



FALL COMMENCEMENT

FRIDAY, DECEMBER 15, 2023
SATURDAY, DECEMBER 16, 2023

IOWA STATE UNIVERSITY

Dear Iowa State University Graduates and Guests:

Congratulations to all of the Fall 2023 graduates of Iowa State University!



Welcome to Iowa State University's Fall 2023 Commencement. Congratulations to all of the graduates, and thank you to everyone who played a role in their successful journey through Iowa State.

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

Iowa State is now in its 165th year as the state's only land-grant university. We are proud to be one of the most student-centered public research institutions in the country. Through our distinct mission of education, research, and extension, Iowa State is preparing students for fulfilling careers and lives and for meeting the needs of society. Iowa State graduates will become the professionals, entrepreneurs, and leaders of our state, nation, and world; and their future accomplishments will reflect the exceptional quality of this university. As you graduate today, we thank you for being a part of this wonderful tradition and for supporting Iowa State's legacy of excellence.

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

Sincerely,

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

*Wendy Wintersteen
President of the University*

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*Candidates listed in this program reflect information received by the Office of the Registrar as of November 16, 2023.
Listing in this program is not proof of graduation.*

THE OFFICIAL UNIVERSITY MACE

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

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

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



THE PRESIDENTIAL CHAIN OF OFFICE

The presidential chain of office 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

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 – *Drab*

Design – *Brown*

Engineering – *Orange*

Human Sciences – *Maroon*

Liberal Arts and Sciences

Bachelor of Arts – *White*

Bachelor of Liberal Studies – *White*

Bachelor of Music – *Pink*

Bachelor of Science – *Golden Yellow*

Veterinary Medicine – *Gray*

The hood gives color to the academic costume while its length indicates the wearer's academic degree. At Iowa State, hoods are worn by 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, DOCTORATE DEGREES

The Doctor of Philosophy and Doctor of Education are the university's highest academic degrees, 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" or "Doctor of Education." During the hooding ceremony, the degree recipients are escorted and hooded by their major professors who have worked with them throughout their study for the doctoral degree. The hoods will connect the graduate with a family of scholars throughout history and from all parts of the world.

SPECIAL RECOGNITION, ADVANCED DEGREES

Candidates for graduation for the Masters, Ph.D., or Ed.D. may be recognized with the Teaching Excellence Award or the Research Excellence Award.

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

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

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

§ Research Excellence Award

†† Teaching Excellence Award

SPECIAL RECOGNITION, UNDERGRADUATE DEGREES

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

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

the commencement program, this recognition appears on the official transcript and diploma.

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

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

*** Summa Cum Laude – with highest distinction
(cardinal and gold cord)

** Magna Cum Laude – with great distinction
(gold cord)

* Cum Laude – with distinction
(cardinal cord)

† Honors Program
(medallion)



Fall 2023

Graduate College
Commencement Ceremony
7:00 p.m., Friday, December 15, 2023
James H. Hilton Coliseum

GRADUATE COLLEGE COMMENCEMENT PROGRAM

7:00 p.m., Friday, December 15, 2023, James H. Hilton Coliseum

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

Processional

Pomp and Circumstance..... Edward Elgar

The Star-Spangled Banner..... Francis Scott Key
arr. by Michael Golemo
Allie Pauly, Vocalist

Opening Remarks President Wendy Wintersteen

Commencement Address Adam Schwartz,
Director of the U.S. Department of Energy
Ames National Laboratory;
Professor of Materials Science and Engineering

**Recognition of Students Receiving
Research Excellence Awards
Teaching Excellence Awards** Provost Jonathan Wickert

Conferring of the Degrees Doctor of Philosophy and Doctor of Education President Wendy Wintersteen
Candidates presented by William Graves,
Dean of the Graduate College

Conferring of the Master's Degree President Wendy Wintersteen
Candidates presented by William Graves,
Dean of the Graduate College

The Class of 2023 and the Alumni Association Jeffery Johnson
Lora and Russ Talbot Endowed President and CEO
Iowa State University Alumni Association

Closing Remarks President Wendy Wintersteen

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

Recessional
La Mourisque..... Tylman Susato

GRADUATE COMMENCEMENT CEREMONY

Platform Officials

Wendy Wintersteen, President of the University

Adam Schwartz, Director of the U.S. Department of Energy Ames National Laboratory; Professor of Materials Science and Engineering; and Commencement Speaker

Toyia Younger, Senior Vice President for Student Affairs

Shawn Norman, Senior Vice President for Operations and Finance

Dawn Bratsch-Prince, Interim Vice President for Diversity, Equity and Inclusion; Associate Provost for Faculty

Jodi McGill, Assistant Dean of Research and Graduate Students in the College of Veterinary Medicine; John G. Salsbury Endowed Chair in the College of Veterinary Medicine; and Associate Professor of Veterinary Microbiology and Preventive Medicine

Sarah Bennett-George, Associate Teaching Professor of Apparel, Events, and Hospitality Management in the College of Human Sciences; and Faculty Senate President

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

Jennifer Suchan, University Registrar

Jonathan Wickert, Senior Vice President and Provost
William Graves, Dean of the Graduate College; and Professor of Horticulture

Luis Rico-Gutierrez, Dean of the College of Design; Director of the Institute for Design Research and Outreach; and Professor of Architecture

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

Daniel Robison, Endowed Dean's Chair of the College of Agriculture and Life Sciences; Director of the Iowa Agriculture and Home Economics Experiment Station; and Professor of Natural Resource Ecology and Management

W. Samuel Easterling, James L. and Katherine S. Melsa Endowed Dean of the College of Engineering; and Professor of Civil, Construction and Environmental Engineering

Leslie Hogben, Associate Dean for Graduate Studies and Faculty Development in the College of Liberal Arts and Sciences; and Professor of Mathematics

Scott Johnson, Associate Dean for Research and Academic Personnel in the Ivy College of Business; Professor of Management and Entrepreneurship; and the Thome Professor in Business

Hilary Seo, Dean of Library Services; and Associate Professor of Library Services

Presenting Professors

Ossama Abdelkhalik, Aerospace Engineering ✧

Alice Alipour, Civil, Construction and Environmental Engineering

Sotirios Archontoulis, Agronomy ✧✧

Philip Becraft, Genetics, Development, and Cell Biology

Sarah Bentil, Mechanical Engineering

Michael Brown, School of Education

Joseph Burnett, Chemistry

Evgeny Chukharev, English

Vikram Dalal, Electrical and Computer Engineering ✧✧

Philip Dixon, Statistics ††

Jing Dong-O'Brien, Civil, Construction and Environmental Engineering

Rachel Eike, Apparel, Events, and Hospitality Management

Alyssa Emery, School of Education

Ann-Marie Fiore, Apparel, Events, and Hospitality Management ††

Jonathan Fox, Human Development and Family Studies ✧✧

Janice Friedel, School of Education

William Gallus Jr., Geological and Atmospheric Sciences

Benjamin Gleason, School of Education

Carmen Gomes, Mechanical Engineering

Bethany Gray, English

Linda Hagedorn, School of Education

Stephanie Hansen, Animal Science

Theodore Heindel, Mechanical Engineering ††✧✧

Andrew Hochstetler, Sociology and Criminal Justice

Adina Howe, Agricultural and Biosystems Engineering

Doug Jacobson, Electrical and Computer Engineering †† ✧✧

EunHu (Lena) Jeong, Apparel, Events, and Hospitality Management ✧✧

Nir Keren, Agricultural and Biosystems Engineering

Ashfaq Khokhar, Electrical and Computer Engineering ✧

James Koltjes, Animal Science

Elizabeth Kraayenbrink, Animal Science

Ratnesh Kumar, Electrical and Computer Engineering ✧✧

Jeffrey Kushkowski, Library

Margaret Laware, English

Carolyn Lawrence-Dill, Agronomy

Wei Le, Computer Science

Jeongeun Lee, Human Development and Family Studies

Thomas Lubberstedt, Agronomy ✧

Gustavo Macintosh, Biochemistry, Biophysics and Molecular Biology ✧✧
 Katherine Madson, Civil, Construction and Environmental Engineering
 Surya Mallapragada, Chemical and Biological Engineering ‡✧
 Joanne Marshall, School of Education
 Peter Martin, Human Development and Family Studies ‡‡
 Steve Martin, Materials Science and Engineering ‡ ‡‡
 Bradley Miller, Agronomy
 Mark Mba-Wright, Mechanical Engineering
 Marshall McDaniel, Agronomy
 James Michael, Mechanical Engineering
 Giancarlo Moschini, Economics ‡✧
 Ralph Napolitano, Materials Science and Engineering
 Gary Ockey, English ✧✧
 Brent Phares, Civil, Construction and Environmental Engineering
 Kelly Reddy-Best, Apparel, Events, and Hospitality Management
 Derrick Rollins, Chemical and Biological Engineering
 Orhan Sahin, Veterinary Diagnostics and Production Animal Medicine
 Dipali Sashital, Biochemistry, Biophysics and Molecular Biology

Joshua Selsby, Animal Science
 Asheesh Singh, Agronomy ✧
 Travis Sippel, Mechanical Engineering
 Scott Smalley, Agricultural Education and Studies
 Michelle Soupir, Agricultural and Biosystems Engineering
 Richard Stone, Industrial and Manufacturing Systems Engineering
 Peter Taylor, Civil, Construction and Environmental Engineering
 Michael Thompson, Agronomy
 Udoyara Tim, Agricultural and Biosystems Engineering
 Geetu Tuteja, Genetics, Development, and Cell Biology ✧✧
 Gregory Tylka, Plant Pathology, Entomology and Microbiology ☞
 Steven Whitham, Plant Pathology, Entomology and Microbiology
 Eliot Winer, Mechanical Engineering
 Susan Wohlsdorf-Arendt, Apparel, Events, and Hospitality Management
 Jianqiang Zhang, Veterinary Diagnostics and Production Animal Medicine

Faculty Marshals

William Beck, Assistant Professor of Natural Resource Ecology and Management, College of Agriculture and Life Sciences
 C. Lee Burras, Morrill Professor of Agronomy, College of Agriculture and Life Sciences ☞✧
 Tim Derrick, Professor of Kinesiology, College of Human Sciences ✧
 Elnaz Ebrahimi, Assistant Teaching Professor of Agronomy, College of Agriculture and Life Sciences
 Brian Hornbuckle, Professor of Agronomy, College of Agriculture and Life Sciences
 Doug Jacobson, University Professor of Electrical and Computer Engineering in the College of Engineering; and Sunil & Sujata Gaitonde Professorship in Cybersecurity ‡‡✧✧

Charles Jahren, Morrill Professor Emeritus of Civil, Construction, and Environmental Engineering, College of Engineering ☞✧
 Michael Martin, Associate Professor of Landscape Architecture, College of Design ✧
 Janette Thompson, Morrill Professor of Natural Resource Ecology and Management, 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

Hollis Monroe

Sriram Sundararajan

Musicians

CONDUCTOR **Michael Golemo**, Director of Bands

STUDENT VOCALIST **Allie Pauly**

EUPHONIUM
Daniel Brumm
Garrett Nook

PERCUSSION
Joe Fischer
Eric Paskach

TRUMPET
Jacob Aldrich
Hope Anderson
Derek Friederichs
Rebecca Gomez*
Sam Hanson
Luke Harms
Ben Kovarna
Arthur Lubberstedt
Clay Willadsen

TUBA
Samuel Hauser*
Peter Jaynes
Andrew Stapleton

HORN
Sarah DenHerder
Bethany Kallio
Kyle Laake
Nathan Morton
Savannah Niec
Kjersten Ouverson
Nathaniel Suddarth

TROMBONE
Will Forbes
Keven Goepel
Andrew King
Evalitzky Ruiz

GRADUATING MUSICIANS



Rebecca Gomez



Samuel Hauser

* *Graduating Student*

GRADUATE COLLEGE COMMENCEMENT SPEAKER

Adam Schwartz, Director of the U.S. Department of Energy Ames National Laboratory; Professor of Materials Science and Engineering

Adam Schwartz, Ph.D., is in his 10th year serving as director of Ames National Laboratory, a U.S.



Department of Energy (DOE) national laboratory with the mission to provide critical materials solutions to the nation. As director, Dr. Schwartz oversees 65 million dollars annually in research projects funded by the DOE's Office of Science, the nation's largest single supporter of basic research in the United States.

Ames National Laboratory supports the Department of Energy mission to address the nation's energy and environmental challenges through transformative science and technology solutions. He is the fifth director in the 76-year history of the laboratory and recently finished serving a two-year term on the Executive Committee of the National Laboratory Directors' Council. As a national laboratory director and professor of materials science and engineering at Iowa State University, Dr. Schwartz is frequently called upon by academia, industry, and legislators to provide insight and advice on topics relating to critical materials and their implications for national security and prosperity. He has testified twice to Congress on the Future of Materials Research and Research and Innovation to Address the Critical Materials Challenge.

