iowa*  
DISSERTATION: Understanding soil bacterial  
communities for sustainable agriculture

## Major in Forestry

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Bina Thapa *Baglung, Nepal*

## Major in Genetics

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Antony V. E. Chapman *Stevenage, United Kingdom*  
†† Beatriz Akemi Mizoguchi *Maring, Brazil*

Sarah M. Pedersen-Matlage

*Oshkosh, Wis.*

## Major in Genetics and Genomics

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Kai Chang *Ames, Iowa*  
DISSERTATION: Analysis of MTORC2 in Regulating  
Aging, Metabolism and Cardiac Disease in  
*Drosophila melanogaster*

§ Kerui Huang *Hai Kou, China*  
DISSERTATION: Hepatic peroxisome and its  
implications on inflammaging, ribosome, and  
non-autonomous regulation of cardiac function

## Major in Gerontology

---

Peiyi Lu *Guangzhou, China*  
DISSERTATION: Social Resources, Pension Policy,  
and Older Adults' Health: A Cross-National  
Comparison between China, England, Mexico,  
and the United States

## Major in High Energy Physics

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Boping Chen *Guangzhou, China*  
DISSERTATION: Search for heavy resonance  
decaying into a photon and a Higgs boson with  
the ATLAS detector at the LHC



## Major in Hospitality Management

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Jennifer Lynn Forney *Olean, N.Y.*  
DISSERTATION: The influence of leadership behaviors and hospitality culture on the perception of internal service quality delivered in hotels

William Richard Knapp *Columbia, S.C.*  
DISSERTATION: Assessing Food Purchasing Agents' Intent To Buy Local Foods Using a Modified Theory or Trying Model

Fredrick Charles Meitner *Stroudsburg, Pa.*  
DISSERTATION: The role of psychological ownership on satisfaction and loyalty: The moderating effect of group identity

Janet Millikan *Bloomington, Ill.*  
DISSERTATION: Perceptions of Cost Categories and Benefits of Implementing the Future Education Model in Dietetics

## Major in Human Development and Family Studies

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§ Maria Belen Alcivar Zuñiga *West New York, N.J.*  
DISSERTATION: The Power of Our Story: Strength of Latinx immigrant parents despite legal violence

‡ Randie Danielle Camp *Ames, Iowa*  
DISSERTATION: Exploring how bibliotherapy impacts multiracial identity development across the lifespan

†† Joseph Kim *Ames, Iowa*  
DISSERTATION: The impact of multimorbidity and financial resources on psychological well-being in later life

Emily Nanci McKnight *Los Angeles, Calif.*  
DISSERTATION: Deciding to wait: Exploring the lived experiences and relationship processes among African American couples who remained sexually abstinent until marriage

Tamanna Afreen Rimi *Dhaka, Bangladesh*  
DISSERTATION: The role of financial literacy in the health-wealth relationship

Quentin H. Riser *Colorado Springs, Colo.*  
DISSERTATION: Family income trajectories and early child development: A latent class growth analysis

Feng Zhao *China*

## Major in Industrial and Agricultural Technology

---

Matthew Earl Harvey *Des Moines, Iowa*

## Major in Industrial Engineering

---

Ali Baghersaghchi Khorasani *Ames, Iowa*  
DISSERTATION: Investigation of Hybrid Manufacturing Parameters on Geometrical, Mechanical and Microstructural Characterization

§ Ramin Giahi *Ahar, Iran*  
DISSERTATION: Sequential decision making and simulation-optimization for the design of complex engineering systems

§ Hamid Norasi *Saghez, Iran*  
DISSERTATION: A Systems-Level Evaluation of The Biomechanical Response of The Cervical Spine to Sagittal Plane Flexion

## Major in Kinesiology

---

Paul Yang Khoo *Mount Laurel, N.J.*  
†† Jennifer Kaye Lange Koch *Hartford, Wis.*

Elizabeth Ann Rullestad *Clive, Iowa*

## Major in Materials Science and Engineering

---

Julia Jinling Chang *Jinzhong, China*  
DISSERTATION: Autonomous formation of functional materials from undercooled liquid metal particles

Trishelle Copeland-Johnson *Apopka, Fla.*  
DISSERTATION: Characterization of Oxidation Layers on Novel Nuclear Fuel Cladding Alloys

Lin Ma *Jinan, China*  
DISSERTATION: Environment-by-design: Developing artificial soil for root phenotype

Andrew Martin *Jakarta, Indonesia*  
DISSERTATION: Inauditus Materials Processing through Surface Asymmetries

Aishwarya Sriraman *Bangalore, India*  
DISSERTATION: Characterization, failure analysis and lifetime prediction of thermally degraded EPR/CPE cable insulation formulations

## Major in Mechanical Engineering

---

- Abdullah K. Alshehri *Miamisburg, Ohio*  
Stuart James Barkley *Overland Park, Kans.*  
DISSERTATION: Microwave Enhancement of Energetic Materials Combustion through Gas-Phase Flame Interactions
- Julie Kathleen Bothell *Center, Colo.*  
DISSERTATION: Experimental studies of the near-nozzle region of a coaxial spray
- Arian Jafari *Tehran, Iran*  
DISSERTATION: A Framework for Biomechanics Simulations Using Four-Chamber Cardiac Models
- Dao Yan Lim *Malaysia*
- †† Sayani Maity *Kolkata, India*  
DISSERTATION: Stability of Non-Holonomic Inverted Pendulum System
- ††§ Marilyn C. McNamara *La Crosse, Wis.*  
Hosein Monshat *Ames, Iowa*  
Faez Hassan Qahtani *Abha, Saudi Arabia*  
Travis Ramsay *Hockley, Tex.*  
DISSERTATION: Numerical Modeling of Oil Shale In-Situ Pyrolysis by Radio Frequency Heating Using a Thermal – Phase Field Mechanical Electromagnetic (TPME) Two-Dimensional Finite Element Method Framework
- †† Manjil Ray *Kolkata, India*  
DISSERTATION: Eulerian models and kinetic theory closures for triboelectric charging in dense granular and gas-particle flows
- Ibraheem Muhammad Redhwi *Ames, Iowa*  
DISSERTATION: Mechanical Alloying and High-Repetition-Pulsed-Laser based Manufacturing Method for Nanostructured Hydroxyapatite Films on deferent Substrates
- Zachary Thomas Reinhart *Ames, Iowa*  
Sheng Shen *Chendu, China*  
Kuan-Chuen Wu *Mankato, Minn.*  
DISSERTATION: Online Time-Series Prediction of Instability in Multiscale-Multiphysics Systems: Data-Driven Prognosis for Skew Rolling, CNC Machining Chatter, and Lithium Ion Battery Degradation
- Ling Zhang *St. Louis, Mo.*  
Keke Zhu *Chongqing China*

## Major in Mechanical Engineering (Predictive Plant Phenomics)

---

Therin Jamal Young *Morris, Ga.*

## Major in Microbiology

---

Daniel N. Villageliu *Ames, Iowa*

## Major in Nuclear Physics

---

Wenyang Qian *Nanjing, China*  
DISSERTATION: Relativistic Bound State Applications within Basis Light-Front Quantization Approach

## Major in Nutritional Sciences

---

Amanda Elizabeth Bries *Manchester, Iowa*  
DISSERTATION: Impact of polycystic ovary syndrome on one-carbon metabolism

Siew Din Sun *Ames, Iowa*  
DISSERTATION: Measuring provitamin A carotenoids and their retinyl ester bioconversion products using high-performance liquid chromatography coupled with high-resolution mass spectrometry: Application to bioavailability studies in humans

## Major in Organic Chemistry

---

Jagadeesh Kolattoor *Pittsburg, Kans.*  
DISSERTATION: Photochemical Generation of Electron Poor Reactive Intermediates: Photochemistry of S-Alkoxy Dibenzothiphenium Tetrafluoroborates, N-Alkoxy Pyridinium Perchlorates, and Sulfonium Ylides

Shuai Wang *Xinzhou, China*  
DISSERTATION: Synthesis of Antibacterial and Biobased Compounds

## Major in Physical Chemistry

---

†† Amrit Venkatesh *Chennai, India*  
DISSERTATION: Opening up the Periodic Table for Solid-State NMR Spectroscopy with Fast Magic Angle Spinning and Proton Detection

Bryce Matthew Westheimer *Vancouver, Wash.*  
DISSERTATION: Fragment-based quantum chemistry: From fantasy to reality

## Major in Physics

---

Yuanchang Zhao *Ruzhou, China*  
DISSERTATION: Cellular force detection during cell migration with nucleic acid-based tension sensor

## Major in Plant Breeding

---

Matthew William Breitzman *Stillwater, Minn.*  
Danielle A. Dykema *Roseville, Minn.*

Alejandro Ledesma Miramontes *Tepatlán, Mexico*  
DISSERTATION: Molecular and phenotypic characterization of doubled haploid lines derived from different cycles of recurrent selection of the Iowa Stiff Stalk Synthetic Maize Population

## Major in Plant Breeding (Predictive Plant Phenomics)

---

Johnathon Michael Shook *Hutchinson, Kans.*

## Major in Population Sciences in Animal Health

---

Cesar Augusto Amorim Moura *Ames, Iowa*  
DISSERTATION: Effect of different PRRSV MLV interventions on performance of growing pigs from PRRSV Positive sow herds, under field conditions

Yuly Alexandra Henao Diaz *Ciudad Obregón, Mexico*  
DISSERTATION: Advances in oral fluid antibody-based surveillance for porcine reproductive and respiratory syndrome virus (PRRSV)  
Marcelo Nunes De Almeida *Brasilia, Brazil*  
DISSERTATION: Improved PRRSV surveillance for swine breeding herds

## Major in Psychology (Counseling Psychology)

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†† Julio Cesar Rivas *Plainfield, N.J.*

## Major in Sociology

---

Alexia Shante Angton *Sachse, Tex.*  
DISSERTATION: Black Girls and the Discipline Gap: A Novel Approach to the School-to-Prison Pipeline

†† Rebecca Lynn Haroldson *Des Moines, Iowa*

## Major in Soil Science (Soil Fertility)

---

Ryan Richard Oltmans *Ames, Iowa*

## Major in Statistics

---

Fan Dai *Hefei, China*  
DISSERTATION: Factor models for big data  
Chancellor A. Johnstone *Spokane, Wash.*  
DISSERTATION: Shape restricted random forests and distribution free prediction intervals

†† Ian Michael Mouzon *Jacksonville, Fla.*  
DISSERTATION: The SUPr Algorithm: Explorations in the Use of Bayesian Transition Points  
†† Geoffrey Z. Thompson *Chicago, Ill.*

## Major in Sustainable Agriculture

---

Elizabeth Anne Kersey *Anchorage, Alaska*

## Major in Veterinary Microbiology

---

Shahan Azeem  
Alexandra C. Buckley

Lahore, Pakistan  
Ames, Iowa

Juan Carlos Mora Diaz      Mexico City, Mexico  
DISSERTATION: Experimental and field studies  
on Porcine hemagglutination encephalomyelitis  
virus

## Major in Veterinary Pathology

---

Tyler Alan Harm

Schleswig, Iowa

## Multiple Curricula and Majors

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§ Jessica Renee Alley      New Castle, Va.  
MAJORS: Kinesiology and Immunobiology  
DISSERTATION: Mediation of adaptive immune  
response through aerobic exercise and drugs  
targeting metabolic pathways

Desmond Carletus Bonner      Huntsville, Ala.  
MAJORS: Human Computer Interaction and  
Industrial Engineering

†† Muhammad K. A. Hamdan      Washington, D.C.  
MAJORS: Electrical Engineering (Very Large  
Scale Integration) and Computer Engineering  
(Computing and Networking Systems)  
DISSERTATION: Vision based mass flow estimation  
from sparsely annotated images using deep semi-  
supervised learning (MEDL)

†† John David Jones Jr.      Rio, Wis.  
MAJORS: Sustainable Agriculture and Soil Science  
(Soil Fertility)

Eric Britt Moore      Chicago, Ill.  
MAJORS: Soil Science (Soil Physics) and  
Sustainable Agriculture

Sumac Elisa Cardenas Oleas      Riobamba, Ecuador  
MAJORS: Sustainable Agriculture and Sociology  
DISSERTATION: Indigenous Women's  
Empowerment as Quinoa Producers in Rural  
Ecuador

Robert Michael Valek      Hickam AFB  
MAJORS: Sustainable Agriculture and Forestry  
DISSERTATION: Advancing PEWI: An Ecosystem  
Service and Economic Outcomes Simulator for  
Agricultural and Natural Resource Education

Taylor Leigh Tompkins Wherry      Wyoming, Iowa  
MAJORS: Microbiology and Immunobiology

# MASTER OF ACCOUNTING

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## Major in Accounting

---

Morgan Elizabeth Bragg  
Danielle A. Modrell

*Eagan, Minn.  
Urbandale, Iowa*

Timothy James Teut  
Jing Zhang

*Ames, Iowa  
Ames, Iowa*

## Major in Accounting (Data Analytics)

---

Rachel Sue Ellefson

*Boone, Iowa*

Ann Marie Hellman

*Afton, Iowa*

## Major in Accounting (Financial Reporting and Assurance)

---

Ellen Kathryn Ennett  
Michael David Flansch  
Yu Liu

*Lakeville, Minn.  
Cedar Falls, Iowa  
Chengdu, China*

Annalise C. Meier  
Kyle David Strothcamp

*Rochester, Minn.  
Ankeny, Iowa*

## Multiple Curricula and Majors

---

Noah James Buikema *Clinton, Iowa*  
MAJORS: Accounting (Financial Reporting and Assurance) and Accounting (Data Analytics)

# MASTER OF ARCHITECTURE

---

## Major in Architecture

---

Jose M. Burgos Lozada

*Webster City, Iowa*

Seyedeh Sahar Nazarkardeh

*Ames, Iowa*

# MASTER OF ARTS

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## Major in History

---

Kristen Ann Greteman *Carroll, Iowa*  
THESIS: Lost Lake: A Deep Map of a Farm Field

Piper C. Head *Arlington, Tex.*  
THESIS: Immovable Force: The Survival of Parisian Haute Couture, 1940-1944  
Elizabeth M. C. Thalacker *Ankeny, Iowa*

## Major in Interior Design

---

Allison Marie Brown *Rochester, Minn.*  
THESIS: Mortuaries: Incorporating meditation spaces.

## Major in Political Science

---

Mohamed Ahmad Ali

*West Des Moines, Iowa*

Maria Teresa Freeman

*Ames, Iowa*

## Major in Political Science (Public Policy)

---

Natalie Elizabeth Bidner *Champaign, Ill.*  
THESIS: Hindu nationalism fueling strife: How India's citizenship amendment act impacts the Indo-Pakistani Kashmir conflict

# MASTER OF BUSINESS ADMINISTRATION

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## Major in Business Administration

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James Christopher Aiello	<i>Indianola, Iowa</i>	Wendy Raelle Richard	<i>Marshalltown, Iowa</i>
Tom Carlton	<i>Ankeny, Iowa</i>	Huazhang Zhu	<i>Weifang, China</i>
Katherine Mueller	<i>Fairfield, Iowa</i>		

## Major in Business Administration (Business Analytics)

---

Yaw Ofori Asiedu	<i>Accra, Ghana</i>	Ana Florencia Pena Santucci	<i>Montevideo, Uruguay</i>
Nishant Praveen	<i>Patna, India</i>	Arpan Sitaula	<i>Simra, Nepal</i>

# MASTER OF BUSINESS ANALYTICS

---

## Major in Business Analytics

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Patrick Mulwanda	<i>Herndon, Va.</i>
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# MASTER OF COMMUNITY AND REGIONAL PLANNING

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## Major in Community and Regional Planning

---

Melinda Jean Busch	<i>Johnston, Iowa</i>	Yaw Yeboah Kwarteng	<i>Kumasi, Ghana</i>
THESIS: City tree policy evaluation in small town Iowa: A qualitative study of tree policy in Mason City and Fort Dodge, Iowa		Dorcas Okailey Okaidjah	<i>Accra, Ghana</i>
		THESIS: Motor vehicle crashes and the urban built environment: A case study of a region in Des Moines	
Maria Teresa Freeman	<i>Ames, Iowa</i>	Aspen Jean Pflanz	<i>Wayne, Neb.</i>
Hyunjung Joun	<i>Seoul, South Korea</i>	THESIS: Opioids and the built environment: A study of Mason City's north end neighborhood	
THESIS: Where the Atlanta beltline is headed: Exploring retail landscape change			

# MASTER OF DESIGN IN SUSTAINABLE ENVIRONMENTS

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## Major in Sustainable Environments

---

Paige Elizabeth Holzbauer	<i>St. Louis, Mo.</i>
THESIS: Restoration: Exploring the semiotics of faith, materials, and their relationship surrounding the human body	

# MASTER OF EDUCATION

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## Major in Education

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Tia Ann Lyve	<i>Houston, Tex.</i>
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### Major in Education (Higher Education)

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Sarah Elizabeth DuBois	Ames, Iowa	Leah E. Weeks	Ankeny, Iowa
Justin Duane Sampson	Camanche, Iowa		

### Major in Education (Special Education Practitioner)

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Matthew Lee Hamann	Ames, Iowa
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### Major in Education (Student Affairs Practitioner)

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Brady Hays Hubbard	Ames, Iowa
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## MASTER OF ENGINEERING

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### Major in Aerospace Engineering

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Eric Stephen Acius	Avon, Ind.	Justin Andrew Lajoie	Ankeny, Iowa
Michaela Dawn Antolak	Salt Lake City, Utah	Puspa R. Subedi	Menasha, Wis.

### Major in Chemical Engineering

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Shailja Goyal	Jaipur, India	Li-Hsiang Lin	Taichung City, Taiwan
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### Major in Civil Engineering (Construction Engineering and Management)

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Anthony Michael Maginity	Dubuque, Iowa	William J. Smith	Prior Lake, Minn.
Sourabh Virendra Oswal	Satara, India		

### Major in Computer Engineering

---

Claudia R. Athens	Clive, Iowa	Omar Marcus Taylor	Miramar, Fla.
Nicholas Brad Dykhuizen	Farmington, Minn.	Fana Hailu Teffera	Washington, D.C.
Deon Hargrove	Sparta, Ga.	Megan Kathleen Tyrrel	Norco, Calif.
Michael Edwin Miller	Newton, Iowa		

### Major in Cyber Security

---

Daniel Patrick O'Neill	Ankeny, Iowa	Kole Winslow Swesey	Johnston, Iowa
Ricardo Rodriguez	Council Bluffs, Iowa		

### Major in Electrical Engineering

---

Omar M. Abbas	Amman, Jordan	Joshua Peter Wolanyk	Rockford, Ill.
Jasleen Grover	Delhi, India	Kedan Xin	Tianjin, China
Amit Jena	Bhubaneswar, India	Yifu Zhang	Chongqing, China
Hao Wang	China		

### Major in Engineering Management

---

Arya Gopan	Kottayam, India	Daniel G. Kiekhaefer	Johnston, Iowa
Brandon Daniel Brimeyer	Dubuque, Iowa	Jacob Thomas	Chennai, India
Max Quincy Catalan	San Jose, Calif.	Jyothi Venugopal	Ernakulam, India

### Major in Industrial Engineering

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Cheng Pan	Ames, Iowa
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THESIS: Detection of pathogens in LMF using SERS biosensors

§ Research Excellence Award  
†† Teaching Excellence Award

## Major in Mechanical Engineering

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Saurabh Sanjay Aykar	Mumbai, India	Amir Ehsan Niaraki Asli	Rasht, Iran
Aaron David Bruner	Greenwood, Ind.	Ali Abd Rabeh	Rock Island, Ill.
Jeffrey Ryan Grenier	Altoona, Iowa	Thomas Evan Reece	West Des Moines, Iowa
Katherine Therese Kopytko	Ames, Iowa	Omar S. Sanousi	Sabha, Libya
Benjamin James Morrison	Dubuque, Iowa		

## Major in Systems Engineering

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Thomas Matthew Jareczek	Waterloo, Iowa	John Jeffrey Weigelt	Polk City, Iowa
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## Multiple Curricula and Majors

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Gary Dennis Bau	Shickshinny, Pa.
MAJORS: Mechanical Engineering and Energy Systems Engineering	

# MASTER OF FAMILY AND CONSUMER SCIENCES

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## Major in Family and Consumer Sciences (Dietetics)

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Sunita Nayar	Rochester, Minn.
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## Major in Family and Consumer Sciences (Family Financial Planning)

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Peter H. R. Holleman	Ringwood, Ill.	Bailey Rose Warrick	Des Moines, Iowa
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## Major in Family and Consumer Sciences (Youth Development)

---

Katherine Patricia Fannesbeck	Idaho Falls, Idaho	Brianne R. Johnson	DeWitt, Iowa
THESIS: A positive youth development approach to parenting: It's a life		THESIS: Positive youth development in the military teen resilience program	
Yingying Guan	Dalian, China		

# MASTER OF FINANCE

---

## Major in Finance

---

Yaw Ofori Asiedu	Accra, Ghana	Madison Marie Mueller	Broomfield, Colo.
Luke Donnelly	West Des Moines, Iowa	Bhavana Dinkar Patil	Minneapolis, Minn.
Bo Huang	Ames, Iowa	Arpan Sitaula	Simra, Nepal
Xunjie Jiang	Ames, Iowa		

# MASTER OF FINE ARTS

---

## Major in Creative Writing and Environment

---

Jon Michael Galletley III	Lake City, Iowa
THESIS: The Shadow Aberrant	



## Major in Graphic Design

---

†† Luisa Maria Burgos Barrera *Bogota, Colombia*  
THESIS: Emotional Intelligence in Graphic Design:  
Creating a Resource to Facilitate Empathic  
Practices

Yue Yang *Kunming, China*  
THESIS: HUEMAN: An Emotion-Oriented  
Perspective on Developing Empathy in Graphic  
Design

## Major in Integrated Visual Arts

---

Paige Elizabeth Holzbauer *St. Louis, Mo.*  
THESIS: Restoration: Exploring the semiotics  
of faith, materials, and their relationship  
surrounding the human body

# MASTER OF HUMAN COMPUTER INTERACTION

---

## Major in Human Computer Interaction

---

Julia Biars *Cleveland*  
Narine Cholakyan *North Hills, Calif.*  
Daniel Michael Cooper *Plano, Tex.*  
Brittany Lashaun Cowan *Pittsburgh, Pa.*  
Nada Ibrahim *San Francisco, Calif.*  
Aishah Parvez Khan  
*Abu Dhabi, United Arab Emirates*

Sara Raychelle Mikulic *Tysons, Va.*  
Susana Almanza Ruiz *Los Angeles, Calif.*  
Brandon C. Sirois *Asheville, N.C.*  
Lingyun Snider *Lincoln, Neb.*  
Sreedhar Srinivasan *Bolingbrook, Ill.*  
Joy Zeigler *Las Vegas, Nev.*  
Naixin Zheng *Shenyang, China*

# MASTER OF PROFESSIONAL PRACTICE IN DIETETICS

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## Major in Professional Practice in Dietetics

---

Wendy Anderson *Orrville, Ohio*  
Holly Elizabeth Bruemmer *Jefferson City, Mo.*  
Natalie Jane Butler *Denver, Colo.*  
Brittany Laree Ebers *Jay, Okla.*  
Amy Christine Finzell *Emmetsburg, Iowa*  
Caitlyn Ivy Friedrichsen *Jackson, Minn.*

Katrina Marie Hoffmann *Peosta, Iowa*  
Ruth Miranda *Chaparral, N. Mex.*  
Megan Elaine Parks *Broken Arrow, Okla.*  
Sara Elizabeth Smith *Winston Salem, N.C.*  
Sara Suzanne Umphleet *Des Moines, Iowa*

# MASTER OF SCIENCE

---

## Major in Aerospace Engineering

---

Faisal Omar Al-Masri *Nablus, Palestine*  
Abinayaa Dhanagopal *Chennai, India*  
THESIS: Piezoelectric energy Harvesting from  
Fluid Structure Interaction

Ang Li *Beijing, China*  
THESIS: A computationally efficient, hybrid CFD-  
panel method approach for modeling unsteady  
aerodynamics of maneuvering airfoils  
Muhammad Ahmad Siddique *Ankara, Turkey*  
THESIS: UAV applications for Wind Research

## Major in Agricultural and Biosystems Engineering

---

Peiyang Li *Zhaoyuan, China*  
THESIS: Mitigation of PRRS Virus Transmission with UV Light Treatment of Barn Inlet Air: Proof-of-concept

Weiquan Luo *Foshan, China*  
THESIS: Multiscale Modeling Framework for the Iowa Water-Energy-Food Nexus

Casey Isaac Nelson *Maquoketa, Iowa*  
THESIS: Fermentation of an Emulsion from a Meat Based Industry

Cheng Pan *Ames, Iowa*  
THESIS: Detection of pathogens in LMF using SERS biosensors

Samuel J. Phillips *Manchester, Iowa*  
THESIS: Evaluating Long-Term Impacts of Drainage Water Recycling in Central Iowa

Binbin Zhu *Shenyang, China*  
THESIS: Effectiveness of detection of Chronic Wasting Disease by Raman spectroscopy

## Major in Agricultural Economics

---

Jiacheng Tian *Ames, Iowa*

## Major in Agricultural Education

---

Jason Ray Cantrell *Jasper, Ga.*  
Logan Michael Dale *Hattiesburg, Miss.*  
Jessica Rachael Juarez *Glenwood, Iowa*

Melinda Jean Larson *Stella, Mo.*  
THESIS: Instructional Material To Benefit Special Education Students in Agriculture Science I

Casey Ernest Lunceford *Ronan, Mont.*  
Christopher John Wiley *Bowman, Ga.*

## Major in Agricultural Education (Agricultural Extension Education)

---

Suzanna E. Hull *North Adams, Mich.*

Sarah Ashley Zwiefel *Clarion, Iowa*  
THESIS: Marketing your equine business: a curriculum for extension programming

## Major in Agronomy

---

Spencer Rueben Barriball *Salina, Kans.*  
John Edward Benefield *Woodland, Calif.*  
THESIS: Comparison of soil electrical conductivity values in relation to soil nutrient concentrations

Nathaniel Howard Boyers *Leslie, Mich.*  
Matthew Comrey *Yuba City, Calif.*  
Abigail Louise Horlacher *Frankfort, Ind.*  
THESIS: Use of Sulfur in Soybean Fields and its Association with Soil Types

Carl Joern *West Lafayette, Ind.*  
THESIS: Soybean yield response to sulfur applications in Indiana

Alexis Marie Marley *Morrisonville, Ill.*  
Brett Allen McArtor *Ankeny, Iowa*  
THESIS: Soybean Variable Rate Planting Simulator

Matthew Ryan Moorberg *Colfax, Iowa*  
Scott David Schoper *Kasota, Minn.*  
Adam D. Shafer *Andrews, Ind.*  
Addison Jane Spolyar *Litchfield, Mich.*  
Clairissa Anne Zabel *Iowa City, Iowa*

## Major in Animal Physiology

---

Greer M. Potadle *Herman, Neb.*

## Major in Animal Physiology (Reproductive Physiology)

---

Jamie Marie Studer *Wesley, Iowa*

## Major in Animal Science

---

Brady Michael Goetz *Stewartville, Minn.*  
Grace Amelia Moeller *Dublin, Ohio*  
THESIS: Estimating the repeatability and reproducibility of subjectively evaluated feet and leg soundness traits in growing replacement gilts

Leigh A. Ruckman *Troy, Ill.*  
THESIS: The impact of specialty protein ingredients on nursery pig performance and health

Jayamuni Vasuki Vindiya Silva *Colombo, Sri Lanka*

## Major in Apparel Merchandising and Design

---

Malvika Rajagopal

Ames, Iowa

## Major in Architecture

---

Michael Preston Carson *Manhattan, Kans.*

THESIS: Washington Union Station and Kansas City Union Station, a Comparative Study in Adaptive Reuse.

## Major in Biomedical Sciences

---

Isaiah E. Castellanos *Des Moines, Iowa*

THESIS: May the best athlete win—the use of performance-enhancing drugs in athletic sports  
Andrea Victoria Garcia Ferre *Guaynabo, Puerto Rico*

Madison Whitney Heilskov *West Des Moines, Iowa*

Lakshmi Sravya Konakanchi *Kakinada, India*

THESIS: Development of a vaccine against the respiratory syncytial virus (RSV)

## Major in Biomedical Sciences (Anatomy)

---

Assua C. Phongsavanh

*Des Moines, Iowa*

## Major in Biomedical Sciences (Physiology)

---

Adam Trey Copeland

*Katy, Tex.*

## Major in Chemical Engineering

---

Mathew Laureano *Ames, Iowa*

THESIS: Scaling up the electrochemical hydrogenation of muconic acid to trans-3-hexenedioic acid

## Major in Civil Engineering (Construction Engineering)

---

Amin Daghighi *Tehran, Iran*

Diba Malekpour Koupaei *Isfahan, Iran*

THESIS: Smart Thermostats in Rental Housing  
Units: Perspectives from Landlords and Tenants

Michael J. Volk *Champlin, Minn.*

THESIS: The Effect of Alternative Delivery Methods on Accelerated Bridge Construction projects

## Major in Civil Engineering (Environmental Engineering)

---

Meesha Jo Legg

*Ankeny, Iowa*

## Major in Civil Engineering (Geotechnical Engineering)

---

Ziqiang Xue *Lanzhou, China*

THESIS: Construction and Performance of Chemically and Mechanically Stabilized Test Sections for Low-Cost Rural Surface

## Major in Civil Engineering (Structural Engineering)

---

Fathi M. Al Share *Hoffman Estates, Ill.*

THESIS: Mitigating Wind Induced Effects on Tall Buildings Through Aerodynamic Modifications

Jordan C. Eikamp *Buffalo City, Wis.*

THESIS: Investigation of plastic shrinkage cracking in fiber-reinforced concrete and shrinkage-compensating cement concrete

Benjamin Scott Lichty *Sheldon, Iowa*

THESIS: Damage analysis and recovery optimization of bridges after extreme weather events

Enrique Rubio Delgado *Des Moines, Iowa*

## Major in Civil Engineering (Transportation Engineering)

---

Wasama A. Abdullah *Amman, Jordan*  
THESIS: Quantifying the Relationship between  
Skid Resistance and Crashes for Iowa Roadways:  
A Framework for a Skid Resistance Policy

Dorcas Okailey Okaidjah *Accra, Ghana*  
THESIS: Motor vehicle crashes and the urban built  
environment: A case study of a region in Des Moines

## Major in Computer Engineering

---

Arnoldo Montoya-Gamez *Ottumwa, Iowa*  
THESIS: Evaluating Kotlin's and Java's  
performance in android development

## Major in Computer Engineering (Computing and Networking Systems)

---

Prakhar Bansal *India*  
Sunantha Rini Chandramoorthy *Madurai, India*  
THESIS: Blockchain-assisted model and scheme  
design for managing patient's consent and sharing  
health records

Xinyao Li *Ames, Iowa*

## Major in Computer Engineering (Secure and Reliable Computing)

---

Haider Raza *Faisalabad, Pakistan*

## Major in Computer Science

---

Arijit Bhattacharjee *Mumbai, India*  
THESIS: Analysis of Multi-Dimensional Arrays  
in Polybench benchmark for OpenMP Target  
Offload for the GCC compiler

Souradeep Bhowmik *Kolkata, India*  
THESIS: Transitioning a Javascript based web  
interface into a cleaner, component based React  
JS UI

Jonathan James Deneke *Gordonville, Mo.*  
THESIS: Fallible Petri Nets and Markov Decision  
Processes

Michael Eugene Dixon *Ames, Iowa*  
THESIS: CTL Model Checking for Indeterminate  
Labeled Kripke Structures

Jiale Feng *Shenzhen, China*  
THESIS: Real-Time Multi-Object 6-DoF Pose  
Regression with Canonical Objects

Vijayadeepak Ganappathy Bharatkumar  
*Chennai, India*

Zachary Arthur Glanz *Adel, Iowa*  
Seyedehzahra Hosseini *Tehran, Iran*  
THESIS: Memory constrained algorithms for  
multi-valued decision diagrams

Hung Dang Phan *Hanoi City, Vietnam*  
Mohammed Shaiqur Rahman *Purnea, India*  
Madhavan Rajagopal Padmanabhan *Chennai, India*  
THESIS: Spreading Information in Social Networks  
containing Adversarial Users

Anugrah Saxena *Jaipur, India*  
Gayathri Sreepathy *Chennai, India*  
THESIS: Automated analysis and indexing of  
online lecture videos using image processing

Shengwen Xie *China*  
Jingqiao Xu *China*  
Zhengxiong Yuan *Hengshui, China*  
THESIS: Can We Improve Information Freshness  
with Predictions in Mobile Crowd-Learning?