Prior to joining Ames National Laboratory in 2014,

Dr. Schwartz had nearly 23 years of materials science research and management experience at Lawrence Livermore National Laboratory (LLNL) in Livermore, California, that spanned physical metallurgy to condensed matter physics with a particular focus on stability and transformations in material structures and the electronic structure of actinides and lanthanides, two groups of elements of particular interest in energy sciences. He was Division Director for the Condensed Matter and Materials Division and held leadership positions for Plutonium Aging, Dynamic Properties of Materials, and Physics and Engineering Models programs. Dr. Schwartz also led the LLNL team during the developmental stage of the Critical Materials Energy Innovation Hub (CMI), led by Ames National Laboratory, which accelerates innovative scientific and technological solutions to create resilient and secure supply chains for rare-earth metals and other materials critical to the success of clean energy technologies. He then continued in CMI as the Developing Substitutes Focus Area Leader. In this role, he leveraged his scientific expertise and technical management to drive the invention of substitute materials.

Dr. Schwartz has authored over 100 journal articles, monographs, book chapters, technical reports, and has co-edited two editions of the book *Electron Backscatter Diffraction in Materials Science*. Dr. Schwartz holds B.S. and M.S. degrees in metallurgical engineering and a Ph.D. in materials science and engineering, all from the University of Pittsburgh.

GRADUATE COLLEGE STUDENT MARSHAL

Krysten Amanda Craft

Hometown: Bellevue, Nebraska

Major: Animal Science



Krysten's doctoral scholarship focused on nutritional immunology of poultry. She studied bioactive components in poultry feed and their capacity to prevent diseases caused by parasites and bacteria.

Krysten joined the Graduate College after earning a bachelor's degree at the University of Nebraska at Lincoln in 2016. She earned a master of science in 2019 from Iowa State University and continued as a doctoral student.

Krysten's scholarly outputs include 13 papers in refereed journals and 20 research abstracts. She has received numerous awards, including a Research Certificate of Excellence from the Poultry Science Association and the David R. Griffith Award from Iowa State's Nutritional Sciences Council, which recognized Krysten's exceptional and unique research contributions. In 2019, Krysten was inducted into the Gamma Sigma Delta honor society.

Her productivity in research and exceptional performance in coursework did not curtail Krysten from contributing to the learning of others. She mentored more than 20 undergraduate students and was a teaching assistant for some of the most challenging courses in the animal science undergraduate curriculum.

Krysten is planning to pursue a research and development career in the animal health industry.

University Escort: Elizabeth Bobeck, Associate Professor, Department of Animal Science

GRADUATE COMMENCEMENT VOCALIST & DIRECTOR OF BANDS

Allie Pauly, Graduate Commencement Vocalist

Allie Pauly is a third-year student at Iowa State University who has a deep passion for music. She is a dedicated soprano who is studying vocal music education under Associate Professor of Music, Mary Creswell. Allie has already received recognition for her talent, including a scholarship from the Ames Guild of the Des Moines Metropolitan Opera. In addition, she serves as the Vice President of Ritual for Sigma Alpha Iota, a music fraternity, and is an active member of the Iowa State Singers and the Music Student Representative Council. Allie can't wait to continue her journey at Iowa State University for another year.



Dr. Michael Golemo, Director of Bands

Michael Golemo has been the Director of Bands at Iowa State University since 1999. From 2005 to 2017, he also served as the Chair for the Department of Music and Theatre. In addition to conducting the Wind Ensemble and the Symphonic Band, he teaches courses in conducting and oversees a program of eleven bands.



A native of Chicago, he received his Bachelor of Music Education and Master of Music degrees from Northwestern University. He completed his doctorate in wind conducting at Michigan State University. He previously served as Assistant Director of Bands at The University of Akron (OH) and prior to that as Director of Bands at Albion College (MI).

With over 400 instrumental arrangements, transcriptions and compositions to his credit, Dr. Golemo has had works performed by a variety of performers and ensembles – from Carnegie Hall to Russia – including Wynton Marsalis, Anita Baker, Simon Estes, the Akron Symphony, and the Des Moines Symphony. He has

arranged music for high school and college marching bands and often writes for the Iowa State University “Cyclone” Marching Band. His music is published by Ludwig Music Publishers, Dorn Publications, Santa Barbara Music Publishers, Alliance Music Publishing, Daehn Publications, C.L. Barnhouse Publishing, Great Works Publishing, and Timeworks LLC.

Dr. Golemo stays active nationally and internationally as a guest conductor, clinician, and adjudicator. He has conducted all-state bands in Iowa, Nebraska, Louisiana, Idaho, and New Mexico. He has contributed articles to a variety of journals and publications including *The Instrumentalist*, *The Journal of the Association of Concert Bands*, *The Podium*, *The Journal of the North American Saxophone Alliance*, and *Teaching Music Through Performance in Band*.

He has received several notable awards, including the Iowa State University Alumni Association's Superior Service to Alumni Award, the Iowa State College of Liberal Arts & Sciences' Outstanding Achievement in Departmental Leadership Award, and Kappa Kappa Psi's Distinguished Service to Music Medal, which is that organization's highest honor. In 2021, he was awarded the distinguished title of University Professor at Iowa State.

CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Major in Aerospace Engineering

Habeebullah Abdulkadir *Ilorin, Nigeria*
DISSERTATION: Control co-design of
heterogeneous arrays of wave energy converters
†† Chukwudum N. Eluchie *Lagos, Nigeria*
DISSERTATION: Experimental investigation
on surface topography treatments for icing
mitigation systems

Hang Li *Saint Louis, Mo.*
††§ Mohamed A. Shabara *Alexandria, Egypt*
DISSERTATION: Modeling and optimal control of
flexible wave energy converters

Major in Agricultural and Biosystems Engineering

Ario Kordestani *Jackson, Minn.*

Major in Analytical Chemistry

†† Sommer Osman *Lafayette, La.*
DISSERTATION: Electrokinetic platforms for the
enrichment and detection of biological targets

Major in Animal Breeding and Genetics (Quantitative Genetics)

†† Cori Jeanne Cooper *Ames, Iowa*

Major in Animal Science

§ Krysten Amanda Craft *Bellevue, Neb.*
DISSERTATION: Implementing physiological,
subclinical, and clinical disease challenge models
to evaluate feed ingredient mechanisms of action
on immunity and the intestinal microbiota in the
broiler chicken

Dathan Thomas Smerchek *Rosholt, Wis.*

Major in Apparel, Merchandising, and Design

Rawan Mohammed Alghamdi *Albaha, Saudi Arabia*
DISSERTATION: Factors impacting Saudi women's
adoption of non-traditional dress for use in
public: An application of the theory of planned
behavior

Jessica May Ciarla *Austin, Tex.*
DISSERTATION: Sustainable natural textiles:
Upcycling paperboard and denim waste into non-
woven textiles for the design of a fashion tote bag

Major in Applied Linguistics and Technology

†† Emily Nicole Dux Speltz *Pella, Iowa*
DISSERTATION: Developing and evaluating
an approach to individualized, automated,
process-focused feedback for university writing
instruction

†† Reza Neiriznaghadehi *Ames, Iowa*
DISSERTATION: Eliciting interactive oral
communication samples through a spoken
dialogue system to measure interactional
competence

Major in Biochemistry

§ Yukti Dhingra *New Delhi, India*

DISSERTATION: Structural and biochemical characterization of Cas4 containing adaptation complexes in type I-C and I-G CRISPR-Cas immune systems

Jacques Naushea Marie Lowe *Sacramento, Calif.*

DISSERTATION: Employing solution NMR for structural interrogation of the Btk SH2 domain to understand its role in kinase activation

§ Chang Yong Oh *Sejong, South Korea*

DISSERTATION: Novel platform for gene delivery using self-assembling DNA nanotechnology

Major in Bioinformatics and Computational Biology

§ Jia Liu *Hohhot, China*

DISSERTATION: Improve the detection of key nitrogen cycling genes from agricultural soil systems

Shatabdi Sen

Ames, Iowa

§ Thi Hong Ha Vu *Hanoi, Vietnam*

DISSERTATION: Modeling and integration of multi-omics data to study regulatory landscapes governing placenta development

Major in Bioinformatics and Computational Biology (Predictive Plant Phenomics)

Colleen Frances Yanarella *Oceanport, N.J.*

DISSERTATION: Computational methods for association studies utilizing free-text and spoken plant phenotype descriptions

Major in Business and Technology (Management)

José Roberto Beltran *Las Cruces, N. Mex.*

DISSERTATION: Perspectives in strategic leadership: Charting the past and forging new frontiers

Major in Chemical Engineering

Joseph Eugene Hadel *Olathe, Kans.*

DISSERTATION: Bioenabled copolyamides from the chemical diversification of muconic acid derivatives

Major in Chemistry

Philip Eor *Daejeon, South Korea*

Major in Civil Engineering (Construction Engineering and Management)

Bukola Comfort Oni *Lagos, Nigeria*

DISSERTATION: Implications of inland waterway maintenance: A comprehensive evaluation of maintenance decisions and delay costs

Major in Civil Engineering (Intelligent Infrastructure Engineering)

Smrithi Ajit *Laramie, Wyo.*

DISSERTATION: Evaluation of the real-world impacts of crash safety ratings on crash severity

Andalib Shams *Khulna, Bangladesh*

Major in Civil Engineering (Structural Engineering)

Abdalla Waleed Alomari *Beavercreek, Ohio* ††§ Saransh Dikshit *Kanpur, India*
DISSERTATION: Advancing bridge engineering:
From state-of-the-practice to state-of-the-art

Major in Civil Engineering (Transportation Engineering)

Brianna P. Lawton *Columbia, Md.* Maroa Mumtarin *Bangladesh*

Major in Computer Engineering

†† Megan Kay Ryan *Cedar Rapids, Iowa*

Major in Computer Engineering (Computing and Networking Systems)

Duo Zhang *Beijing, China*

Major in Computer Engineering (Secure and Reliable Computing)

§ Shahnewaz Karim Sakib *Sylhet, Bangladesh*

Major in Computer Science

Ashwin Kallingal Joshy *Kochi, India* Mohammed Ismael Khaleel *Framingham, Mass.*
DISSERTATION: Analyzing code fragments for
faults

Major in Economics

Huanping Fan *Jinan, China*

Major in Education

Kabongwe Gwebu *Ames, Iowa*
DISSERTATION: Unveiling the racism within: Black
Chief Diversity Officers' experiences with race
and racism at Predominantly White Institutions

Major in Education (Educational Leadership)

Brandon Lamar Clark *Spokane, Wash.*
DISSERTATION: Educational leadership in The
Bahamas: A postcolonial Indigenous narrative
study of school principals' leadership experiences

Major in Electrical Engineering

Gang Wu *China*

Major in Electrical Engineering (Microelectronics and Photonics)

Raghunandan B. Iyer *Bangalore, India*
DISSERTATION: Nano-optical and paramagnetic
investigations of optoelectronic heterostructures

Major in Electrical Engineering (Systems and Controls)

††§ Ramij Raja Hossain *Kolkata, India*

Major in Electrical Engineering (Very Large Scale Integration)

Matthew Ryan Strong *Honey Creek, Iowa*
DISSERTATION: Design techniques for safe, reliable,
and trustworthy analog circuits

§ Junyao Tang *Guangzhou, China*
DISSERTATION: Power management integrated
circuit designs with hysteretic control techniques

Major in Entomology

Braymond Virgil Adams III *Omaha, Neb.*
DISSERTATION: Heavy metal movement through
insect food chains in pristine thermal springs of
Yellowstone National Park

Major in Fisheries Biology

Martin Albert Simonson *Grand Rapids, Mich.*

Major in Genetics and Genomics

§ Tori Rudolph *Burlington, Wis.*

Major in Genetics and Genomics (Computational Molecular Biology)

Ronald Blythe Schultz III *Santa Fe, Tex.*
DISSERTATION: Utilization of biotechnology,
including CRISPR/Cas9, to improve production
efficiency in swine

Major in Gerontology

††§ Natasha Lina Nemmers *Britt, Iowa*
DISSERTATION: Living alone in later life:
Understanding independence, adaptation, and
well-being in the face of impairment using the
National Health and Aging Trends Study

Major in High Energy Physics

§ Maria Martinez Casales *Monterrey, Mexico*
DISSERTATION: Constraining neutrino interaction
uncertainties for oscillation measurements in the
NOvA experiment using Near Detector data

Miranda Jean Rabelhofer *Milton, Wis.*
DISSERTATION: Study of neutron detector response
and related systematic uncertainties in the NOvA
oscillation analysis

Major in Hospitality Management

†† Warren David Johnson *Grayson, Ky.*
†† Yann-Guenter Queckenstedt *Perpignan, France*

Veer V. Rege *Barrington, R.I.*

Major in Human Computer Interaction

Md Imtiajul Alam *Dhaka, Bangladesh*
Heidi Doellinger *Newton, Iowa*

††§ Manuela Ellen Faulhaber *Lahr, Germany*
Jesse Alan Lane *Des Moines, Iowa*

Major in Human Development and Family Studies

§ Gina Lee *Goyang-si, South Korea*
DISSERTATION: Examining the relations of
loneliness, psychosocial resources, and functional
well-being among oldest-old and older adults

Major in Industrial and Agricultural Technology

Angela E. Leek *Norwalk, Iowa*
DISSERTATION: The hidden factor: Characterizing the influence of responder mental models on the quality of radiological dispersal device incident response

Major in Industrial Engineering

Pallavi Dubey *New Delhi, India*
DISSERTATION: Deep Learning-Powered visual inspection for metal surfaces: A systemic image-centric approach for small size defect detection

§ Yanhua Huang *Jinan, China*
DISSERTATION: Hydroponic system customization and sensor integration for operation optimization and physiology study

§ Zahra Khalilzadeh
§ Eric David Weflen

Tehran, Iran
Stillwater, Minn.