## Major in Cyber Security

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Robert Keith Finstad *Bloomington, Minn.*  
THESIS: Implementing Network Moving Target  
Defense in Embedded Operating Systems

Mubark Jedh *Sudan*  
THESIS: Using messages precedence similarity to  
detect message injection in in-vehicle network

## Major in Education

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Elizabeth Caroline McAllister *Ames, Iowa*  
THESIS: Decolonizing Conservation Organizations:  
A path forward for people and the environment

Quentin Carver Moen *Dixon, Ill.*

## Major in Electrical Engineering (Communications and Signal Processing)

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Kebei Wang *Nanjing, China*

### **Major in Electrical Engineering (Electromagnetics Microwave)**

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Joseph Corrie Boldrey	Austin, Tex.	Aaron Franklin Ramsey	Papillion, Neb.
		THESIS: An implementation of the redirected learning architecture for digital pre-distortion	

### **Major in Electrical Engineering (Microelectronics and Photonics)**

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Rabindra Bhattarai	Gainesville, Fla.	Yixuan Wang	Ames, Iowa
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### **Major in Electrical Engineering (Systems and Controls Photonics)**

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Rahmat K. Adesunkanmi	Ile-Ife, Nigeria	Prabhakaran Pichaikutty	Karaikudi, India
Mohammad Anwar Manjanoor	Kasaragod, India	Anirudha Annasaheb Powadi	Ichalkaranji, India

### **Major in Fisheries Biology**

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Stephen John Grausgruber	Alexandria Bay, N.Y.	Nathan Andrew Tillotson	Paducah, Ky.
THESIS: Evaluation of factors influencing Yellow Perch survival and reproduction in four central Iowa community systems		THESIS: Dynamics of Larval Fish and Zooplankton at the Bigheaded Carp Invasion Front in the Upper Mississippi River	
Brandon Cole Maahs	Mount Horeb, Wis.		
THESIS: Effects of live-release tournament regulation changes for an Iowa Largemouth Bass population			

### **Major in Food Science and Technology**

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Alexandra Ivey	Zachary, La.	Xiaoshuang Yu	Shanghai, China
Yeong Sheng Lee	Ames, Iowa		
THESIS: Food-grade Pickering Emulsions Stabilized by Combined Starch Nanoparticles and Chitin Nanofibers and Their Potential Use For Curcumin Delivery			

### **Major in Forestry**

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†† Julia Kay Schwager	Ames, Iowa	Lewis James Wiechmann	New Richmond, Wis.
THESIS: Impacts of harvest and drought on aspen-dominated forests in the Lake States		THESIS: Adaptability and composition of natural regeneration in Pinus resinosa (red pine)- dominated forests following climate adaptation treatments	

### **Major in Geology**

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Kaitlyn Jo Roxby	Salix, Pa.
THESIS: Determining the Effect of Variable Rupture Velocity on the Generation of High-Frequency Ground Motion During an Earthquake	

### **Major in Gerontology**

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Hannah Cain Dannewitz	Grimes, Iowa
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### **Major in High Energy Physics**

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Kevin Duleep Marasinghe	Ames, Iowa
THESIS An overview of current directions in neutrino theory	

## Major in Horticulture

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Christopher Stephen Imler *Inarajan, Guam*  
THESIS: Quantifying temperature effects in controlled environment agriculture leafy greens and culinary herbs

## Major in Human Computer Interaction

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Robert Joseph Slezak *Ames, Iowa*  
THESIS: Using virtual reality as a platform for developing mental models of industrial systems

Feng Zhao *China*

## Major in Human Development and Family Studies

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Marisol Agüero Garcia *Marshalltown, Iowa*  
Alyssa Lynn Hanson *Faribault, Minn.*  
Luke Timothy Huber *Hudson, Iowa*  
THESIS: The Role of the Home Visitor: How Intervention Improves Stressed Parent-Child Interactions

Louise Mary Peitz *Perry, Iowa*  
THESIS: Service provider perceived barriers to addressing elder abuse: An elder abuse needs assessment

## Major in Immunobiology

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Scott Ryan Ackerman *Huxley, Iowa*

## Major in Industrial and Agricultural Technology

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Sierra R. Hagedon *Marshalltown, Iowa*  
Branden Stephen Lewis *Chillicothe, Ill.*

Kayla Nicole Walls *Mendon, Ohio*  
THESIS: Understanding parent influences on youth decisions to enter agricultural grain storage facilities

## Major in Industrial Engineering

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Sourabh Prakash Choudhari *Pune, India*  
Jordyn Ashley Koenig *Oronoco, Minn.*  
THESIS: An objective assessment of upper extremity exoskeletons during transthoracic echocardiograms  
Fatima Zeyad Suliman Mgaedeh *Irbid, Jordan*  
THESIS: The hidden cost of the safety mask: Development of a breathing simulator to estimate the effect of safety mask type and job demand on the buildup temperature, humidity and moisture  
Viren Jagdish Parwani *Vadodara, India*

Steve Paul *Mumbai, India*  
THESIS: Optimizing strategies to mitigate risk in a supply chain disruption  
Shamika Prashant Pujari *Pune, India*  
Sidharth Kiran Sankhye *Pune, India*  
THESIS: Machine learning methods for quality prediction in manufacturing inspection  
Jeffrey Alan Tschertter *Reinbeck, Iowa*  
THESIS: Evaluating the Influence of Cast Surface Condition on Fatigue

## Major in Information Systems

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Mohammed Elsafi Ali Ahmed *Ames, Iowa*  
THESIS: Foreign relations between European Union, Israel, and the Palestinian Authority  
Mohamed Awadalla Mohamed Ali *Iowa City, Iowa*  
Neh Batwara *Noida, India*  
Anudeep Malepati *Vijayawada, India*  
Ludmila Vasilievna Scott *Ames, Iowa*

Kelly Karson Spoth *Polk City, Iowa*  
THESIS: Information systems evaluation: A conceptual framework  
Kishor Kumar Sridhar *Chennai, India*  
THESIS: Implementing machine learning to predict the readmission of diabetes patients

## Major in Interdisciplinary Graduate Studies

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Matthew Earl Harvey *Des Moines, Iowa*

## Major in Journalism and Mass Communication

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Susan Natalie Cruz-Rodriguez *West Des Moines, Iowa*  
Clay Kenneth Paciorek *Ames, Iowa*  
THESIS: Ten year reunion: A podcast with advice from successful young professionals to help recent graduates

Britney E. Walters-Chester *Ames, Iowa*  
THESIS: Using theory of planned behavior to create exercise behavior for college students with recreation services at Iowa State University

## Major in Kinesiology

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Tanna Mafnas *Kansas City, Mo.*  
THESIS: Cognitive and affective correlates of current physical activity: Does the length of regular participation moderate the relationships?

## Major in Materials Science and Engineering

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Rebecca Leigh W. Fer *Westminster, Colo.*  
THESIS: Novel consolidation methods of Fe-base oxide dispersion strengthened powders produced via gas-atomization reaction synthesis

Millicent A. Hoback *Nairobi, Kenya*  
THESIS: Physics-based void nucleation model using discrete dislocation dynamics and cluster dynamics models

## Major in Meat Science

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Elizabeth Ailene Zuber *Williamsburg, Iowa*  
THESIS: Metabolomic and proteomic features of fresh pork loin that vary in ultimate pH and pork quality

## Major in Mechanical Engineering

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Thomas Jerome Burnett *Algona, Iowa*  
THESIS: A movable experimental system for observing pressurized sprays

Steven Hiran Antonio De Alwis *Ames, Iowa*  
THESIS: Hydrodynamic cavitation for scalable exfoliation of few layered graphene nanosheets

Michael James Flannery *Ames, Iowa*  
THESIS: Investigating a finite element model for acoustic field-assisted particle patterning – applications in additive manufacturing of polymer composites

Ranuka Sandaruwan Gunathilaka Gallolu Kankanamala *Kurunegala, Sri Lanka*  
THESIS: Techno-Economic Analysis of energy systems

Nicholas Thomson Hunter *Des Moines, Iowa*  
THESIS: Interfacial thermal conductance between WSe<sub>2</sub> and SiO<sub>2</sub> with consideration of radiative electron-hole recombination

Menglin Ni *Panjin, China*  
THESIS: Residual terms of volume filtered multiphase flow momentum equation

†† Prasanth Renganathan *Coimbatore, India*  
THESIS: Role of friction in the perception of tactile graphic textures and subsequent investigation of the neurophysiological activity using EEG

†† Amit Anil Singh *Pune, India*  
THESIS: High Dynamic Range (HDR) 3D scanning using fringe projection profilometry

Nathaniel D. Sliefert *Schofield, Wis.*  
THESIS: Muzzle gas interactions with blood droplet backscatter

## Major in Meteorology

---

Kierstin Rene Blomberg *Newhall, Iowa*  
THESIS: The Potential Influence of Large-Scale Atmospheric Circulation on Precipitation in the Central Great Plains

Kyle Kenneth Hugeback *Solon, Iowa*

Ezio Luca Mauri *Lecco, Italy*  
THESIS: Differences between severe and non-severe warm-season nocturnal bow echo environments

Michael Raymond Scanlan *Raleigh, N.C.*

## Major in Nutritional Sciences (Human Nutrition)

---

Amanda J. Skalka *Deweese, Neb.*  
THESIS: Evaluation of the Iowa Expanded Food and Nutrition Education Program and the Supplement Nutrition Assistance Program Education

Shelley Lynne Woodall *Kamrar, Iowa*  
THESIS: Determining Presence and Cybersickness in Food-Related Virtual Reality Environments

## Major in Plant Breeding

---

Juan Beltran *Sacramento, Calif.*  
THESIS: Foreign relations between European Union, Israel, and the Palestinian Authority

Ryan Joseph Budnik *Maxwell, Iowa*  
THESIS: Evaluation of soybean cyst nematode disease resistance potential from a selection of public breeding

Nelson Allen Hevner *LeRoy, Ill.*  
Christy Michelle Motes *Stillwater, Okla.*  
THESIS: Organic plant breeding-course material development

Swasti Reddy *Marina, Calif.*  
Chelsea Dawn Wetmore *Edmonton, Canada*

## Major in Plant Pathology

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Ruye Liu *Beijing, China*

## Major in Psychology

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Pauline Freud *Denver, Colo.*  
THESIS: Empathic Decision-Making: Is Well-Intentioned Help Effective?

## Major in Seed Technology and Business

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Joshua Dale Cushatt *Newton, Iowa*  
Kori Kalei Masao Sakahashi *Ankeny, Iowa*  
James Michael Terry *Clive, Iowa*  
THESIS: Seed soak bioassay for identifying the Roundup Ready gene in sugar beet seed

Samuel Richard Whitmer *Yuma, Ariz.*  
THESIS: An evaluation of hemp production practices in the U.S. desert southwest

## Major in Soil Science

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Gerasimos G. Danalatos *Athens, Greece*  
THESIS: The Evolution of Nitrogen Fluxes in Iowa State over the last Century

## Major in Soil Science (Soil Fertility)

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Tomas Javier Sitzmann Kruger *Hohenau, Paraguay*  
THESIS: Influence of phosphorus fertilization and no-tillage on maize and soybean root morphology and rhizosphere nutrients dynamics

## Major in Soil Science (Soil Management)

---

Alex Mitchell Cleveringa *Sioux City, Iowa*  
THESIS: Sustainable Systems Approach for Improving Soil Health and Managing Soybean Production

## Major in Soil Science (Soil Morphology and Genesis)

---

Katherine Margaret Taylor *Des Moines, Iowa*



## Major in Statistics

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Luis Damiano *Rosario, Argentina*  
Bernd Fuhrmann *Wien, Austria*  
Yawei Ge *Shuozhou, China*  
Yonghui Huo *Ames, Iowa*  
Minsung Jang *Seoul, South Korea*  
Jessica Lee Kueon *Pohang, South Korea*  
Caleb Clarke Leedy *Maitland, Fla.*  
Peiyi Lu *Guangzhou, China*  
THESIS: Social resources, pension policy, and older adults' health: A cross-national comparison between China, England, Mexico, and the United States

Lauren Alyssa McKeen *Washingtonville, N.Y.*  
THESIS: Simulation studies to assess the power of set testing methods for microbiome data  
Paul Stephen Morris *Hudson, N.H.*  
Lin Quan *Ames, Iowa*  
Scott Dylan Stumbaugh *Mesa, Ariz.*  
Scott Lee Thatcher *Kirksville, Mo.*  
Hongxu Wang *Dadone, China*  
Haijuan Zhang *Ames, Iowa*  
Ziwei Zhou *Xiangtan, China*

## Major in Sustainable Agriculture

---

Sahar Saghi *Ames, Iran*  
THESIS: Effects of Dicamba herbicide on Monarch Oviposition and Larvae Fitness

## Major in Veterinary Microbiology

---

Callie Ann Visek *Ames, Iowa*

## Major in Veterinary Preventive Medicine

---

Susan Bernadine Chadima *Topsham, Maine*

Chelsea Renee Ruston *Altoona, Pa.*  
THESIS: The Use Of Ultraviolet-C Light To Decontaminate Materials Frequently Brought Onto Swine Farms And A Staged Loading Procedure To Reduce Frequency Of Contamination From Livestock Trailer To Barn

## Major in Wildlife Ecology

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Benjamin Z. Luukkonen *Charlotte, Mich.*  
THESIS: Movement and survival of Canada geese in Iowa

Shannon Renee Schmidt *Waukee, Iowa*

## Multiple Curricula and Majors

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Fatima B. Abd Elmajid *Iowa City, Iowa*  
MAJORS: Computer Engineering and Cyber Security

Micah Rain Fatka *Ames, Iowa*  
MAJORS: Environmental Science and Geology  
THESIS: Identification of Toxin Producing Cyanobacteria in Iowa's Lakes

Caroline Jaye Murray *Ames, Iowa*  
MAJORS: Sustainable Agriculture and Entomology  
THESIS: Assessing Pollinator Communities in Prairie Strips

Brady Alan Nahkala *Stillwater, Minn.*  
MAJORS: Agricultural and Biosystems Engineering and Environmental Science  
THESIS: Watershed modeling and random forest flood risk classification of farmed prairie potholes

Keegan Alexander Newton *Washington, D.C.*  
MAJORS: Computer Engineering (Secure and Reliable Computing) and Cyber Security

Taylor Marie Reth *Hopkinton, Iowa*  
MAJORS: Industrial and Agricultural Technology and Agricultural Education



**Fall 2020**

Candidates for Bachelor's Degrees



## COMMENCEMENT SPEAKER

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### **David J. Kingland, Founder and Chief Innovation Officer, Kingland Systems Corporation**

**D**avid J. Kingland is the Founder, Chief Innovation Officer, and Chairman of the Board of Directors of Kingland Systems Corporation and



Kingland Companies, LTD. Mr. Kingland has guided Kingland Systems to become a global leader in providing software, analytics, data, consulting services and solutions to the accounting, banking, financial services, insurance, retail, and technology industries. Kingland Systems has operations in Iowa and China and its cloud-based technology solutions are used by institutions in over 140 countries to help

manage risk, grow revenue, and improve the data they use to make decisions.

Mr. Kingland also co-founded two companies that work in the entertainment business producing movies, television shows, and music for theatrical, broadcast, and streaming release. He has also been active in the financial services industry for over 35 years, founding and selling three financial services broker/dealers that provided institutional trading, investment banking, research services, and personal financial planning services.

Mr. Kingland received his Bachelor of Science degree from Iowa State University in 1980 in Industrial Administration, a program that was the forerunner to the Ivy College of Business. He lives in Bonita Springs, Florida, and Clear Lake, Iowa, with his wife Deb who is also a 1980 graduate of Iowa State. They have three grown daughters and seven grandchildren.

Mr. Kingland received his Bachelor of Science degree from Iowa State University in 1980 in Industrial Administration, a program that was the forerunner to the Ivy College of Business. He lives in Bonita Springs, Florida, and Clear Lake, Iowa, with his wife Deb who is also a 1980 graduate of Iowa State. They have three grown daughters and seven grandchildren.

Mr. Kingland received his Bachelor of Science degree from Iowa State University in 1980 in Industrial Administration, a program that was the forerunner to the Ivy College of Business. He lives in Bonita Springs, Florida, and Clear Lake, Iowa, with his wife Deb who is also a 1980 graduate of Iowa State. They have three grown daughters and seven grandchildren.

# STUDENT MARSHALS

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## COLLEGE OF AGRICULTURE AND LIFE SCIENCES

### **Kendra Spier**

*Hometown: Cambridge, Wisconsin*

*Majors: Dairy Science and Global Resource Systems, Summa Cum Laude*



Kendra is graduating *summa cum laude* with majors in Dairy Science and Global Resource Systems.

A recognized leader on campus, Kendra served as vice president of the Dairy Science Club and a member of Iowa State University's President's Leadership Class. She also earned a spot on the Dean's List each semester while at ISU.

Kendra's passion for the dairy industry and global development is reflected through her efforts and engagement in Brazil, Uganda, and the Netherlands, where she gained knowledge and experience in agriculture, natural resources, and cross-cultural skills.

After graduation, Kendra will be working as a Global Development Education Coordinator for URUS, a dairy technology company based in Wisconsin.

*Faculty Escort: Dr. Leo Timms, Professor Emeritus of Animal Science*

## IVY COLLEGE OF BUSINESS

### **Andrew Girres**

*Hometown: Sergeant Bluff, Iowa*

*Major: Marketing, Summa Cum Laude*

*Minors: Psychology and Event Management*



Andrew is graduating *summa cum laude* with a major in Marketing and minors in Psychology and Event Management.

During his time at Iowa State, Drew served as president of the Student Union Board, Iowa State University's student-run campus programming board, which brings concerts, films, and comedy shows to the Iowa State community. In this role, he led a 14-member executive board through a challenging time for live events. Drew also held numerous leadership positions with Delta Upsilon International Fraternity, and he spent a semester studying abroad in Australia.

Drew completed internships as a social media coordinator at Antidote 71 Agency, a marketing agency in Sioux City, and as a marketing intern at Workiva, a global financial software company in Ames.

After graduation, Drew plans to pursue a creative career in marketing or event management.

*Faculty Escort: Dr. Mike Bootsma, Dean's Teaching Fellow; Associate Teaching Professor of Accounting*

## COLLEGE OF DESIGN

### **Cassandra Frazier**

*Hometown: Ankeny, Iowa*

*Major: Architecture, Summa Cum Laude*

*Minor: Sustainability*



Cassandra is graduating *summa cum laude* with a major in Architecture and a minor in Sustainability.

Cassandra has been on the Dean's List for all eight semesters that she attended Iowa State. She received the Enlow and Melena Ose Presidential Scholarship (in recognition of status as a National Merit Scholar Finalist), the Design Excellence Scholarship, Ankeny Dollars for Scholars, the Luke Altmix Simmons Foundation, and Masters Builders of Iowa Scholarship.

Cassandra was a member of the National Society of Collegiate Scholars, Iowa Women in Architecture, American Institute of Architecture Students, Iowa State Swim Club, Cantamus Choir, Iowa State Dance Club, and The Salt Company. She served as an architectural intern at Hy-Vee Headquarters, a College of Design Core Design Program peer mentor, and as a Destination Iowa State leader.

After graduation, Cassandra will be in pursuing a career in architecture.

*Faculty Escort: Rob Whitehead, Associate Professor, Architecture*

# STUDENT MARSHALS

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## COLLEGE OF ENGINEERING

### **Luis Granadillo**

*Hometown: Cedar Rapids, Iowa*

*Major: Materials Science and Engineering, Summa Cum Laude*

*Minors: Computer Science and Economics*



Luis is graduating *summa cum laude* with a major in Materials Science and Engineering and minors in Computer Science and Economics.

Luis was an undergraduate research assistant in the Iowa State Soft Materials and Structures Lab and the Advanced Materials Lab, which resulted in a peer-reviewed publication. Luis also worked as a supplemental instructor through the Academic Success Center, where he facilitated student sessions, served as a first-year mentor for George Washington Carver Scholars, and participated in the FIRST Lego League as a judge.

Luis received multiple scholarships, awards and honors at ISU, including being named a George Washington Carver Scholar; he was also a member of the University Honors Program and he was on the Dean's List. He also completed a co-op at Collins Aerospace and a summer internship with an international

laboratory in Columbia.

Following graduation, Luis plans to obtain an industry position in materials engineering.

*Faculty Escort: Dr. Scott Chumbley, Associate Chair and Professor in Materials Science and Engineering*

## COLLEGE OF HUMAN SCIENCES

### **Belange Mutunda**

*Hometown: Ankeny, Iowa*

*Major: Apparel, Merchandising, and Design, Magna Cum Laude*



Belange is graduating *magna cum laude* with a major in Apparel, Merchandising, and Design.

As a transfer student, Belange excelled in leadership, strategic thinking, and innovation at Iowa State. With originality, a can-do attitude, and hard work, she also earned numerous competitive scholarships and awards at ISU. Belange will leave her mark at ISU after introducing 3-D design to the computer-automated design pattern-making class this fall.

During her two years as an undergraduate student at ISU, Belange independently launched her own business called Belange Handmade. This successful, eco-friendly company up-cycles materials, designing, producing, and distributing products globally ranging from face masks to bridal wear. The company also does charitable work, producing washable cloth sanitary pads and donating them to charities serving low-income women.

Belange plans to work as a 3-D fashion or technical designer before returning to Iowa State to attend graduate school.

*Faculty Escort: Dr. Eulanda Sanders, Department Chair and Donna R. Danielson Professor in Textiles and Clothing; Apparel, Events, and Hospitality Management*

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### **Sarah Bartlett**

*Hometown: Bettendorf, Iowa*

*Majors: Anthropology, Interdisciplinary Studies (Classical Studies), and Political Science, Magna Cum Laude*



Sarah is graduating *magna cum laude* with triple majors in Anthropology, Interdisciplinary Studies (Classical Studies), and Political Science.

Sarah participated in numerous programs and activities at Iowa State, including as a member of the University Honors Program; a student ambassador for World Languages and Cultures, and president of the Classics Club. She also planned events and organized exhibits as a Pohlmen Fellow with University Museums.

Sarah is a member of Phi Beta Kappa, and is the recipient of the Barbara Mack Award for Excellence in the Social Sciences and Humanities. In 2020, Sarah was named the Outstanding Graduating Senior in Classical Studies and was inducted into the Faces of Iowa State portrait collection. Her honors research project culminated in two campus exhibitions at the Christian Petersen Museum and Brunnier Art Museum, one of which she curated herself. Sarah also studied abroad in Scotland, Italy, and Greece.

After graduation, Sarah plans to seek a career in Museum Curation and Archaeology.

*Faculty Escort: Dr. Margaret Mook, Associate Chair, Director of Classical Studies; Associate Professor of Classical Studies and Latin*

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

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## BACHELOR OF SCIENCE

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### Curriculum in Agricultural and Life Sciences Education

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Noah Maxwell Altenhofen	<i>Wellman, Iowa</i>	Grace Elizabeth Hansen	<i>Wiota, Iowa</i>
Erin Nicole Cantrell	<i>Vinton, Iowa</i>	Jenna Victoria Kingsley	<i>Webberville, Mich.</i>
Kelsi Ann Carlson	<i>Lake City, Iowa</i>	Chloe Donette McCollough	<i>Stratford, Iowa</i>
* Natalee Ann Dippel	<i>Belmond, Iowa</i>	Katelin Elizabeth Pagel	<i>Sumner, Iowa</i>
Rebecca Marie Dresen	<i>Earling, Iowa</i>	** Carly Anne Selken	<i>Keystone, Iowa</i>
Carli Elaine Erickson	<i>Sheridan, Ill.</i>	** Justin Maurice Swanton	<i>Goose Lake, Iowa</i>
* Heidi Jo Fichter Mandt	<i>Shenandoah, Iowa</i>	Joy Renee Van Wyngarden	<i>New Sharon, Iowa</i>
* Ellie Marie Foelske	<i>Waverly, Iowa</i>		

### Curriculum in Agricultural Biochemistry

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Emily Paige Boettger	<i>Arion, Iowa</i>
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### Curriculum in Agricultural Business

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Andrew James Bibus	<i>Austin, Minn.</i>	Grant Mitchell Kiefer	<i>Gridley, Ill.</i>
John Clayton Bobek IV	<i>Markesan, Wis.</i>	*** Nathan Daniel Lasher	<i>Charles City, Iowa</i>
Tana M. Bradley	<i>Kansas City, Kans.</i>	* Shayla Rachele Martsching	<i>Moulton, Iowa</i>
Hannah Ray Chambers	<i>Charles City, Iowa</i>	* Elizabeth Suzanne Smith	<i>Decorah, Iowa</i>
Matthew Allen Chlupach	<i>Ankeny, Iowa</i>	Jace Michael Uphold	<i>Keota, Iowa</i>
Katherine Anna Haage	<i>Peoria, Ill.</i>	Aaron Michael Vittetoe	<i>Washington, Iowa</i>
Makayla Nicole Hammes	<i>Packwood, Iowa</i>	Bradley Richard Wink	<i>Granville, Ill.</i>
Daria Johanna Jorgensen	<i>St. Ansgar, Iowa</i>		

### Curriculum in Agricultural Studies

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Logan Joseph Besch	<i>Whittemore, Iowa</i>	Noah Andrew Juergensen	<i>Churdan, Iowa</i>
Spencer Thomas Bulman	<i>Decorah, Iowa</i>	Jacob Michael Koch	<i>Van Meter, Iowa</i>
Bailey M. Clemens	<i>Bernard, Iowa</i>	William Lawrence Marek	<i>Riverside, Iowa</i>
Meghan Kathleen Crall	<i>Albia, Iowa</i>	Cody Thomas Mead	<i>Marshalltown, Iowa</i>
Dexter Dean Davis	<i>Bloomfield, Iowa</i>	* Christian E. Pellatz	<i>Grimes, Iowa</i>
Desarae Dawn Gentry	<i>Leon, Iowa</i>	Bryce Evan Robison	<i>Winfield, Iowa</i>
Jacob Galen Greenzweig	<i>Charles City, Iowa</i>	Nicholas David Torkelson	<i>Humboldt, Iowa</i>
Thomas Ryan Hallstein	<i>Minier, Ill.</i>	Cole Allen Vande Voort	<i>Leighton, Iowa</i>
*** Abby Marie Hockemeyer	<i>Holland, Iowa</i>	Colton William Vandenberg	<i>Farmington, Iowa</i>
Tucker Quinn Janecek	<i>Wayland, Iowa</i>	Jack Jensen Wibholm	<i>Alden, Iowa</i>

### Curriculum in Agricultural Systems Technology

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** Tobyn Donovan Bender	<i>Wellman, Iowa</i>	Seth Davis Moore	<i>Slater, Iowa</i>
Pierre Rene Buffard	<i>Amana, Iowa</i>	Ryan Musch	<i>Clarendon Hills, Ill.</i>
Devri Lynn Cliburn	<i>Norway, Iowa</i>	Tara Jean Peeters	<i>Blue Grass, Iowa</i>
Mason D. Eilderts	<i>Wellsburg, Iowa</i>	Dallas Allen Steil	<i>Altoona, Iowa</i>
John Francis Erickson	<i>Valmeyer, Ill.</i>	* William J. Swenka	<i>Tiffin, Iowa</i>
Cole E. Hall	<i>Sheffield, Iowa</i>	Hunter James Vontalge	<i>Johnston, Iowa</i>
Andie Jay Hartman	<i>Cumberland, Iowa</i>	Joshua Lynn Walshire	<i>Cedar Rapids, Iowa</i>
** Mitchell Glenn Jennett	<i>Blockton, Iowa</i>	Derick Gordon Weiermann	<i>Victor, Iowa</i>
Foster R. Laake	<i>Bloomington, Ill.</i>	Logan Lee West	<i>Clermont, Iowa</i>
Jared Martin Meisgeier	<i>Arlington, Iowa</i>	Trey Anthony Woodall	<i>Kamrar, Iowa</i>

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

## Curriculum in Agriculture and Society

Laura Mae Brost Walworth, Wis.

## Curriculum in Agronomy

Jacob Trevor Coon	Carter Lake, Iowa	* Colin Lee Stark	Pontiac, Ill.
** Andrew Edward Goemaat	New Sharon, Iowa	Jarrett James Stoner	Grundy Center, Iowa
Jacob Thomas Keck	College Station, Tex.	Kali Alainna Tuon	Johnston, Iowa
** Kuan-Yi Lee	Taipei, Taiwan	Madison Lyn Waterbury	Tama, Iowa
Benjamin Michael Porepp	Grimes, Iowa	*** Hannah Lillian Weber	Sauk Rapids, Minn.
Tyler J. Simon	Farley, Iowa	* Riley Michael Wilgenbusch	Story City, Iowa

## Curriculum in Animal Ecology

* Cody James Acevedo	Watertown, Wis.	* Emily L. Lemons	Davenport, Iowa
Brett Mathew Anderson	Lead, S. Dak.	Samantha Rose McGee	Bettendorf, Iowa
Gabriella Marie Casteline	Toa Alta, Puerto Rico	Isabel Neeley	Hillsboro, Iowa
Molly Rose Cochran	Mokena, Ill.	Jenna Lynn Nixt	Ankeny, Iowa
Veronica Lynn Crump	Cedar Rapids, Iowa	Matthew Ian Parry	Waverly, Iowa
Ross D. Curry	Le Mars, Iowa	Kennedy Lauren Reimer	Clear Lake, Minn.
Bailey V. Dohlmán	Riceville, Iowa	** Celine Magali Juliette Rickels	Bernard, Iowa
Lindsey May Fischer	Ottumwa, Iowa	*** Curtis Elmer Schnack	Westphalia, Iowa
Sabrina Ann Gnewuch	Parkersburg, Iowa	Aidan-James Robert Stills	Indianola, Iowa
** Aaron Christopher Hendrix	Canton, N.C.	Natasha R. Tellinghuisen	Boone, Iowa
KC Kenney	Sioux City, Iowa	Joshua David Wegman	Pekin, Ill.