Major in Materials Science and Engineering

Madison Patricia Olson *Madrid, Iowa*
DISSERTATION: Development of highly processable sodium glassy solid-state electrolytes for all solid-state batteries

§ Chaochao Pan *Nanjing, China*
DISSERTATION: Studies of physical properties in Cu composites and alloys

§ Noah James Welch

Urbandale, Iowa
DISSERTATION: The influence of composition, microstructure, and surface modification on the oxidation behaviors of novel Ta-Ti-Cr refractory complex concentrated alloys

Major in Mechanical Engineering

Yongsuk Cho *Daejeon, South Korea*
DISSERTATION: Multi-scale simulations of biomass particle pyrolysis using lattice Boltzmann method

Livio Gamba *Sotto, Ill.*
DISSERTATION: Advancing aerosol jet printing via ink formulation engineering and multi-material printing

Prashant Pawan Gargh *Agra, India*
Justin Andrew Lajoie *Ankeny, Iowa*
DISSERTATION: Microwave ignition and combustion control of 3D printed solid rocket propellant via binder additives, macro- and micro-scale metal and metal oxides

Tian Lan *Memphis, Tenn.*
DISSERTATION: Exploring various electrocatalysts and synthesis techniques in the context of the Hydrogen Evolution Reaction

Abdullah M. Maghfuri *Jazan, Saudi Arabia*
DISSERTATION: Machine learning applications for the optimization of renewable energy systems

Fahad Sulaiman M. Obaid *Mecca, Saudi Arabia*
DISSERTATION: Premature Rayleigh jets in a millimeter-scale water drop levitated in a strong electric field

Olumide O. Olafasakin *Lagos, Nigeria*
DISSERTATION: Pyrolysis to transportation fuel: Economic feasibility and environmental impacts of biomass and plastic waste as feedstocks††§

Roy Andrew Pillers *Rochester, Minn.*
DISSERTATION: Experimental analysis of plunging jet systems using backlit and x-ray imaging

Kuan-Chuen Wu *Mankato, Minn.*

Major in Mechanical Engineering (Predictive Plant Phenomics)

Fateme Fotouhi *Shiraz, Iran*
DISSERTATION: Deep Learning for autonomous intelligent agents

Major in Microbiology

§ Kruttika Phadke *Navi Mumbai, India*

Major in Molecular, Cellular and Developmental Biology

†† Norin Yasin Chaudhry *Lahore, Pakistan*
DISSERTATION: Role of lysosome-associated membrane protein, Lamp1, in *Drosophila melanogaster*

Major in Plant Biology

Bibechana Adhikari *Lalitpur, Nepal*

Major in Plant Biology (Predictive Plant Phenomics)

Tanner Michael Cook *Tipton, Iowa*
DISSERTATION: Development of in vitro tools to evaluate meiosis induction

Major in Plant Breeding

Yu-Ru Chen *Taipei City, Taiwan*
DISSERTATION: Genomic prediction and doubled haploid technology in maternal haploid inducer breeding

Major in Plant Breeding (Predictive Plant Phenomics)

Tyler Lee Foster *Shelbina, Mo.*
DISSERTATION: Advancements of spontaneous haploid genome doubling (SHGD) via haploid male fertility (HMF) in Maize (*Zea mays* L.) for doubled haploid (DH) breeding

Major in Plant Pathology

§ Monica Gayle Pennewitt *Wilmington, Ohio*

§ Aline Sartor Chicowski *Johnston, Iowa*
DISSERTATION: Investigating effector-host molecular interactions in the Soybean-Phakopsora Pachyrhizi Pathosystem

Major in Population Sciences in Animal Health

†† Magalhaes Junior De Souza *Uberlandia, Brazil*

Major in Soil Science (Soil Management)

Luis F. Bentancor Bossio *Montevideo, Uruguay*
DISSERTATION: Soil change across Iowa: From the land to the lab to the map

Major in Statistics

§ Ricardo Batista *Menlo Park, Calif.*
†† Eryn Blagg *Omaha, Neb.*

DISSERTATION: Methods for spatial hierarchical generalized linear mixed models

Paul Stephen Morris *Hudson, N.H.*
§ Zhili Qiao *Wuhan, China*

Yifan Wang *Beijing, China*
Lijin Zhang *Shanghai, China*
DISSERTATION: Convergence analysis of manifold MALA with application to generalized linear mixed models

Major in Veterinary Microbiology (Preventive Medicine)

§ Jinji Pang *Tonghua, China*
DISSERTATION: Influence of gut microbiota on
Campylobacter colonization and antimicrobial
resistance development in the chicken host

Multiple Curricula and Majors

Shakil Ahmed *Tangail, Bangladesh*
DISSERTATION: Performance enhancement of
next generation wireless technology using
reconfigurable intelligent surfaces

MAJORS: Computer Engineering (Computing and
Networking Systems) and Electrical Engineering

§ Nazik Citir-Razavi *West Des Moines, Iowa*
DISSERTATION: Deep Learning approaches in data-
driven pavement performance analysis and asset
management

MAJORS: Civil Engineering (Intelligent
Infrastructure Engineering) and Civil
Engineering (Structural Engineering)

§ Long He *Chongqing, China*
DISSERTATION: Designing and evaluating an
augmented reality learning activity for embodied
understanding of the seasons

MAJORS: Education and Human Computer
Interaction

†† Ala Ali Khaleel *Ames, Iowa*
MAJORS: Soil Science (Soil Chemistry) and
Environmental Science

§ Robert Lewis Philpott III *Tallahassee, Fla.*
DISSERTATION: Incorporating ethical, social and
environmental concerns into decision making
with value added modeling

MAJORS: Aerospace Engineering and Human
Computer Interaction

§ Alex Raymond Renner *Lincoln, Neb.*
DISSERTATION: A visual process simulation for
novice users of desktop 3D printers to reduce
part defects

MAJORS: Mechanical Engineering and Human
Computer Interaction

§ Kumar Saurabh *Gorakhpur, India*
DISSERTATION: Scalable adaptive framework for
next generation multiphysics flow simulation
MAJORS: Mechanical Engineering and Computer
Engineering

Shulan Xiao *Liaocheng, China*
MAJORS: Meat Science and Food Science and
Technology

MASTER OF ACCOUNTING

Major in Accounting (Financial Reporting & Assurance)

Keaton James Clay *Urbandale, Iowa*

Marla Jo Grubb *Ellsworth, Iowa*

Major in Accounting (Information Systems and Analytics)

Jackson Matthew Barsley *Naperville, Ill.*
Sydney Branstetter *Waukee, Iowa*
Jordan Marantha Brocco *Waterloo, Iowa*

Alan Eduardo Castaneda *Des Moines, Iowa*
Yang Liu *Ames, Iowa*
Kayla Renee McCormick *Steward, Ill.*

Major in Accounting (Tax)

Rebecca Jo Black *West Des Moines, Iowa*
Emily Debra Box *West Point, Iowa*
Skyler John Groen *Algona, Iowa*

Faye Elizabeth Meyer *Ames, Iowa*
Tan Minh Nguyen *Carol Stream, Ill.*
Kylie Anne Tjernagel *Roland, Iowa*

MASTER OF ARCHITECTURE

Major in Architecture

Hamid Akhtarkavan
Ehsan Ghaderi
Hamidreza Khademi
Sandeep Suresh Kumar

Tehran, Iran
Tehran, Iran
Ames, Iowa
Kerala, India

Shaghayegh Navaianghasemi
Maryam Shahabi
THESIS: Assessing restaurant consumers' food safety comments on social media
Ames, Iowa
Tehran, Iran

MASTER OF ARTS

Major in Anthropology

Alexander Gregory Cullison
THESIS: Thinking about "US": Liberal nationalism and political organizing in Central Iowa
Ames, Iowa

Major in History

Hannah Marie Carlson
Ames, Iowa

Major in Interior Design

Andrea Stefania Burbano Hernandez
†† Aaron DeBoer
Cucuta, Colombia
Minneapolis, Minn.

Sheema Nemati
THESIS: The influence of indoor study spaces design on students in higher education: A study towards enhancing student's performance and productivity in common area seating spaces
Lubbock, Tex.

Major in Political Science

Logan Dean Hull
Boone, Iowa

Major in Teaching English as a Second Language/Applied Linguistics (Corpus and Computational Linguistics)

Viacheslav Vovchenko
Russia

MASTER OF BUSINESS ADMINISTRATION

Major in Business Administration

Kylie Kristine Cooper
Jillian Claire Dunlap
Nicholas Embray
Rachel Faircloth
Blaine, Minn.
Fairfield, Iowa
Glenwood, Iowa
Haverhill, Iowa

William O'Donnell Rowan III
Kegan Nicole Wall
Alan Wang
Des Moines, Iowa
Quincy, Ill.
Iowa City, Iowa

Major in Business Administration (Finance)

Jack Mathew Garber
Conrad, Iowa

Major in Business Administration (Information Systems)

Bo Huang *Ames, Iowa*

Major in Business Administration (Leadership)

Chad J. Schechinger *Harlan, Iowa* Nicholas Miles Yowell *Iowa City, Iowa*

Multiple Curricula and Majors

Debora De Mattos Brittes *Campinas, Brazil*
MAJORS: Business Administration and Business
Administration (Business Analytics)

MASTER OF BUSINESS ANALYTICS

Major in Business Analytics

Bradley Andreas Jones *Waterloo, Iowa* Katelyn Faye Oolman *Newport Coast, Calif.*

MASTER OF COMMUNITY AND REGIONAL PLANNING

Major in Community and Regional Planning

Romina Tafazzoli *Bojnord, Iran*

MASTER OF ENGINEERING

Major in Agricultural and Biosystems Engineering

Jia-Hao He *Taipei City, Taiwan*

Major in Civil Engineering

Sinan Kefeli *Golbasi, Turkey*

Major in Civil Engineering (Environmental Engineering)

Jarrett Morrison *Urbandale, Iowa*

Major in Computer Engineering

Long P. Ly *West Des Moines, Iowa* Eranda Lalanath Sooriyarachchi *Colombo, Sri Lanka*
Allison Ann Porter *West Des Moines, Iowa* Soma Szabo *Székesfehérvár, Hungary*

Major in Cyber Security

Sarah Schoeberle Dunne *Madison, Wis.* Siyu Wang *Ames, Iowa*
Tyler Daniel Much *Ames, Iowa*

Major in Electrical Engineering

Brandon Lance Degeneffe Joseph Fanelli	Ames, Iowa Doylestown, Pa.	Carter Alexander McCarthy Linjiang Wu	Dubuque, Iowa Wuhan, China
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Major in Engineering Management

William Joseph Atkisson	Omaha, Neb.
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Major in Industrial Engineering

Sylvia Rae Knight	Plainfield, Ill.
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Major in Mechanical Engineering

Zane Sheridan Coates Seth Gregory Lang	Midwest City, Okla. Newport, Ky.	Bryan Van Belle	Lethbridge, Canada
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Major in Systems Engineering

Hiba M. Ali	Ames, Iowa
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MASTER OF FAMILY AND CONSUMER SCIENCES

Major in Family and Consumer Sciences (Dietetics)

Virginia Brown	Cedar Falls, Iowa	Rachel Case	Erie, Colo.
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Major in Family and Consumer Sciences (Family Financial Planning)

Jill Morehead	Des Moines, Iowa	Veronica Ouya	Des Moines, Iowa
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Major in Family and Consumer Sciences (Youth Development)

Brynna Rose Baumhover Abby Annette Boysen	Webster City, Iowa Wapello, Iowa	Emily Rose Damro Mason Craig Tomblin	La Porte City, Iowa Wooster, Ohio
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MASTER OF FINANCE

Major in Finance

Peyton R. Parker Kyle Alvin Schmidt	Panora, Iowa Johnston, Iowa	Jared Thomas Schroeder	Sioux City, Iowa
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MASTER OF FINE ARTS

Major in Integrated Visual Arts

†† Katie Ann DuVal Mihelich Alyssa Jo Killin	Ames, Iowa Des Moines, Iowa	§ Amenda Jane Tate	West Des Moines, Iowa
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Major in Interior Design

Eunjung Choi

Ames, Iowa

MASTER OF HEALTHCARE ANALYTICS AND OPERATIONS

Major in Healthcare Analytics and Operations

Joseph Clemente Baeza

Munster, Ind.