## Curriculum in Animal Science

Kenna Lee Acheson	Urbandale, Iowa	*** Diana Matache	Mount Prospect, Ill.
* Carly Marie Bates	Muscatine, Iowa	Haley Lorraine McClure	Eldridge, Iowa
Elizabeth Avis Beckmann	Lake Crystal, Minn.	Garrison Kenneth McFarlan	Urbandale, Iowa
* Jill Kariin Berkland	Sibley, Iowa	** Brooke Caroline Mitrison	Oskaloosa, Iowa
*** Shelby M. Borgestad	Battle Ground, Ind.	Asjad Imadeldin Mohamed	Iowa City, Iowa
* Cassandra Rose Burkle	Earlville, Iowa	Arianna Nicole Murley	Milan, Ill.
Tanner Dean Burton	Davis City, Iowa	Arianna Nasrin Nasserjah	Oregon, Wis.
Nina Renee Campbell	Eastpointe, Mich.	Natalia Sofia Nieves Viera	Trujillo Alto, Puerto Rico
Sabrynn Sarah Dague	Maquoketa, Iowa	Rachel Mae Nishon	Fishers, Ind.
Dawson Dal Porto	Oakley, Calif.	Paige Morgan Peine	Hastings, Minn.
* Lydia Joyce Denniston	Oskaloosa, Iowa	Shelby Linette Risner	Castle Rock, Wash.
Maria Agustina Eizmendi	Urbandale, Iowa	** Maria Therese Landkammer Rivers	Sauk Centre, Minn.
Harrison Thomas Furlow	Dripping Springs, Tex.	* Morgan Jennifer Sliger	Nora Springs, Iowa
* Taylor Jo Gidel	Humboldt, Iowa	Nicole Marie Stanley	Portola Valley, Calif.
Avery Kaye Haefner	Cedar Rapids, Iowa	** Justin Maurice Swanton	Goose Lake, Iowa
Jordan Lesley Handy	Ottumwa, Iowa	Alexie Titiyevsky	Highland Park, Ill.
Noah Lawrence Hartleben	Clintonville, Wis.	Marshall Dallas Tucker	Harlan, Iowa
Erika Marie Johnson	Waukon, Iowa	Libertie A. Uppena	Wyoming, Iowa
Tristen Catherine Johnson	Cedar Rapids, Iowa	** Jennifer Anne Vander Lee	Hartley, Iowa
Alexandra Marie Keller	Clarion, Iowa	Deann Ruth Winter	Wickenburg, Ariz.
** Kathryn M. Klages	Hales Corners, Wis.	** Jackson David Zartman	Dubuque, Iowa
Hannah May Kramer	Lamont, Iowa		

## Curriculum in Biology

Ethan Keith Aljets	Parnell, Iowa	*** Anna Kathleen Kilhoffer	Crystal Lake, Ill.
*** Grace A. Avery	Roscoe, Ill.	Isaac Steven Lawrence	Cedar Falls, Iowa
Riley Lynn Barbour	Des Moines, Iowa	Yevin Chamika Liyanapatabendi	Elmhurst, Ill.
Crystal Lynn Boeckel	Littleton, Colo.	Jason Donald McVicker	Webster City, Iowa
Makaela Alexis Buol	Marion, Iowa	Stephanie Ann Miller	Cedar Rapids, Iowa
Brittani Elaine Coe	Ankeny, Iowa	*** Quynh Ngoc Nhu Nguyen	Baclieu, Vietnam
*** Augusta Rhett Hamaker	Bloomfield, Iowa	Samantha Mae Obermoller	Brewster, Minn.
* Cecilia Danielle Hinsley	Amana, Iowa	** Michael William Tarnow	Boone, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program



## Curriculum in Dairy Science

---

* Amanda Lee Keiper	Palo, Iowa	* Isabella Lynn Portner	Sleepy Eye, Minn.
*** Julia Kay Mullenbach	Rose Creek, Minn.	*** Kendra Lee Spier	Cambridge, Wis.

## Curriculum in Environmental Science

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Joseph Hunter Krichel	Woodward, Iowa	Aidan-James Robert Stills	Indianola, Iowa
Bennett Edward Raper	Norwalk, Iowa	** Michael William Tarnow	Boone, Iowa
***† Luke Alexander Sloterdijk	Marion, Iowa		

## Curriculum in Forestry

---

Sarah M. Demoss	Pella, Iowa	Lola Joy Phillips	Des Moines, Iowa
Morgan Jodi Langer	Trevor, Wis.	Sierra Leona Phipps	Ogden, Iowa
** Chelsie Anne Minor	Martelle, Iowa		

## Curriculum in Genetics

---

Sundus A. A. S. Alhaji	Kuwait City, Kuwait	Melvin A. Mariasoosai	Kuala Lumpur, Malaysia
Chelsea Elizabeth Cepiel	San Antonio, Tex.	Mohamed Essa Shogar	Cedar Rapids, Iowa
Mihir Kishor Kharate	Council Bluffs, Iowa		

## Curriculum in Global Resource Systems

---

* Heidi Jo Fichter Mandt	Shenandoah, Iowa	Brooklyn Rosa Snyder	Ankeny, Iowa
Alyssa M. Hollingsworth	Des Moines, Iowa	*** Kendra Lee Spier	Cambridge, Wis.
** Olivia Quinn Miller	Osage, Iowa	* Riley Michael Wilgenbusch	Story City, Iowa
***† Luke Alexander Sloterdijk	Marion, Iowa		

## Curriculum in Horticulture

---

Aaron Joseph Daughetee	Robins, Iowa	Tavender Perry Jones	Story City, Iowa
Connor Joseph Evers	Brookings, S. Dak.	Michael William McCarthy	Naperville, Ill.
Landon Jacob Fraser	Ankeny, Iowa	Kayren Michael Robinson	West Des Moines, Iowa
* Sherman Michael Hartman	Burlington, Iowa	Spencer Daniel Sherrick	Chariton, Iowa
Michael J. Johnson	Naperville, Ill.	Ellena Ryan Wolff	Dubuque, Iowa

## Curriculum in Industrial Technology

---

Samuel Frank Adams	Chariton, Iowa	Cooper M. Hayes	Cedar Falls, Iowa
Isaac Jacob Althoff	Colesburg, Iowa	Hunter Robert Hinton	Geneseo, Ill.
Noel M. Bartusek	Des Moines, Iowa	** Kelly J. Jansen	Parkersburg, Iowa
Luke David Beisner	Cedar Falls, Iowa	Terrence Joseph Johnson	Eagan, Minn.
Marko Bol Malek Bol	Ames, Iowa	Matthew William Kaczynski	Hinsdale, Ill.
Elijah L. Bouwman	Blaine, Minn.	Aaron A. Kraus	Urbandale, Iowa
Wyatt Henry Brink	Bronson, Iowa	Foster R. Laake	Bloomington, Ill.
Levi D. Bruns	Waverly, Iowa	Keegan D. Lass	De Witt, Iowa
Skylar James Bunton	Normal, Ill.	Samuel George Mailahn	Council Bluffs, Iowa
Spencer Johnathan Chinske	Waukegan, Ill.	Nicholas Scott Markey	Cedar Rapids, Iowa
Drew David Darling	Ankeny, Iowa	Tanner Lee Pingel	Adel, Iowa
Brandon Lee Engelstad	Ankeny, Iowa	Joseph Neff Regan	Ely, Iowa
Jozef Skylar Evenson	Waterloo, Iowa	Nicholai James Rusch	Elcho, Wis.
Dylan Matthew Ferguson	Harlan, Iowa	Titus Scheele	Prescott, Wis.
Christian M. Feye	Cedar Rapids, Iowa	Raymond J. Schmid	Rockford, Ill.
Logan Isaac Fronatt	Alburnett, Iowa	Thomas Richard Schmitt	Cedar Rapids, Iowa
Levi James Gadow	St. Charles, Ill.	Hailey Mae Scott	Oelwein, Iowa
Samuel Reed Gray	Cedar Rapids, Iowa	Keegan M. Tenge	New Hampton, Iowa
Jesus Ernesto Guzman	Des Moines, Iowa	Calvin John Wildeboer	Dike, Iowa
** Lake D. Hacker	Audubon, Iowa		

\* Cum Laude  
\*\* Magna Cum Laude

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

## Curriculum in Microbiology

---

Justin Alexander Colvin	Aurora, Ill.	**† Megan Wyn Jones	Woodbury, Minn.
Victoria L. Harper	Des Moines, Iowa	* Sarah Anne Mendel	Bettendorf, Iowa
* Sydney Amanda Johnston	Apple Valley, Minn.	* Taylor A. Sherman	Martelle, Iowa

## Curriculum in Nutritional Science

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Brett Alan Bowers	Independence, Iowa	** Olivia Quinn Miller	Osage, Iowa
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## Multiple Curricula and Majors

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*** Shannon Marie Breja	State Center, Iowa	* Megan Ann Nemec	Fairfax, Iowa
Agronomy and Seed Science		Agronomy and Agricultural and Life Sciences Education	
* Amanda M. Bryan	Council Bluffs, Iowa	** Emma R. Olson	Grand Mound, Iowa
Animal Science and International Agriculture		Agricultural Business and Liberal Arts and Sciences: Major in Economics	
** Jacob Vincent Burds	Epworth, Iowa	Kourtney Marie Pederson	Farmington, Minn.
Industrial Technology and Agricultural Systems Technology		Agricultural Business and Liberal Arts and Sciences: Major in Economics	
Michael Eugene Cooley	Orient, Iowa	Emmaline Claire Putnam	Fairport, N.Y.
Agricultural and Life Sciences Education and Agriculture and Society		Global Resource Systems and Liberal Arts and Sciences: Major in Psychology	
*** Chloe Meikel Creekmur	Ankeny, Iowa	** Samuel Jamison Schempp	Parkesburg, Pa.
Animal Ecology and Biology		Agricultural Systems Technology and Industrial Technology	
Shane P. Dierickx	Long Grove, Iowa	** Austin H. Schleich	Fairview, Ill.
Agricultural Business and Liberal Arts and Sciences: Major in Economics		Agronomy and Seed Science	
**† Emma Madison Flemming	Des Moines, Iowa	John Wellington Staples	Norwalk, Iowa
Environmental Science and International Studies		Industrial Technology and Agricultural Systems Technology	
Matthew Scott Foli	Lake Bluff, Ill.	* Lilian Pearl Swanson	Galt, Iowa
Biology and Environmental Science		Agricultural Business and International Agriculture	
Shane Douglas Helm	Montezuma, Iowa	Cody Lane Thomas	Madrid, Iowa
Agricultural Business and Liberal Arts and Sciences: Major in Economics		Agronomy and Seed Science	
* Hannah Maxine Kapka	Clarion, Iowa	Clayton Earl Waldschmidt	Iowa City, Iowa
Animal Science and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)		Agricultural Systems Technology and Industrial Technology	
Jesse True Kisker	Ankeny, Iowa	Kelli Jo Wicks	Hubbard, Iowa
Agricultural Systems Technology and Industrial Technology		Agriculture and Society and International Agriculture	
*** Aubrey Mathews	Laguna Niguel, Calif.		
Environmental Science and Environmental Studies			
Adam L. McDermott	Minden, Iowa		
Agricultural Systems Technology and Industrial Technology			

# CANDIDATES FOR DEGREES FROM THE IVY COLLEGE OF BUSINESS

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## BACHELOR OF SCIENCE

---

### Major in Accounting

---

Meredith A. Ahrenholtz	Fort Dodge, Iowa	** Connor T. Naumann	Plymouth, Minn.
** Lindsey Katherine Baldus	Huxley, Iowa	*** Deanna Maura Newhouse	Marion, Iowa
*** Connor Michael Bean	Granville, Ill.	*** Ryan Ba Nguyen	Des Moines, Iowa
*** Kevin Donald Blok	Ankeny, Iowa	Riley Kirk Peterson	Huxley, Iowa
Daniel Charles Bornholtz	Woodbury, Minn.	Ian Robert Porter	Plymouth, Minn.
Laneesa Fern Brand	Elkhart, Iowa	Li Qin	Chengdu, China
* Sunny Sean Camacho	Tinley Park, Ill.	** Sarah G. Reger	Ames, Iowa
* Jason James Deeds	Des Moines, Iowa	** Kevin Joseph Specht	Luxemburg, Iowa
Nicholas Ryan Fopma	Huxley, Iowa	Patrick Joseph Stephenson	Normal, Ill.
Jackson Loren Gonnerman	Geneva, Ill.	Sean Kyle Taylor	Ames, Iowa
Nicholas Sean-Lum Greiner	Ames, Iowa	** Anita Thi	Ankeny, Iowa
Jarred Don Gustofson	Boone, Iowa	*** Angela R. Tucker	Ames, Iowa
*** Andrew Raymond Henriksen	Salem, Iowa	Zachary Vanderlip-Mclean	Des Moines, Iowa
Joel Antonio Lopez	Ankeny, Iowa	Kylie Renae Weisbrod	Emmetsburg, Iowa
* Ryan Christopher McNamara	Templeton, Iowa	Samantha Jean Wilsey	Waconia, Minn.
Abdifatah A. Mohamed	Des Moines, Iowa	* Jaimee Nicole Zajac	Park Ridge, Ill.

### Major in Business Analytics

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*** Isaac M. Stitz	Harlan, Iowa
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### Major in Business Economics

---

** Nathan Harris Kasdan	Eden Prairie, Minn.	* Hunter Lee Pappan	Prole, Iowa
William John Mickelson	Minneapolis, Minn.	* Yang Yu	Shanghai, China

### Major in Entrepreneurship

---

Solomon D. Funchess	Waterloo, Iowa	Samuel John Reyant	Lakeville, Minn.
Benjamin Thomas Lauritsen	Otley, Iowa	* Alivia Francine Schuring	Des Moines, Iowa
Alec Raatz	Darien, Ill.	James Charles Storm	Indianola, Iowa

### Major in Finance

---

***† Ross Allen Ackerman	Harrisburg, S. Dak.	Hugh William Hart	Fort Collins, Colo.
Zachary Anderson-Clausen	Bettendorf, Iowa	Samuel Jay Heck	Clear Lake, Iowa
*** Rachel Marie Anfinson	Urbandale, Iowa	** Samuel Michael Herrig	Dubuque, Iowa
Jessica Ellen Bigelow	Urbandale, Iowa	Brody Alan Hickle	Altoona, Iowa
* Jonathan Everett Bliss	West Des Moines, Iowa	Phuong D. Hoang	Cedar Rapids, Iowa
Joshua Wayne Borts	West Des Moines, Iowa	Ian Jacob Isaacson	Shenandoah, Iowa
Aaron James Coburn	Elkhart, Iowa	Fatima Hussein Issak	Des Moines, Iowa
Zachary R. Coglizer	Ankeny, Iowa	Stephen John Italiano	Algonquin, Ill.
** Hunter P. Dolan	River Falls, Wis.	Christina Marie Kashin	New Lenox, Ill.
Matthew Joseph Dunne	Lemont, Ill.	*** Andrew Paul Kern	Stillwater, Minn.
Brody Evan Frain	Carson, Iowa	Britton William Klomstad	West Des Moines, Iowa
* Jared Stephen Garner	Council Bluffs, Iowa	Alec James Lawrence	Johnston, Iowa
† Hannah Gorton	Vinton, Iowa	Derrick James Leider	Hebron, Ill.
Enedina C. Guerrero Brown	Des Moines, Iowa	Olivia Patrice Leiferman	Batavia, Ill.
Gage Kolten Gunnerson	Carroll, Iowa	Yuxue Liu	Rizhao, China

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

Samuel Anthony Manzella	Glenview, Ill.	Simin Shan	Nanjing, China
Alexia Mckensie Mayes	Davenport, Iowa	Mickayla Rose Shattuck	De Soto, Iowa
Joseph Mark McKim	Ames, Iowa	** Raymond Joseph Siewert	Chicago, Ill.
Christopher William Nye	Arlington Heights, Ill.	* Yingzhou Sun	China
Shane M. O'Regan	Rock Valley, Iowa	Seokmin Sung	Seoul, South Korea
Brady Alan Patterson	Hudson, Wis.	Ryan Dennis Sunstrom	Boone, Iowa
** Trenton Mitchell Pride	Grimes, Iowa	Kyle Andrew Therman	Normal, Ill.
Carson Quackenbush	Oswego, Ill.	Thomas Christopher Tigges	La Motte, Iowa
* Blake Michael Ramsey	Waukee, Iowa	Zhensheng Tu	Taizhou, China
Grant Richard Rumlow	West Dundee, Ill.	Kabrina Denise Voigts	Ames, Iowa
Olivia Jean Sandquist	Ankeny, Iowa	Jacob Francis Washa	New Prague, Minn.
Trent Riley Schippers	Monroe, Iowa	Mingyang Zuo	Chongqing, China
** Kyle Neil Schmitz	Harlan, Iowa		

## Major in Management

Brooke Lynn Anderson	Humboldt, Iowa	*** Daniel Stefano Kranovich	DeWitt, Iowa
Madelyne Bailey Arand	McConnell, Ill.	Sage Sieanna Michalski	Dayton, Iowa
Paul Baker	Altoona, Iowa	Quinton J. Nielsen	Algona, Iowa
Carter J. Bauge	Altoona, Iowa	Ross Daniel Passarelli	Yorkville, Ill.
Jonathan James Bieker	Harlan, Iowa	Anthony Francis Paul	Fort Dodge, Iowa
Alexander Michael Bragg	Pella, Iowa	Luis Eduardo Rios	Des Moines, Iowa
Jacob Patrick Crawford	Independence, Iowa	Dylan Joseph Rude	Granger, Iowa
Amanda Michelle Demers	Bondurant, Iowa	Neil Patrick Schmaus	Ames, Iowa
Samantha Lynn Emmert	McHenry, Ill.	Taylor Autumn Schnathorst	Webster City, Iowa
Andrew Louis Ernst	Sioux City, Iowa	Michael A. Schwab	Mundelein, Ill.
Hillary Marie Grennan	Rock Falls, Ill.	Justin Thomas Shaw	Urbandale, Iowa
* Jenna Mae Grimmer	Princeton, Ill.	Haylee Jo Stoltz	Bondurant, Iowa
Sherry Mounir Riad Guirguis	West Des Moines, Iowa	Regan Nicole Suntken	Ames, Iowa
Ryan Christopher Jenkins	Ames, Iowa	Rylee Marie Thomas	Polk City, Iowa
Wyatt B. Kaldenberg	Indianola, Iowa	** Bruce William Tremel	Woodbine, Iowa
* Eryn Suzann Kirby	Cedar Rapids, Iowa	Abigail Lynne Vincent	Huxley, Iowa
** Trevor J. Knabach	Crystal Lake, Ill.	Corey Jaymes Wagner	Stratford, Iowa
		Jenna Lynne Woodall	Kamrar, Iowa

## Major in Management Information Systems

Saeed Mahdi Alameri	Al Ain, United Arab Emirates	Jordan Andrew Jopes	Elmhurst, Ill.
Shaojun Bao	Beijing, China	Nicholas S. Kistler	Forest City, Iowa
** Robert Lewis Bolton	West Des Moines, Iowa	Paschalis Grant Koullapis	Nicosia, Cyprus
** Mark Thomas Bowler	Ottumwa, Iowa	** Nathan Noel Markus	Dubuque, Iowa
Joshua Payton Buus	Glenwood, Iowa	Ryan C. McLaughlin	Des Moines, Iowa
** Peter Jacob Cassioppi	Naperville, Ill.	Twime Alphonse Mwakiluma	Belmond, Iowa
Jonathan Thomas Christ	West Des Moines, Iowa	Huy T. Nguyen	Des Moines, Iowa
Julien Spencer Coffey	Manhattan Beach, Calif.	Colton Lee Nuzum	Monroe, Iowa
** Hailey Marie Collins	Clive, Iowa	Sarah Madeline O'Leary	Milwaukee, Wis.
** Ethan Michael Deroy	Ankeny, Iowa	Hannah Caitlyn Rothamel	Waukee, Iowa
**† Abraham Michael Fisher	Clinton, Iowa	Robert William Rudelius	Golden Valley, Minn.
Marco William Foster	Des Moines, Iowa	Alec Brian Schaubhut	Ankeny, Iowa
Christopher D. Gifford	Kellogg, Iowa	Madison Shelby Sly	Nevada, Iowa
Adalberto Gomez	Round Lake, Ill.	Eric Jeffrey Stark	Johnsburg, Ill.
Raga Ranzitha Govada	Kakinada, India	Michael Paul Sueppel	Iowa City, Iowa
Nicholas Sean-Lum Greiner	Ames, Iowa	* Haotian Sun	Taiyuan, China
** Alexander Jay Gurganus	Ames, Iowa	Benjamin Joel Suthakar	Abu Dhabi, United Arab Emirates
* Cowen Mitchel Hames	Le Mars, Iowa	Steven Joseph Vargas	Dana, Iowa
Yingnan Hao	Changchun, China	*** Samuel I. Walding	Sioux City, Iowa
Henry Phuc Huynh	Woodbury, Minn.	Matthew Steven Wetterich	Bloomfield, Iowa
Weiwen Jiang	Shanghai, China		
Jalen Tyrese Jones	Des Moines, Iowa		

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

## Major in Marketing

* Kathryn Ann Bauerly	Olathe, Kans.	Abigail Violet Moroz	Maple Grove, Minn.
Nicholas Paul Baumhover	Huxley, Iowa	Lucas William Nelson	Excelsior, Minn.
Kylie Carisa Belt	Lake View, Iowa	Cade Jamison Niblo	Waukee, Iowa
Noah Ryan Busch	Eagan, Minn.	Beau Thomas Norgaard	Ankeny, Iowa
Vijay Josue Calderon	Des Moines, Iowa	Clay Robert Olson	Hartsburg, Ill.
Brandon Jay Chenoweth	Wapello, Iowa	Gant Thomas Orloff	Tinley Park, Ill.
Nicholas August DeLisi	Runnells, Iowa	Dominick John Pearson	Rockford, Ill.
** Taylor Noel Dubois	Des Moines, Iowa	Katelyn Dawn Pedersen	Altoona, Iowa
** Carson John Ellingson	Hudson, Iowa	Valerie R. Rodesiler	St. Charles, Ill.
*** Andrew David Girres	Sergeant Bluff, Iowa	Grant Timothy Roszhart	Waukee, Iowa
Tanner John Griesenbrock	Urbandale, Iowa	* Whitney A. Sanders	Urbandale, Iowa
Thomas James Halligan	Urbandale, Iowa	Mickayla Rose Shattuck	De Soto, Iowa
* Robert Joseph Hamilton	Glidden, Iowa	* Mallory Elaine Sopher	Belmond, Iowa
Alec Charles Hast	Dow City, Iowa	Zhuochuang Sun	Shandong, China
Delaney Rose Hofert	South Elgin, Ill.	Nicole M. Tiritilli	Prior Lake, Minn.
Courtney Leigh Ihns	Cresco, Iowa	Sierra Nicole Trent	Ankeny, Iowa
April Rose Klein	Mahtomedi, Minn.	Kelly Nicole Troxel	Grimes, Iowa
Kody Jeffrey Kolker	St. Charles, Ill.	Ross Allen Vande Weerd	Pella, Iowa
Andrea K. Lemmon	Clive, Iowa	Luigi Verde	Lake Barrington, Ill.
* Kirstie Ann Martin	Independence, Iowa	Andrew Robert Wankum	Merrill, Iowa
Hernan Martinez	Des Moines, Iowa	Mykayla Rae Watznauer	West Point, Iowa
Mitchell Thomas McClain	Ankeny, Iowa	Lauren Kay Weisshaar	West Des Moines, Iowa
Donald James Miller	Ames, Iowa	Emily Rose Winter	Adel, Iowa
Christian Isaac Minor	Urbandale, Iowa	**† Megan Ericha Ziemann	Ankeny, Iowa

## Major in Supply Chain Management

Elizabeth Ann Bell	Hopkinton, Iowa	Kory Jay Massman	Webster City, Iowa
*** Bradley Steven Benshoof	Winterset, Iowa	Shay Leonard McIntire	Huxley, Iowa
Kelly Lynn Best	Des Moines, Iowa	Joseph Anthony Meek	Des Moines, Iowa
Daniel Mervin Brennan	Lansing, Iowa	Evan Walter Nelson	Ankeny, Iowa
Max Christopher Bruner	West Des Moines, Iowa	Jacob Edward Pelland	Iowa City, Iowa
Kayla Rose Caskey	Spencer, Iowa	Alejandro Perez	Marshalltown, Iowa
Sean Arthur Deal	Mercer Island, Wash.	Adithya N. Raghavan	Warren, N.J.
Mavrick James Decker	Glenwood, Iowa	Raahym Rasul	Islamabad, Pakistan
* Hadyn Grace Dille	Radcliffe, Iowa	Hannah Caitlyn Rothamel	Waukee, Iowa
** Carson John Ellingson	Hudson, Iowa	** Orestes Danny Selliris	Hudson, Wis.
Kyle Gregory Ferris	Muscatine, Iowa	Daniel James Sichterman	Cincinnati, Ohio
Andrew Jacob Frantzen	Ames, Iowa	Emily J. Siebenaler	Bloomington, Minn.
Brandon Owen Grant	North Aurora, Ill.	Samuel Frederick Sporrer	Clive, Iowa
Bowen Huang	Chongqing, China	Ze Yu Tan	Melaka, Malaysia
Martin Norman Jennings	Fairfield, Iowa	Nathan David Thiesse	Muscatine, Iowa
Jiaqi Jiang	Beijing, China	Liam Rory Walling	Des Moines, Iowa
Thor Jeffrey Johnson	Plymouth, Minn.	Rosalyn Kay Weis	Council Bluffs, Iowa
Aidan B. Juillard	The Woodlands, Tex.	Trenton M. Wellendorf	Fort Madison, Iowa
Adam Lee Konrad	Geneva, Ill.	Shuting Zhang	Ames, Iowa

## Multiple Curricula and Majors

Jordan Nicole Abbott	Ames, Iowa	Grace Elizabeth Anne Blocker	Waukon, Iowa
Accounting and Management		Management and Marketing	
Connor James Assalley	Naperville, Ill.	*** Kathleen A. Boland	St. Paul, Minn.
Marketing and Supply Chain Management		Marketing and International Business and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	
Michael Louis Ball	Mequon, Wis.	Dayton John Boston	Fairfax, Iowa
Management Information Systems and Supply Chain Management		Marketing and Management	
* Brenden Wade Bassett	Albia, Iowa		
Management and Finance			

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

- \*\*\* **Madeline Grace Brandt** *Ackley, Iowa*  
Finance and Supply Chain Management
- Creighton Robert Caple** *Maxwell, Iowa*  
Marketing and Management
- Hayden Michael Clausen** *Urbandale, Iowa*  
Accounting and Entrepreneurship
- Ty D. Cook** *New Providence, Iowa*  
Supply Chain Management and Entrepreneurship
- Max Robert Donaldson** *McClelland, Iowa*  
Management Information Systems and Finance
- \*\* **Adeline Elaine Frank** *Davis City, Iowa*  
Marketing and Management
- \*† **Hannah Gorton** *Vinton, Iowa*  
Accounting and International Business
- Kaleb S. Hammes** *Ankeny, Iowa*  
Marketing and Management Information Systems
- Brody Alan Hickle** *Altoona, Iowa*  
Accounting and Management
- \* **Kyle Donald Huff** *Ringwood, Ill.*  
Management and Marketing
- \*\* **Kayla Sue Jennings** *Prairie City, Iowa*  
Marketing and Management
- \* **Kailey D. Kaska** *Fairfield, Iowa*  
Marketing and Management
- \*\*\* **Stephanie E. Kennedy** *Hinton, Iowa*  
Supply Chain Management and International  
Business
- Brady Allen Lange** *Norwalk, Iowa*  
Management and Management Information  
Systems
- Justin Z. Lee** *Naperville, Ill.*  
Management Information Systems and Supply  
Chain Management
- Zhijun Li** *Arcadia, Calif.*  
Accounting and Finance
- \* **Sarah B. Lockbaum** *Hudson, Wis.*  
Marketing and International Business and Liberal  
Arts and Sciences: Major in World Languages and  
Cultures (German)
- Danahe G. Lopez Lozano** *West Des Moines, Iowa*  
Marketing and International Business
- \*\*\*† **Hernan Emmanuel Machado** *Mayaguez, Puerto Rico*  
Accounting and Finance
- \*\*\* **Callen James Magerkurth** *Geneseo, Ill.*  
Finance and Liberal Arts and Sciences: Major in  
Economics
- Duncan Edward Marquis** *Minnetrissa, Minn.*  
Management Information Systems and Supply  
Chain Management
- \* **Morgan Mitchell** *West Des Moines, Iowa*  
Finance and Liberal Arts and Sciences: Major in  
Political Science
- Bryce Pahl** *Algonquin, Ill.*  
Management Information Systems and Finance
- Stacey Michelle Parmer** *South Elgin, Ill.*  
Marketing and Management
- Saghit A. Rethmeier** *Newton, Iowa*  
Marketing and Liberal Arts and Sciences: Major  
in World Languages and Cultures (Spanish)
- Bridget Ann Schnell** *Davenport, Iowa*  
Accounting and Liberal Arts and Sciences: Major  
in World Languages and Cultures (Spanish)
- \* **William Cresap Shoemaker II** *Valley Center, Calif.*  
Marketing and Entrepreneurship
- Grant G. Shoeman** *Johnston, Iowa*  
Management Information Systems and Supply  
Chain Management
- \*\*\* **Joseph Peter Stammeyer** *Newton, Iowa*  
Accounting and International Business
- \*\* **Carlena Marie Vander Meulen** *Johnston, Iowa*  
Supply Chain Management and Marketing
- \*\*\* **Autumn J. Vander Waal** *Indianola, Iowa*  
Finance and International Business
- Will E. Vanderholt** *Norwalk, Iowa*  
Marketing and Supply Chain Management

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

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## BACHELOR OF ARCHITECTURE

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### Curriculum in Architecture

---

* Tikeoluwa Ademola Akintan	Lagos Nigeria	** Gautam Pradeep	India
Dylan Kurtis Anderson	Chaska, Minn.	* Heather Nicole Schulte	Breese, Ill.
*** Donovan Dallin Bunn	Fayette, Iowa	Lauren Kathleen Stokes	Denver, Iowa
* Leigha Elizabeth Duckett	Johnston, Iowa	Jennifer Miran Tan	Des Plaines, Ill.
*** Cassandra Lynn Frazier	Ankeny, Iowa	** Noah Cameron Torstenson	Urbandale, Iowa
Hemant Godhani	India	*** Mathew Craig Townsley	DeWitt, Iowa
Abbigail Grace Harding	Council Bluffs, Iowa	** Trevor Ray Toy	Homestead, Iowa
* Mary Delaney Kelly	Omaha, Neb.		