Kelly A. Boesenberg-Smith

Ankeny, Iowa

MASTER OF HUMAN COMPUTER INTERACTION

Major in Human Computer Interaction

Kaleigh Carlone

Denver, Colo.

Timothy Irby

Dallas, Ga.

Jean-Marc Richard Cassier

Richmond, Va.

Jenna Hoeun Lee

McKinney, Tex.

Analiiese Gale

Ardmore, Pa.

Grace Maloney

Waukee, Iowa

Steven Michael Alexander Galik

Denver, Colo.

Hannah Markgren Kinley

Madison, Wis.

Chase Michael Hart

Denver, Colo.

Marrisa Yang

Plano, Tex.

MASTER OF INDUSTRIAL DESIGN

Major in Industrial Design

Rachel Schmitz

Marquette, Iowa

Wei Zhong

Changzhou, China

Harris Robert Seabold

Ames, Iowa

MASTER OF PROFESSIONAL PRACTICE IN DIETETICS

Major in Professional Practice in Dietetics

Gelline Lois Galgana

Hanford, Calif.

Elizabeth Potts

Hulbert, Okla.

Emily Mae Schlueter Patterson

Shakopee, Minn.

Madison Jo Sickels

Bedford, Iowa

MASTER OF REAL ESTATE DEVELOPMENT

Major in Real Estate Development

Cameron Reece Miller

West Des Moines, Iowa

MASTER OF SCIENCE

Major in Agricultural and Biosystems Engineering

§ Joel Huerta-Musil *Texcoco, Mexico*

Major in Agricultural Education

Kennedy LeAnne Early *Leeton, Mo.* Sierra Lynn Kaufman *Montezuma, Iowa*
Jason D. Holt *Spencer, Iowa*

Major in Agricultural Meteorology

Madelynn J. Wuestenberg *Slater, Iowa*

Major in Agronomy

Benjamin Joseph Althoff *Hannibal, Mo.* David William Kepner *Waunakee, Wis.*
Madison Rose Barnes *Alta, Iowa* Carolyn Irene King *Keota, Iowa*
Christopher Lee Creguer *Unionville, Mich.* Steven Charles Mathews *New York, N.Y.*
Travis William Herzberg *Wellington, Mo.* Gunner Quay May *Camden, Ark.*
Makala Jade Humphrey *Pink Hill, N.C.*

Major in Animal Breeding and Genetics

Leonora Mae James *Carlisle, Iowa*

Major in Animal Physiology (Ethology)

Lindsay Kate Peters *Scribner, Neb.*

Major in Animal Science

Amy Michelle McLaughlin *Unionville, Mo.*
THESIS: Evaluation of nutritional strategies in
growing and finishing feedlot diets

Major in Apparel, Merchandising, and Design

Cindy Lizbeth Martinez *Omaha, Neb.*

Major in Applied Mathematics

Christopher E. Kunz *West Des Moines, Iowa*
Tanzim Rahat *Dhaka, Bangladesh*

Major in Biochemistry

Gage Christian Clabaugh *Urbandale, Iowa*
THESIS: SARS-CoV-2 spike trimer complexed with
a durable neutralizing antibody 6C6 fab

Major in Biomedical Sciences

Larsa H. Alobaidi *Waukee, Iowa* Armin Muzaferovic *Waterloo, Iowa*
Emily Rose Becker *Farmington Hills, Mich.* Samantha Alivia Paul *Sioux City, Iowa*
Gabriele Michele Burke *Ames, Iowa* Jonah Ross Pedelty *Clear Lake, Iowa*
Seth Evan Diehl *Johnston, Iowa* Saima Perveen *Ames, Iowa*
Zeina Miari *Ankeny, Iowa* Macy Marie Pollard *Hastings, Minn.*
Katie Jo Isabelle Middaugh *Sioux City, Iowa* Ethan Majid Sabri *West Des Moines, Iowa*

Kalen D. Wilkins

Ames, Iowa

Emma Grace Williams

Ames, Iowa

Major in Biophysics

Christopher J. Gayvert

Fairport, N.Y.

Major in Chemical Engineering

Saman Ghazvini

Tabriz, Iran

THESIS: Predicting the onset of preeclampsia by longitudinal monitoring of metabolic changes throughout pregnancy with Raman spectroscopy

Major in Civil Engineering (Civil Engineering Materials)

Md Lutfor Rahman

Rajshahi, Bangladesh

THESIS: Electrically conductive concrete heated pavement system: Challenges and solution

Major in Civil Engineering (Construction Engineering and Management)

Tanmoy Sarkar

Ghatshila, India

THESIS: Evolution of LEED rating system along with shifting baseline of sustainability

Major in Civil Engineering (Environmental Engineering)

Daria Dilparic

Evansdale, Iowa

Nicole Pennie Martindale

Gretna, Neb.

Major in Civil Engineering (Structural Engineering)

Rabia Afzal

Cedar Falls, Iowa

THESIS: Assessment, repair, and replacement of bridges subjected to fire

Amilcar Antonio Del Rio Saavedra

Panama, Panama

THESIS: Innovative pier-pile cap-pile precast system for ABC application

Major in Civil Engineering (Transportation Engineering)

Kojo Konadu Adu-Gyamfi

Koforidua, Ghana

THESIS: Automatic extraction of relevant road infrastructure using connected vehicle data and deep learning model

Xi Wei

Lanzhou, China

THESIS: Leveraging connected vehicle telematics for high-speed signalized intersection safety: A quantitative analysis of hard-braking events and crash occurrences

Major in Computer Engineering

Koffi R. Adohinzin

Wayne, Neb.

Chen Shi

Suwanee, Ga.

THESIS: LibDroid: Summarizing information flow of Android Native Libraries via static analysis

Major in Computer Engineering (Computing and Networking Systems)

Abdullah

Islamabad, Pakistan

Joseph Charles Kenkel

Panama, Iowa

Varenyu Dhumantaroo

Hyderabad, India

Sean Vincent McFadden

Waterloo, Iowa

Major in Computer Engineering (Secure and Reliable Computing)

Abir Mojumder

Ames, Iowa

Major in Computer Engineering (Software Systems)

Mohamed Saajid

Chennai, India

Major in Computer Science

Michael Qi Yin Chen *Kolkata, India*
Fateme Fotouhi *Shiraz, Iran*
 THESIS: Hierarchical transfer learning for small
 object detection
Sayantani Ghosh *Kolkata, India*
Nathan E. Hergenreter *Fort Dodge, Iowa*
 THESIS: Seen/Unseen classification using feature
 vector analysis

Benjamin Yen Kit Lee *Ames, Iowa*
Mingdian Liu *Xuzhou, China*
Jacob Robert Pratt *Iowa City, Iowa*
Md Mahbubur Rahman *Cumilla, Bangladesh*
 THESIS: Towards causal deep learning for
 vulnerability detection
Shuhan Yang *Luyi, China*

Major in Cyber Security

Benjamin David La Van *Grimes, Iowa* Tracy Lynn La Van *Grimes, Iowa*

Major in Electrical Engineering (Communications and Signal Processing)

Daeyoo Kim *Seoul, South Korea*

Major in Electrical Engineering (Electric Power and Energy Systems)

Chaonan Yang *Xuzhou, China*

Major in Electrical Engineering (Microelectronics and Photonics)

Margaret Ann Heaslip *Rockford, Ill.*

Major in Electrical Engineering (Very Large Scale Integration)

Harshithaa Murali Aiyer *Ahmedabad, India*

Major in Entomology

Benjamin Lloyd Kolbe *Sac City, Iowa*
 THESIS: Soybean gall midge control research
 efforts

Major in Environmental Science

Psalm Solomon Blaine Amos *Des Moines, Iowa* Tyler Jason Uwe Meyer *Montezuma, Iowa*
 THESIS: Monitoring of microplastic concentrations
 in 132 Iowa lakes in relation to abiotic, biotic,
 and anthropogenic factors

Major in Event Management

Ashley Dawn Grabau *Fairbank, Iowa*

Major in Fisheries Biology

Erik Michael Griffen *Ashland, Mo.*

Major in Food Science and Technology

Alexander David Gapinski *Hackensack, Minn.*

Major in Geology

Tanner Lee Lambert *Morgantown, W. Va.*
THESIS: Streambank stabilization effects on Point Bar Accretion and Phosphorous storage

Collin Michael Schohn *Belvidere, Ill.*
THESIS: The stress-dependent rheology of watery, temperate ice in tertiary creep

Major in Horticulture

Olivia Kathleen Meyer *Dubuque, Iowa*
THESIS: Evaluating intelligent sprayers and warning systems for Apple IPM in Iowa

Major in Hospitality Management

Maryam Oluwafunmilayo Ajasa *Lagos, Nigeria*

Major in Human Computer Interaction

Pooja Satish Chaudhari *Navi Mumbai, India*
Serhat Demir *Istanbul, Turkey*
Pooja Naresh Doshi *Chalisgaon, India*
Rick Farrell Francis *Chenoa, Ill.*
THESIS: Using team gameplay to develop observable metrics for teaming behavior measurement
Mina Ghanaatian Jahromi *Baden, Germany*
Quinn Alexander Hemesath *West Des Moines, Iowa*
Tianyu Hua *Ames, Iowa*

Mridul Joshi *New Delhi, India*
Silu Manandhar *Kathmandu, Nepal*
Angeline Neo *Kuala Lumpur, Malaysia*
Hila Sabouni *Sabzevar, Iran*
Harris Robert Seabold *Ames, Iowa*
Rhea Rakesh Solomon *Bengaluru, India*
Karthika Suresh Kumar *Kerala, India*
Colton David Trecker *Carroll, Iowa*
Wei Zhong *Changzhou, China*

Major in Human Development and Family Studies

Darien Joy Bahe *Ames, Iowa*
THESIS: The health benefits of leading a purposeful life: Integrating purpose into substance use recovery interventions

Major in Industrial and Agricultural Technology

Elzerie Derry *Urbandale, Iowa*
THESIS: Factors influencing worker safety in grain handling

Kirshanthi Ganesa Moorthy *Ames, Iowa*
THESIS: Predicting decision choices in product safety scenarios: A framework development study

Major in Industrial Engineering

§ Landon William Getting *Fort Dodge, Iowa*

Major in Information Systems

Joseph Pradil Bolleddu *Mumbai, India*
Danni Chen *Ankeny, Iowa*
Vikas Choudhary *Hyderabad, India*
Anidhya Gangrade *Indore, India*
Jia Jia *Ames, Iowa*
Thanay Krishnareddypeta *Hyderabad, India*

Williams Onwu Nduka *Abuja, Nigeria*
Brian K. Ntem *Ankeny, Iowa*
Uditsena Reddy Ramasahayam *Hyderabad, India*
Manogna Thumukunta *Hyderabad, India*
Jian Yu *Tangshan, China*
Jiaojiao Zhao *Ames, Iowa*

Major in Journalism and Mass Communication

Grace Rebecca Amos *Stratford, Iowa*

Hayoung Lee *Taeon-gun, South Korea*

§ Research Excellence Award
†† Teaching Excellence Award

Major in Materials Science and Engineering

Harika Chowdary Dasari *Eluru, India*

Major in Meat Science

Sarah Elizabeth Bludau *Hallettsville, Tex.* Jay Alan Stowater *Algona, Iowa*

Major in Mechanical Engineering

John Jianyu Bai *Bettendorf, Iowa* Esther Sanchez Moran *Madrid, Spain*
THESIS: Structure thermal domain size in sapphire single crystal
THESIS: Rare-earth elements recovery from electronic waste
Lionel J. G. Ouedraogo *Cedar Rapids, Iowa* Nicholas J. Schnoebelen *Iowa City, Iowa*
THESIS: Sensor-integrated organ-on-a-chip platform for real-time impedance spectroscopy of neural cells

Major in Meteorology

Dylan Jacob Dodson *Camanche, Iowa*
THESIS: The impact on simulated bow echoes of changing grid spacing from 3 km to 1 km in WRF

Major in Microbiology

Katie Diann Allgaier *Louin, Miss.* Maureen Rachel Moroney *Ames, Iowa*
THESIS: Phenotypic and genotypic characterization of a hyper-localized population of *Macrophomina phaseolina*
Malissa Ann Grimsley *Roland, Iowa*
THESIS: Modernization of historical Avian Leukosis Virus extraneous agent testing

Major in Molecular, Cellular and Developmental Biology

Gabrielle Rose Dubansky *Cumming, Iowa*

Major in Organic Chemistry

Jonathan Henry Nederhoff *Wellsburg, Iowa*
THESIS: Understanding ground state energies of Thiophene and Pyridine derivatives through computational methods: A study for photochemical reactivity

Major in Plant Breeding

Ryan Thomas Lynch *Bellingham, Wash.* Denia Troxell *Elk Grove, Calif.*

Major in Psychology

Maya Arianna Irvin-Vitela *Albuquerque, N. Mex.*
THESIS: "You can't sit with us": Relational aggression as an indicator of impairment in the conceptualization of conduct behaviors

Major in Seed Technology and Business

Zhang Gang *Kaiping, China* Gregory T. Rich Jr. *Saint Peters, Mo.*
Angela Erin Lovitt Latcham *Clive, Iowa* Janelle M. Theobald *Bondurant, Iowa*

Major in Statistics

Ashirwad Barnwal
Stephen Alden Conner

Sariya, India
Corvallis, Oreg.

Ying Zheng

Beijing, China

Major in Sustainable Agriculture

Morgan Elizabeth Kaardal Saint Paul, Minn.
THESIS: The other sides of prairie strips: An
exploration of the value of prairie strips for the
beekeeping and hunting industries

Major in Veterinary Preventive Medicine

§ Guilherme Arruda Cezar Recife, Brazil
§ Isadora Fernanda Machado
Balneario Camboriu, Brazil

Jinhui Zhu

Lu'an, China

Major in Wildlife Ecology

Julia Ann Baker Ankeny, Iowa

Multiple Curricula and Majors

Reid William Barker Ames, Iowa
THESIS: Soil phosphorous stratification in long-
term no-tillage and cover crops
MAJORS: Environmental Science and Soil Science

Nayra Therese Lujano Washington, Iowa
MAJORS: Computer Engineering and Cyber
Security



Fall 2023

Undergraduate
Commencement Ceremony
1:30 p.m., Saturday, December 16, 2023
James H. Hilton Coliseum

UNDERGRADUATE COMMENCEMENT PROGRAM

1:30 p.m., Saturday, December 16, 2023, James H. Hilton Coliseum

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

Processional

Pomp and Circumstance Edward Elgar

The Star-Spangled Banner Francis Scott Key
arr. by Michael Golemo
Allie Pauly, Vocalist

Opening Remarks

President Wendy Wintersteen

Commencement Address

Ruki Neuhold-Ravikumar,
Former Nerman Family President,
Kansas City Art Institute

Musical Interlude

Cyclone Fantasia.....Michael Golemo

Recognition of Students

Provost Jonathan Wickert

Graduating with Distinction
Graduating from the Honors Program

Recognition of those with Military Service

Provost Jonathan Wickert

Conferring of the Bachelor's Degree

President Wendy Wintersteen

Candidates for the Bachelor's Degree presented by Provost Jonathan Wickert
College of Design candidates recognized by Dean Luis Rico-Gutierrez
Ivy College of Business candidates recognized by Associate Dean Valentina Salotti
College of Agriculture and Life Sciences candidates recognized by Dean Daniel Robison
College of Liberal Arts and Sciences candidates recognized by Dean Beate Schmittmann
College of Human Sciences candidates recognized by Dean Laura Dunn Jolly
College of Engineering candidates recognized by Dean W. Samuel Easterling

The Class of 2023 and the Alumni Association

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

Closing Remarks

President Wendy Wintersteen

The Bells of Iowa State..... James Wilson

Refer to the back cover for the lyrics and story of *The Bells of Iowa State*
arr. by Michael Golemo
Allie Pauly, Vocalist

Recessional

La Mourisque Tylman Susato

*The color guard for commencement exercises is composed of representatives
from the Army Reserve Officers' Training Corps Color Guard*

UNDERGRADUATE COMMENCEMENT CEREMONY

Platform Officials

Wendy Wintersteen, President of the University
Ruki Neuhold-Ravikumar, Former Nerman Family
President, Kansas City Art Institute; and
Commencement Speaker
Toyia Younger, Senior Vice President for Student Affairs
Shawn Norman, Senior Vice President for Operations
and Finance
Peter Dorhout, Vice President for Research
Hilary Seo, Dean of Library Services; and Associate
Professor of Library Services
Sarah Bennett-George, Associate Teaching Professor of
Apparel, Events, and Hospitality Management in
the College of Human Sciences; and Faculty Senate
President
Jeffery Johnson, Lora and Russ Talbot Endowed
President and Chief Executive Officer of the Iowa
State University Alumni Association
Jennifer Suchan, University Registrar

Jonathan Wickert, Senior Vice President and Provost
Ann Marie VanDerZanden, Associate Provost for
Academic Programs
Luis Rico-Gutierrez, Dean of the College of Design;
Director of the Institute for Design Research and
Outreach; and Professor of Architecture
Beate Schmittmann, Dean of the College of Liberal
Arts and Sciences; and Professor of Physics and
Astronomy
Laura Dunn Jolly, Endowed Dean and Dean's Chair of
the College of Human Sciences; and Professor of
Apparel, Events, and Hospitality Management
Daniel Robison, Endowed Dean's Chair of the College
of Agriculture and Life Sciences; Director of the
Iowa Agriculture and Home Economics Experiment
Station; and Professor of Natural Resource Ecology
and Management
W. Samuel Easterling, James L. and Katherine S. Melsa
Endowed Dean of the College of Engineering; and
Professor of Civil, Construction and Environmental
Engineering
Valentina Salotti, Associate Dean for Academic Affairs
and Diversity in the Ivy College of Business;
Associate Professor of Finance; and the Iowa Bankers
Association Fellow
Dan Grooms, Stephen G. Juelsgaard Endowed Dean of
the College of Veterinary Medicine; and Professor
of Veterinary Diagnostic and Production Animal
Medicine

Faculty Representatives

Raj Agnihotri, Marketing
Michael Bailey, World Languages and Cultures
Igor Beresnev, Geological and Atmospheric Sciences
Angelique Brellenthin, Kinesiology
Thomas Brumm, Agricultural and Biosystems
Engineering ✧✧
C. Lee Burras, Agronomy ☞✧
Steve Butler, Mathematics ☞✧✧
John Cunnally, Art and Visual Culture ✧
Matt DeLisi, Sociology ✧✧✧
Alec Dennis, Information Systems and Business
Analytics
Gil DePaula, Economics
Lisa Fontaine, Graphic Design
Joey Frantzen, Naval Science
Heimir Geirsson, Philosophy and Religious Studies

Mohan Gupta, Genetics, Development, and Cell Biology
Mark Hargrove, Biochemistry, Biophysics, and Molecular
Biology ☞
Bonar Hernández, History
Yan-Bin Jia, Computer Science
Hans Klein-Hewett, Landscape Architecture
David Kwaw-Mensah, Agronomy
Eric Lopez, Air Force Aerospace Studies
Tracy Lucht, Greenlee School of Journalism and Mass
Communication
Michael Martin, Landscape Architecture ✧
Ajay Nair, Horticulture
Matthew Nelson, Aerospace Engineering
Dan Nettleton, Statistics ✧✧
Donna Niday, English ✧
Peter Orazem, Economics ✧✧

Sukrit Pal, Supply Chain Management
 Jon Perkins, Accounting ◇
 Frank Peters, Industrial and Manufacturing Systems
 Engineering ◇◇◇
 Paola Pittoni, Mechanical Engineering
 Ruslan Prozorov, Physics and Astronomy ††
 Don Sakaguchi, Genetics, Development, and Cell
 Biology ☞
 Ann Smiley, Kinesiology
 Doug Smith, Education
 Sinem Sonsaat Hegelheimer, English

Frank Sperl, Military Science (Army Reserves Officers
 Training Corps)
 Jodi Sterle, Animal Science ◇◇
 Alex Tuckness, Political Science
 Sarah Van Dusen, Music and Theatre
 Nathaniel Wade, Psychology
 Robert Wallace, Ecology, Evolution, and Organismal
 Biology ◇◇
 Mary Wiedenhoeft, Agronomy ☞
 Theresa Windus, Chemistry †◇◇

Faculty Marshals

Thomas Brumm, Mary and Charles Sukup Global
 Professor in Food Security; and Professor of
 Agricultural and Biosystems Engineering, College of
 Agriculture and Life Sciences ◇◇
 C. Lee Burras, Morrill Professor of Agronomy, College of
 Agriculture and Life Sciences ☞◇
 John Cunnally, Professor of Art and Visual Culture,
 College of Design ◇
 Hans Klein-Hewett, Assistant Professor of Landscape
 Architecture, College of Design
 David Kwaw-Mensah, Associate Teaching Professor of
 Agronomy, College of Agriculture and Life Sciences
 Ajay Nair, Professor of Horticulture, College of
 Agriculture and Life Sciences
 Donna Niday, Associate Professor Emeritus of English,
 College of Liberal Arts and Sciences ◇
 Peter Orazem, University Professor Emeritus of
 Economics, College of Liberal Arts and Sciences ††

Jon Perkins, Associate Professor of Accounting, Ivy
 College of Business ◇
 Frank Peters, Associate Professor and C. G. “Turk”
 and Joyce A. Therkildsen Professor of Industrial
 and Manufacturing Systems Engineering; and
 Director of the Study Abroad Center, College
 of Engineering ◇◇◇
 Ann Smiley, Professor of Kinesiology, College of Human
 Sciences
 Doug Smith, Associate Professor of Education, College
 of Human Sciences
 Jodi Sterle, Eldred and Donna Harman Endowed
 Professorship for Excellence in Teaching and
 Learning; and Associate Department Chair for
 Teaching in the Department of Animal Science,
 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

Hollis Monroe

Michael Martin ◇

Musicians

CONDUCTOR **Michael Golemo**, Director of Bands

STUDENT VOCALIST **Allie Pauly**

EUPHONIUM
Daniel Brumm
Garrett Nook

PERCUSSION
Joe Fischer
Eric Paskach

TRUMPET
Jacob Aldrich
Hope Anderson
Derek Friederichs
Rebecca Gomez*
Sam Hanson
Luke Harms
Ben Kovarna
Arthur Lubberstedt
Clay Willadsen

TUBA
Samuel Hauser*
Peter Jaynes
Andrew Stapleton

HORN
Sarah DenHerder
Bethany Kallio
Kyle Laake
Nathan Morton
Savannah Niec
Kjersten Ouverson
Nathaniel Suddarth

TROMBONE
Will Forbes
Keven Goepel
Andrew King
Evalitzky Ruiz

GRADUATING MUSICIANS



Rebecca Gomez



Samuel Hauser

* *Graduating Student*

COMMENCEMENT SPEAKER

Ruki Neuhold-Ravikumar, Former Nerman Family President, Kansas City Art Institute

With over two decades of experience in arts, design, culture, education, and nonprofit sectors, Ruki Neuhold-Ravikumar brings a unique perspective and passion for reimagining the future of creative learning and practice.



A proven administrator, educator, and thought leader, Ruki most recently served as the Nerman Family President of the Kansas City Art Institute (KCAI). Prior to joining the KCAI, she served in many leadership roles at the Smithsonian Institution both in New York City and Washington, D.C. She previously worked in higher

education at the University of Central Oklahoma.

Originally from Chennai, India, she received her MFA in graphic design from Iowa State University and BFA in the history of fine art and drawing and painting from the Stella Maris College in India. She also has executive certificates in business from Yale and Harvard Universities and a certificate in museum studies from Northwestern University. She serves on the boards of the Winterhouse Institute and Harvesters – The Community Food Network.

Neuhold-Ravikumar has served in multiple leadership roles for the American Institute of Graphic Arts, and in 2015 she was named an AIGA Fellow by the Oklahoma Chapter for her advocacy and leadership as a design educator. She has won numerous awards and recognitions, including the 2021 Design Achievement Award from the Iowa State College of Design.