## BACHELOR OF ARTS

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### Curriculum in Art and Design

---

Dorothy Ellen Green	Des Moines, Iowa	Yoong Tsin Ong	Cheras, Malaysia
Rong Huang	Guangzhou, China	Margarita Timakova	Togliatti, Russia

### Curriculum in Interdisciplinary Design

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Ethan Andersen	Des Moines, Iowa	* Pyper Camille Yahnke	Bloomfield, Iowa
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### Multiple Curricula and Majors

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* Anna Mae Hall	Minnetonka, Minn.
Art and Design and Apparel, Merchandising, and Design	

## BACHELOR OF FINE ARTS

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### Curriculum in Graphic Design

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Brianna Rose Harrison Joynt	Ames, Iowa	Allison Marie Monroe	Grand Mound, Iowa
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### Curriculum in Integrated Studio Arts

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Emma Theresa Geis	Ames, Iowa
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# BACHELOR OF INDUSTRIAL DESIGN

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## Curriculum in Industrial Design

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** Joseph Gregory Ambrose	Brighton, Mich.	** Michael James Olk	Dubuque, Iowa
* Camelia M. Betancourt Rodriguez		Lucas T. Pellegrino	Pleasant Hill, Iowa
	San Juan, Puerto Rico	Daniel James Quinn	Downers Grove, Ill.
Jeffrey Japheth Gutierrez	Perry, Iowa	Xiaotong Zhuo	Colorado Springs, Colo.
Brian Philip Holden	Ankeny, Iowa		

# BACHELOR OF SCIENCE

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## Curriculum in Community and Regional Planning

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Austin William Alexander	Marengo, Iowa	Vania Trixie Ijboi Komegi	Jayapura, Indonesia
Hamed Abduldaem Alqasemi		*** Britney Eleanor Markhardt	Belleville, Wis.
	Abu Dhabi, United Arab Emirates	** Izabel Sophia Wilde	West Des Moines, Iowa
Teona Renee Jerman	Ames, Iowa	Tianhong Xu	Chengdu, China

## Multiple Curricula and Majors

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Hunter James Gearhart	Cedar Rapids, Iowa	Piper Torrey Mauck	Des Moines, Iowa
Community and Regional Planning and Liberal Arts and Sciences: Major in History		Community and Regional Planning and Environmental Studies	



# CANDIDATES FOR DEGREES FROM THE COLLEGE OF ENGINEERING

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## BACHELOR OF SCIENCE

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### Curriculum in Aerospace Engineering

---

*** Samuel George Andrys	Swisher, Iowa	Daniel James Lee	Lockport, Ill.
* Jacob Matthew Babcock	Ankeny, Iowa	* Peter J. Lockwood	Dubuque, Iowa
** Nathan Joseph Briggs	Sioux City, Iowa	Colton Joel Marshall	Granger, Iowa
Connor John Carlson	Palo, Iowa	* Samuel Leroy Mason	Menomonie, Wis.
Samuel Garrett Cavanaugh	Naperville, Ill.	Nathan James Masters	Kiron, Iowa
** Bruce Edward Ciccosto	Ingleside, Ill.	Meaghan Leigh McCleary	Nemaha, Iowa
* Benjamin David Connor	Cary, N.C.	Alexander James McEnery	Fox Lake, Ill.
Paola N. Dacosta-Rosario	O'Fallon, Mo.	Austin Matthew Mendoza	Rock Island, Ill.
** Christopher J. Dardano	Batavia, Ill.	Bryce David Miles	Byron, Ill.
* Nathaniel Robert Doyle	Cedar Falls, Iowa	* Burke Riley Newman	Sibley, Iowa
Benjamin Nathan Faughn	Elk Grove Village, Ill.	** John Francis Nownes IV	Omaha, Neb.
** Austin Gene Freund	McHenry, Ill.	Carlos C. Pierskalla	Prior Lake, Minn.
** Jacob Paul Fried	Lino Lakes, Minn.	Jaya Ugiprashaant Ravindren	Semenyih, Malaysia
Joshua Tyler Gilmore	DeKalb, Ill.	Jacob Myron Raymer	South Elgin, Ill.
Steven Jay Goepel	Mason City, Iowa	Casey Alan Rix	Prior Lake, Minn.
Timothy Kyle Tan Gomendoza	North Liberty, Iowa	Megan Carroll Runyan	Seward, Neb.
** Adam Owen Goodman	Sycamore, Ill.	Muntazir Billah Saifee	Dhaka, Bangladesh
Luke John Gordon	Farmington, Minn.	* Jacob D. Sammons	Iowa City, Iowa
* Natalia Gorlicka	Itasca, Ill.	** Carter James Sawin	La Salle, Ill.
Joseph K. Grasso	West Des Moines, Iowa	Andrew Edward Scherping	Albany, Minn.
Collin M Harris	Citrus Heights, Calif.	Jaimin C. Shah	Nairobi, Kenya
Liam Raymond Heath	Naperville, Ill.	* Lyle F. Sorensen	Waltham, Minn.
* Benjamin Joel Hertz	Cedar Falls, Iowa	Andrew Charles Townsend	Muscatine, Iowa
Robert John Holmgren	Forest Lake, Minn.	Trevor Jerome Trousdale	Mason City, Iowa
** Matthew Daniel Hovda	Cedar Rapids, Iowa	Ankit Vats	Ranchi, India
Coyle Joe Hruska	Lime Springs, Iowa	Nathan Adam Vaughn	Dripping Springs, Tex.
* Blake Daniel Julius	Platteville, Wis.	Charles Robert Vavrlick	Lake in the Hills, Ill.
*** Michael Bradley Keenan	Naperville, Ill.	Wyatt J. Wade	Geneseo, Ill.
Nicholas Ralph Kilzer	Omaha, Neb.	Ross Eliab Wagener	Kasson, Minn.
Ryan G. Kirmeier	St. Paul, Minn.	Alexander M. Wyatt	Houston, Tex.
** James Gilroy Larson	Davenport, Iowa		

### Curriculum in Agricultural Engineering

---

Jacob Robert Bickett	Princeton, Ill.	** Colby Brian Lafrenz	Maysville, Iowa
** Colton Michael Bloomberg	Hudson, Wis.	Dangle Leroy Martin	Freeport, The Bahamas
***†Evan Thomas Boss	Central City, Iowa	Garrett Alan Nichols	State Center, Iowa
Spencer Anthony Collison	Arcadia, Iowa	* Clay A. Selberg	Red Oak, Iowa
Ethan Adolph Ellinghuysen	Lewiston, Minn.	Nathanial Aaron Sieren	Sigourney, Iowa
Tucker Jess Gabriel	Eudora, Kans.	Alexander Mark Steinhagen	Rockton, Ill.
Cody Darwin Kapka	Clarion, Iowa	Joshua Ken Sundblad	Fairmont, Minn.
Joshua James Keck	College Station, Tex.	Justin Eric Wright	Keokuk, Iowa
Jacob Robert Keeley	Ankeny, Iowa	Hunter Dane Zwart	Caledonia, Ill.

### Curriculum in Chemical Engineering

---

Abdullah Mubarak Alsinafi	Kuwait	** Bradley Joseph Boyd	Smithville, Mo.
**† Austin John Angel	Marion, Iowa	Blaine David Bristow	Johnston, Iowa
** Vatsal Ajitkumar Bhatt	Wheatland, Iowa	Sarah C. Busby	Arlington Heights, Ill.

\* Cum Laude  
\*\* Magna Cum Laude

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

James L. Chen	Peoria, Ill.	Yi Lu	Taiyuan, China
Dexter James Clark	Ottumwa, Iowa	Michael Thomas Malinowski	Shorewood, Ill.
Ellery Patricia Clouse	High Point, N.C.	Ethan Arthur Mansfield	Pierson, Iowa
Olivia Kathryn Cox	Center Point, Iowa	Germaine Gautier Mboui Ndoutoume	Ames, Iowa
Mitchell D. Cunningham	Orland Park, Ill.	Kaitlyn R. McGinley-Colman	Ham Lake, Minn.
* Noah Thomas DeRoos	Sioux City, Iowa	** Kelvin John Miskowicz	Collierville, Tenn.
Jonathan Lee Eiden	Rogers, Minn.	Austin S. Reedy	Malcom, Iowa
Bryce Fredric Frey	Dakota Dunes, S. Dak.	Sarah K. Reedy	Cedar Rapids, Iowa
Samuel David Fritsch	Wind Lake, Wis.	* Luke Spencer Rustin	West Des Moines, Iowa
Patrick David Garcia	Jordan, Minn.	**† Matthew David Schaschwarz	Oswego, Ill.
* Jackson Earl Gereau	Sioux City, Iowa	Kevin James Shoucair	Frankfort, Ill.
Wyatt Thomas Glienke	Eagan, Minn.	*** Connor Patrick Smith	Des Moines, Iowa
Isobel Zoe Gray	Stillwater, Minn.	Christian James Sorensen	Cary, Ill.
**† Katherine Grace Gruman	Aurora, Ill.	*† Rae A. Stephenson	Marshfield, Mass.
Austin Cole Jackson	Aledo, Ill.	Payton Levi Van Beek	Sioux Center, Iowa
Sarah Elizabeth Jackson	Peoria, Ill.	LuVern James Wooge III	Ames, Iowa
Nia Imani Johnson	Hillside, Ill.	** Jordan Jeffrey Jie-Fei Wright	Urbandale, Iowa
Abigail Helen Koep	Parkers Prairie, Minn.		

### Curriculum in Civil Engineering

Rabia Afzal	Cedar Falls, Iowa	Jonathan Douglas Kniola	Naperville, Ill.
Ali A. Alsharayri	Amman, Jordan	Darius Orion Lee-Campbell	Spring, Tex.
Ethel C. Banks	Coon Rapids, Minn.	Andrew Robert Lewis	Waukee, Iowa
*** Jared Carl Benson	Prior Lake, Minn.	** Jessica Lynn Loudenburg	Bradford, Ill.
James Vincent Blair	River Grove, Ill.	* Christopher Michael Loyd	West Des Moines, Iowa
Kristopher Lee Bower	Polk City, Iowa	Michael Thomas Matkovic	Carol Stream, Ill.
John Christian Buchholz	Bloomington, Minn.	Dominik Brady McBride	Cedar Falls, Iowa
Aaron Dale Curtis Collins	Des Moines, Iowa	Jake A. McCord	Fox River Grove, Ill.
Selina Alexandria Delp	Perry, Iowa	** Dongyang Meng	Jinzhou, China
** Abby Noelle Dolejs	Lakeville, Minn.	Jordan P. Miller	Stillman Valley, Ill.
Logan Riley Dunn	Mountain City, Tenn.	Ashley Nicole Price	Keystone, Iowa
Mariana Espinal	Plainfield, Ill.	Keegan Daniel Pullis	Salem, Iowa
Eric Stephen Gnat	Clarendon Hills, Ill.	* James Luke Reese	Waukee, Iowa
Dylan Reese Graber	Red Oak, Iowa	Anthony Paul Reynolds	San Diego, Calif.
Samuel Adam Grunklee	Eagan, Minn.	Scott Alan Ritter	Omaha, Neb.
Matthew Gurke	Plainfield, Ill.	Brian Gregory Sanders	Green Bay, Wis.
Martin Halilaj	Woodstock, Ill.	* Thomas Edward Schebler	Davenport, Iowa
Yingxu Han	Jinan, China	Hunter Charles Schulte	Cedar Rapids, Iowa
Reese Hans Hansen	Templeton, Iowa	Erik M. Summerfelt	Marion, Iowa
*** Evan Patrick Haugh	Des Moines, Iowa	John Andrew Taylor	Cedar Rapids, Iowa
Elizabeth Hoeft	Austin, Tex.	Andrew Bj Theeler	Le Mars, Iowa
Boyuan Hu	Wuhan, China	Alec Travis Thompson	Modale, Iowa
* Michael James Hurst	Aurora, Ill.	Bryn Elizabeth Waligorski	Joliet, Ill.
Andrew John Janikowski	Sleepy Hollow, Ill.	William John Watsabaugh	Omaha, Neb.
* Erik Vincent Jensen	Carter Lake, Iowa	*** Jenna Leigh Willenborg	Stewartville, Minn.
Shannon Lea Johnson	Glen Ellyn, Ill.	Kaylee Michelle Wiskus	Anoka, Minn.
Sydney Johnson	Marshalltown, Iowa	Zitong Yao	Lanzhou, China
Trey M. Kahl-Long	Burnside, Iowa	James Edward Zegler	Chicago, Ill.
Abigail Grace Kigin	West Des Moines, Iowa	Jackson Hunter Zey	Ankeny, Iowa
Dominique Simone King	Maryland Heights, Mo.	* Haoyu Zhang	Lanzhou, China

### Curriculum in Computer Engineering

Ahmed Ali Sulaiman Alketbi	Abu Dhabi, United Arab Emirates	Ismael Duran	Des Moines, Iowa
* Ali Abdulmain Almadani	Damascus, Syria	Abdul Rahman Issam El Moughrabi	Ahmadi, Kuwait
* Mitchell Stafford Bratina	Leaf River, Ill.	* Jordan Robert Fox	Gaylordsville, Conn.
Durga Darba	Lakeville, Minn.	Morgan Michael Funk	Cedar Rapids, Iowa
** Zachary Lee Demaris	Robins, Iowa	Jeremy Joseph Galang	Round Lake Heights, Ill.
Lance Aaron Demers	Bondurant, Iowa	Austin C. Garcia	Johnston, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

Anastasia Chloe Golter	Savage, Minn.	Ahmad Mahdi H. Nazar	Rumaithiyah, Kuwait
Sean R. Gordon	Algonquin, Ill.	Ryan Scott Newell	Plainfield, Ill.
Hyeyeun Gug	Seoul, South Korea	Nathan Ross Oran	Elkhorn, Neb.
Xuewen Jiang	Nanjing, China	Richa P. Patel	Bettendorf, Iowa
** Seth C. Jones	Ames, Iowa	Michael Jerald Petersen	St. Charles, Ill.
* Bryan S. Kalkhoff	North Liberty, Iowa	Jacob S. Ramsey-Smith	North Liberty, Iowa
Collin Robert Kauth-Fisher	Omaha, Neb.	Clark A. Reimers	Des Moines, Iowa
* Benjamin Joseph Kenkel	Carroll, Iowa	Shubham Sharma	Dubai, United Arab Emirates
** Emily Lian Kinne	St. Paul, Minn.	Samuel Harris Sklar	Chicago, Ill.
*** Andrew Lawrence Koenen	Normal, Ill.	Samuel Christopher Stanek	Sioux City, Iowa
* Vignesh Krishnan	Bettendorf, Iowa	*** Nicholas Joe Stasi	Oelwein, Iowa
* Tyler J. Krueger	Carson, Iowa	* Isaac David Tegeler	Des Moines, Iowa
* Joseph William Kueny	Alta, Iowa	*** Ross Christian Thedens	Walker, Iowa
Aaron D. Lawrence	Robbinsdale, Minn.	***† Evan George Timmons	Highland Park, Ill.
*** Shuang Li	Changchun, China	Scott Vlastic	San Clemente, Calif.
Feng Lin	Yinchuan, China	John H. Wagner	Cedar Falls, Iowa
William Joseph Maston	Wheaton, Ill.	Henry Robert Williams	Lincolnshire, Ill.
*** Brittany Meg McPeck	Cedar Rapids, Iowa	Isaac Sanga Zahau	Des Moines, Iowa
Jonathan Russell Morris	Des Moines, Iowa	Kailin Zheng	Chongqing, China

### Curriculum in Construction Engineering

Logan Wayne Angstead	Fairfield, Iowa	* Adam Jeral Miller	Colona, Ill.
Leo Stone Brocka	Denver, Iowa	James David Ripper	Ankeny, Iowa
Jeremy Matthew Cable	Ames, Iowa	Andrew Kenneth Roys	West Union, Iowa
Brian David Cusick	Mount Prospect, Ill.	Alexander P. Stadtmueller	Marion, Iowa
Lucas Jones Fischer	Excelsior, Minn.	Joseph R. Vella	Palos Park, Ill.
***† Erik Justin Francois	Des Moines, Iowa	* Jerad Edward Wagner	Waukee, Iowa
Brooklyn Kay Heuer	Muscatine, Iowa	John Thomas Warmka	Burnsville, Minn.
Grant Michael Kuhl	Long Grove, Iowa	Rylee John Whitters	Swisher, Iowa
** Hayden John Lohse	Chaska, Minn.		

### Curriculum in Cyber Security Engineering

Austin Robert Dvorak	Naperville, Ill.	Jacob Samuel Moody	Cedar Rapids, Iowa
Tyler Harold Fuchs	Inver Grove Heights, Minn.	Logan J. Woolery	Decatur, Ill.

### Curriculum in Electrical Engineering

*** Brady Christopher Reuben Anderson	St. Paul, Minn.	** Jianhang Liu	Shanghai, China
** Alek Jerome Benson	Ankeny, Iowa	* Wei Nee Long	Selangor, Malaysia
Parvaraj Kaushal Bhatt	Cedar Rapids, Iowa	Connor S. Luedtke	Norway, Iowa
* Samuel Thomas Burnett	Newton, Iowa	Conner Andrew Makoben	Kingston, Ill.
Nolan Manuel Cardona	Flossmoor, Ill.	Philip M. Markose	Brooklyn Park, Minn.
Austin Michael Chesmore	Pleasant Hill, Iowa	*** Jensen Curtis Mayes	Lathrop, Mo.
Calvin Jon Christensen	Slater, Iowa	Christopher M. McGrory	Ballwin, Mo.
* Zaran Claes	Lincoln, Neb.	Daniel Ricardo Mendez	Chicago, Ill.
Benjamin J. Colson	Overland Park, Kans.	* Pierce Christian Nablo	Eden Prairie, Minn.
Richard Donald Cushing	Mundelein, Ill.	Prathik R. Nair	Overland Park, Kans.
Brandon Dean Degelau	Fort Dodge, Iowa	Ousmane Lioyd Ntutume	Carroll, Iowa
** Joseph M. DeFrancisco	Johnston, Iowa	Griffin Tyler Orr	Princeton, Ill.
Isaiah Reid Exley-Schuman	Mount Vernon, Iowa	Oluwatosin O. Oyekan	Lagos, Nigeria
Matthew Ayooluwa Faronbi	Papillion, Neb.	Christopher T. Pedersen	Malta, Ill.
Daniel T. Gilbert	St. John, Ind.	Craig Robert Philipp	Oswego, Ill.
Joshua Robert Hall	Ankeny, Iowa	*** Isaac Lee Rex	Eagle Rock, Mo.
Benjamin Douglas Holt	Cedar Rapids, Iowa	*** Jared Michael Rickard	Cedar Falls, Iowa
Brandon Scott Johnson	Bartlett, Ill.	Christian David Tanberg	Cedar Rapids, Iowa
Max J. Kiley	Marco Island, Fla.	Matthew T. Thies	Robins, Iowa
John Edward Kivley	Whitefish Bay, Wis.	Paden Hunter Uphold	Sigourney, Iowa
Chad Donald Korby	Brooklyn Park, Minn.	Rohan Leslie Alexander Willis	Brooklyn, N.Y.
Isaac Kimutai Kosgey	Eldoret, Kenya	Ryan Matthew Willman	Mundelein, Ill.
** Emily Renee LaGrant	Delhi, Iowa	Lun Zhang	Baoding, China

\* Cum Laude  
\*\* Magna Cum Laude

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

## Curriculum in Industrial Engineering

Saif Jamal I. Al Marzooqi	Abu Dhabi, United Arab Emirates	Isaac Austin Lewis	Osceola, Iowa
Omar AlQattan	Kuwait City, Kuwait	Cameron James Lynch	Iowa City, Iowa
Edward Ernest Berthold V	Island Lake, Ill.	Danilo Rovina Manfre	Sao Paulo, Brazil
Mason A. Bray	Bloomington, Ill.	Pablo Marin	Woodbury, Minn.
Grace K. Cooper	Cedar Rapids, Iowa	Maeve Margaret McCloskey	Highlands Ranch, Colo.
Allison Marie Curtis	Dubuque, Iowa	Dominic Michael Mirr	Davenport, Iowa
Austin Masahiro Dewberry	Circle Pines, Minn.	Vyshnavi Mohan	India
Omar Ayman Abdelrehim ElMenoufy	Cairo, Egypt	* Katherine Mueller	Fairfield, Iowa
* Cole Thomas Finnegan	Bettendorf, Iowa	Benjamin J. Mugge	Inver Grove Heights, Minn.
Julia Marie Foust	West Des Moines, Iowa	* Mitchell David Nelsen	Audubon, Iowa
Cordell Merlin Gruber	Port Edwards, Wis.	Jonathan R. Pawlowicz	Lisle, Ill.
Ethan Christopher Heilskov	Des Moines, Iowa	Andrew Lee Plein	Kasson, Minn.
* Cora Leaann Hicks	Carroll, Iowa	Alex W. Potratz	Wheaton, Ill.
* John Thomas Jasonowicz	Palatine, Ill.	Jason Thomas Shaffer	Cedar Rapids, Iowa
Zane Wallace Johnson	Polk City, Iowa	Tyler Cade Thompson	Hudson, Wis.
Samantha Marie Jurgeto	Lemont, Ill.	Jack E. Underwood	Omaha, Neb.
Christian Joseph Larounis	Naperville, Ill.	Kayla Ann Whitesel	Council Bluffs, Iowa
Nathan Alan Leon	West Des Moines, Iowa	Jacob Allen Yost	Waverly, Iowa

## Curriculum in Materials Engineering

Ethan Christopher Chaffee	Rochester, Minn.	Je Hyeok Lee	Seoul, South Korea
Celia Storms Denman	Wilmette, Ill.	Noah Thomas Majewski	East Peoria, Ill.
Sean Patrick Ebert	Rogers, Minn.	Max Hershel Mull	Livingston, Tex.
Robert Mack Gabler	New Brighton, Minn.	Harold Severin Sandahl IV	Savage, Minn.
***† Luis R. Granadillo	Cedar Rapids, Iowa	Allison E. Slaughter	Cedar Rapids, Iowa
** Grayson Herr Harrington	Solon, Iowa	Megan Marie Stoneall	Sioux Falls, S. Dak.
Parker Allen Jacobson	Cedar Rapids, Iowa	*** Alexander Scott Warren	Yorkville, Ill.
**† Tyler Joseph Kirscht	Rochester, Minn.	Francis Wong En Yoong	Malaysia
Ronald Michael Koran	St. Paul, Minn.		

## Curriculum in Mechanical Engineering

Alexander Citron Adams	Columbia, Mo.	* Timothy Carl Dahlstrom	Albert City, Iowa
** Anthony Carl Adduci	St. Charles, Ill.	Jacob Thomas Dameron	Round Lake Beach, Ill.
Gary Patrick Lazlo Adkins	Davenport, Iowa	Benjamin Lloyd Davidson	Bloomfield, Iowa
Jack Michael Alberts	Farmington, Minn.	Pedro Debrassi Benvenuti	Brusque, Brazil
Jacob Alan Baier	Pella, Iowa	Michael John Dellorto	Arlington Heights, Ill.
Christian Andrew Barker	Clayton, N.C.	** Matthew Louis Dilfer	Niles, Ill.
Briton Rand Bauerly	Dubuque, Iowa	* Marisa Ann Dizonno	Elk Grove Village, Ill.
Samuel Ray Bellairs	Osage, Iowa	Matthew S. Dlugopolski	Channahon, Ill.
* Shahil Bhakta	Osceola, Iowa	Keegan Micheil Dowling	Fort Madison, Iowa
* Christopher James Boland	Eldridge, Iowa	William Luke Dunteman	Elburn, Ill.
Ariana M. Boock	West Des Moines, Iowa	Omar Maged El-Mestkawy	Vancouver, Canada
Ryan Michael Brooks	Naperville, Ill.	†** Michael Allen England	Cedar Rapids, Iowa
Stephen Gerard Byrne Jr.	Warrenville, Ill.	Samuel C. Espino	Bartlett, Ill.
Ashley Nicole Campbell	Sonora, Calif.	*** William Michael Ewers	Peoria, Ill.
* Arron James Carlson	Loomis, Neb.	Elijah Feuerhelm	Cedar Rapids, Iowa
Joseph Joshua Carmicheal	Marshalltown, Iowa	Kyle Thomas Finck	Rochester, Minn.
Taylor Ann Carter	Knoxville, Iowa	*** Nathan David Flynn	Lino Lakes, Minn.
Jeremy Jonathan Cermin	Dresser, Wis.	Steven Thomas Frisbie	Shoreview, Minn.
Connie Chang	Des Moines, Iowa	Brody Timothy Fritz	Frisco, Tex.
Taylor Reed Christensen	Sergeant Bluff, Iowa	Denise Esmeralda Garcia	Dallas, Tex.
Logan Jeffery Coleman	Danville, Iowa	Jacob Jeffrey Gardner	Hudson, Iowa
Kiersten Paige Confer	Glenwood, Iowa	Amanda Clare Gavin	New Lenox, Ill.
Zachary Paul Corrigan	Bettendorf, Iowa	Peter Kyle Gerstenkorn	Joliet, Ill.
Katherina E. Cromwell	Williamsburg, Iowa	** Spencer P. Goergen	Ankeny, Iowa
**† Ryan Anthony Cwik	Lake in the Hills, Ill.	Ian Emmanuel Gonzalez Alfonzo	Hatillo, Puerto Rico
Mitchell Roger Dahl	Cedar Rapids, Iowa		

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

‡ Degree Conferred Posthumously

	Samuel Robert Grutzius	Midlothian, Ill.	** Bhairav A. Ramanathan	Hyderabad, India
	Michael Patrick Guckeen	Coon Rapids, Minn.	Juilus Carsten Ramcke	Itupeva, Brazil
***	Logan Michael Hall	Forest City, Iowa	Jose Resendiz Jr.	Streamwood, Ill.
**†	Sarah C. Hansen	Overland Park, Kans.	Jacob Mason Rhodes	Des Moines, Iowa
	Tracy Kenneth Harmon	Waterloo, Iowa	Jeremy Rhodes	Chicago Heights, Ill.
***	Ethan Henkel	Kiron, Iowa	Austin James Rico	Marshalltown, Iowa
***	Matthew J. HermsenWhite	Mount Vernon, Iowa	Nicholas James Rieger	Madison, Wis.
	Thor Richard Hester	Yorkville, Ill.	Samuel Thomas Rosensweig	Naperville, Ill.
***	Kathryn Marie Hining	Quincy, Ill.	***† Benjamin Timothy Schimke	Stewartville, Minn.
	Emerson Bennett Hinzy	Batavia, Ill.	** Nicholas J. Schnoebelen	Iowa City, Iowa
**†	Martha M. Hodapp	Byron, Ill.	Grant Thomas Schoon	Urbandale, Iowa
**	Jeremiah M. Horst	Lino Lakes, Minn.	Joshua Bernard Schroeder	Oswego, Ill.
	Tyler Charles Hoselton	St. Michael, Minn.	Matthew R. Schroer	Lakeville, Minn.
**	Miles J. Israel	Ankeny, Iowa	Micah Dean Schutte	Houston, Minn.
	Ruijie Jin	Nanjing, China	Justin William Schwarz	Eldridge, Iowa
***	Collin Lee Johnson	Altoona, Iowa	Tad Allen Schweizer	Urbandale, Iowa
	Joshua A. Johnson	Crystal Lake, Ill.	* Jyot Anmol Singh	Mohali, India
	Hunter Joseph Keeran	Prior Lake, Minn.	Derek Thomas Smith	Omaha, Neb.
	Phillip E. Kelsey	Cedar Rapids, Iowa	* Erin Joyce Snell	Ames, Iowa
**	Tannor R. Kinder	Cedar Falls, Iowa	Kah Yee Soh	Malaysia
**	Mitchell Ryan Kiska	Bolingbrook, Ill.	Christian John Spitelli	Schaumburg, Ill.
	Jacob Henry Koch	Minneapolis, Minn.	Maxwell Henry Squires-Sperling	St. Louis Park, Minn.
	Cade Russell Kosche	Rock Island, Ill.	Eric James Stebbing	Eagan, Minn.
	Michael Matthew Kuntz	Cedar Falls, Iowa	Brandon J. Steffensmeier	Cedar Rapids, Iowa
**	Evan Mathieu Kurschner	Oconomowoc, Wis.	Muhammad Aiman bin Sunarwan	Shah Alam, Malaysia
**	Samuel Alexander Laneman	Vernon Hills, Ill.	** Benjamin B. Sweet	Afton, Minn.
	Tyler Jacob Larsen	Pleasant Hill, Iowa	* Kaelyn Lehua Swetala	Richfield, Minn.
	Daniel Dominic Lenzini	Ankeny, Iowa	Jacob G. Syriac	Northville, Mich.
	Joseph Michael Paget Lins	Savage, Minn.	** Autumn Lauren Talbert	Marshalltown, Iowa
	Dante Rafael Lofthus	Windsor Heights, Iowa	Mitchell Andrew Tessmer	Waterloo, Iowa
	Eric Oliver Loiselle	Clive, Iowa	* Kyle Matthew Trom	Hoffman Estates, Ill.
	Logan Mitchell Lovell	Waukee, Iowa	Daniel Joseph Underwood	Adel, Iowa
	Ryan Michael Lynch	Madison, Wis.	Ethan T. Volk	Rockford, Ill.
	Zachary Grant Manary	Moline, Ill.	Mercedes Walter	Mount Prospect, Ill.
**	Austin Lee Marconi	Crystal Lake, Ill.	Pengfei Wang	Wuhu, China
**	Sarah Josefina Martinez	Jamaica, Iowa	Riley James Wegmann	Robins, Iowa
**	Jonathan Michael McGill	Ankeny, Iowa	Cole James Wildeboer	Dike, Iowa
*	Lucas C. McPherran	Storm Lake, Iowa	Samuel F. Wojciechowski IV	Bolingbrook, Ill.
	Jacob V. Minock	Peotone, Ill.	*** Zachary M. Woosley	Elkhorn, Neb.
*	Stephanie Irene Moore	Le Claire, Iowa	Jean Crepin Woudja	Ames, Iowa
	Ryan Patrick Mortale	Altoona, Iowa	Jiaxin Xia	Ames, Iowa
**	Ryan Taylor Movall	Rochester, Minn.	Sean Alan Yakes	Schaumburg, Ill.
	Samuel Carter Nichols	Eden Prairie, Minn.	Brandon David Zaragoza	Centerville, Minn.
**	Kene Kennedy Nwangwu	Frisco, Tex.	Juntao Zhang	Fuzhou, China
	Riley Edwin Olson	Faribault, Minn.	Ruoyu Zhong	Chengdu China
*	Jacob David Orlowsky	Minnetonka, Minn.	Yimang Zhou	Shenyang, China
	Nicholas David-State Park	St. Charles, Ill.	** Scott Andrew Zmuda	Coal Valley, Ill.
*	Nicholas C. Pauwels	Arlington Heights, Ill.	Allison Zuerlein	Omaha, Neb.
*	Grace Marie Prouse	Sioux Falls, S. Dak.		
	Binh Xuan Quach	Cedar Rapids, Iowa		

## Curriculum in Software Engineering

*	Ali Musfer H. A. Al Ahbabi	Al Ain, United Arab Emirates	Junjie Chen	China
*	Benjamin Charles Alexander	Plymouth, Minn.	Chaz Xavier Clark	Aurora, Ill.
*	Brandon Thang Bui	Des Moines, Iowa	Anthony Paul Cosimo	Ames, Iowa
	Joshua Thomas Bump	Bettendorf, Iowa	*** Grayson Paul Cox	North English, Iowa
	Benjamin Todd Carland	West St. Paul, Minn.	* Jack William Creighton	Lake Elmo, Minn.
	Shubham Chauhan	Lucknow, India	Kyle Wesley Czubak	Chicago, Ill.
	Lorenzo Antonio Chavarria Vargas	Marshalltown, Iowa	* Michael John Davis	Geneva, Ill.
			Nicolas De La Cruz	Marshalltown, Iowa
			Devon Timothy Driscoll	Dyersville, Iowa

\* Cum Laude  
\*\* Magna Cum Laude

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

** Erin E. Elsbernd	Ridgeway, Iowa	Stamatios Morellas	Plymouth, Minn.
** Dallas Ryan Evers	Des Moines, Iowa	** Jason T. Neville	Naperville, Ill.
*** Kyle M. Gansen	Marion, Iowa	Thien Duy Nguyen	Cedar Rapids, Iowa
Daksh Goel	Eden Prairie, Minn.	Brendan L. Niroula	Omaha, Neb.
Brian Matthew Guidarini	Algonquin, Ill.	Spencer Thomas Parry	Princeton, Ill.
* Christian A. Hernandez	Oswego, Ill.	Kevan Rakeshbhai Patel	Iowa City, Iowa
Melissa Hernandez	Midlothian, Tex.	Cole D. Patton	Palatine, Ill.
* Joe Anthony Herrera	Marshalltown, Iowa	Darnesha Shaynell Randle	Florissant, Mo.
Mitchell Oscar Hoppe	Barrington, Ill.	Ryan Andrew Ray	Champaign, Ill.
Zechen Huang	Maanshan, China	Robert Garrison Reinhard	Park Ridge, Ill.
** Omair Ijaz	Ames, Iowa	Sean Michael Sailer	Hiawatha, Iowa
* Gabrielle Renea Johnston	Clermont, Iowa	** Zoe C. Sanders	West Des Moines, Iowa
Samuel C. Jungman	El Cajon, Calif.	William Ayers Treadway Sartin	West Des Moines, Iowa
* Mitchell Brian Knoth	Aurora, Ill.	Jack Michael Seiter	Plymouth, Minn.
* Lillian Elizabeth Krohn	Green Bay, Wis.	* Saba Shaarbaf Toosi	Ames, Iowa
Daniel Alberto Laracuenta Cortes	Caguas, Puerto Rico	Thomas Aaron Smith	Van Horne, Iowa
* Jian Kai Lee	Seremban, Malaysia	Griffin David Stout	Overland Park, Kans.
Jorden Douglas Lee	Clive, Iowa	Connor Lee Sullivan	Algonquin, Ill.
** Kyle James Marek	Le Mars, Iowa	Clayton Lee Surfus	Oskaloosa, Iowa
Ethan L. McGill	Mount Ayr, Iowa	*** Benjamin Aaron Vogel	Pella, Iowa
Zachary Stephen Lee Mohling	Waverly, Iowa	Justin Michael Worley	Ames, Iowa
Cobi Jaden Mom	Des Moines, Iowa	Marco Antonio Yopez-Gomez	Marshalltown, Iowa
* Michael Joseph Momot	Bartlett, Ill.	** Danny Yi Kang Yip	Bayan Lepas, Malaysia
Dakota A. Moore	Council Bluffs, Iowa	Lorenzo David Zenitsky	Des Moines, Iowa

### Multiple Curricula and Majors

Bre E. Dykstra	Cedar Rapids, Iowa	** Nicole Elizabeth Nabity	Ankeny, Iowa
Biological Systems Engineering and Global Resource Systems		Mechanical Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	
* Devon J. Eberl	Iowa City, Iowa	** Angela Elizabeth Schauer	Farmington, Minn.
Aerospace Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (French)		Software Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (German)	
Eric Kyle Gorsuch	Orono, Minn.	George (Leo) Southwick	Minneapolis, Minn.
Materials Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)		Software Engineering and Liberal Arts and Sciences: Major in Mathematics	
Andrew Parker Lloyd	Cedar Rapids, Iowa		
Construction Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)			

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

# CANDIDATES FOR DEGREES FROM THE COLLEGE OF HUMAN SCIENCES

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## BACHELOR OF SCIENCE

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### Curriculum in Apparel, Merchandising, and Design

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** Fadumo M. Ahmed	<i>Des Moines, Iowa</i>	** Grace Lundquist	<i>Ankeny, Iowa</i>
Josie Kay Beier	<i>Pleasantville, Iowa</i>	* Mckenna Noelle Miller	<i>Solon, Iowa</i>
*** Sydney Lynn Beveroth	<i>Morrison, Ill.</i>	** Belange Musenga Mutunda	<i>Ankeny, Iowa</i>
Erin Maureen Block	<i>Spirit Lake, Iowa</i>	** Alexis Rose Myszka	<i>Le Roy, Ill.</i>
Vanessa Leigh Budnick	<i>Elgin, Ill.</i>	** Kaitlyn Rae Paslay	<i>Decatur, Ill.</i>
Alexandria Morgan Cain	<i>Ankeny, Iowa</i>	** Rachel I. Schmitt	<i>Hawkeye, Iowa</i>
Payton Leigh Conard	<i>Geneseo, Ill.</i>	Kaja Luise Schueler	<i>Hinsdale, Ill.</i>
Byshawn Maurice Davis	<i>Chicago, Ill.</i>	** Shayla Ann Smith	<i>Lee's Summit, Mo.</i>
Maria Annette Drew	<i>Indianola, Iowa</i>	Brandon K. Spencer	<i>Chicago, Ill.</i>
*** Hannah Kaye Feilmeier	<i>Early, Iowa</i>	Cassidy Jean Streiff	<i>West Concord, Minn.</i>
* William Christopher Hoff	<i>Pekin, Ill.</i>	Emma Rachel VanRyswyk	<i>Ames, Iowa</i>
** Madeline Rae Jamrok	<i>Cedar Rapids, Iowa</i>	Alexander Stuart White	<i>Glenview, Ill.</i>
* Xinlan Jia	<i>New York, N.Y.</i>	Jennifer Maelene Wood	<i>Indianola, Iowa</i>
Mara Kathryn Kuschel	<i>Frisco, Tex.</i>	Ambrocia D. Worthington	<i>Newton, Iowa</i>
Adam Douglas Logsdon	<i>Johnston, Iowa</i>		

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

---

Natalie Lee Alleman	<i>Ankeny, Iowa</i>	* Rachel Marie Larson	<i>Amboy, Minn.</i>
** Mariah Joy Coburn	<i>Ames, Iowa</i>	* Olivia Marie Lee	<i>West Des Moines, Iowa</i>
Reid Marie Epstein	<i>Windsor Heights, Iowa</i>	Katie Marie Merritt	<i>Johnston, Iowa</i>
Olivia Elizabeth Fry	<i>West Des Moines, Iowa</i>	Shelby Ann Nelson	<i>Villisca, Iowa</i>
* Danielle Marie Garth	<i>Marshalltown, Iowa</i>	*** Brooke Elizabeth Patzner	<i>Bartlett, Ill.</i>
Olivia Taylor Hampe	<i>West Bend, Iowa</i>	Rebecca Rose Phillips	<i>North English, Iowa</i>
Cassandra Jo Hampson	<i>Graettinger, Iowa</i>	* Talia Janice Rosazza	<i>West Des Moines, Iowa</i>
Alyvia Emily King	<i>Rushford, Minn.</i>	** Mila Isabella Trombino	<i>Johnston, Iowa</i>

### Curriculum in Culinary Food Science

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* Khum Yan Chew	<i>Kuala Lumpur, Malaysia</i>	Samuel R. Guillemot	<i>Wisconsin Rapids, Wis.</i>
Steven Scott Grothe Jr.	<i>Woodbine, Iowa</i>	Mason J. Neubauer	<i>Carlisle, Iowa</i>

### Curriculum in Dietetics

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** Marcus James England	<i>Cedar Rapids, Iowa</i>	** Katherine Joanne Owens	<i>Cincinnati, Iowa</i>
*** Emily Nicole Kirik	<i>Bettendorf, Iowa</i>	* Rachel E. Sharpe	<i>Franklin, Tenn.</i>

### Curriculum in Early Childhood Education

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Lily Noel Alger	<i>Ankeny, Iowa</i>	Jacqueline Rose Francois	<i>Winthrop, Iowa</i>
Paige Marie Coppel	<i>Salix, Iowa</i>	Erica Ann Jaeschke	<i>Gowrie, Iowa</i>
Mackenzie Ann Dennhardt	<i>Rippey, Iowa</i>	* Eiley Kwon Misfeldt	<i>Eden Prairie, Minn.</i>
** Sarah Jean Drozdowicz	<i>Elm Grove, Wis.</i>		

## Curriculum in Elementary Education

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Kayla Lynn Anderson	Eldora, Iowa	Madelyn Sue Holmgaard	Mason City, Iowa
* Sophia Marcella Bailey	Blaine, Minn.	*** Brooke Ann Huntington	Perry, Iowa
Julianna Lynn Ball-Maughan	Bloomfield, Iowa	Jade Elizabeth Jones	Walcott, Iowa
** Shannon Rose Behr	Rockwell, Iowa	Melissa Renee Knoot	New Sharon, Iowa
Jacob Ryan Bennett	Newton, Iowa	* Sierra Anne Maguire	Treynor, Iowa
** Brynn Cora Beresford	Bondurant, Iowa	** Paige Elizabeth Meyer	Pella, Iowa
* Vanessa A. Beringer	Asbury, Iowa	*** Mercedes Lee Michael	Chariton, Iowa
Noah Connell Bishop	Leon, Iowa	Lillian L. Mindrup	Waukee, Iowa
** Elizabeth Mary Breitbarth	Ankeny, Iowa	Alexis Savannah Mullins	Chariton, Iowa
Trevor Lea Budhram	Richfield, Minn.	Thuc Minh Nguyen	Des Moines, Iowa
Brittany Lynn Carlson	Bettendorf, Iowa	** Staci Nims	Peterson, Iowa
Caleb Alexander Conner	Des Moines, Iowa	*** Carrie Lee Norton	Des Moines, Iowa
Breanna Cory	State Center, Iowa	Nico Alberto Palomo	St. Paul, Minn.
** Grace Leone Crapson	College Springs, Iowa	Megan J. Pickering	Edina, Minn.
Rebecca Brianna Damman	Ankeny, Iowa	* Joshua Conrad Poterack	Aurora, Ill.
** Courtney Jo Dankert	Bettendorf, Iowa	Gerri Richardson	Wauconda, Ill.
Savana Rae Dorsey	Winterset, Iowa	Levi David Rogeness	Leland, Iowa
*** Kailey Marie Elliott	Webster City, Iowa	Abigale Eileen Ruelle	Prior Lake, Minn.
* Ashley Christine Erne	Lake Park, Iowa	** Amanda Hope Ryner	Winterset, Iowa
* Andrea Mabel Fiorini	Naperville, Ill.	*** Aubrey A. Schmitt	West Burlington, Iowa
Jennifer Elyse Fisher	Carol Stream, Ill.	Bryce Coby Shults	Davenport, Iowa
Taylor Rose Gage	Van Horne, Iowa	Isabelle Margaret Skinner	Whitefish Bay, Wis.
** Makayla Katherine Gettler	Casey, Iowa	** Payton Richelle Skjeie	Forest City, Iowa
Taylor Nicole Hadaway	Huxley, Iowa	*** Kasey Lynn Smith	Ankeny, Iowa
Jeffrey Alan Hagan Jr.	Honolulu, Hawaii	Bailey Nicole Spurgeon	Bloomfield, Iowa
Lindsey Marie Haley	Nevada, Iowa	*** Sophie Marie Stahl	Wellsburg, Iowa
* Bryn Mychal Hanrahan	Iowa City, Iowa	Noah Edwin Stephas	Ames, Iowa
* Gretchen Amelia Hartlieb	Madison, Wis.	* Madison Lynn Swanson	Manson, Iowa
Nermina Hedzic	Ankeny, Iowa	***† Madalyn Rae Timmerman	Bennett, Iowa
Kimberly Ruth Hensley	Ankeny, Iowa	Ashley Nicole Watkins	Aurora, Ill.
Jaccob Michael Holm	Nevada, Iowa	Molly Marie Wiedmier	Polk City, Iowa

## Curriculum in Event Management

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Mohamed S. Alharsoosi	Abu Dhabi, United Arab Emirates	Abbigale Alexis Ehrhardt	Pella, Iowa
* Abdulla M. Alkaabi	Abu Dhabi, United Arab Emirates	* Danielle Kay Gapen	Burlington, Iowa
* Saif M. Alkaabi	Abu Dhabi, United Arab Emirates	Alexandra Jo Gentz	Osage, Iowa
* Allison Danielle Anderson	Inver Grove Heights, Minn.	Emily Ann Hovey	Council Bluffs, Iowa
Lauren Mae Bellis	Johnston, Iowa	*** Erica Marie Nossaman	Pella, Iowa
** Shelby Sage Boley	Indianola, Iowa	** Alexis Rose Pastwa	Grimes, Iowa
**† Wonhyeoung Choe	Daejeon, South Korea	* Carlie Marie Siders	Sioux City, Iowa
		Janae Michelle Stegman	Eldridge, Iowa
		Linda Tong	West Des Moines, Iowa
		* Denelle Nicole Warneke	Conrad, Iowa

## Curriculum in Family and Consumer Sciences Education and Studies

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* Emily Maegan Carr	Glenwood, Iowa	Ida Irene Nady	Nevada, Iowa
** Delaney Grace Christian	Altoona, Iowa	Hannah Ruth Nelson	Minburn, Iowa
Emily Arlene Meyer	Ireton, Iowa		

## Curriculum in Food Science

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Javier Elias Jr. Houston, Tex.

## Curriculum in Hospitality Management

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Nicholas Connor Christian	Redmond, Wash.	** Nicole Loera	Chicago, Ill.
*** Hannah Rose Geist	Ames, Iowa	Mikel Le Nguyen	Ames, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program



## Curriculum in Kinesiology and Health

Taylor Andrew Ainslie	Edina, Minn.	** Lauren Nicole Kuper	Urbandale, Iowa
Elizabeth Alas	Pleasant Hill, Iowa	Stanley Langat	Molo, Kenya
Jasmin Y. Aleman	Denison, Iowa	Cory Donald Lear	Council Bluffs, Iowa
Corey Alexander Ball	Lake Villa, Ill.	* Benjamin David Mallinger	Osage, Iowa
Hunter Jakob Baumann	Nebraska City, Neb.	Ashley D. Miller	Johnston, Iowa
Grace Ellen Berta	Lemont, Ill.	Pablo Augusto Morales	Rockford, Ill.
* Mari Lynn Biers	Mendota, Ill.	*** Camryn Kay Mork	Storm Lake, Iowa
Nathan Lynn Boddicker	Eldridge, Iowa	*** Adam J. Mueller	Sherrill, Iowa
* Claire Elizabeth Bridges	West Branch, Iowa	Hang Nguyen	Marion, Iowa
* Trevor Lee Campbell	Sioux City, Iowa	Joseph Holt Nuckolls	Early, Iowa
Nathan Jeffery Carlson	Storm Lake, Iowa	Mallory Renee Pierce	Adel, Iowa
Austin Paul Castillo	San Jacinto, Calif.	Sydney Ann Renning	Carroll, Iowa
Braden Michael Cherkas	Sioux City, Iowa	Daniel Rogowski	Arlington Heights, Ill.
** Kate E. Christiansen	Newell, Iowa	Nicholas David Ruffolo	Franklin, Wis.
Michelle Marie Kellermann Dolder	Clare, Iowa	Logan Sampers	Sioux City, Iowa
Liam David Dougherty	Ames, Iowa	* Keely Elizabeth Sandquist	Indianola, Iowa
Corey David Dunn	Numurkah, Australia	Zachary John Schuett	Le Mars, Iowa
Greg Anthony Eisworth II	Grand Prairie, Tex.	Josie Marie Schultz	Schleswig, Iowa
Delaney Shannon Finn	White Bear Lake, Minn.	Erika Elizabeth Sedgwick	Platteville, Wis.
*** Devon Michael Fisher	Ellsworth, Iowa	Maria Raquel Serrano Espinoza	Ecuador
*** Ahmed Gamal Abdalla Zied	Giza, Egypt	Alena Paige Shoemaker	Bettendorf, Iowa
Darek Paul Garman	Corwith, Iowa	* Mikalyn J. Sonterre	Ham Lake, Minn.
Urja Kamlesh Godhani	Surat, India	Quinton K. Stinson	Garland, Tex.
Michael Kenneth Greifzu	West Des Moines, Iowa	Marisa M. Swank	Spencer, Iowa
*** Abigail Ruth Hartzler	Ankeny, Iowa	Kyle Scott VanMeter	Marion, Iowa
Jackson Cordell Houston	Johnston, Iowa	Alejandra L. Villanueva	Des Moines, Iowa
Olivia Claire Hrubetz	Des Moines, Iowa	Samuel James Vincent	Hamilton, New Zealand
Kaitlin Barbara Jeske	Carol Stream, Ill.	** Samantha Taylor Weller	Chaska, Minn.
*** Hannah Morgan Johnson	Davenport, Iowa	**† Mikayla Paige Weron	Geneva, Ill.
* Natalia Kirby	Davenport, Iowa	Kayli Rae Whitcanack	Bettendorf, Iowa

## Curriculum in Nutritional Science

Vanessa Carrillo	Mundelein, Ill.	* Leah Elizabeth George	Dubuque, Iowa
Anna Rose Colagrossi	Barrington, Ill.	Nathan James Hoth	Davenport, Iowa

## Multiple Curricula and Majors

Elena Marie Fulton	Denver, Colo.	* Malena Kirsten Lee	Ankeny, Iowa
Apparel, Merchandising, and Design and Event Management		Apparel, Merchandising, and Design and Environmental Studies	
* Mackenzie Marie Klima	Prior Lake, Minn.	Jacob A. Seely	Norwalk, Iowa
Elementary Education and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)		Kinesiology and Health and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	

## BACHELOR OF SCIENCE IN NURSING

### Curriculum in Nursing

Rachel Marie Forschler	Colfax, Iowa	Caitlin Dominique Schmitt	Ankeny, Iowa
Hope Elizabeth Halbrook	Ankeny, Iowa	Shaina Monique Schurke	Denison, Iowa
Haylee Grace Rasmussen	Ankeny, Iowa		

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

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## Major in Liberal Arts and Sciences (Leadership Studies)

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Elizabeth Lynn Li                      Cedar Rapids, Iowa

## BACHELOR OF ARTS

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### Major in Advertising

---

* Sarah Marie Barca	Rochester, Minn.	Sarah Anne Lorenz	Marion, Iowa
*** Jaden Edward Birkner	Bloomfield, Iowa	* Seth Jacob Medinger	McHenry, Ill.
* Madison Kailey Clatt	Indianola, Iowa	Jackson Eric Mischio	Minnetonka, Minn.
John Peter Crouse	Itasca, Ill.	*** Sydney Michelle Olson	Grimes, Iowa
Theresa Marie Doheny	West Des Moines, Iowa	* Rebecca Ann Rimathe	Madrid, Iowa
Emilee Catherine Drost	Wall Lake, Iowa	Austin Michael Romanos	Lakewood, Calif.
Isabelle Hope Fiester	Cedar Rapids, Iowa	Noah Agnew Saluri	Des Moines, Iowa
** Tyrel Scott Finck	Beresford, S. Dak.	Jordan Andrew Schaffer	Weston, Conn.
* Brooke Lee Fleming	Maple Grove, Minn.	Danielle Zahava Tesch	Long Grove, Ill.
Gabrielle Susan Howard	Ankeny, Iowa	Samantha Vaith	Stillwater, Minn.
Thomas Neal Hugo	Neenah, Wis.	Kylee Marie Van Veen	Carroll, Iowa
* Mariah Noel Johannsen	Altoona, Iowa	Mackenzie Nikole White	Treynor, Iowa
** Vanessa Natasha Ellen Lewis	Cary, Ill.		

### Major in Anthropology

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Zachery Lee Kirkpatrick	Oakland, Iowa	Taylor Nicole Paul	Ankeny, Iowa
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### Major in Biological/Pre-Medical Illustration

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Mica Marie Post	Pleasant Hill, Iowa
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### Major in Chemistry

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Brent James Houser	Cedar Rapids, Iowa	Taeyoung Kim	Cheonan, South Korea
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### Major in Communication Studies

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Mason Richard Anderson	Geneva, Ill.	Anna LaRee Morgan	Wyoming, Minn.
Luke M. Berry	Urbandale, Iowa	** Emma Anne Nordell	Urbandale, Iowa
Spencer Bird	Emmetsburg, Iowa	Joseph A. Rivera	Grinnell, Iowa
Michael Robert Condoleon	Algona, Iowa	Mackenzie Lu Scherff	Bartlett, Ill.
Taylor Ann Hendricks	Centerville, Iowa	Emerson Rachel Sears	Elkhart, Iowa
Gabrielle Rose Huber	Rockford, Ill.	Maria Raquel Serrano Espinoza	Ecuador
Cameron Riley Jones	Des Moines, Iowa	Anna Elizabeth Smith	Waterloo, Iowa
Lauren A. Kline	West Des Moines, Iowa	Miranda Lea Strong	Malcom, Iowa
John Matthew Meyer	Ankeny, Iowa		

### Major in Criminal Justice

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Saeed H. Alefari	Al Ain, United Arab Emirates	Kaleigh Brooke Shirley	Lee's Summit, Mo.
Justin T. Reams	Rockford, Iowa		

## Major in Criminal Justice Studies

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* Musallam Mohammed Alameri	Al Ain, United Arab Emirates	Armin Kajtezovic	Rottenmann, Austria
Austin Daniel Biggs	Webster City, Iowa	Mirella Lopez	Des Moines, Iowa
Cassandra JoAnn Bjerke	Decorah, Iowa	Brenden Gregory McDowell	Creston, Iowa
** Carter John Brown	Ankeny, Iowa	Alexis Ann Meis	Windsor Heights, Iowa
Paris Elizabeth Marie Cooley	Sacramento, Calif.	Nicole Meskimen	Norway, Iowa
Lindsay Anna Elsbernd	Decorah, Iowa	** Molly Ann Minkler	Urbandale, Iowa
Kaitlyn Rose Fangmann	North Liberty, Iowa	Mitch Donald Moen	Council Bluffs, Iowa
* Taylor R. Greubel	Indianola, Iowa	Carson Andrew Schenck	Bondurant, Iowa
Raquel Jean Holt	Ellsworth, Iowa	Christopher Strout	Plymouth, Minn.
Ian T. Hunter	Cresco, Iowa	Lawrence Anthony White	Bakersfield, Calif.
		Andrew Robert Wright	Ankeny, Iowa

## Major in English

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Macie Nicole Bock	Arcadia, Iowa	* Alexa Marie McClellan	Cedar Rapids, Iowa
* Alexis Debra Dietz-Noel	Ankeny, Iowa	Ashley Marie Rolf	Ankeny, Iowa
Sarah Marie Fogle	Ames, Iowa	** Logan Michael Roling	Eldora, Iowa
** Kaitlyn Margaret Heims	West Des Moines, Iowa	Anna Grace Senneff	Ankeny, Iowa
Hannah Kay Jensen	Huxley, Iowa	** Jami Sue Sickels	Creston, Iowa

## Major in Linguistics

---

Gabriela Cristina Berrios Nieves	Aguas Buenas, Puerto Rico	Jace Tyler McKinney	Petersburg, Ill.
* Matthew Jerome Bis	Ankeny, Iowa	** Hannah Marie Reischauer	Ames, Iowa
Chanel Marie Hatton	Auckland, New Zealand	Kian Matthew Torkzadeh	Waukee, Iowa

## Major in Music

---

Cassandra J. Sardeson                      Ankeny, Iowa

## Major in Performing Arts

---

Samuel A. Elliott-Rude                      Nevada, Iowa                      \* Bridget Rose Cartwright Pedersen      Des Moines, Iowa

## Major in Political Science

---

**† Sarah Catherine Bartlett	Bettendorf, Iowa	Jake Christopher Gilson	Hamburg, Iowa
Briasia Mahogany Bell	Chicago, Ill.	*** Brandon Terryl Peck	Webster City, Iowa
**† Rylee Joy Bowman	Lake Mills, Iowa	* Hunter C. Schmidt	New Virginia, Iowa
Keaton James Fish	Moville, Iowa	Trevin Jay Ward II	Ames, Iowa
Elijah James Gillispie	Mount Pleasant, Iowa		

## Major in Psychology

---

Kaytlin Marie Ahn	Newton, Iowa	Derrick James Leider	Hebron, Ill.
*** Ava Renata Bal	Ames, Iowa	Kelsey Anne Odeen	St. Paul, Minn.
Zachary Thomas Black	Sallisaw, Okla.	Skylar Nikolas Richter	Sioux City, Iowa
Lisette Isabel Criger	Des Moines, Iowa	** Saraya Beth Thomsen	Vail, Iowa
* Joshua F. Elias	Bolingbrook, Ill.	Austin Taylor White	Carlisle, Iowa
Hannah Kristine Emmert	Pella, Iowa	Drew Stephen Wilson	Ames, Iowa
* Elijah Wade Johnson	Huxley, Iowa		

## Major in Sociology

---

*** Ashley Maree Harvey	Norwalk, Iowa	Caroline Ksenia Roberts	Wilmette, Ill.
Tykie Jade Poggemann	Des Moines, Iowa	* Samantha Lynn Werning	Blairstown, Iowa

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

## Major in World Languages and Cultures (French)

---

\*\* Emma Taylor Califf                      Ankeny, Iowa                      Annie Marie Pfofenhauer                      Pella, Iowa

## Major in World Languages and Cultures (German)

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\*\* Mark Thomas Bowler                      Ottumwa, Iowa

## Major in World Languages and Cultures (Spanish)

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Katherine Louise Becker                      Gilbert, Iowa                      Samantha Radakovich Fuller                      Pella, Iowa  
\* Analise Margery Bose                      Cedar Falls, Iowa                      Christine Marie Schmitz                      Ames, Iowa

## Multiple Curricula and Majors

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\*\*\* Kacey Sue Berry                      Ankeny, Iowa                      Emma E. Liewer                      Sioux City, Iowa  
World Languages and Cultures (Spanish) and  
International Studies                      Political Science and Environmental Studies

Yilin Cai                      Guangzhou, China                      \*\* Mandy Mae Meseck                      Ute, Iowa  
Psychology and Apparel, Merchandising, and Design                      Criminal Justice Studies and Sociology

Erin Olivia Cannon                      Des Moines, Iowa                      Melia Kristen Murray                      Carver, Minn.  
English and Women's and Gender Studies                      Political Science and History

\*\* Madison Jo Elbert                      Rock Rapids, Iowa                      Julie Uwineza Ntegeye                      Golden Valley, Minn.  
Communication Studies and Criminal Justice Studies                      Political Science and International Studies

Julian Sefa Emunah                      Des Moines, Iowa                      Ryan Nicole Peterson                      Ankeny, Iowa  
Criminal Justice Studies and Sociology                      Psychology and Sociology

\*\*\* Lauren Jennifer Gutermuth                      Orono, Minn.                      \*\*† Tate Joseph Rasmussen                      Earlham, Iowa  
Advertising and Psychology                      Political Science and Economics

\* Kyle James Hamerlinck                      Huxley, Iowa                      \* Ellie Marie Seaton                      Mason City, Iowa  
English and Technical Communication                      Performing Arts and Public Relations

Alyssa Marie Harvey                      Ames, Iowa                      Adolphe Nimenya Simon                      Des Moines, Iowa  
Linguistics and World Languages and Cultures                      Political Science and History  
(Spanish)

Kayla Tetmeyer Heille                      Tampa, Fla.                      \*\* Melanie Corinn Sullivan                      Marion, Iowa  
Political Science and History                      Music and Business: Major in Marketing and  
Business: Major in Management Information  
Systems

\* Emma Ann Kinney                      Des Moines, Iowa                      \*\*\*† Amber Nicole Thompson                      Streamwood, Ill.  
English and Journalism and Mass Communication                      Psychology and Criminal Justice Studies

## BACHELOR OF LIBERAL STUDIES

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### Major in Liberal Studies

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\* Josh Johnson                      Ames, Iowa                      Emma E. Martin                      West Des Moines, Iowa  
Townsend Belle Ayers                      Waukee, Iowa                      Claire Christine Norberg                      Davenport, Iowa  
Tanner Jacob Bohlke                      Grand Rapids, Mich.                      Hugo Ozmel Perez Loa                      Storm Lake, Iowa  
\*\*\* Stephanie Anne Canedy                      Altoona, Iowa                      Brittany Noelle Richards                      Madrid, Iowa  
Jenny Kristine Dorenkamp                      Sioux City, Iowa                      Esmir Sefic                      Urbandale, Iowa  
Jose Armando Garnica                      Davenport, Iowa                      Dillon J. Snyder                      Ankeny, Iowa  
Anna Elizabeth Haas                      Brookfield, Wis.                      Robert Matthew Thomas                      Ames, Iowa  
Kyle Thomas Houck                      Riverside, Calif.                      \*\* Gabrielle Glenn Tielke                      Hampton, Iowa  
Abby Nicole Johnson                      Marion, Iowa                      Thomas Urbanski                      Hoffman Estates, Ill.  
Shawn Michael Kahler                      Cambridge, Iowa                      Nicolas Vitiritto Robinson                      Des Moines, Iowa  
Cory Alexander Lamb                      Crystal Lake, Ill.                      Ashlyn Jo Weber                      Riverside, Iowa  
Laura Ann LeClere                      Prairieburg, Iowa                      \*\* Laura L. Wilson                      Mount Pleasant, Iowa  
Valerie Alivia Libby                      Brownsville, Tex.

\* Cum Laude

\*\*\* Summa Cum Laude

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Fall 2020 Undergraduate degree candidates

\*\* Magna Cum Laude

† Honors Program

# BACHELOR OF MUSIC

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## Major in Music

---

** Leif Jahren Albertson	<i>Cedar Rapids, Iowa</i>	Shota Collin Hattori	<i>Ames, Iowa</i>
Collin John Bell	<i>Davenport, Iowa</i>	*** Samantha Lynn Schmitz	<i>Harlan, Iowa</i>
** Joshua William Grant	<i>Pleasant Hill, Iowa</i>		

# BACHELOR OF SCIENCE

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## Major in Anthropology

---

Mikayla Shae Brach	<i>Littleton, Colo.</i>	Noah Alan Russell	<i>Underwood, Iowa</i>
Alyssa Hilario	<i>Des Moines, Iowa</i>	Hannah Lauren Stigner	<i>South Bend, Ind.</i>

## Major in Biochemistry

---

Ai Xin Cheoh	<i>Kuala Lumpur, Malaysia</i>	James Edward Karns	<i>West Des Moines, Iowa</i>
** Ai Yee Cheoh	<i>Kuala Lumpur, Malaysia</i>		

## Major in Bioinformatics and Computational Biology

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Kayla Marie Rasch	<i>Kenosha, Wis.</i>	Dollye Catherine Starr	<i>Mesa, Ariz.</i>
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## Major in Biology

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**† Rachael Nicole Brady	<i>Adel, Iowa</i>	Stephanie Marrero Bracero	<i>Vega Alta, Puerto Rico</i>
** Emma Taylor Califf	<i>Ankeny, Iowa</i>	Claire Cecilia Myers	<i>Cedar Rapids, Iowa</i>
Mohammad A. Chaudhry	<i>Urbandale, Iowa</i>	*** Elizabeth Ann Relph	<i>Cedar Falls, Iowa</i>
Emily Ann Dirks	<i>Sioux City, Iowa</i>	Tiffany Rachel Ryan	<i>Solon, Iowa</i>
** Hannah Jean Duckson	<i>Prior Lake, Minn.</i>	Shayla S. Trump	<i>Woodward, Iowa</i>
Samantha Radakovich Fuller	<i>Pella, Iowa</i>	*** Pham Thuy Tien Vo	<i>Ho Chi Minh City, Vietnam</i>
** Meghan Hanson	<i>DeKalb, Ill.</i>	Connor Christian Wachter	<i>Clive, Iowa</i>
Lindsay Nicole Hemphill	<i>Urbandale, Iowa</i>	** Kirsten Marta Wageman	<i>Lee's Summit, Mo.</i>
Matthew Akhilesh Magee	<i>Clarion, Iowa</i>	William Spencer Winnett	<i>Harlan, Iowa</i>

## Major in Chemistry

---

Jacob Robert Berg	<i>Ankeny, Iowa</i>	Yarianne Valente Comas	<i>Mayaguez, Puerto Rico</i>
*** Kayla M. Kryzer	<i>Maple Grove, Minn.</i>	Kelai Zhao	<i>Hangzhou, China</i>
Jaime C. Mayer	<i>Elk Run Heights, Iowa</i>		

## Major in Computer Science

---

Fadel Alshammasi	<i>Qatif, Saudi Arabia</i>	Jack Henry Guzzetta	<i>Oak Park, Ill.</i>
Faisal Mohammed Alshayie	<i>Ras Tanura, Saudi Arabia</i>	Samuel John Henkes	<i>Maplewood, Minn.</i>
Jonah Armstrong	<i>Monmouth, Ill.</i>	Zihao Huang	<i>Beijing, China</i>
Logan James Barrett	<i>Ankeny, Iowa</i>	Joseph Ian Hudson	<i>Ankeny, Iowa</i>
** Kyle Everett Bowden	<i>Franktown, Colo.</i>	Hausten Irving	<i>Wichita, Kans.</i>
***† Katherine McNeil Braught	<i>Bettendorf, Iowa</i>	Xingting Lai	<i>Shenzhen, China</i>
Nathaniel Allen Camm	<i>Rockford, Ill.</i>	Eulises Landa	<i>Dyersville, Iowa</i>
Hanze Chen	<i>Changchun, China</i>	Truman L. Meyer	<i>Ames, Iowa</i>
Randy Edward Cunningham	<i>New Lenox, Ill.</i>	Alen Mulalic	<i>Windsor Heights, Iowa</i>
William Zachary Doughty	<i>Des Moines, Iowa</i>	Sheng Jie Ooi	<i>Penang, Malaysia</i>
Julian Bernal Garcia	<i>Houston, Tex.</i>	Suraj Pariyar	<i>Ames, Iowa</i>
Zachary James Gorman	<i>St. Charles, Ill.</i>	Yuhao Peng	<i>Hangzhou, China</i>
Hailey Katherine Griffith	<i>Webster City, Iowa</i>	Kayler Michael Renslow	<i>Jefferson, Iowa</i>
Nicolas Fox Guerrero	<i>Lisle, Ill.</i>	Dillon Thomas Rupp	<i>Ankeny, Iowa</i>
		Smitha Ravishankar Subbarao	<i>Buffalo Grove, Ill.</i>

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

** Mua Ngi Tan	George Town, Malaysia	Ryan Joseph Wendell	Lake Zurich, Ill.
Jiabo Tang	Guangzhou, China	Yizhen Xu	Suzhou, China
Wyatt Michael Teeter	Beacon, Iowa	Qilin Yang	Changchun, China
Dakota Kristan Valen	Des Moines, Iowa	Xia Zou	Taian, China
** Xin Wang	Beijing, China		

### Major in Earth Science

Kaleigh Brooke Shirley      Lee's Summit, Mo.