UNDERGRADUATE COMMENCEMENT VOCALIST & DIRECTOR OF BANDS

Allie Pauly, Undergraduate Commencement Vocalist

Allie Pauly is a third-year student at Iowa State University who has a deep passion for music. She is a dedicated soprano who is studying vocal music education under Associate Professor of Music, Mary Creswell. Allie has already received recognition for her talent, including a scholarship from the Ames Guild of the Des Moines Metropolitan Opera. In addition, she serves as the Vice President of Ritual for Sigma Alpha Iota, a music fraternity, and is an active member of the Iowa State Singers and the Music Student Representative Council. Allie can't wait to continue her journey at Iowa State University for another year.



Dr. Michael Golemo, Director of Bands

Michael Golemo has been the Director of Bands at Iowa State University since 1999. From 2005 to 2017, he also served as the Chair for the Department of Music and Theatre. In addition to conducting the Wind Ensemble and the Symphonic Band, he teaches courses in conducting and oversees a program of eleven bands.



A native of Chicago, he received his Bachelor of Music Education and Master of Music degrees from Northwestern University. He completed his doctorate in wind conducting at Michigan State University. He previously served as Assistant Director of Bands at The University of Akron (OH) and prior to that as Director of Bands at Albion College (MI).

With over 400 instrumental arrangements, transcriptions and compositions to his credit, Dr. Golemo has had works performed by a variety of performers and ensembles – from Carnegie Hall to Russia – including Wynton Marsalis, Anita Baker, Simon Estes, the Akron Symphony, and the Des Moines Symphony. He has

arranged music for high school and college marching bands and often writes for the Iowa State University “Cyclone” Marching Band. His music is published by Ludwig Music Publishers, Dorn Publications, Santa Barbara Music Publishers, Alliance Music Publishing, Daehn Publications, C.L. Barnhouse Publishing, Great Works Publishing, and Timeworks LLC.

Dr. Golemo stays active nationally and internationally as a guest conductor, clinician, and adjudicator. He has conducted all-state bands in Iowa, Nebraska, Louisiana, Idaho, and New Mexico. He has contributed articles to a variety of journals and publications including *The Instrumentalist*, *The Journal of the Association of Concert Bands*, *The Podium*, *The Journal of the North American Saxophone Alliance*, and *Teaching Music Through Performance in Band*.

He has received several notable awards, including the Iowa State University Alumni Association's Superior Service to Alumni Award, the Iowa State College of Liberal Arts & Sciences' Outstanding Achievement in Departmental Leadership Award, and Kappa Kappa Psi's Distinguished Service to Music Medal, which is that organization's highest honor. In 2021, he was awarded the distinguished title of University Professor at Iowa State.

STUDENT MARSHALS

COLLEGE OF AGRICULTURE AND LIFE SCIENCES

Darcy Grace Bonds

Hometown: Troy, Missouri

Major: Horticulture, Magna Cum Laude

Minors: Bioinformatics and Computational Biology and Design Studies



Darcy is graduating *magna cum laude* with a major in horticulture and minors in bioinformatics and computational biology, and design studies.

While at Iowa State University, Darcy completed several internships to expand her plant breeding and research knowledge. Her undergraduate research experience led her to co-author six publications and conference papers, and to give seven oral and poster presentations with faculty mentors and colleagues.

Darcy also studied abroad, traveling to Costa Rica to learn about tropical crop management.

After graduating, Darcy plans to work in plant sciences and design.

University Escort: Barbara Clawson, Associate Teaching Professor and Student Services Specialist, Department of Horticulture

DEBBIE AND JERRY IVY COLLEGE OF BUSINESS

Derek Ray Kinney

Hometown: Reinbeck, Iowa

Majors: Business Analytics and Finance, Summa Cum Laude



Derek is graduating *summa cum laude* with majors in business analytics and finance. Derek was inducted into Cardinal Key, Iowa State's highest honor society.

During his time at Iowa State University, Derek served as president and treasurer of Ivy Student Council, and as a peer mentor in the Ivy College of Business. He also participated in case competitions, completed the Gerdin Leaders Academy, was part of the President's Leadership Class, and studied abroad in Spain.

Derek held multiple jobs and internships throughout his college career, including a data analytics internship at the Iowa Department of Transportation, employment in ISU's Office of Senior Vice President of Finance analyzing budget data, and working as a data analytics intern for Land O'Lakes, Inc. He also completed a financial analytics internship with State Farm Insurance.

After graduation, Derek will work for Land O'Lakes in Minneapolis, Minnesota. He will join their IT Talent Acceleration Program, and then complete three different job rotations during the next two years.

University Escort: Bruce Kraft, Professor of Practice, Department of Finance

COLLEGE OF DESIGN

Ian George Munding

Hometown: Lafayette, Colorado

Major: Industrial Design, Summa Cum Laude



Ian is graduating *summa cum laude* with a major in industrial design.

During his time at Iowa State University, Ian was a member of the Industrial Designers Society of America Iowa State Chapter and served as a peer mentor for the Design Studies 102 studio. He was also captain of the varsity Ultimate Frisbee team and a member of the ISU Ski and Snowboard Club.

Ian completed product design summer internships with HIMALI in Boulder, Colorado, and Trango in Lafayette, Colorado.

After graduation, Ian plans to travel throughout the western United States before seeking a position as a product designer in the outdoor industry.

University Escort: Matthew Obbink, Associate Teaching Professor, Department of Industrial Design

STUDENT MARSHALS

COLLEGE OF ENGINEERING

Rebecca Elizabeth Patush

Hometown: Joliet, Illinois

Major: Materials Science Engineering, Summa Cum Laude

Minor: Biomedical Engineering



Rebecca is graduating *summa cum laude* with a major in materials science engineering and a minor in biomedical engineering.

While at Iowa State University, Rebecca served as a teaching assistant, lab mentor, and president of the award-winning Material Advantage student organization. She was also a resident assistant for three years and organized and volunteered at outreach events for young women and students in STEM.

Rebecca completed a co-op experience with Collins Aerospace and participated in research projects with two different Materials Science Engineering faculty members. She also studied abroad in Italy.

After graduating, Rebecca plans to travel to New Zealand before pursuing a master's degree in biomedical engineering.
University Escort: Alina Kirillova, Associate Professor, Department of Materials Science & Engineering

COLLEGE OF HUMAN SCIENCES

Ashley Ellen Yedlik

Hometown: Lone Tree, Iowa

Major: Family and Consumer Sciences Education and Studies, Summa Cum Laude



Ashley is graduating *summa cum laude* with a major in family and consumer sciences education and studies. Ashley was on the Dean's list every semester at Iowa State University and was academically ranked in the top two percent of her class.

While at Iowa State, Ashley held numerous leadership roles on campus, including serving as president of Iowa State Collegiate 4-H. She also completed an internship with Linn County Extension and Outreach.

After graduation, Ashley plans to pursue her dream career working in Iowa State Extension and Outreach.

University Escort: Carolyn Steckelberg, Associate Professor of Practice, Department of Human Development and Family Studies

COLLEGE OF LIBERAL ARTS AND SCIENCES

Ann Marie Lent

Hometown: Carlisle, Iowa

Majors: Political Science and International Studies, Summa Cum Laude

Concurrent Master of Arts: Political Science



Ann is graduating *summa cum laude* with majors in political science and international studies, while concurrently pursuing a master's degree in political science.

During her time at Iowa State University, Ann was a member of the Iowa State Jazz Ensemble and Fraternal Values Society, and she served as a member of student government as the director of student affairs. She also held numerous other leadership roles, including as Alpha Delta Pi Chapter president and vice president of public relations for the Collegiate Panhellenic Council.

Ann was a member of the Cardinal Key and Phi Beta Kappa honor societies.

Ann's post-graduation plans include pursuing a master's degree in political science at Iowa State University.

University Escort: Michael Giles, Teaching Professor, Department of Music and Theatre

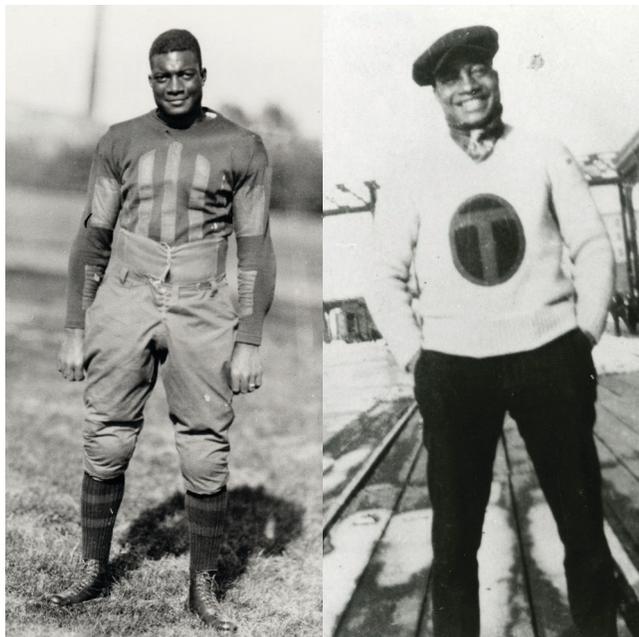
POSTHUMOUS DEGREE RECIPIENT

John "Jack" G. Trice

Major: Animal Husbandry

John "Jack" G. Trice was born in Hiram, Ohio in 1902 to Green and Anna Trice. As a young boy, Jack played football at East Technical High School in Cleveland where he lived with his uncle.

Jack came to Iowa State University (then Ames College) in the summer of 1922 following his high school football coach and five other teammates, to play football and



study animal husbandry, with the goal to help Black farmers in the South. While Jack attended college, he joined the Alpha Nu chapter of Alpha Phi Alpha Fraternity, Inc., and married Cora Mae Starland.

Jack played tackle on the Ames College varsity football team as the first Black athlete. He understood the responsibility he had as the only Black football player and demonstrated courage and strength on and off the field. The night before his final football game, Jack wrote a letter to himself in his hotel room segregated from the rest of the team, that included the now famous line: "The honor of my race, family, and self are at stake. Everyone is expecting me to do big things. I will!"

The next day, Ames College faced the University of Minnesota where Jack was tackled and injured on the field. Two days later, on October 8, 1923, Jack died from

his injuries. Hundreds of students, faculty, and staff attended his funeral on central campus.

The story of Jack Trice remained mostly quiet until the early 1970s when Iowa State University began construction on a new football stadium. Students rallied behind the name "Jack Trice Stadium" to honor the first Black athlete at Iowa State and who had died as a student. The stadium was named "Cyclone Stadium" with Jack Trice as the name of the field.

But the students would not rest until Trice was honored appropriately. In 1997, Iowa State President Martin Jischke changed the name to Jack Trice Stadium, and it remains the only Division I football stadium named after an African American today.

Jack's legacy of determination, persistence, and bravery has remained a part of the Iowa State University story, not just for athletes, but for the thousands of students who attend ISU to do "big things."

Iowa State University hosted a year-long commemoration for Jack in 2023, marking 100 years since his untimely passing. The commemoration included the installation of Breaking Barriers by Ivan Toth Depena, naming of Jack Trice Way, several impactful lectures, a legacy football game in honor of Jack, a congressional resolution, and a closing ceremony in October 2023 where President Wendy Wintersteen presented Jack's family with a posthumous degree in animal husbandry.