### Major in Economics

Tabitha Marie Johnson      Merrill, Iowa      Collin Drew Stone      Sioux City, Iowa  
 Shahrukh Khan      Peshawar, Pakistan

### Major in Environmental Science

Praveen N. Elangovan      Trichy, India      \* Rongtian Pan      Shanghai, China  
 \* Taylor Reese Jorgensen      Northwood, Iowa

### Major in Genetics

Cole David Conn      Waukee, Iowa      Trenton Drake Leemon      Cedar Falls, Iowa

### Major in Geology

Christopher Allen Beck      Germantown, Wis.      Kyle Matthew Murugesu      Bayan Lepas, Malaysia  
 Anna Dwyn Garwood      Dysart, Iowa

### Major in History

Seth Ashley	Waukee, Iowa	* Nickolas James Cunningham	Des Moines, Iowa
Griffin Gray Bailey	Barrington, Ill.	Joshua Lewis	North Aurora, Ill.
** Henry Donald Besch	Manson, Iowa	Ruby Morales	Council Bluffs, Iowa
Tyson Douglas Campbell	Dunlap, Ill.	* Ryan Anthony Suby	Ankeny, Iowa
** Maryssa J. Check	Jewell, Iowa	Allison Rochelle Weatherman	Nevada, Iowa
Eric F. Cisneros	Perry, Iowa		

### Major in Journalism and Mass Communication

Trevor Charles Babcock	Panora, Iowa	Stephen Louis McDaniel	Ankeny, Iowa
* Michael Andrew Brown	Arlington Heights, Ill.	Tanner James Owens	Winterset, Iowa
Jared Michael Coady	Ankeny, Iowa	Josey Ray Stanton	Clarinda, Iowa
** Ethan Joseph Dunn	Grimes, Iowa	Dylan Xavier Tejral	Mesa, Ariz.
Connor David Ferguson	West Des Moines, Iowa		

### Major in Mathematics

Ashley Elizabeth Arends	Ankeny, Iowa	Madison Nicole Krenzel	Northfield, Minn.
Huanjie Chen	Wuhan, China	Luke E. Olsson	Downers Grove, Ill.
*** Evan Patrick Haugh	Des Moines, Iowa	* Brandon Austin Tague	Sioux City, Iowa
Abigail Katie Johnson	Urbandale, Iowa	Timothy R. Tomei	Gurnee, Ill.

### Major in Meteorology

Kevin James Greene      Arlington Heights, Ill.

### Major in Physics

Jiwon Kwon	Seoul, South Korea	Calvin W. Renaud	Ankeny, Iowa
Alexis Victoria Marrari	Davenport, Iowa	Nicholas Stephen Rogers	O'Fallon, Mo.
Ian Chase Nieland	Ames, Iowa		

\* Cum Laude  
 \*\* Magna Cum Laude

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

## Major in Psychology

Mikayla Celia Alvarez	Kansas City, Mo.	*** Kaitlyn Sue Lenhart	Storm Lake, Iowa
Lal Duh Awm	Des Moines, Iowa	*** Tessa Rose Logan	Des Moines, Iowa
* Grace Angelique Dwyer	Pingree Grove, Ill.	*** Rayne Juliana Lopez	Grandview, Iowa
Abigail Phoebe Geoghegan	Gurnee, Ill.	Thaniesyh Manimaran	Bukit Mertajam, Malaysia
Melodie Marie Gesaro	Iowa City, Iowa	Hannah Myers	Radcliffe, Iowa
**† Zoie Darion Green	Clive, Iowa	Sharon E. Pender	Elkins Park, Pa.
* Casey Finnegan Holmes	Hudson, Wis.	* Paige Elizabeth Penning	Garner, Iowa
* Taylor Jean Hoven	Polk City, Iowa	Jacob Tyler Rietz	Johnston, Iowa
** Yoobin Hwang	Seoul, South Korea	Koyuki Sakamoto	Osaka, Japan
Sabine M. Jean-Philippe	Kansas City, Mo.	*** Megan B. Stubbs	Pleasant Hill, Iowa
** Morgan Rae Klein	Dunlap, Iowa	Bo Xuan Teoh	Malaysia
*** Ryszard Jacek Koziel	Ames, Iowa	** Kirsten Marta Wageman	Lee's Summit, Mo.

## Major in Public Relations

* Sydney Madeline Brase	Marion, Iowa	* Christin Townsley Koch	Panora, Iowa
** Julianna Kathleen Cassutt	Manchester, Iowa	* Courtney Rose Lampman	Webster City, Iowa
* Emily Jane Coghill	Saskatoon, Canada	* Mariesa Abelle Maceda	Granger, Iowa
* Hannah Lauren Gallo	Mount Prospect, Ill.	Jarrett Ford Malec	Libertyville, Ill.
** Jenna Joelle Giamba	West Liberty, Iowa	* Kirstie Ann Martin	Independence, Iowa
Madelon Claire Giovenco	St. Charles, Ill.	Ashley Marie Rolf	Ankeny, Iowa
*** Erin Morgan Hanson	Creston, Iowa	** Carlyn Victoria Ward	Eagan, Minn.

## Major in Statistics

** Matthew David Bleeker	Pekin, Ill.	Haley Alexa Humphries	Bettendorf, Iowa
** Taylor R. Buske	Sartell, Minn.	Kenneth Naguit Mendoza	Wheaton, Ill.
Austin Michael Callahan	White Bear Lake, Minn.	Alanne Alves-Godinho Park	Brasilia, Brazil
Austin Michael Collins	Middleton, Wis.	Regine A. Peters	Windhoek, Namibia
Matthew Ryan Dickey	Marshalltown, Iowa	Matthew J. Saaranen	Bloomington, Minn.
Jacob Thomas Fee	Granger, Iowa	*** Jaeyeon Won	Daejeon, South Korea
Wanying Fu	Chengdu, China	Chenxu Yin	Norman, Okla.
** Shuolin Hu	Harbin, China		

## Multiple Curricula and Majors

**† Sarah Catherine Bartlett	Bettendorf, Iowa	Trevor John Holbrook	Corning, Iowa
Anthropology and Interdisciplinary Studies (Classical Studies)		Journalism and Mass Communication and Business: Major in Finance	
*** Reagan Jo Brackey	Clear Lake, Iowa	Chang Liu	Beijing, China
Psychology and Business: Major in Marketing		Environmental Science and Geology	
Isaac Dean Carson	Minnetonka, Minn.	*** Audrey Kay Nelson	Gilbert, Iowa
Journalism and Mass Communication and Criminal Justice Studies		Public Relations and Business: Major in Accounting	
*** Anna Rose Dinsmore	Conrad, Iowa	Jessie Ann Price	Monroe, Iowa
Psychology and Criminal Justice Studies		Sociology and Environmental Studies	
Madeleine Noelle Douglas	Geneva, Ill.	* Erik James Shouse	Omaha, Neb.
History and Psychology		Computer Science and Philosophy	
* Alex Goranson	Mason City, Iowa	Justin Thomas Stanley	Cedar Falls, Iowa
Economics and Philosophy		Computer Science and Mathematics	
Elizabeth Grace Greer	Logan, Iowa	*** Melissa JoAnn Prohl Stein	Hales Corners, Wis.
History and Political Science		Psychology and Criminal Justice Studies	
Thomas Alan Hagenow	Crystal Lake, Ill.	Andrea Jayne Thompson	Sherman, Ill.
Computer Science and Mathematics		Public Relations and Apparel, Merchandising, and Design	
		Natalie Rae Young	Carlisle, Iowa
		Psychology and Integrated Studio Arts	

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

## CANDIDATES FOR COMMISSION

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

### **United States Army**

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Hunter Bauman  
Ryan Nguyen  
Brandon Peck  
Shelby Robinson  
Andrew Roys

### **United States Navy**

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Griffin Bailey  
Abraham Fisher  
Foster Laake

### **United States Air Force**

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Collin Harris

## SENIOR CLASS COUNCIL

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The mission of the Senior Class Council (SCC), a committee of the Student Alumni Leadership Council (SALC), is to benefit and unite seniors through events and services while promoting an understanding of the Iowa State University Alumni Association. The 2020-2021 Senior Class Council is comprised of 14 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; 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](http://www.isusalc.org).

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

### **2020-2021 Senior Class Council Leadership**

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#### **President:**

Cody Mead

#### **Vice-President:**

Jake Stouffer

#### **Council Members:**

Laramie Boysen

Jack Carter

Erin Chalupa

Claudia Cowie

Macy Evans

Emily Heupel

Zackery Leist

Madelyn Main

Natalie McMillan

Sam Peters

Alexis Turner

Brad Welch



# IOWA STATE UNIVERSITY ALUMNI ASSOCIATION

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## **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](http://www.isualum.org/newgrad)).





# Summer 2020

Official List of Degree Recipients

Conferred August 8, 2020



# DEGREE RECIPIENTS FROM THE GRADUATE COLLEGE

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## DOCTOR OF PHILOSOPHY

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### Major in Aerospace Engineering

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Syed Arbab Mohd Shihab *Dhaka, Bangladesh*  
DISSERTATION: DeepARM: An Airline Revenue Management System for Dynamic Pricing and Seat Inventory Control using Deep Reinforcement Learning

### Major in Agricultural and Biosystems Engineering

---

Princess Tiffany Dantes *Valenzuela City, Philippines*  
DISSERTATION: NIR hyperspectral imaging for animal feed ingredient applications

†† Safal Kshetri *Ames, Iowa*  
DISSERTATION: Study of soil-tine interaction for the application of automated mechanical weeder

†† Armin Maraghehmoghammad *Ames, Iowa*  
DISSERTATION: Synthetic data generation for deep learning model training to understand livestock behavior

Vitor Souza Martins *Belo Horizonte Minas Gerai*  
DISSERTATION: Deep learning for land cover classification and environmental analysis using high-resolution remote sensing data

### Major in Agricultural Education

---

Haley Marie Banwart *West Bend, Iowa*  
DISSERTATION: Examining the role of feedback on agricultural communications students' writing self-efficacy and self-determined motivation

### Major in Analytical Chemistry

---

†† Beatrise Berzina *Riga, Latvia*  
DISSERTATION: Electrokinetic focusing of charged and neutral species for bioanalytical applications

### Major in Animal Science

---

§ Erin Andrea Horst *Van Horne, Iowa*  
DISSERTATION: The influence of immune activation on energetic and calcium homeostasis in Holstein dairy cows

### Major in Applied Mathematics

---

Matthew Aaron Jacobs *Maxwell, Iowa*  
DISSERTATION: Asymptotic solutions for high frequency Helmholtz equations

†† Wumaier Maimaitiyiming *Pocatello, Idaho*  
DISSERTATION: Positive and energy stable schemes for Poisson-Nernst-Planck equations and related models

## Major in Bioinformatics and Computational Biology

---

Zhanyou Xu *Ames, Iowa*  
DISSERTATION: Machine learning analytics for  
predictive breeding

Michael Anthony Zeller *Ames, Iowa*  
DISSERTATION: Using informatics approaches  
to monitor and predict biologically important  
genetic changes in influenza virus in swine

## Major in Biomedical Sciences (Pharmacology Biology)

---

§ Lionel Sebbag *Ames, Iowa*  
DISSERTATION: An eye on the dog as a  
translational model for ocular pharmacology

## Major in Business and Technology (Entrepreneurship)

---

§ Younggeun Lee *South Korea*  
DISSERTATION: The power of love: Four essays on  
the relationship between entrepreneurial passion  
and firm performance

## Major in Business and Technology (Information Systems)

---

†† Shuang Zhai *Ames, Iowa*  
DISSERTATION: Business Analytics Using Machine  
Learning and Large-Scale Textual Data: Three  
Essays

## Major in Business and Technology (Management)

---

Mehdi Samimi *Tehran, Iran*  
DISSERTATION: CEO construal levels and firm  
innovation

## Major in Business and Technology (Marketing)

---

§ Mohammad Amin Rostami *Tehran, Iran*  
DISSERTATION: Three Essays on Time Pressure  
and Sales Technology

## Major in Business and Technology (Supply Chain Management)

---

††§ Bo Lan *Beijing, China*  
DISSERTATION: Traveling salesman problem with  
time windows and drones (TSPTWD)

Yiming Zhuang *Haining, China*  
DISSERTATION: Three essays on the influence of  
regulations on sustainable operations

## Major in Chemical Engineering

---

Sadaf Charkhabi *Esfahan, Iran*  
DISSERTATION: Flexible resonant sensor  
fabrication and applications in biological,  
chemical, and physical sensing

Md Mir Hossen *Manikganj, Bangladesh*  
DISSERTATION: DNA origami templated optical  
metamaterials

Yijun Qi *Suzhou, China*  
DISSERTATION: Intestinal stem cells with its  
applications

## Major in Chemistry (Chemical Education)

---

†† Jiwoo An *Seoul, South Korea*  
DISSERTATION: Investigating students' affective  
states toward laboratory and context-based  
chemistry

## Major in Civil Engineering (Geotechnical Engineering)

---

§ Sajjad Satvati *Iran*  
DISSERTATION: Performance evaluation and benefit cost analysis of unpaved roads

## Major in Civil Engineering (Intelligent Infrastructure Engineering)

---

Bahareh Bazargani *Iran*  
DISSERTATION: Improving Quality Management of Pavement Condition Data

Tongge Huang *Ames, Iowa*  
DISSERTATION: Designing the next generation intelligent transportation sensor system using big data driven machine learning techniques

## Major in Computer Engineering (Software Systems)

---

Trong Duc Nguyen *Hanoi, Vietnam*  
DISSERTATION: Approximate query processing in a data warehouse using random sampling

## Major in Computer Science

---

Mikaela Cashman *West St. Paul, Minn.*  
DISSERTATION: Interpretability of configurable software in the biosciences

Md Johirul Islam *Savar, Bangladesh*  
DISSERTATION: Towards Understanding the Challenges Faced by Machine Learning Software Developers and Enabling Automated Solutions

†† Jinu Susan Kabala *Ames, Iowa*  
DISSERTATION: Understanding the internet AS topology and its applications

†† Alexey Markin *Moscow, Russia*  
DISSERTATION: Phylogenetic comparison measurements and their application towards the accurate inference of evolutionary histories

Oluwafemi Richard Oyeleke *Lagos, Nigeria*  
DISSERTATION: A situation-driven framework for relearning of activities of daily living in smart home environments

## Major in Ecology and Evolutionary Biology

---

David M. Delaney *Altamont, Ill.*  
DISSERTATION: Causes and consequences of variation in maternal investment strategies

†† Kaitlyn Grace Holden *Superior, Wis.*  
DISSERTATION: Physiological ecology of stress in a terrestrial ectothermic vertebrate (garter snakes, *Thamnophis* spp.)

## Major in Economics

---

Sher Afghan Asad *Lahore, Pakistan*  
DISSERTATION: Three essays in behavioral economics

Kevin Davey Duncan *Andover, Mass.*  
DISSERTATION: Three papers in regional dynamics and panel econometrics

Mohammad Nurul Hasan *Dhaka, Bangladesh*  
DISSERTATION: Essays in international finance

Xiaogang Li *Jian, China*  
DISSERTATION: Innovation, market valuations, policy uncertainty and trade: Theory and evidence

## Major in Education

---

Malika Butler *Durham, N.C.*  
DISSERTATION: Save our Black schools: Examining North Carolina A&T student activism and challenges towards progressivism in the New South

Madison R. Deshay-Duncan *Des Moines, Iowa*  
DISSERTATION: Who's at the Kitchen Table?: A Study Rearticulating Kitchen-table Educator-Activism And Reclaiming Black Iowa Women's Educator Identity

†† Ricardo Gamino Martinez *Ames, Iowa*  
DISSERTATION: Mathematics reborn: Empowerment with youth participatory action research EntreMundos in reconstructing our relationship with mathematics

§ James Joseph Schiltz *Ames, Iowa*  
DISSERTATION: Gender, Legislative Experience, and Party Affiliation: Examining the Relationship between State Legislator Attributes and Funding for Higher Education

## Major in Electrical Engineering (Bioengineering)

---

Silu Feng *Wuhan, China*  
DISSERTATION: MEMS aptamer sensors for detecting plant chemicals

Patrick Del Schmidt *Ames, Iowa*  
DISSERTATION: Feedback stabilized fluorescence microscope integrated with custom atomic force microscope for biological applications

## Major in Electrical Engineering (Electric Power and Energy Systems)

---

Qian Zhang *Shijiazhuang, China*  
DISSERTATION: Control of multi-terminal VSC-HVDC systems for combined AC/DC systems to improve power system dynamic performance

## Major in Electrical Engineering (Electromagnetics Microwave)

---

†† Praveen Gurrala *Visakhapatnam, India*  
DISSERTATION: Full-wave modeling of ultrasonic scattering for non-destructive evaluation

## Major in Electrical Engineering (Systems and Controls)

---

Bowen Huang *Shenyang, China*  
DISSERTATION: Data-driven modeling and control of dynamical systems using Koopman and Perron-Frobenius operators

## Major in Electrical Engineering (Very Large Scale Integration)

---

§ Shravan Kumar Chaganti *India*  
DISSERTATION: Cost-efficient solutions for analog and mixed-signal test and calibration challenges

§ Nanqi Liu *Danyang, China*  
DISSERTATION: Design techniques to improve analog and mixed-signal circuits performance

## Major in Entomology

---

Rebekah Ann Reynolds *Merrillville, Ind.*  
DISSERTATION: Novel insights into a well-studied steroid hormone: The impacts of 20-hydroxyecdysone (20E) on mosquito immunity

Ge Zhang *Zibo, China*  
DISSERTATION: Honey bee nutritional health in agricultural landscapes: Relationships to pollen and habitat diversity

## Major in Genetics

---

§ Tesia Sue Dennison *Woodburn, Iowa*  
DISSERTATION: Metabolomic characterization and quantitative genetic dissection of cuticular surface lipid accumulation on the stigmatic surfaces of maize

†† Ling Sze Lee *Malaysia*  
DISSERTATION: Cytogenetics studies on the evolution of sex chromosomes and genome organization in turtles

## Major in Genetics and Genomics

---

Allison Birnbaum *Jericho, N.Y.*  
DISSERTATION: Analysis of transcription factor FOXO in the regulation of stress, aging, and neuromuscular tissue homeostasis in *Drosophila melanogaster*

## Major in Geology

---

Diana Lynn Thatcher *Ames, Iowa*  
DISSERTATION: Using Portuguese stalagmites to constrain Holocene arid and humid intervals and drivers of regional hydroclimate

## Major in Gerontology

---

Cai Xu *Ames, Iowa*  
DISSERTATION: Accessibility of health care services  
for older adults in China

## Major in Human Development and Family Studies

---

§ Jenny Mai Phan *Harvey, La.*  
DISSERTATION: Puberty as a moderator on risk  
for psychopathology symptoms and autistic  
stereotypy exacerbation in adolescents with and  
without ASD

## Major in Kinesiology

---

Mark Edward Hartman *White Bear Lake, Minn.*  
DISSERTATION: The neural basis of the sense of  
fatigue

†† Jeni Lansing *Perry, Iowa*  
DISSERTATION: Understanding the importance of  
sedentary time in chronic pain

## Major in Materials Science and Engineering

---

§ Ravi Tej Anand Tutika *Eluru, India*  
DISSERTATION: Effect of Liquid Metal  
Microstructure on Properties and Performance of  
Soft Composites

## Major in Mathematics

---

†† Animesh Biswas *Berhampore, India*  
DISSERTATION: Regularity theory for nonlocal  
space-time master equations  
††§ Steven Nathan Harding *Jefferson, S. Dak.*  
DISSERTATION: Applications of harmonic analysis  
to topics in data science  
Matthew A. Jacobs *Maxwell, Iowa*  
DISSERTATION: Asymptotic solutions for high  
frequency Helmholtz equations

Daniel Mark Lucas *Des Moines, Iowa*  
DISSERTATION: Conditions for the Existence of  
Quantum Error Correction Codes  
†† Mary Colleen Vaughan *Onalaska, Wis.*  
DISSERTATION: Analysis of nonlocal equations:  
One-sided weighted fractional Sobolev spaces and  
Harnack inequality for fractional nondivergence  
form elliptic equations

## Major in Mechanical Engineering

---

Niraj Kunwar *Kathmandu, Nepal*  
DISSERTATION: Experimental and simulation-  
based performance analysis of integrated dynamic  
shading and lighting controls in office spaces

Meng Li *Cangzhou, China*  
DISSERTATION: Advances in reliability analysis and  
health prognostics using probabilistic machine  
learning  
Chad Alan Peterson *Warner, S. Dak.*  
DISSERTATION: Derivation of autothermal  
pyrolysis reaction kinetics

## Major in Microbiology

---

Nicholas John Backes *Lakeville, Minn.*  
DISSERTATION: CRISPR interference strategies  
for studies in essential gene function and live  
cell fluorescent imaging of DNA elements in  
*Escherichia coli*

Nathan D. Peroutka-Bigus *Kailua, Hawaii*  
DISSERTATION: Development of nanotherapeutics  
for the treatment of recalcitrant and antibiotic  
resistant infections



## Major in Molecular Cellular and Developmental Biology

---

§ Karthik Murugan *Bangalore, India*  
DISSERTATION: Characterizing the specificity and nicking activity of CRISPR endonucleases, Cas9 and Cas12a

## Major in Nutritional Sciences

---

§ Isaac Agbemafle *Ho, Ghana*  
DISSERTATION: Alternative protein and iron sources for infant and young child nutrition

Joseph Lawrence Webb *Murray, Iowa*  
DISSERTATION: Nutrigenomics and aging: A transcriptomic perspective

## Major in Organic Chemistry

---

†† Bryan James Lampkin *Weston, Wis.*  
DISSERTATION: Teasing apart excited-state intramolecular proton transfer (ESIPT) fluorescence: An evaluation of solvent, substituent, and aromaticity effects

## Major in Physical Chemistry

---

†† Ellie Lynn Fought *Elyria, Ohio*  
DISSERTATION: Shifty protons and wandering electrons

## Major in Plant Biology

---

Hao Jiang *Shijiazhuang, China*  
DISSERTATION: Forward and reverse genetic studies of Brassinosteroids signaling

## Major in Plant Breeding

---

Fernando Silva Aguilar *Cali, Colombia*  
DISSERTATION: Heterosis, inbreeding depression and genetic divergence in maize

## Major in Population Sciences in Animal Health

---

Rochelle Marie Warner *New Prague, Minn.*  
DISSERTATION: Strategies for lameness-associated pain detection and mitigation in lactating dairy cattle

## Major in Psychology

---

†† Johnie Joe Allen *Dieterich, Ill.*  
DISSERTATION: Gaming as psychologically nutritious: Does need satisfaction in video games contribute to daily well-being beyond need satisfaction in the real world?

Rachel Elizabeth Dianiska *Sugar Land, Tex.*  
DISSERTATION: Lying and memory in forensic interviews: The influence of voluntary deception and repeated interviews on memory for the truth

††§ Kimberly Rae More *Kelowna, Canada*  
DISSERTATION: Distinguishing initiation from maintenance in the Integrated Behavior Change Model

†† Adele Marie Quigley-McBride *Wellington, New Zealand*  
DISSERTATION: The repeated-suspect effect: What is the effect of repeated identification attempts on eyewitness accuracy and the original memory for the culprit?

Michael Tynan *St. Louis, Mo.*  
DISSERTATION: Multidimensional tolerance of ambiguity: Construct validity, academic success, and workplace outcomes

## Major in Psychology (Counseling Psychology)

---

- †† **Amanda Katherine Buduris** *Chicago, Ill.*  
DISSERTATION: Attachment style and emotion dysregulation as serial mediators of betrayal trauma experiences and level of satisfaction in romantic relationships
- ††§ **Stacy Ko** *Coto de Caza, Calif.*  
DISSERTATION: Application of a racially expanded model of objectification theory to Asian and Asian American women
- Jennifer L. L. Major** *Philadelphia, Pa.*  
DISSERTATION: Racial discrimination, ethnic-racial socialization, depression, and educational attainment in a longitudinal study of African American youth
- Lily Amelia Mathison** *Los Angeles, Calif.*  
DISSERTATION: Professional Psychologists and Mental Health Stigma: Exploring a Complicated Relationship
- Mary Schenkenfelder** *Crystal Lake, Ill.*  
DISSERTATION: Faculty behaviors predicting student satisfaction: A self-determination approach using basic psychological needs and academic motivation
- ††§ **Andrew Seidman** *Wayne, N.J.*  
DISSERTATION: The use of a self-affirmation intervention and group therapy to increase psychological help-seeking
- Matthew Timothy Seipel** *Milwaukee, Wis.*  
DISSERTATION: Supporting the well-being of student veterans and service members: Contextual factors and self-determination

## Major in Statistics

---

- Xiaodan Lyu** *Hengyang, China*  
DISSERTATION: Small area prediction and big data visualization: Analysis of soil losses from sheet and rill erosion on cropland
- Kiegan Erin Rice** *Glen Ellyn, Ill.*  
DISSERTATION: A framework for statistical and computational reproducibility in large-scale data analysis projects with a focus on automated forensic bullet evidence comparison
- Zhenzhong Wang** *Jinan, China*  
DISSERTATION: High-dimensional time series analysis and its application in economic forecasting
- § **Shan Yu** *Hefei, China*  
DISSERTATION: Model estimation, identification and inference for next-generation functional data and spatial data

## Multiple Curricula and Majors

---

- Samantha Jo Cosgrove** *Fayetteville, N.C.*  
MAJORS: Rhetoric and Professional Communication and Human Computer Interaction  
DISSERTATION: Hurricane Florence and disaster preparedness: Investigating risk through the intersections of technical communication and user experience
- Carl Albert Frame** *Osseo, Wis.*  
MAJORS: Meat Science and Animal Science  
DISSERTATION: Investigations of the oxidative stability of rendered protein meals and their suitability as feed ingredients
- § **Sambit Ghadai** *Rourkela Odisha, India*  
MAJORS: Mechanical Engineering and Computer Engineering  
DISSERTATION: A Cybermanufacturing Framework Incorporating Deep Learning and Multi-resolution Voxel Representations
- § **Leela Sai Praveen Gopiseti** *Vijayawada, India*  
MAJORS: Civil Engineering (Geotechnical Engineering) and Civil Engineering (Civil Engineering Materials)  
DISSERTATION: Evaluation of Climate Data Sources and Investigation of Performance Prediction Models for Mechanistic-Empirical Pavement Designs
- § **Guang Han** *Harbin, China*  
MAJORS: Sustainable Agriculture and Agricultural Education (Agricultural Extension Education)  
DISSERTATION: Motivations, challenges, benefits, and educational needs associated with organic grain farming adoption in Iowa
- James Scott Klimavicz** *Nokesville, Va.*  
MAJORS: Toxicology and Organic Chemistry  
DISSERTATION: Biorational pesticides: Pest control inspired by natural compounds
- Alex Floyd Lim** *Torrance, Calif.*  
MAJORS: Human Computer Interaction and Psychology (Cognitive psychology)  
DISSERTATION: Spatial cognitive implications of user interfaces in virtual reality and route guidance
- Lin Meng** *Beijing, China*  
MAJORS: Geology and Environmental Science
- Stephanie Ann Reinders** *Ames, Iowa*  
MAJORS: Applied Mathematics and Computer Engineering (Secure and Reliable Computing)  
DISSERTATION: Statistical methods for digital image forensics: Algorithm mismatch for blind spatial steganalysis and score-based likelihood ratios for camera device identification

§ **S. M. Sajed Sadati** *Tabriz, Iran*

MAJORS: Civil Engineering (Construction Engineering and Management) and Civil Engineering (Intelligent Infrastructure Engineering)

DISSERTATION: Energy and Performance Evaluation of Electricity-Based Processes at Airport Gates

††§ **Weijia Su** *Urumqi, China*

MAJORS: Plant Biology and Bioinformatics and Computational Biology

DISSERTATION: The impact of Terminal Inverted Repeat (TIR) transposable elements on plant genomes

**Natalie Sarah Thompson** *Reading, United Kingdom*

MAJORS: Geology and Environmental Science

DISSERTATION: A multi-proxy reconstruction of sea ice extent and primary productivity during Marine Isotope Stage 11 in the Bering Sea

**Andrew Zaman** *Bountiful, Utah*

MAJORS: Kinesiology and Psychology

DISSERTATION: The effects of stress on working memory, inhibitory gating, and motor symptoms in Parkinson's disease

# MASTER OF ACCOUNTING

---

## Major in Accounting

---

Abby Elizabeth Derner  
Davis Masakazu Hall

Carroll, Iowa  
Cedar Rapids, Iowa

Adriana Teresa Navas-Goyco San Juan, Puerto Rico

## Major in Accounting (Financial Reporting and Assurance)

---

Jaehyung Chung

Seoul, South Korea

## Major in Accounting (Global Business and Assurance)

---

Taylor Marie Lock

Packwood, Iowa

# MASTER OF ARCHITECTURE

---

## Major in Architecture

---

Kaitlin Marie McCoy

Eagan, Minn.

Hunter Daniel Wille

Marion, Iowa

# MASTER OF ARTS

---

## Major in Anthropology

---

††§ Daniel Martin Dalmas Carter Lake, Iowa  
THESIS: Reassessment of Late Quaternary Bison  
Diminution on the Great Plains of North America

## Major in English Literature

---

Courtney Danielle Reeves

Des Moines, Iowa

## Major in History

---

Matthew David Dawdy Boone, Iowa  
THESIS: Slaveholders' Paradise: Conceptions of  
Heaven in Antebellum Southern Presbyterian  
Thought

Kelsey Joann Sissel Excelsior, Minn.  
THESIS: An honorable problem: A case study in  
the pursuit of honor in the antebellum and Civil  
War South

## Major in Political Science

---

Ryan William Peterson

Northfield, Minn.

## Major in Political Science (Public Policy)

---

Ethan Michael Guge

West Des Moines, Iowa

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

---

Zhi Chen *Ames, Iowa*  
THESIS: Understanding Test Preparation Behaviors  
of TOEFL iBT Repeater Test Takers in China

## Multiple Curricula and Majors

---

Tiffany Michelle Eide *Hawthorne, Calif.*  
MAJORS: Rhetoric Composition and Professional  
Communication and English (Literature)  
THESIS: Transformative technology, transformative  
streets: Gas lighting and nineteenth-century  
written representations of space

## MASTER OF BUSINESS ADMINISTRATION

---

### Major in Business Administration

---

Drew Bredholt	<i>Des Moines, Iowa</i>	Julia Carolyn Sonntag	<i>Urbandale, Iowa</i>
Carley Michelle Fulcher	<i>Winterset, Iowa</i>	Katherine Anne Weldon	<i>West Des Moines, Iowa</i>

## MASTER OF BUSINESS ANALYTICS

---

### Major in Business Analytics

---

Jake Russell Manke *Scottsdale, Ariz.*

## MASTER OF COMMUNITY AND REGIONAL PLANNING

---

### Major in Community and Regional Planning

---

Yuko Higuchi *Inabe City, Japan*

## MASTER OF DESIGN IN SUSTAINABLE ENVIRONMENTS

---

### Major in Sustainable Environments

---

Kaitlin Marie McCoy	<i>Eagan, Minn.</i>	Wei Wang	<i>Shanghai, China</i>
Meining Shen	<i>Chengdu, China</i>	†† Hunter Daniel Wille	<i>Marion, Iowa</i>

# MASTER OF EDUCATION

---

## Major in Education (Curriculum and Instructional Technology)

---

Vy Tieu Vo Ames, Iowa

## Major in Education (Educational Administration)

---

Yavonne Z. D. Palmer Des Moines, Iowa

## Major in Education (Higher Education)

---

Jerry Thomas Hartman Creston, Iowa Rhaechel Elizabeth Ohge Fritz Boone, Iowa

## Major in Education (Mathematics Licensure)

---

Eli Paul Devine Marshalltown, Iowa

## Major in Education (Special Education Practitioner)

---

Courtney Kay Foster West Des Moines, Iowa Dustin Theodore Hammers Union, Iowa

# MASTER OF ENGINEERING

---

## Major in Chemical Engineering

---

Utkarsh Ramesh Singapore

## Major in Civil Engineering (Geotechnical Engineering)

---

Yufeng Guo Zhengzhou, China

## Major in Computer Engineering

---

Hazem Ahmed Hussein Abdeltawab Ames, Iowa Bhagath Kumar Reddy Veerannagari  
Old Bowenpally, India

## Major in Cyber Security

---

James S. Nhan Orange City, Iowa George I. Zachariades Nicosia, Cyprus  
Gregory Allen Tew Des Moines, Iowa

## Major in Electrical Engineering

---

Sasan Dilbehbahani Saratoga Springs, N.Y. Vivek Kumar Singh New Delhi, India  
Erik Johnathan Engh Reno, Nev. Zhenghan Zhang Lanzhou, China  
Jiameng Li Ames, Iowa

## Major in Engineering Management

---

Ross Thomas Schomberg Akron, Ohio

## Major in Industrial Engineering

---

Dheeraj Pandurang Desai Bangalore, India Mark Boulos Haddad San Diego, Egypt

## Major in Mechanical Engineering

---

Tyler D. Etrheim  
Sai Charan Katamreddy

Garretson, S. Dak.  
Chennai, India

Matthew Steven Woodall

Wilmington, Ill.

## MASTER OF FAMILY AND CONSUMER SCIENCES

---

### Major in Family and Consumer Sciences (Family Financial Planning)

---

Mara Ashlea Mapes  
William Lee Miklus

Urbandale, Iowa  
Indianola, Iowa

D'Andre Payne

Washington, D.C.

### Major in Family and Consumer Sciences (Youth Development)

---

Mae Louise Hingtgen  
Wyne Darlean Silverio Salas

Dubuque, Iowa  
Dededo, Guam

Blake Allen Wetherington

Mayfield, Ky.

## MASTER OF FINANCE

---

### Major in Finance

---

Shuxin Xie

Ames, Iowa

## MASTER OF FINE ARTS

---

### Major in Creative Writing and Environment

---

§ Zara Chowdhary  
THESIS: The lucky ones: A genocide forgotten, a  
childhood remembered

Mumbai, India

### Major in Graphic Design

---

Joel Nathanael  
THESIS: Toward a theory of gender  
communication design

Ames, Iowa

### Major in Integrated Visual Arts

---

†† Cameron E. Gray  
THESIS: The Coronation

St. Louis, Mo.

## MASTER OF HUMAN COMPUTER INTERACTION

---

### Major in Human Computer Interaction

---

Sarah Michelle Fletcher  
Elias Hayes  
Laura Nicole Barron Hedeem  
Keely Hicks  
Maeve Maura Kenny

Atlanta, Ga.  
Longview, Wash.  
Sammamish, Wash.  
Seattle, Wash.  
Philadelphia, Pa.

Isak Fedeler Knivslund  
Tiffany Rose Morris  
Aaron Michael Staker  
Emily Marie Stout  
Jessica Rae Versaw

Cedar Falls, Iowa  
Wilmington, N.C.  
Ankeny, Iowa  
San Jose, Calif.  
Lincoln, Neb.

§ Research Excellence Award  
†† Teaching Excellence Award

# MASTER OF LANDSCAPE ARCHITECTURE

---

## Major in Landscape Architecture

---

Peiming Chen  
Meining Shen

Ames, Iowa  
Chengdu, China

Wei Wang

Shanghai, China

# MASTER OF PROFESSIONAL PRACTICE IN DIETETICS

---

## Major in Professional Practice in Dietetics

---

Kirsten Janine Ault  
Abigail Katherine Carper  
Rachel Dreist  
Andrea Rose Dudenhoefer  
Nikkollette L. Ehlinger  
Courtney Lynn Erick  
Shannon L. Evers  
Patricia Fox  
Tylane Gayle Garrett  
Devin Renee Horton  
Amber Ivie  
Christina Rose Masinde

Menifee, Calif.  
Manchester, Iowa  
Waterford, Wis.  
McKean, Pa.  
Lee's Summit, Mo.  
Malvern, Ark.  
Greenville, S.C.  
Visalia, Calif.  
Rogersville, Mo.  
Paducah, Ky.  
Corsicana, Tex.  
Ames, Iowa

Megan Deann Mincey  
Aubrey Jeaney Neal  
Tracey Patrick  
Leslie Jo Rusch-Bayer  
Starla Schmidt  
Daniela Renee Sensini  
Amee Elizabeth Severson  
Mariah Rachel Shepp  
Kylie Smith  
Felicia Watkins  
Leigh Marie Wright

Nashville, Tenn.  
St. Joseph, Mo.  
Lexington, Ky.  
Eureka, Ill.  
Phoenix, Ariz.  
Falls Church, Va.  
Bellingham, Wash.  
Scottsdale, Ariz.  
Omaha, Neb.  
Tahlequah, Okla.  
Cedar Rapids, Iowa

# MASTER OF SCIENCE

---

## Major in Aerospace Engineering

---

Ved Prakash  
Nathan Daniel Scheirer  
THESIS: Generation and optimization of fiber layup on curved composite structures

Duliajan, India

Germantown Hills, Ill.

Zichen Zhang

Beijing, China

THESIS: Experimental investigations of atomization characteristics of an airblast atomizer at high ambient pressure

## Major in Agricultural and Biosystems Engineering

---

Mark Joseph Deutsch  
THESIS: Impact of Boom Height Sensor Placement and Quantity on Boom Height Error  
Alyssa Nicole Iverson  
THESIS: Degradation of sulfamethazine, tetracycline, and tylosin in prairie strip soils and row crop soils

Baxter, Iowa

Springfield, Neb.

Mike Sserunjogi

Kampala, Uganda

THESIS: Physical disturbance as a non-chemical approach to control weevils in stored maize

## Major in Agricultural Education

---

Mary Agnes Alto  
Angelica Anders  
Kiley Marie Baerg  
Cassidy Byess

Malin, Oreg.  
Westbrook, Maine  
Central City, Iowa  
Dawsonville, Ga.

Juliana Mae Forbush  
Danielle Jo James  
Karen Denise Van De Walle

Byron, Mich.  
Minburn, Iowa  
Dunkerton, Iowa

## Major in Agricultural Education (Agricultural Extension Education)

---

Christa Lynn Hartsook

Cambridge, Iowa

Carlton James Ness

Jewell, Iowa



## Major in Agronomy

---

Kurt Allen Carpenter  
Jarrod Martin Friederich

New Baden, Ill.  
Ankeny, Iowa

Christian Heredia  
Matthew David Vandehaar

Walnut Hill, Ill.  
Altoona, Iowa

## Major in Analytical Chemistry

---

Gabriel Adeolu Odugbesi  
Valley Stream, N.Y.  
THESIS: Ionic liquids and deep eutectic solvents  
as gas chromatographic stationary phases for  
separation and characterization

Chenghui Zhu  
Jinhua, China  
THESIS: Magnetic ionic liquids in applications  
of nucleic acid analysis: Sequence-specific  
extraction of DNA and preservation solvents of  
RNA

## Major in Animal Science

---

Layla Eve King  
Faribault, Minn.  
THESIS: Lactation performance and nitrogen  
efficiency of dairy cows fed increasing amounts  
of microencapsulated methionine

## Major in Applied Mathematics

---

Samuel Quincy Van Fleet  
St. Paul, Minn.  
THESIS: A Lax-Wendroff discontinuous Galerkin  
scheme for linear hyperbolic systems

## Major in Biochemistry

---

Jazelli Lenae Mueterthies  
Ames, Iowa  
THESIS: Multi-scale Computational Studies of  
Heterochromatin Protein 1

Samuel Oluwatoyin Shobade  
Lagos, Nigeria  
THESIS: Preparation and characterization of  
recombinant plant chitinases

Shivani Sharma  
New Delhi, India  
THESIS: Developing tools to study the clustering-  
based activation mechanisms of proline-rich  
tyrosine kinase 2

## Major in Biomedical Sciences

---

Brianna R. Stevens  
Ankeny, Iowa

## Major in Civil Engineering (Construction Engineering and Management)

---

Celso Mauro Nhanga Santos  
Luanda, Angola  
THESIS: Energy-Efficient Technology Retrofit  
Investment Behaviors of Households in Lower  
and Higher Income Regions

## Major in Civil Engineering (Environmental Engineering)

---

Andrea Rae McEachran  
Cedar Rapids, Iowa  
THESIS: Improving the design of saturated  
riparian buffers for removing nitrate from  
subsurface drainage

## Major in Civil Engineering (Geotechnical Engineering)

---

Guangfan Zheng  
Guangzhou, China  
THESIS: Effectiveness of geogrids in roadway  
construction by large scale laboratory tests

### **Major in Civil Engineering (Structural Engineering)**

---

Conor C. Duffy *Olathe, Kans.*  
THESIS: Investigating serviceability issues related to thermal movement accommodation in bridges

### **Major in Civil Engineering (Transportation Engineering)**

---

Clint Richard Kassmeyer *Ankeny, Iowa*  
THESIS: Work zone crash prediction model and characteristics analysis  
Zahra Khalilzadeh *Tehran, Iran*

Maroia Mumtarin *Bangladesh*  
THESIS: Impact of Seasonally Changing Variables on Structural Capacity and Functional Property of Pavement

### **Major in Computer Engineering (Computing and Networking Systems)**

---

Chander Bhushan Gupta *New Delhi, India*  
Aditi Mishra *Indore, India*

Satya Prakash *Bangalore, India*

### **Major in Computer Engineering (Secure and Reliable Computing)**

---

Nicholas J. Schmidt *Woodbury, Minn.*

### **Major in Computer Science**

---

Mojdeh Saadati *Tehran, Iran*  
THESIS: Adjustment criteria for recovering causal effects from missing data

Wandi Xiong *Baoji, China*  
THESIS: Design-time detection of physical-unit changes in product lines

### **Major in Condensed Matter Physics**

---

Luwen Jiang *Wuhan, China*

### **Major in Diet and Exercise**

---

Isaac Joseph Schiff *Stillwater, Minn.*  
THESIS: The effects of nicotinamide riboside on postprandial oxidative stress and vascular function

### **Major in Economics**

---

Jee Hae Ha *Daegu, South Korea*

### **Major in Education Special Education**

---

Jillian Bea Nelson *Somers, Iowa*  
THESIS: Behavior intervention plan implementation fidelity

### **Major in Electrical Engineering (Bioengineering)**

---

Chang Sun *Langfang, China*

### **Major in Electrical Engineering (Communications and Signal Processing)**

---

Patricia Sharon Williams *Chennai, India*

Xianhua Yu *Guangdong, China*  
THESIS: Sequential neural network decoder for convolutional code with large block sizes

## Major in Electrical Engineering (Electric Power and Energy Systems)

---

Soumya Roy *Kolkata, India*  
THESIS: Data Driven Complexity Reduction of  
Power System Production Cost Models

## Major in Electrical Engineering (Electromagnetics Microwave)

---

Joseph Talbot Filbert *Marshalltown, Iowa*  
THESIS: Electrical characterization of 316L metal  
powder used in additive manufacturing

Jeil Park *Donghae-si, South Korea*  
THESIS: Electromagnetic modeling of vegetation  
canopy for retrieving soil moisture and vegetation  
optical depth

## Major in Electrical Engineering (Microelectronics and Photonics)

---

Mingdian Liu *Xuzhou, China*  
THESIS: An IoT-enabled paper sensor platform  
for real-time analysis of isothermal nucleic acid  
amplification tests

## Major in Electrical Engineering (Very Large Scale Integration)

---

Abdullah O. Al Obaidi *Baghdad, Iraq*  
THESIS: Reducing integrated circuit test cost  
through improvements in multisite testing and  
built-in self-test

## Major in Fisheries Biology

---

Brett Butler Kelly *Abbeville, S.C.*  
THESIS: Spatial distribution and ecological  
relationships of stream fishes in Iowa's Driftless  
Area

Robert Edward Weber III *Shawnee, Kans.*  
THESIS: Understanding factors regulating  
Muskellunge and Walleye reservoir populations  
using radio telemetry

## Major in Food Science and Technology

---

§ Yiliang Cheng *Zhoukou, China*  
THESIS: 3D printing of cellulose derivatives based-  
biogel matrices as the drug delivery system and  
support structure

Xiaoqing Zhuang *Rizhao, China*  
THESIS: Bigels and their application in yogurt

## Major in Genetics and Genomics

---

Ryan Lee Jeon *Cupertino, Calif.*  
THESIS: Genetic indicators for disease resilience  
in pigs

## Major in Geology

---

Irene M. Kadel-Harder *Elkton, Md.*  
THESIS: Mineralogical and geochemical studies  
of the Globe Hill, Schist Island, and Wild Horse  
Extension pits, Cripple Creek gold deposit,  
Colorado

Claire Elizabeth Ruggles *Lake Forest, Ill.*  
THESIS: A multiple-pulse emplacement model for  
the Shonkin Sag laccolith, MT

## Major in Hospitality Management

---

Boya Luo *Ames, Iowa*  
THESIS: College students' produce handling  
attitudes, practices, beliefs, and knowledge at  
home and workplace

## Major in Human Computer Interaction

---

Eman Ibrahim Almehaimeed  
Steffen Baumann

Ames, Iowa  
Oakwood, Ohio

Andrew Tsoi Ko

Flushing, N.Y.

## Major in Human Development and Family Studies

---

Rotem Arieli  
THESIS: The effects of social support, social networks, and functional ability on life satisfaction among oldest old adults  
Neil Patrick Barnett  
THESIS: Exploring the autonomic responsivity of exposure to salient financial stressors within an experimental paradigm

Tel Aviv, Israel

New Orleans, La.

Isha Chawla  
THESIS: Knowledge self-awareness, financial behavior, and economic pressure  
Bethany Hope McCurdy  
THESIS: The Effect of Parent Anxiety and Emotion Regulation on Parenting Behaviors

Agra, India

New Orleans, La.

## Major in Industrial and Agricultural Technology

---

Guy Roger Aby  
THESIS: Wireless sensors for quality monitoring and management of stored grain inventories

Abidjan, Côte d'Ivoire

## Major in Industrial Engineering

---

Ramanathan Annamalai  
THESIS: Evaluating the effect of sensor limitations in flight vision systems on pilot performance  
†† Logan V. Beguhn  
THESIS: Root structure design for hybrid manufacturing of multi-material structures

Chennai, India

Granger, Iowa

Cong Xu  
THESIS: Assessment of human and multiple UAVs interaction in police clearing operations

Changsha, China

## Major in Information Systems

---

Pallabi Chatterjee

Ames, Iowa

## Major in Interdisciplinary Graduate Studies

---

Sarah Denise Frette

Ames, Iowa

## Major in Interdisciplinary Graduate Studies (Biological and Physical Sciences)

---

Scott Tan Le  
THESIS: Role of diet and genetics on aging brain and cognition

Ames, Iowa

## Major in Journalism and Mass Communication

---

§ Denise Diann Coberley  
THESIS: Encouraging soil health practices: The influence of identity, norms, and language on soil health behaviors of Iowa farmers

Ames, Iowa

## Major in Kinesiology

---

Gabriel Alberto Cruz Maldonado  
THESIS: The influence of regular physical activity on affective and mood state response to acute moderate intensity exercise in adults with major depressive disorder

Guaynabo, Puerto Rico

## Major in Materials Science and Engineering

---

Yanhua Huang *Jinan, China*  
THESIS: Metallic nanoparticle ink Formulation development and optimization for electrohydrodynamic ink-jet printing

Dohgyu Hwang *Busan, South Korea*  
THESIS: A kirigami approach for controlling mechanical and sensing properties of films

## Major in Mechanical Engineering

---

†† Hannan Nadeem *Lahore, Pakistan*  
THESIS: An investigation of droplet growth and phase separation in an oil and water emulsion under controlled shear and temperature conditions

Mayur Shivaji Patil *Kolhapur, India*  
THESIS: Long short-term memory (LSTM) neural network-based system identification and augmented predictive control of piezoelectric actuators

Benjamin Carter Robertson *Pella, Iowa*  
THESIS: Building energy efficiency retrofit prioritization: A case study of the Iowa Army National Guard

## Major in Meteorology

---

Michael J. Garberoglio *Cuyahoga Falls, Ohio*  
THESIS: Sensitivity of boundary layer characteristics and related low-level jet behavior to planetary boundary layer schemes in the WRF for several MCS cases

Ashley Heath *Fort Collins, Colo.*  
THESIS: Interactions of large scale dynamics in multi-model MJO simulations

## Major in Nuclear Physics

---

Mengyao Huang *Guigang, China*  
THESIS: Zero mode correction for the critical coupling in (1+1)-dimensional  $\phi^4$  theory

## Major in Nutritional Sciences

---

Annette Elise Contrady *Rockford, Ill.*  
THESIS: Physical activity needs, preferences, perceptions, and current practices of community residing older adults

## Major in Physics

---

Cheng Xiang *Beijing, China*

## Major in Plant Breeding

---

Jeremiah Menefee *North Liberty, Ind.*  
Paloma Teixeira Moe *Prior Lake, Minn.*

Chanse Lee Walker *Lincoln, Neb.*

## Major in Plant Pathology

---

Jefferson de Oliveira Barizon *Dourados, Brazil*  
THESIS: Evaluating analogs and derivatives of constituents of plant essential oils for management of plant-parasitic nematodes

## Major in Psychology

---

Kristen Alicia Slapinski *Saltsburg, Pa.*  
THESIS: Does contextual information improve the detection of deceptive behavioral cues?

---

**Major in Seed Technology and Business**

---

Craig Earl Hamm

Beaumont, Tex.

David Joshua Prow

Melba, Idaho

**Major in Statistics**

---

†† Jinu Susan Kabala  
Pu LiuAmes, Iowa  
Ames, Iowa

Guoliang Ma

Shanghai, China

**Major in Veterinary Microbiology**

---

Nicholas A. Streauslin  
THESIS: Repeatability of diagnostic real-time PCR  
and sequencing at various concentrations within  
different sample matrices

Ames, Iowa

**Major in Veterinary Preventive Medicine**

---

Jenna L. Funk  
THESIS: The association between Whisper  
(registered) lung scores and feedlot performance  
in crossbred calves

Milford, Ill.

Hao Tong

Xianning, China

**Major in Wildlife Ecology**

---

Derek Charles Ballard  
THESIS: Wetland use by spring migrating ducks in  
Iowa's Prairie Pothole Region

Kingsville, Tex.

Benjamin Matthew West  
THESIS: Bird-habitat relationships in southern  
Iowa forests

North Liberty, Iowa

**Multiple Curricula and Majors**

---

Holly Deann Baiotto  
MAJORS: Mechanical Engineering and Human  
Computer Interaction  
THESIS: A computation study on contextual self-  
organizing maps for subset data integration

Dexter, Iowa

Loulou Claire Dickey  
MAJORS: Civil Engineering (Environmental  
Engineering) and Civil Engineering  
(Geotechnical Engineering)  
THESIS: Evaluation of the slope stability of  
streambanks at saturated riparian buffer sites

Burlington, Iowa

Lydia Purinton English  
MAJORS: Sustainable Agriculture and Ecology and  
Evolutionary Biology  
THESIS: Understanding the variation in vegetation  
composition of prairie restorations within crop  
fields

Providence, R.I.

Katherine Grace Hochmuth  
MAJORS: Animal Science and Meat Science  
THESIS: Exploring the effects of supranutritional  
zinc and ractopamine hydrochloride on  
the proteome and phosphoproteome of the  
Longissimus dorsi in beef steers

Plymouth, Minn.

Shanell A. Hurst  
MAJORS: Cyber Security and Computer  
Engineering

Des Moines, Iowa

§ Jason Christopher Morris  
MAJORS: Rural Sociology and Sustainable  
Agriculture  
THESIS: Conservation plans and targeted  
conservation: Investigating two approaches to  
improving farmer practice adoption

Austin, Tex.

Rebecca Abbott Roberts  
MAJORS: Sustainable Agriculture and Soil Science  
THESIS: Influence of cereal rye spring termination  
timing and herbicide type on soil nitrate and  
litter composition

Vienna, Va.

---

**MASTER OF URBAN DESIGN**

---

**Major in Urban Design**

---

Peiming Chen

Ames, Iowa

# DEGREE RECIPIENTS FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

---

## BACHELOR OF SCIENCE

---

### Curriculum in Agricultural and Life Sciences Education

---

Tiffany Marie Choate	Strawberry Point, Iowa	Anna Marie Ehlers	Storm Lake, Iowa
----------------------	------------------------	-------------------	------------------

### Curriculum in Agricultural Biochemistry

---

Taylor Alec Boysen	Johnston, Iowa
--------------------	----------------

### Curriculum in Agricultural Business

---

Chase C. Carlson	Hermiston, Oreg.	Jacob Lee Hansen	Tipton, Iowa
Rebecca Clara Frantz	Wellman, Iowa	Kaylyn R. Kucera	Madison, Neb.

### Curriculum in Agricultural Studies

---

Nathan Matthew Danzer	Carroll, Iowa	Carter Dean Rholl	Webster City, Iowa
Shelby Renea Holdeman	Pella, Iowa	Wilson Jon Seeser	Camanche, Iowa
Blake Andrew Lansing	Ames, Iowa	Anna Elizabeth Vymetal	Grinnell, Iowa

### Curriculum in Agricultural Systems Technology

---

Grant Christian Honken	Hartley, Iowa
------------------------	---------------

### Curriculum in Agronomy

---

Benjamin Michael Marlow	Mason City, Iowa
-------------------------	------------------

### Curriculum in Animal Ecology

---

Madisen Grace Leeper	West Des Moines, Iowa	Jana Marie Plescia	Homer Glen, Ill.
Evan Thomas Lutkenhaus	Decorah, Iowa	Bridget Marie Pyle	Glen Ellyn, Ill.
Addison Lynn Nyman	Ankeny, Iowa	Mengjia Wu	Dalian, China
Kathleen Marie Peterson	Papillion, Neb.		

### Curriculum in Animal Science

---

Kayla Marea Anderson	Alden, Iowa	Faviola Alexandra Mojena	Guaynabo, Puerto Rico
*** Megan Marie Hogan	Farley, Iowa	Trenton Jeffrey Rogers	Muscatine, Iowa
Renee Ann Horky	Polk, Neb.	Ashley K. Wicks	Hampton, Iowa
Samantha Mae Luscombe	Garner, Iowa		

### Curriculum in Biology

---

Jessica Esther Aguilar	Des Moines, Iowa	Dilan Jon Cummings	Dike, Iowa
Dee Jaye Aldrich	Sterling, Ill.	** Abby Loew	Eagan, Minn.
Amber R. Bortz	Robins, Iowa	*** Caleb Remle Sneller	Sioux City, Iowa
Samuel Harrison Clouse	Moravia, Iowa	Cameron John Vanburen	Elk River, Minn.

### Curriculum in Environmental Science

---

Olivia G. Wattonville	Huxley, Iowa
-----------------------	--------------

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

### **Curriculum in Food Science**

---

\*\* Derek Jay Schweiger                      Plymouth, Wis.

### **Curriculum in Genetics**

---

Annah M. Kh. A. Alfares                      Kuwait                      Christopher Logan Nuttall                      Des Moines, Iowa

### **Curriculum in Industrial Technology**

---

Shadonna Shantavia Bonds                      Milwaukee, Wis.                      Tristan Jarod Louvan                      Waukee, Iowa  
Brandon Michael Gabbert                      Johnston, Iowa                      Alexander M. Stockmaster                      Cedar Rapids, Iowa  
Jack Paul Hendricks                      Naperville, Ill.

### **Curriculum in Microbiology**

---

Mackenzie N. Palmillas                      Ames, Iowa

### **Multiple Curricula and Majors**

---

* Erin Leigh Huckins                      Lake in the Hills, Ill. Global Resource Systems and Environmental Studies	Jenna Elizabeth Nielsen                      Winterset, Iowa Global Resource Systems and Liberal Arts and Sciences: Major in Anthropology
Peter William Lewis                      West Des Moines, Iowa Agronomy and Global Resource Systems	Ashlyn Anne Uithoven                      Round Lake, Minn. Animal Science and International Agriculture

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program



# DEGREE RECIPIENTS FROM THE IVY COLLEGE OF BUSINESS

---

## BACHELOR OF SCIENCE

---

### Major in Accounting

---

Anthony George Ciarfella	<i>Des Moines, Iowa</i>	* Minsoo Lim	<i>Seoul, South Korea</i>
Victoria May Emerson	<i>Knoxville, Iowa</i>	Emily Lopez	<i>Ankeny, Iowa</i>
** Aaron J. Gullickson	<i>Verona, Wis.</i>	Jon Parker McAsey	<i>Minooka, Ill.</i>
Steffen Thomas Hoey	<i>Jesup, Iowa</i>	Alexander Brian Miller	<i>Estherville, Iowa</i>
Subin Ji	<i>Seoul, South Korea</i>	Jakhongir Oybek Ogli Yusupov	<i>Clinton, Iowa</i>
Kennedy Ann Lenz	<i>Bettendorf, Iowa</i>		

### Major in Business Economics

---

Nicholas James Ramirez	<i>Ames, Iowa</i>
------------------------	-------------------

### Major in Entrepreneurship

---

Hunter Alexander Melsha	<i>Cedar Rapids, Iowa</i>	Carlos Daniel Quintana-Alvarez	<i>Des Moines, Iowa</i>
Rena Salvador Miranda Jr.	<i>Uniondale, N.Y.</i>	Anthony Lawrence Swindell	<i>Grayslake, Ill.</i>

### Major in Finance

---

Zachary Scott Anderson	<i>New Sharon, Iowa</i>	Jasmine N. Luangdetmalay	<i>Des Moines, Iowa</i>
Matthew Riley Bemis	<i>Prior Lake, Minn.</i>	Amir Mashad	<i>Edina, Minn.</i>
Stevie Dean Deford Jr.	<i>Cedar Rapids, Iowa</i>	Nicholas Robert McNamara	<i>Gurnee, Ill.</i>
** Luke Joseph Eastman	<i>West Des Moines, Iowa</i>	Omer Mustafic	<i>Des Moines, Iowa</i>
Blake Anthony Eller	<i>Muscatine, Iowa</i>	Anh S. Nguyen	<i>Des Moines, Iowa</i>
** Aaron J. Gullickson	<i>Verona, Wis.</i>	* Molly Ann Riesselman	<i>Halbur, Iowa</i>
Brandon Richard Herr	<i>Winterset, Iowa</i>	Cale Marcus Scharfenkamp	<i>Carroll, Iowa</i>
Andrew Koll Johnson	<i>Chicago, Ill.</i>	*** Jingyan Tong	<i>Lanzhou, China</i>
Cole Edward Kautzky	<i>Templeton, Iowa</i>	Tyler Jon Wirta	<i>Clive, Iowa</i>
Eun Chan Kim	<i>Clive, Iowa</i>	Jiachi Xu	<i>Wenzhou, China</i>
* Xiaobo Kong	<i>Hefei, China</i>	Xiaoshi Yan	<i>Beijing, China</i>
Austin Daniel Larson	<i>Roseville, Minn.</i>	Chang Yin	<i>Chongqing, China</i>
Jack Harrison Leistner	<i>Spring Grove, Ill.</i>		

### Major in Management

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Joseph Carl Albright	<i>Brooklyn Park, Minn.</i>	Yong il Jo	<i>Seoul, South Korea</i>
Jordan Mickell Anderson	<i>Carlisle, Iowa</i>	Cherise D. Koster	<i>Johnston, Iowa</i>
Rhianna Kay Bean-Beisser	<i>Des Moines, Iowa</i>	Mariah Nichole McClelland	<i>Altoona, Iowa</i>
*** Carrie Elizabeth Brcka	<i>Fertile, Iowa</i>	Daniel Isaiah Nixon	<i>Hoover, Ala.</i>
Blake Daniel Buttweiler	<i>Mason City, Iowa</i>	Ceara L. Rico	<i>Norwalk, Iowa</i>
Jaylin Earl Caleb	<i>Aurora, Colo.</i>	* Kade James Theobald	<i>Council Bluffs, Iowa</i>
Gage M. Farmer	<i>Marion, Iowa</i>		

### Major in Management Information Systems

---

Mitchell James Burnison	<i>Eden Prairie, Minn.</i>	Mukti N. Katel	<i>Des Moines, Iowa</i>
* Sanchit Chhabra	<i>Nangal, India</i>	Chioma J. Nwizu	<i>Urbandale, Iowa</i>
Meredith Claire Doyle	<i>Maple Grove, Minn.</i>	Alec Joseph Rainer	<i>Lake in the Hills, Ill.</i>
Daniel Patrick Hall	<i>Valparasio, Ind.</i>	Joseph Yang	<i>Madison, Wis.</i>
Diante Lashaun Harris	<i>Clinton, Iowa</i>		

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

## Major in Marketing

---

Riek B. Bior	Milwaukee, Wis.	Minseop Kim	Seoul, South Korea
Madison Carter	Ankeny, Iowa	** Edward Joseph Kroll	Hinton, Iowa
Deni Catic	Urbandale, Iowa	Ben P. Le	Urbandale, Iowa
Joe Edward Christopherson	Waconia, Minn.	Chase Allen Mark	Minnetonka, Minn.
Chenhang Feng	Chengdu, China	Michael Lloyd Mertz	Walnut, Iowa
Nicholas Hamaty III	Orono, Minn.	Heath Jeremiah Methlie	Altoona, Iowa
Sarah Renee Harshman	Wildwood, Mo.	Joseph Andrew Peller	Prior Lake, Minn.
Evan Robert Hart	Cary, Ill.	Peng Yu Shen	Altoona, Iowa
Jacob Kenneth Heen	Urbandale, Iowa	Chandler R. B. Stebbins	Hampshire, Ill.
Miranda Jordan Howe	Fort Mill, S.C.	Colby Wiederin	Carroll, Iowa

## Major in Supply Chain Management

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Kezden Lee Blankenship	Hawarden, Iowa	Ethan H. Jones	Lake Zurich, Ill.
Sean Daniel Coughlan	Naperville, Ill.	Madolyn Rose Kumsher	Shakopee, Minn.
* Elizabeth Nicole DeNoble	Spirit Lake, Iowa	Eric Jeffrey Mueller	Mendota Heights, Minn.
Diana Elizabeth Echeverria	Des Moines, Iowa	Kevin Gerald Ripp	Cross Plains, Wis.
* Adina Ikeljic	Urbandale, Iowa	Michael T. Warfield	Lakeville, Minn.
James Richard Jaeger	Maple Grove, Minn.	Jiacheng Zhao	Chengdu, China

## Multiple Curricula and Majors

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Andrew Phillip Alsot	Wonder Lake, Ill.	** Nicole Lynn Lowe	Dysart, Iowa
Accounting and International Business		Marketing and Entrepreneurship	
** Kok Kent Chong	Kuala Lumpur, Malaysia	Blake Richard Rosenquist	Hartland, Wis.
Finance and Supply Chain Management		Supply Chain Management and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	
Kyler Michael Estenson	Cedar Rapids, Iowa		
Marketing and Management			

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

# DEGREE RECIPIENTS FROM THE COLLEGE OF DESIGN

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## BACHELOR OF ARCHITECTURE

---

### Curriculum in Architecture

---

Rui Chen *Fuzhou, China*

## BACHELOR OF ARTS

---

### Curriculum in Art and Design

---

Amro Mohamed Osman *Alamarat, Sudan*

### Curriculum in Interdisciplinary Design

---

Neil William Hanson *Norwalk, Iowa*

## BACHELOR OF FINE ARTS

---

### Curriculum in Graphic Design

---

Jacob Timothy Horning	<i>Rockford, Ill.</i>	Lucas D. Stromer	<i>Garner, Iowa</i>
** Noah K. Kruger	<i>North Liberty, Iowa</i>	Jessica Sue Trussell	<i>Traer, Iowa</i>
Alyson O'Hara	<i>West Des Moines, Iowa</i>	Joseph Alexander Ulven	<i>Sioux City, Iowa</i>
Reina Marie Rabadan	<i>Sterling, Ill.</i>		

### Curriculum in Integrated Studio Arts

---

\* Bonnie C. Dowd *Louisville, Ky.*

### Curriculum in Interior Design

---

Zachary Thomas Hall	<i>Des Moines, Iowa</i>	April Rose Weber	<i>Elk Horn, Iowa</i>
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## BACHELOR OF INDUSTRIAL DESIGN

---

### Curriculum in Industrial Design

---

Sarah Anne Davis	<i>Davenport, Iowa</i>	Elizabeth Anne Losen	<i>Cedar Rapids, Iowa</i>
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## BACHELOR OF SCIENCE

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### Curriculum in Community and Regional Planning

---

Nick Vincent Cook *West Des Moines, Iowa*

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

# DEGREE RECIPIENTS FROM THE COLLEGE OF ENGINEERING

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## BACHELOR OF SCIENCE

---

### Curriculum in Aerospace Engineering

---

Jacob James Falck	Lamont, Iowa	Edward Shim	St. Charles, Ill.
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### Curriculum in Agricultural Engineering

---

Wyatt M. Murphy	Wellman, Iowa
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### Curriculum in Chemical Engineering

---

Shelby Lynn Baker	Hastings, Minn.	* Alex Bradley Lewis	Dike, Iowa
Jonah William Brown	Sussex, Wis.	Tanner Joseph Sorsen	Coon Rapids, Minn.
** Ethan Joseph Dunn	Waverly, Iowa	* Laura Kristin Studanski	Plymouth, Minn.
Sidney Suzette Eibes	Stacyville, Iowa	Thrivignya Yedlapalli	Bangalore, India
* Cameron Kenneth Greenwalt	Elko, Minn.		