CANDIDATES FOR DEGREES FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural and Life Sciences Education

Taylor Lee Adams	<i>Polk City, Iowa</i>	Carli Jean Henderson	<i>Wiota, Iowa</i>
Davis Henry Duistermars	<i>Orange City, Iowa</i>	*** Emily Marie Joenks	<i>Everly, Iowa</i>
** Noah Matthew Heiter	<i>Spencer, Iowa</i>	Jaclyn Amera Reding	<i>Bode, Iowa</i>

Curriculum in Agricultural and Rural Policy Studies

* McKenna Lyn Dayhuff	<i>Somonauk, Ill.</i>	Collin Alexander Malmberg	<i>Perry, Iowa</i>
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Curriculum in Agricultural Business

Eli Eugene Bailey	<i>Hamilton, Iowa</i>	*** Sean R. Negus	<i>Sutherland, Iowa</i>
Bailey Jae Bartholomew	<i>Waterloo, Iowa</i>	Jessica Beth Nolt	<i>Hartley, Tex.</i>
Mark Edward Coverdale	<i>Dysart, Iowa</i>	John Joseph Ramirez	<i>Ames, Iowa</i>
** Lilith Bridget Drake	<i>Hingham, Mass.</i>	Jaselyn E. Robertson	<i>Ainsworth, Iowa</i>
James Elliott Fox	<i>Nebo, Ill.</i>	** Abigail Rose Ross	<i>Huxley, Iowa</i>
Brody Frederick	<i>Earling, Iowa</i>	* Noah David Schank	<i>Arcadia, Wis.</i>
** Bryson Albert Hervol	<i>Waverly, Iowa</i>	Hunter Jacob Soma	<i>Dunlap, Iowa</i>
Grace Christina Hill	<i>Ames, Iowa</i>	Colby Michael Vincent	<i>Carroll, Iowa</i>
Brady Lowell Knutson	<i>Washington, Iowa</i>	Cooper Anthony Warner	<i>Onawa, Iowa</i>

Curriculum in Agricultural Studies

Jonathon Thomas Bell	<i>Solon, Iowa</i>	Brady Jay Hamilton	<i>Chariton, Iowa</i>
Alex Lee Cheney	<i>Deep River, Iowa</i>	Gabe Stanley Jones	<i>State Center, Iowa</i>
William August Clapper	<i>Rhodes, Iowa</i>	Blake Lee Price	<i>Baldwinsville, N.Y.</i>
Shara Kathryn Cota	<i>Harpers Ferry, Iowa</i>	Kylie Rosonke	<i>Lawler, Iowa</i>
Kaden Joshua Dewey	<i>Shell Rock, Iowa</i>	Kade Quinn Schmidt	<i>Lincoln, Ill.</i>
Nathaniel Brock Drummer	<i>Chelsea, Iowa</i>	Jaiden Connor Shahan	<i>Ackley, Iowa</i>
** Ryan Claude Fausch	<i>Alleman, Iowa</i>	*** Mitchell Paul Williamson	<i>Wiota, Iowa</i>
Oscar Javier Figueroa Gochez	<i>Santa Tecla, El Salvador</i>	Kolby William Winter	<i>New Providence, Iowa</i>
		Cael Christian Yeggy	<i>Riverside, Iowa</i>

Curriculum in Agricultural Systems Technology

Cody A. Gibbs	<i>Earlville, Iowa</i>	Kylie Sacquitne-Darrington	<i>Palo, Iowa</i>
Spencer Glen Haywood	<i>Union, Iowa</i>	** Marcus David Schneider	<i>Holy Cross, Iowa</i>
Jared D. Kilby	<i>Mackinaw, Ill.</i>	Brody William Stiles	<i>Grimes, Iowa</i>
Brenden Allen Lukacsik	<i>Naperville, Ill.</i>		

Curriculum in Agronomy

** Apryl Jenee DeWitt	<i>Salem, Iowa</i>	Joseph Robert Jacobs	<i>Saint Ansgar, Iowa</i>
Austin Smid Elm	<i>Webster City, Iowa</i>	* Tess Olivia Rose Kern	<i>Johnston, Iowa</i>
Madisson Ann Foster	<i>Millers, Md.</i>	* Kira Anne Rieck	<i>McGregor, Iowa</i>
*** Erik Edward Gerdtis	<i>Saint Ansgar, Iowa</i>	Younghyun Ryou	<i>Seongnam-si, South Korea</i>

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Curriculum in Animal Ecology

* Bryce Randall Batien	Hartley, Iowa	** Jisela Mercedes Pavon Meyer	Spencer, Iowa
Evan Joseph Brennan	Emmetsburg, Iowa	* Aidan G. Pierce	Guttenberg, Iowa
Adam Johnathan Byrd	Bloomfield, Iowa	Gabrielle Maria Rigdon	Ely, Iowa
** Alexandra Michelle Cintrón	San Juan, Puerto Rico	** Cristian Rodriguez	Des Moines, Iowa
Alejandro Andres Gomez	Fresno, Calif.	** Luke David Rubow	Iowa Falls, Iowa
Alexis Ann Harlan	Urbandale, Iowa	Kendall Lee Rudolph	Bartlett, Ill.
*** Anne Marie Hatch	Mesa, Ariz.	Nathan Arnold Schmitt	Winthrop, Iowa
** Paige Nicole Higby	Carroll, Iowa	Kaitlyn E. Schooley-Beney	Iowa City, Iowa
* Paige Nicole Hollenberg	Boone, Iowa	Kaitlyn Marie Vsetecka	Charles City, Iowa
Connor Jensen	Marshalltown, Iowa	Kiara Constance Kamama Widdowson	Algonquin, Ill.
Jayden Marie Kraft	Missouri Valley, Iowa		Staples, Minn.
Kinley Dawn McIntosh	Missouri Valley, Iowa	* Bryn Williams	Muscatine, Iowa
* Luke Joseph Mullen	Johnston, Iowa	***† Whitney Justine Winter	Montrose, Iowa
Alexandra Cameron Oglesby	Polk City, Iowa	Madison Elizabeth Worrell	

Curriculum in Animal Science

**† Allison Marie Baumhover	Woodward, Iowa	Taylor Layne Neofotist	Bettendorf, Iowa
Garrett John Billington	Bakersfield, Calif.	Kaden Cortes Nieto	Sioux City, Iowa
*** Mikayla Rose Brennan	Byron, Minn.	Tegan Ryanna O'Reilly	Naperville, Ill.
Kailey Jane Clark	Grand Mound, Iowa	** Olivia K. Pacha	Washington, Iowa
Megan Lynn Coberly	Moorhead, Iowa	Taylor Patterson	Ankeny, Iowa
Aileen Cortes	Riverside, Calif.	Maeghan Lea Petznick	Northwood, Iowa
Nicole Marie De Young	Coralville, Iowa	Ava Margaret Poncelet	Northfield, Minn.
Fabiola Diaz	San Juan, Puerto Rico	*** Margaret Clara Putnam	Worthington, Minn.
Katie Foster	Spragueville, Iowa	* Hailey E. Rathnow	Woodridge, Ill.
Emma Grace Frohling	Garner, Iowa	Ylva Rae Reysack	Toppenish, Wash.
Jasmine F. Gaukel	Onawa, Iowa	Paola S. Rodriguez-Valiente	Washington, D.C.
Raul Roberto Gonzalez Schmidt	Bayamon, Puerto Rico	* Kristen Roher	Monticello, Iowa
** Aaron Robert Gust	Audubon, Iowa	Megan Diane Ryherd	Ankeny, Iowa
Jakob A. Hall	Dubuque, Iowa	Cassandra Leigh Schiesher	Charles City, Iowa
*** Kayleen Rea Hammer	Cedar Rapids, Iowa	Kade Matthew Shiery	Camden, Mich.
** Samantha Rae Hanley	Braceville, Ill.	Averie E. Sieverding	Bellevue, Iowa
Colton Lyle Holdgrafer	Miles, Iowa	* Lacey Raeann Smith	Anamosa, Iowa
* Carlos Antonio Jimenez	Humboldt, Iowa	*** Nailah Aisha Smith	St. Thomas, Virgin Islands
Paige Elizabeth Kershaw	Shell Lake, Wis.	Armando Soler	Salinas, Puerto Rico
Madison Kraft	Towanda, Ill.	Clayton James Sparks	La Porte City, Iowa
Jonathon T. Kreutner	Vinton, Iowa	**† Christina Lee Speicher	New Hampton, Iowa
* Tarynn Elizabeth Kuehl	Donahue, Iowa	Mariah Elizabeth Steenhard	Mason City, Iowa
Grace Anne LeRette	Virginia Beach, Va.	Kathleen Luella Temeyer	Sergeant Bluff, Iowa
*** Riley Maeann Lockard	Altoona, Iowa	** Reace Jae Lee Thomas	What Cheer, Iowa
Rachel Marie Lucas	Davenport, Iowa	Jose Toro Santisteban	San Juan, Puerto Rico
* Shelby March	Earlville, Iowa	Jaylynn Mae Vesterfelt	Carroll, Iowa
Natelite Anne Moody	Nevada, Iowa	Leslie Volles	Naperville, Ill.
Kiley Tiegán Munar	Naperville, Ill.	** Sierra Elizabeth Wegener	Clinton, Iowa
Marianne Claire Nebelsick	Lake Park, Iowa	Tiffany Marie Wing	Runnells, Iowa

Curriculum in Biology

Cora Lynn Anderson	Burlington, Wis.	Travis Jared Jergens	Ames, Iowa
***† Emma Rose Bock	Mechanicsville, Iowa	*** Cara Michelle McCutchin	Greenleaf, Wis.
Laura Elizabeth Boury	Ankeny, Iowa	*** Desiree Carmella Mignone	Shakopee, Minn.
*** Parker Champion	West Des Moines, Iowa	Ian Kiplagat Muindi	Ankeny, Iowa
Macy Jo Denbeste	Ankeny, Iowa	*** Yen Nguyen	Sioux City, Iowa
*** Holyn Elizabeth Doran	Le Claire, Iowa	Olivia Nichols	Columbia, Pa.
*† Mason Jerry Erger	Marengo, Iowa	*** Simran Suril Patel	Richmond, Ill.
Lerelcus Congious Greer Jr.	Burlington, Iowa	*** Christopher Robin Pearson	Newton, Iowa
Kianna Jo Hackett	Kingsley, Iowa	Naysha M. Raya	Gurabo, Puerto Rico
*** Cooper Jeremiah Hess	Danville, Iowa	** Grace Kay Spindler	Hugo, Minn.

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Graham Theodore Steffes-Clayton	Pleasant Hill, Iowa	Trinity Marie Vonnahme	Arcadia, Iowa
*** Dylan Taylor	Ankeny, Iowa	Leah Sue Wilcox	Oskaloosa, Iowa
Nicolas John Truitt	Ankeny, Iowa	Nicole Renee Wise	Cedar Rapids, Iowa

Curriculum in Culinary Food Science

** Elias Jerome Perez	Iowa City, Iowa
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Curriculum in Dairy Science

* Nicole Ann Gudenkauf	Farley, Iowa	Olivia Kay Ruffner	Bowling Green, Ohio
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Curriculum in Environmental Science

** Sarah Heather Blank	Clive, Iowa	**† Jeanetta Rae-Popp Plotzke	Osage, Iowa
Emma Lauritsen	Waukee, Iowa	** Emalyn Grace Polz	Sycamore, Ill.
Elisha Luke	Des Moines, Iowa	* Carlee Ann Scott	Mahomet, Ill.
Semir Omerovic	West Des Moines, Iowa	Rachel Mae Wagner	Waterloo, Iowa

Curriculum in Food Science

Emily Laraine Pansegrau-Marker	Gilman, Iowa
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Curriculum in Forestry

***† Rebecca Lynn	Brighton, Iowa	** Justin Kent Wignall	Ankeny, Iowa
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Curriculum in Genetics

Justin Wesley Evans	Escondido, Calif.
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Curriculum in Global Resource Systems

* Jenna E. Errthum	Guttenberg, Iowa	*** Grace Daniel Reiss	Ryan, Iowa
** Madison E. Lenaerts	Cedar Falls, Iowa	* Kira Anne Rieck	McGregor, Iowa
**† Jeanetta Rae-Popp Plotzke	Osage, Iowa		

Curriculum in Horticulture

Cody Wayne Allendorf	Galena, Ill.	Jacob Elliott Lutz	Byron, Ill.
Layken Alward	Ellsworth, Mich.	Alexandria Ilene Lyons	Urbandale, Iowa
**† Darcy Grace Bonds	Troy, Mo.	** Anna Rowzee	Joliet, Ill.
Trevor Jeffry Clawson	Ackley, Iowa	** Cayleigh Jordan Smith	Burlington, Iowa
Kinsey Darlene Crispin	Missouri Valley, Iowa	Ferdinand Edward Spring IV	Dubuque, Iowa
Amelia Josephine Drake	Council Bluffs, Iowa	Taylor Anna Thompson	Carlisle, Iowa
** Mira J. Emma	Wheaton, Ill.	Emily Umthun	Eagle Grove, Iowa
Benny Lim Kok Tzen	Kulai, Malaysia	Bryce John Witham	Algona, Iowa

Curriculum in Industrial Technology

David Ascencio	Elgin, Ill.	Cade Phillip Hopkins	Spencer, Iowa
* Dominic Joseph Barone	Lake in the Hills, Ill.	Evan Paul Kelly	Muscatine, Iowa
Will John Brehm	Peosta, Iowa	Melanie Machado Torres	Hormigueros, Puerto Rico
Benjamin Paul Burright	West Des Moines, Iowa	Demari C. Nicholson	Davenport, Iowa
* Easton Walker Dean	Oswego, Kans.	Javier Ramirez Herrera	Marshalltown, Iowa
Ryan Michael Deegan	Chanhassen, Minn.	Samual Ames Reitano	Sheldahl, Iowa
David Mitchell Drake	Elmhurst, Ill.	** Marcus David Schneider	Holy Cross, Iowa
Logan James Elsberry	Roland, Iowa	Adam Akira Shimamoto	Thornton, Colo.
Nicolas Edwin Hanselman	North Oaks, Minn.	*** Morgan Andrew Tang	Cedar Rapids, Iowa
Spenser James Heckman	Plainfield, Ill.	Matthew Steven Thompson	Mequon, Wis.
* Ryan Joseph Hooks	Flower Mound, Tex.	Rachel M. Wiederrecht	Elmhurst, Ill.