### Curriculum in Civil Engineering

---

** Evan Robert Culver	Ames, Iowa	Nathaniel James Lawson	Orion, Ill.
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### Curriculum in Computer Engineering

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Madison Lea Jacobsen	Denison, Iowa	Christian James Royston	Urbandale, Iowa
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### Curriculum in Electrical Engineering

---

Blake Arin Danek	Elk Grove Village, Ill.	Samantha Lynn Kimball	Des Moines, Iowa
Omar Hesham S. ElSherbiny	Cairo, Egypt		

### Curriculum in Industrial Engineering

---

Omar Mohammed Alhamdi	Jeddah, Saudi Arabia	Marie Katherine Loye	Minneapolis, Minn.
Aryan Ashish Apte	Mumbai, India	Ameer Basem Ratrouf	Rochester, Minn.
Thomas Raymond Berquist	Plymouth, Minn.	Randall John Reinhardt	Fort Dodge, Iowa
Thomas Philip Hasley	Cedar Rapids, Iowa	Kathryn Socha	Coon Rapids, Minn.

### Curriculum in Materials Engineering

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Dawson Darrell Fox	Champlin, Minn.
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### Curriculum in Mechanical Engineering

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Alon Klekner	Ames, Iowa	Garrett W. Heckman	New Virginia, Iowa
Mohammed Ruman Ahmed	Hanover Park, Ill.	Grady Finnegan Holmes	Hudson, Wis.
Logan Keith Brown	Woodbury, Minn.	Cole Steven Jensen	Prior Lake, Minn.
Quenton S. Calvelage	The Woodlands, Tex.	Andreas Michael Kaut	Pleasant Hill, Iowa
Zheng Yi Chin	Auburn, Wash.	Nicole Karen Keehr	Crystal, Minn.
Keegan Cafferty Crain	Folsom, Calif.	Abdullah Ahmad Khan	India
Marcelo Henrique Domiciano Bello		David Lee Knudtson	Iowa City, Iowa
	Sao Jose dos Campos, Brazil	David Timothy Lass	Urbandale, Iowa
Dalton Robert Headlee	Des Moines, Iowa	Mitchell Joseph Lehmann	West Salem, Wis.

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

Tianyi Liu	Qingdao, China	Kaushik Rahman	Dhaka, Bangladesh
Andrea Manarin	Abu Dhabi, United Arab Emirates	Cesar Alejandro Rodriguez	Fort Lauderdale, Fla.
Douglas Todd Mihelich	Forest Lake, Minn.	Terrence Sanders Sanchez	Sergeant Bluff, Iowa
Robert Edward Moore III	Center Point, Iowa	Sydney Rae Skarbalus	Prior Lake, Minn.
Molly Royce Munderloh	Edina, Minn.	Braxton Daniel Stamm	Polo, Ill.
Benjamin C. Newhouse	State Center, Iowa	* Andrew D. Stenger	Ellisville, Mo.
Dominic Hiep Nguyen	Des Moines, Iowa	Jonathan D. Stock	Los Angeles, Calif.
** Kishan Patel	Schaumburg, Ill.	Tyler Allan Strong	Sergeant Bluff, Iowa
Devyn Mackenzie Perry	Hawthorn Woods, Ill.	James Wesley Takala	Kenosha, Wis.
Carter Nathan Peterson	Woodbury, Minn.	Caleb Todd Vorpahl	Urbandale, Iowa
Jalen C. Phillips	Scales Mound, Ill.	Ethan Andrew Walsweer	Union, Ill.
Grant Micheal Pryor	Council Bluffs, Iowa	*** Kexin Wang	Hangzhou, China

### Curriculum in Software Engineering

---

Austin Joseph Gregory	Cedar Rapids, Iowa	Cole Ray Mulligan	Eldridge, Iowa
Garrett Harkness	Hanover, Ill.	* Apurva Rajeshbhai Patel	Vadodara, India
Aiden Alan McMinimy	Clinton, Iowa	Alexander David Stevenson	Peoria, Ill.
Karla S. Montoya	Ames, Iowa	Kyle Alexis Williams	St. Thomas, Virgin Islands

### Multiple Curricula and Majors

---

** Kari Rose Beine	Cedarburg, Wis.	Kristian Lars Shipley	Sterling, Ill.
Chemical Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)		Chemical Engineering and Liberal Arts and Sciences: Major in Chemistry	
Dillon Hewitt Allen Bidjou	Eagan, Minn.		
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

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## BACHELOR OF SCIENCE

---

### Curriculum in Apparel, Merchandising, and Design

---

Crystal Marie Davenport	South Holland, Ill.	Paige Elizabeth Matthews	Williams Bay, Wis.
Jena Marie Debaker	Green Bay, Wis.	Nikki Leigh Nauman	Cedar Rapids, Iowa
Zoe Meera Gargesh	Overland Park, Kans.	Autymn Tamar Olson	Randall, Iowa
Greta Luise Hartung	Minneapolis, Minn.	Destinee Marie Palimore	Des Moines, Iowa
Elena Margaret Hikiji	Huxley, Iowa	Gina E. Rorman	Richfield, Minn.
Mason Scott Hoyt	Des Moines, Iowa	Mckenna C. Sloan	Batavia, Ill.
Madolyn Rose Kumsher	Shakopee, Minn.	Kelsie L. Toth	Clive, Iowa
Lily Anne Lucas	Coralville, Iowa	*** Yiqing Wang	Zhengzhou, China

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

---

* Allison Ann Baker	Eagan, Minn.	Shelby Jean Mineart	Washington, Iowa
Miranda Nicole Cheers	Ortonville, Mich.	*** Rebecca Anne Muhlenbruck	Ankeny, Iowa
* Breiana Michele Crouch	Ankeny, Iowa	Erin Marie Nutt	Pleasant Hill, Iowa
*** Amy Grace Eckstrom	Omaha, Neb.	Amy Louise Nyberg	Corydon, Iowa
Rebecca Lynn Harms	Monona, Iowa	Hannah Morgan Vivan Preston	Ames, Iowa
Josie Shae Herbst	Davenport, Iowa	** Kate E. Pruess	Clarence, Iowa
Amanda Lynn Humphrey	Eldora, Iowa	Lydia Renae Shepley	Cambridge, Iowa
Christina B. Jorgenson	Ankeny, Iowa	* Cheney Michelle Spaulding	Fort Dodge, Iowa
Chelsea LeeAnne Krueger	Perry, Iowa	Sarah Theresa Statz	Boone, Iowa
Lauren N. McCann	Clive, Iowa	Tymar Sutton	McKeesport, Pa.

### Curriculum in Event Management

---

Michelle Margaret Bailey	Woodbury, Minn.	Mia Pearl Wheeler	Council Bluffs, Iowa
Madeline Lillie Briney	Winterset, Iowa	Alexis Patricia Wolfe	Fort Dodge, Iowa
Sydney Nicole Conrad	Inver Grove Heights, Minn.	Rachel Anne Zimmer	Chanhassen, Minn.
Molly Elizabeth Farrell	West Des Moines, Iowa		

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

---

Julia Irene Casas                      Des Moines, Iowa

### Curriculum in Financial Counseling and Planning

---

Sean Michael Vogelbacher              Webster City, Iowa

### Curriculum in Hospitality Management

---

Subin Ji	Seoul, South Korea	Haitong Tang	Chengdu, China
Myung Keun Song	Seoul, Korea		

### Curriculum in Kinesiology and Health

---

Rogelio Ivan Apolonio	Des Moines, Iowa	Elizabeth N. Bruder	Dallas, Tex.
* Bailey Reed Beal	Camanche, Iowa	Dillon Mitchell Burns	Des Moines, Iowa
Brady Allen Beal	Camanche, Iowa	Braden Classon	Woodbury, Minn.
Maris L. Behan	Davenport, Iowa	Jack Michael DeJong	West Des Moines, Iowa
* Hannah Dawn Bennett	Lenox, Iowa	Jackson Eben Dobesh	Ankeny, Iowa

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

* Carli Brooke Endsley	Cedar Rapids, Iowa	Sydney Lee O'Hara	Apple Valley, Minn.
Randi Mari Estabrook	Mitchellville, Iowa	Alexandra Paige Orr	Davenport, Iowa
Katelyn Mary Fiedler	New Prague, Minn.	Teagan Michele Ready	Spring Grove, Ill.
Jason Corpuz Gagni	Streamwood, Ill.	Christopher E. Rodriguez	Plymouth, Minn.
Taryn Joy Gapter	Erie, Colo.	** Nathaniel Tye Sauberan	Lincoln, Neb.
*** Georgia Marie Garrett	Ottumwa, Iowa	Ethan Thomas Segerstrom	Forest City, Iowa
Robin Joanne Gillund	Des Moines, Iowa	Remington M. Sliger	Rockford, Iowa
Lucas Francis Gnewuch	Ames, Iowa	Rebecca Jane Staib	Coralville, Iowa
Murat Hecimovic	West Des Moines, Iowa	Nicholas Gary Starkey	Schaumburg, Ill.
* Raija Lynn Johnson	Duluth, Minn.	Ashley Rebecca Steele	Port Republic, Md.
Timothy Daniel Johnson	Manteno, Ill.	Nickolas Eldon Stein	Vinton, Iowa
Cole Allen Keeler	Albion, Iowa	Jillian Joyce Trompler	Homewood, Ill.
Emily Marie McDermott	Missouri Valley, Iowa	Kaysia Ryanne Vercher	Des Moines, Iowa
Allie Nicole Moore	Ankeny, Iowa	Daric Christopher Whipple	Jefferson, Iowa
Michael Alden Nordeen	Story City, Iowa	Madison Lee Wilcox	Iowa Falls, Iowa
Alexandra Bree Novak	Andover, Minn.		

### Curriculum in Nutritional Science

---

Haley Christine Barth	Arlington Heights, Ill.	*** Emily Ann Gilbertson	Swisher, Iowa
Kayla Marie Ebert	Columbus, Wis.		

### Multiple Curricula and Majors

---

* Syrene Rae Ball	Camanche, Iowa	Maria Rae Schussler	Marion, Iowa
Kinesiology and Health and Liberal Arts and Sciences: Major in Psychology		Event Management and Apparel, Merchandising, and Design	
Mikah Nikole Millard	Garner, Iowa		
Child, Adult, and Family Services and Liberal Arts and Sciences: Major in Political Science			

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

# DEGREE RECIPIENTS FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

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## BACHELOR OF ARTS

---

### Major in Advertising

---

Dylan Paul Coon	Ankeny, Iowa	Lexie Ella Muzzy	Lakeville, Minn.
Anna Marie Ehlers	Storm Lake, Iowa	Sydney Jayne Reysack	Ankeny, Iowa
Alec Hansen	Maple Grove, Minn.	Mikhail C. Shepperd	Plattsmouth, Neb.
Kerry Ann Hermann	Palos Heights, Ill.	Adam Christopher Vannatta	Sioux City, Iowa
Briar Jewell Jensen	Mason City, Iowa	Matthew Curtis Zemlicka	Golden Valley, Minn.
Stephanie Joy	Jefferson, Iowa		

### Major in Anthropology

---

Kyle Logan Ebel	Manly, Iowa
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### Major in Biological/Pre-Medical Illustration

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Travis Michael James	Johnston, Iowa
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### Major in Chemistry

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Tho X. Bui	Sioux City, Iowa	Mathew Kolo Lueth	Ames, Iowa
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### Major in Communication Studies

---

Maranda Salene Anderson	Davenport, Iowa	* Sarah Elizabeth Frerking	Marion, Iowa
Summer Kay Droster	Oconomowoc, Wis.	Monique Rose Washington	Miwaukee, Wis.

### Major in Criminal Justice Studies

---

Alex Christian Dewey	Odebolt, Iowa	Keegan P. O'Donnell	Village of Lakewood, Ill.
* Amelia Rose Grohn	Ames, Iowa	Gabreille Tamar Petty	Waldorf, Md.
Faith Elizabeth Hamilton	Moline, Ill.	Duncan Samuel Pickard	Mount Pleasant, Iowa
Madeline Nancy Hoeft	Lakeville, Minn.	** Sarah McLean Stocker	Des Moines, Iowa
Tristan D. Jones	West Des Moines, Iowa	Melissa Renee Van Horn	Roscoe, Ill.
Jordan E. Landt-Rider	Marshalltown, Iowa		

### Major in English

---

Rae Anne Hattan	Sioux City, Iowa	Kelsey Kay Steinbach	Villisca, Iowa
** Sarah Ann Leinheiser	Carmel, Ind.	Jennifer H. Vang	Des Moines, Iowa
** Bailey Rae Mitchell	Greene, Iowa	Madison Brianne Wolf	Runnells, Iowa
Stephanie Silkman	Van Meter, Iowa		

### Major in Linguistics

---

Alyssa Rose Jennings	Kearney, Neb.	Carrie Ann Riesenberg	Carroll, Iowa
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### Major in Music

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Hoang Jonathan Van Tran	Freeport, Ill.
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\* Cum Laude  
 \*\* Magna Cum Laude  
 \*\*\* Summa Cum Laude  
 † Honors Program



## Major in Performing Arts

---

Alejandro Miguel Valdes *Dixon, Ill.*      Joi Renee Wright *Dallas, Tex.*

## Major in Political Science

---

Sydney Maureen Denman *De Soto, Iowa*      Emma Josphine Petersen *North Liberty, Iowa*  
Riley Kristine Hayes *Knoxville, Iowa*      Nicole Ann Sawyer *Plymouth, Minn.*  
Emily Klisares *Des Moines, Iowa*      Jacob Daniel Somerville *Hudson, Wis.*

## Major in Psychology

---

Achok Michael Akuar *Des Moines, Iowa*      \*\*\* Tania Danielly Nuno *Elk Point, S. Dak.*  
Richard Porter Bowens III *Detroit, Mich.*      Dustin A. Smith *Boone, Iowa*  
Kaleigh Nicole Guge *Nevada, Iowa*      Anicka Noelle Stoikes *Pearl City, Ill.*  
Yahaira Jazmin Lopez *Council Bluffs, Iowa*

## Major in Sociology

---

Steven Alec Thongvanh *Storm Lake, Iowa*      Ryan Samuel Yoder *Farley, Iowa*  
Faith Toweh *Des Moines, Iowa*

## Major in Speech Communication

---

\*\*\* Carrie Elizabeth Brcka *Fertile, Iowa*      \*\* Megan E. Happe *West Des Moines, Iowa*

## Major in World Languages and Cultures (German)

---

\* Dillon Gene Bonham *Logan, Iowa*      Alexander Theodore Gindt *Ames, Iowa*

## Major in World Languages and Cultures (Spanish)

---

\*\* Devin Marie Erb *Marion, Iowa*      \* Timothy Gordon Peterson *Ankeny, Iowa*  
Jacqueline Abigail Moran *Denison, Iowa*

## Multiple Curricula and Majors

---

\* Griffin Adams *Parker, Colo.*  
English and Technical Communication

Megan Dorothy Carroll *Council Bluffs, Iowa*  
Criminal Justice Studies and Sociology

Min-Le Chu *Kaohsiung, Taiwan*  
Political Science and Environmental Studies

Dylan Lee Hicks *Bettendorf, Iowa*  
Advertising and Communication Studies

Annaliessa Jo Michelotti-Hendon *Bremerton, Wash.*  
Women's and Gender Studies and International  
Studies

\*\*\* Tia Christine Saddler *Brooklyn Park, Minn.*  
English and Women's and Gender Studies

Merisa Spahic *Palatine, Ill.*  
Advertising and Communication Studies

Jazlyn Miaya Talley *Des Moines, Iowa*  
Political Science and Public Relations

Shelby Lee Werner *Waterloo, Iowa*  
Sociology and Criminal Justice Studies

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

# BACHELOR OF LIBERAL STUDIES

---

## Major in Liberal Studies

---

Kelsey Jeanne Barbour	<i>Des Moines, Iowa</i>	Michael Lawrence Larson	<i>Des Moines, Iowa</i>
Lynn Marie Bohn	<i>Iowa Falls, Iowa</i>	Alexander Lee Mackall	<i>Austintown, Ohio</i>
Concepcion Brewer	<i>Des Moines, Iowa</i>	Cory Moore	<i>Des Moines, Iowa</i>
Theresa Renee Couture	<i>Ames, Iowa</i>	Kimberly Kay Penning	<i>Dakota City, Iowa</i>
Trevor Crickon	<i>Waukee, Iowa</i>	Zachary John Reicks	<i>Lawler, Iowa</i>
Joseph Craig Cunningham	<i>Urbandale, Iowa</i>	Natalie Ann Rust	<i>Webb, Iowa</i>
Eric Steven Doeden	<i>Cedar Falls, Iowa</i>	Paul C. Schlenker	<i>Indianola, Iowa</i>
Isis Salome Harris	<i>Waterloo, Iowa</i>	Sarah K. Settle	<i>Norwalk, Iowa</i>
Kathryn Patrice Hulick	<i>Indianola, Iowa</i>	Brenda Lynn Smith	<i>Gilman, Iowa</i>
Judith Marie Jean-Michel	<i>Chicago, Ill.</i>		

# BACHELOR OF MUSIC

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## Major in Music

---

** Ryan Spencer Foreman	<i>Urbandale, Iowa</i>	** Zachary Dean Smith	<i>West Des Moines, Iowa</i>
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# BACHELOR OF SCIENCE

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## Major in Biochemistry

---

Jasmin Olivia Garcia	<i>Des Moines, Iowa</i>
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## Major in Bioinformatics and Computational Biology

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Han-Tian Guo	<i>West Des Moines, Iowa</i>
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## Major in Biology

---

Veronica Lynne Borst	<i>Urbandale, Iowa</i>	Mitchell D. Schnetzer	<i>Wayzata, Minn.</i>
Ian Joseph Buchwald	<i>Marshalltown, Iowa</i>	Camryn Faye Wigert	<i>Boone, Iowa</i>
** Kayla Marie Grenier	<i>Ankeny, Iowa</i>	Wenxuan Zhang	<i>Nanjing, China</i>
Johnny Perez Rivera	<i>Ponce, Puerto Rico</i>		

## Major in Biophysics

---

Jonathon Thomas Neessen	<i>Indianola, Iowa</i>
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## Major in Computer Science

---

Dengyun Ma	<i>Guangzhou, China</i>	Mohit Saroye	<i>San Jose, Calif.</i>
James Arthur Rosin	<i>Morton Grove, Ill.</i>		

## Major in Economics

---

Ethan Michael Bowers	<i>Gilbert, Iowa</i>	Conner Gene Walter	<i>Afton, Iowa</i>
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\* *Cum Laude*  
\*\* *Magna Cum Laude*  
\*\*\* *Summa Cum Laude*  
† *Honors Program*

## Major in Environmental Science

---

Elizabeth Anne Carlson                      Stratford, Iowa

## Major in Genetics

---

Eva Marie Passek                              Savage, Minn.

## Major in Geology

---

Joseph W. Kirkpatrick                      Maxwell, Iowa                      Chanel Smita Vidal                      Iowa City, Iowa  
Muhammad Syukri Mohd Fadzil  
Kuala Lumpur, Malaysia

## Major in History

---

Ariel Tiara Dose                              Des Moines, Iowa                      Ty Christian Nelson                      Springville, Iowa  
Tyler Michael Gotto                              Remsen, Iowa                      Patrick Daniel Walther                      Fayetteville, N.C.

## Major in Journalism and Mass Communication

---

Miski Ahmed                              Des Moines, Iowa                      Brian Michael Mackley                      Hudson, Wis.  
Adam Borisenko                              Clive, Iowa                      Sara Lynn Petersen                      Sperry, Iowa  
\* Amanda Kate Brown                              Boone, Iowa                      Noah S. Rohlring                      Ankeny, Iowa  
Julissa Garcia                              Markham, Ill.                      Dylan Michael Ryan                      Glenview, Ill.  
Jared John Larson                              Ames, Iowa                      Michaela Ann Schmetter                      Des Moines, Iowa

## Major in Mathematics

---

Samuel F. Begley                              Omaha, Neb.                      Matthew Gene Morford                      Durant, Iowa  
Haoxuan Cai                              Shenyang, China                      Philip J. Vega                      Ames, Iowa

## Major in Physics

---

Yudhistira Maude Utomo                      Huxley, Iowa

## Major in Psychology

---

Eden Tekilay Beyene                              Ames, Iowa                      Spencer Brekke Ingram                      Denison, Iowa  
Patricia Cancino                              Sioux City, Iowa                      \*\* Tanner J. Johnson                      Eagle Lake, Minn.  
Cale T. Davis                              Runnells, Iowa                      Allison Elizabeth Lake                      Downers Grove, Ill.  
\*\*\* Margaret Jean Guetersloh                      Albuquerque, N. Mex.                      Ashlyn Nicole Murray                      Ankeny, Iowa  
Aaron Stewart Heisler                              Granger, Iowa                      Tasabeeh El Gunaid Musa                      Ames, Iowa  
\*\*\* Xavier Joseph Gene Heron                              Ames, Iowa                      Kathryn Marie Ranfranz                      Rochester, Minn.  
Christian Cole Hill                              Des Moines, Iowa                      Lauren Kelly Schweer                      Grimes, Iowa  
Jeydon Alexander Holm                              Ankeny, Iowa                      \* Maria V. Smirnova                      West Des Moines, Iowa  
Tianna Leigh Homan-Arndt                      Eagle Lake, Minn.                      Brett Alan Steckbar                      Village of Lakewood, Ill.  
Michael Anthony Huffman                              Huxley, Iowa                      Yilin Xie                      Shanghai, China

## Major in Public Relations

---

Alexander M. Gray                              Cedar Rapids, Iowa                      Molly Kathleen Russ                      Maineville, Ohio  
\*\* Bridget Marie Hepworth                              Waterloo, Iowa                      Skye Ellora Shock                      Woodbury, Minn.  
\*\*\* Erin Katherine Krage                              Parker, Colo.                      \* Polina Shynkarenko                      Kyiv, Ukraine  
Sebastian E. Krembuszewski                              Cary, Ill.                      David Scott Thornton                      Lake Zurich, Ill.  
\* Kierstyn Nicole Krug                              Urbandale, Iowa                      \*\*\* Laurel Halcyone Tiedeman                      Ames, Iowa  
\*\* Adelaide M. Metcalfe                              Cambridge, Iowa                      Kasmira Marie Woodwick                      Buffalo, Minn.  
Ricardo Javier Rodriguez                              Waterloo, Iowa

## Major in Statistics

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Haoxuan Cai                              Shenyang, China                      \*\* Hanson Litama Gunawan                      Jakarta, Indonesia

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

## Multiple Curricula and Majors

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Christopher D. Anderson      *Webster City, Iowa*  
Public Relations and Political Science

\*\* Madeline Grace Leopardo      *DeKalb, Ill.*  
Public Relations and World Languages and  
Cultures (Spanish)

Brianna Elizabeth Manzano      *Oxnard, Calif.*  
Psychology and Criminal Justice Studies

Jonathan I. Ortega      *Marshalltown, Iowa*  
Mathematics and Physics

Marissa Lynn Prelgo      *Inver Grove Heights, Minn.*  
Public Relations and Event Management

Jasmine Mareta Spikes      *Carrollton, Tex.*  
Anthropology and Interdisciplinary Studies  
(Classical Studies)

Nicolas Paul Uhlenberg      *Des Moines, Iowa*  
Economics and Mathematics

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





# Past Honorary Degree Recipients



# PAST HONORARY DEGREE RECIPIENTS

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

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

**1879: J. L. Budd, Master of Horticulture.** Established ISU's Department of Horticulture at Iowa State.

**1879: James L. Geddes, Master of Philosophy.** Distinguished career in the British and Union Armies; first professor of military tactics at Iowa State.

**1887: A. A. Bennett, Master of Science.**

**1887: Luther Foster, Master of Agriculture.** B.S., 1872, Iowa State.

**1887: M. Stalker, Master of Science.** B.S., 1873, Iowa State; first editor Aurora, the student newspaper; developed the curriculum in Veterinary Science.

**1887: E. W. Stanton, Master of Science.** B.S., 1872, Iowa State in the first graduating class; Acting President of Iowa State four times.

**1890: Charles Keffer, Master of Horticulture; received another honorary degree in 1914.** Only two people in Iowa State history have received two honorary degrees.

**1895: Mattie Locke Macomber, Master of Philosophy.** B.S., 1872, Iowa State in the first graduating class.

**1897: James W. Wilson, Master of Agriculture.** B.S., 1896, Iowa State; became U.S. Secretary of Agriculture; was the first of four Iowa State graduates to serve as U.S. Secretary of Agriculture.

**1903: Robert B. Armstrong, Master of Philosophy.**

**1903: W.T. Hornaday, Master of Philosophy.** World-famed naturalist and zoologist.

**1907: J. C. Blair, Master of Agriculture.**

**1907: I. B. Schreckengast, Master of Philosophy.**

**1908: Virginia Corbett, Master of Philosophy.** B.S., 1893, Iowa State; Dean of Women at Colorado State at Fort Collins.

**1909: Norman J. Coleman, Doctor of Science.**

**1909: Seaman A. Knapp, Doctor of Science.** Appointed president of Iowa State College from 1883-1885.

**1909: James W. Robertson, Doctor of Science.**

**1914: Charles Keffer, Doctor of Science.**

**1914: George L. McKay, Doctor of Science.** Recognized for his work in dairying.

**1914: James Wilson, Doctor of Science.**

**1915: Marion Dorset, Doctor of Veterinary Medicine.**

**1915: LaVerne Noyes, Doctor of Engineering.** B.S., 1872, Iowa State in the first graduating class.

**1916: Clarence Henry Eckles, Doctor of Science.** B.S., 1895, Iowa State; head of the Department of Dairy Husbandry Farms at St. Paul, Minnesota.

**1916: Herbert Osborn, Doctor of Science.** B.S., 1879, Iowa State; helped organize the Iowa Academy of Science.

**1916: Willis Whited, Doctor of Engineering.** B.S., 1879, Iowa State; bridge engineer in Pennsylvania with the State Highway Department.

**1920: W.C. Armstrong, Doctor of Engineering.** B.S., 1881, Iowa State; in charge of building the Northwestern Depot in Chicago.

**1920: Joseph Charles Arthur, Doctor of Science.** B.S., 1872, M.S., 1877, Iowa State, which was the first advanced degree from Iowa State; first librarian at Iowa State.

**1920: Alfred Atkinson, Doctor of Science.** B.S., 1904, Iowa State; president of Montana State College of Agriculture.

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

**1920: Isabelle Bevier, Doctor of Science.** Head of the Department of Home Economics at the University of Illinois.

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

**1920: Arthur P. Davis, Doctor of Engineering.** President of the American Society of Civil Engineers.

**1920: Albert S. Hitchcock, Doctor of Science.** B.S., 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: Thornton A. Wilson, Doctor of Science.** B.S., 1943, Iowa State; President of the Boeing Company in 1968 and chairman of the board in 1972; DAC recipient in 1973.\*

**1993: Charles Concordia, Doctor of Science.** One of the most distinguished power systems engineers in the world.

**1994: George Washington Carver, Doctor of Humane Letters.** B.S., 1894, M.S., 1896, Iowa State; first African-American Student at Iowa State; world renowned plant scientist.

**1994: Hugh S. Sidey, Doctor of Humane Letters.** B.S., 1950, Iowa State; staff member and columnist for Time magazine for more than 30 years; first recipient of James W. Schwartz Award for "Distinguished Service to Journalism and Mass Communication"; DAC recipient in 1972.\*

**1995: D. Gale Johnson, Doctor of Humane Letters.** B.S., 1932, Ph.D., 1945, Iowa State; teacher and researcher of the agricultural economic problems in Russia and China; DAC recipient in 1995.\*

**1996: M. E. "Gene" Ensminger, Doctor of Humane Letters.** Achievements for his work in animal science, education and international agriculture.

**1997: Simon Estes, Doctor of Humane Letters.** studied voice at the University of Iowa from 1956-1963; from 1964 to 1965 studied at the 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.

**2018: Theaster Gates, Doctor of Humane Letters.** B.S. and M.S. Iowa State University; M.F.A. University of Cape Town in South Africa. Gates, is an acclaimed artist and innovator in urban revitalization and planning. As an artist, he 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 "life within things."

**2019: Robert A. Easter, Doctor of Science.** B.S. and M.S. Texas A&M University; Ph.D. University of Illinois. Easter is President Emeritus of the University of Illinois, having served the institution for 42 years. In addition to his work on campus, Easter also served his country and his community. He was a member of the U.S. Army Reserves for 20 years. President George W. Bush appointed him to Chair the Board on International Food and Agricultural Development. He also served on the Chicago Council on Global Affairs committee assigned to develop recommendations for the U.S. Farm Bill in 2002 and 2008. Easter chaired the Task Force on Antibiotic Resistance. He has advised two USAID international agricultural development projects.



## 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)