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

* Thomas Robert Witchger III Plymouth, Minn.
* Harrison Joseph Yoder Ames, Iowa

Josh Price Zolinski Hartland, Wis.

Curriculum in Microbiology

Maria G. Aguilera Torres Marshalltown, Iowa
*** Logan James Engebretson Polk City, Iowa

* Brandon Michael Ernst Clinton, Iowa
Madeline J. Konen Anoka, Minn.

Curriculum in Nutritional Science

*** Grace Daniel Reiss Ryan, Iowa

Multiple Curricula and Majors

*** Wyatt John Bailey Mitchellville, Iowa
Agronomy and Seed Science

Brendan Albert Davidson Pella, Iowa
Agricultural Studies and Agronomy

*** Megan Lyn Decker Rockwell City, Iowa
Agricultural and Rural Policy Studies and
International Agriculture

* Heidi Marie Dornath Gilmore City, Iowa
Agronomy and Seed Science

Chloe R. Engelbrecht Davenport, Iowa
Agricultural Business and Liberal Arts and
Sciences: Major in Economics

* Jenna E. Errthum Guttenberg, Iowa
Horticulture and Liberal Arts and Sciences: Major
in World Languages and Cultures (Spanish)

Jacob R. Friedrich Fremont, Neb.
Horticulture and Global Resource Systems

*** Katelyn Helen Groe Lake Mills, Iowa
Agricultural Systems Technology and Industrial
Technology

Tyler William Heinisch Kingston, Ill.
Agricultural Systems Technology and Industrial
Technology

* Madeleine J. Krumins Naperville, Ill.
Agronomy and Environmental Science

** Jacob Robert Letmanski McHenry, Ill.
Agronomy and Horticulture

** Brennan James Lynch Boone, Iowa
Agricultural Business and Liberal Arts and
Sciences: Major in Economics

* Chandler Ryan Matos Muscatine, Iowa
Industrial Technology and Agricultural Systems
Technology

Lauramaría Mercado Isabela, Puerto Rico
Animal Science and Liberal Arts and Sciences:
Major in World Languages and Cultures (Spanish)

Jayna Sangita Misra Ames, Iowa
Environmental Science and Global Resource
Systems

** Lydia M. Moses Ottumwa, Iowa
Agronomy and Seed Science

*** Rebecca Lynn Noe Eureka, Ill.
Agronomy and Seed Science

Abigail Suzanne Padilla Des Moines, Iowa
Agricultural Business and Liberal Arts and
Sciences: Major in Economics

** Melia Jenell Stackis Dubuque, Iowa
Global Resource Systems and Environmental
Studies

*** Elizabeth Marie Vorsten Polk City, Iowa
Agricultural Studies and International Agriculture

CANDIDATES FOR DEGREES FROM THE IVY COLLEGE OF BUSINESS

BACHELOR OF BUSINESS ADMINISTRATION

Major in Business Administration

Tanner Dean Albrecht	Ogden, Iowa	Macey Lauren Miller	Marion, Iowa
Shawna Lyn Appel	Fairmont, Minn.	Telan Levi Peder Paulson	Pella, Iowa
Justin William Biegger	Grimes, Iowa	Seth Michael Rustvold	Audubon, Iowa
** Emma Elizabeth Cosgrove	Sibley, Iowa	* Shayna Ann Skiles	Inwood, Iowa
Dawson Allen Dorhout	Denison, Iowa	Ryan William Smith	Eagle Grove, Iowa
Brandon Michael Karnes	Dakota Dunes, S. Dak.		

BACHELOR OF SCIENCE

Major in Accounting

*** Jacob Dean Blaskey	Des Moines, Iowa	Samuel Henry Poland	Carroll, Iowa
* Abby Elizabeth Boell	West Point, Neb.	Bryce Lynn Rasmussen	West Des Moines, Iowa
** Tayler Ann Burg	Atlantic, Iowa	Daniel Patrick Richter	Omaha, Neb.
** Noah Azeem Burmeister	Urbandale, Iowa	Anna Claire Ridnour	Perry, Iowa
Autumn Renea Cabagua	Milwaukee, Wis.	Benjamin Michael Smith	Yorkville, Ill.
* Jacob Allan Caster	Clive, Iowa	* Ethan Snedden	Ogden, Iowa
Harry Doan	Des Moines, Iowa	Reed E. Solheim	Blaine, Minn.
Joseph Doan	Des Moines, Iowa	* Stella Fusui Tsai	Ames, Iowa
*** Erica Marie Johnson	Marshalltown, Iowa	Nathan Michael Vanhandel	Rosemount, Minn.
*** Alex Joseph Klein	Muscatine, Iowa	Breanne Louise Virden	Des Moines, Iowa
Tre William Knobbe	Breda, Iowa	** Joshua Vogt	Gurnee, Ill.
* Megan Elise Loussaert	Eldridge, Iowa	** Brian Andrew Wadle	Davenport, Iowa
** Rylei Eve McNaughton	Sioux City, Iowa	Jack Ward	Batavia, Ill.
** Jenna Judith Merhar	Ely, Minn.	Katin Wu	Eldridge, Iowa
Adam William Morgan	Ankeny, Iowa	* Quinten James Wynia	Sheldon, Iowa
** Brandon Alexander Nitto	Grayslake, Ill.	* Allison Joy Zielke	Huxley, Iowa
*** Mason Jon O'Brien	Rogers, Minn.		

Major in Actuarial Science

Fabian Rafael Vazquez-Hernandez	Jasper Dean Wilson	Des Moines, Iowa
Carolina, Puerto Rico		

Major in Business Analytics

** Noah Azeem Burmeister	Urbandale, Iowa	Ajda Ikeljic	Johnston, Iowa
Marleni Yicel Grijalva	Perry, Iowa	Daniel Everet Leigh	Fort Dodge, Iowa
Dylan Lee Hanrahan	Urbandale, Iowa	* Benjamin Jin Yang Ng	Petaling Jaya, Malaysia
Keaton Douglas Hensley	Dakota Dunes, S. Dak.	Taylor H. Poggemiller	Burlington, Iowa

Major in Business Economics

Raphael Campello	São Paulo, Brazil	* Nicholas Ryan Garner	Council Bluffs, Iowa
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* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Major in Entrepreneurship

Samuel Thomas Loven Alexander Steven Neverve	Plymouth, Minn. San Jose, Calif.	** Victoria Lee Norman Gage William Wilson	Weston, Mo. Albia, Iowa
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Major in Finance

Mohamed Khalid Al-Sabahi Dillon Matthew Belzer Mackenzie Hope Blomgren Jesse Mcgee Boland Jared Michael Bruxvoort Colin John Carroll Andrew James Christofferson * Cade Douglas Cunningham Jonah M. Dejung Colby B. Disbrowe *** Cail Edward Donkersloot Michael Stephen Gallagher ***† Luella R. Gaskell * Collin Anthony Gauck ** Jackson James Graeve Myles David Greene David A. Hermenwhite Ryan Thomas Hughes Brent Michael Johnson	Muscat, Oman Grimes, Iowa Van Meter, Iowa Naperville, Ill. Pella, Iowa Arlington Heights, Ill. Spencer, Iowa Ankeny, Iowa Eden Prairie, Minn. Boone, Iowa Spirit Lake, Iowa Cedar Rapids, Iowa Sioux City, Iowa Ames, Iowa Ankeny, Iowa Mount Ayr, Iowa Ely, Iowa Council Bluffs, Iowa Marshalltown, Iowa	Tate Calvin Johnson Adrian Pablo Munoz ** Brandon Alexander Nitto Allison Victoria Ostendorf Dylan Jon Princl Bryce Lynn Rasmussen *** Paige Rolle * Cael A. Sampson Nicholas D. Schmucker *** Austin Shomo Reed E. Solheim Jonathan Youan Sovath *** William Parriott Spalding * Ryan Jacob Streeter Caleb Daniel Thompson Dylan James Timmins Charlize Faith Tornell Katin Wu Drake Thomas Wunder	Sutherland, Iowa Sioux City, Iowa Grayslake, Ill. Ames, Iowa Farmington, Minn. West Des Moines, Iowa Sugar Grove, Ill. West Des Moines, Iowa Marion, Iowa Marshalltown, Iowa Blaine, Minn. Johnston, Iowa Saint Michael, Minn. Rogers, Minn. Hopkinton, Iowa Carlisle, Iowa Clive, Iowa Eldridge, Iowa Huxley, Iowa
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Major in Healthcare Management

*** Maci Lynn Wittrock	Carroll, Iowa
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Major in Human Resource Management

Chase Allen Archer Melanie Marie Merhar Crystal Ramirez	Perry, Iowa Urbandale, Iowa Marshalltown, Iowa	** Mackenzie Jo Rosenboom Khine MyoAye Thein ** Claire Sienne Varangkounh	Davenport, Iowa Des Moines, Iowa Humboldt, Iowa
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Major in Management

Elsadig Ali Abdelgader Jayden William Crane * Cade Douglas Cunningham Faith Gbarjolo Cody J. Gwizdala Joel P. Henningsen Mason Kennedy Hunt * Jacob Y. Kim	Ames, Iowa Waukee, Iowa Ankeny, Iowa Des Moines, Iowa Lake Zurich, Ill. Oakland, Iowa West Des Moines, Iowa Johnston, Iowa	Ethan R. Mousel John Heber Perry Ariana Kelsey Ramirez Connor Alan Shymanik Hunter Willam Vossen Olivia Grace Warren Macy Jean Wiederin	Le Mars, Iowa Bettendorf, Iowa Sioux City, Iowa Roselle, Ill. Saint Paul, Minn. Sioux City, Iowa Ankeny, Iowa
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Major in Management Information Systems

Humberto Jesus Alarcon Jr. Nabhan Azmat Awan Riley Charles Bonzer * Austin W. Cichon Evan Couch Nathan Douglas Curran Vineeth Duggina Jack Michael Feeney * Carter Daniel Fluckiger Owen Michael Gieseke Brandon Cole Johnson *** Joseph Mark Kasal	Perry, Iowa Urbandale, Iowa Mason City, Iowa Bartlett, Ill. Evanston, Ill. Geneseo, Ill. Hyderabad, India West Des Moines, Iowa Stratford, Iowa Brookfield, Ill. Cottonwood, Minn. Montezuma, Iowa	Danny Le Nathaniel L. Lickteig Hunter Seytoun Lovanh Zachary Allen Miller ** Kashish Phulwani Christina Cassandra Pohle David Andrew Ridout Jordan Renae Ritland ** Sophie Roesener Shaanmukh Sevellaa * Michael W. Stoltenberg Ethan D. Taylor	West Des Moines, Iowa Grimes, Iowa Ankeny, Iowa Polk City, Iowa Sharjah, United Arab Emirates Marshalltown, Iowa West Des Moines, Iowa Des Moines, Iowa Littleton, Colo. Hyderabad, India Ankeny, Iowa Roland, Iowa
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* Cum Laude
** Magna Cum Laude

*** Summa Cum Laude
† Honors Program

Steven Eli Thompson
Daniel Truong
Jonathan R. Valentine

Des Moines, Iowa
Urbandale, Iowa
Gurnee, Ill.

Gabriel K. Weber
Robert Scott Wickwire

Orange City, Iowa
Dayton, Iowa

Major in Marketing

Isabella Peyton Arpy	Altoona, Iowa	Maximilian Edward Kamper	Aliso Viejo, Calif.
Andrew Michael Arvila	Eagan, Minn.	Alyssa Roxxann Kastenschmidt	Boone, Iowa
Mallory Marie Badding	Carroll, Iowa	Christopher C. Kerlake	Johannesburg, South Africa
Olivia Rose Badding	Carroll, Iowa	*** Karsen Kettwick	De Witt, Iowa
Aidan Edward Bitter	Tampa, Fla.	Madison Eileen Kroening	Lake in the Hills, Ill.
Austin James Breitbach	Dubuque, Iowa	Xavier Lee	Bettendorf, Iowa
Megan Rose Burggraf	Saint Charles, Ill.	Albert J. Lewis III	Elmhurst, Ill.
Vanessa Maria Chally	Monticello, Iowa	Casey J. Linsenmeyer	Marshalltown, Iowa
MaryKathleen E. Collins	Germantown, Wis.	* Muhammad Akif Syazwan Bin Mohd Adli	Ampang, Malaysia
** Trevor Michael Collins	Davenport, Iowa	Emma Lorraine Nalley	Ankeny, Iowa
Dylan Thornton Crow	Clive, Iowa	Kevin Flores Nguyen	Ankeny, Iowa
Brandon Jay Davis	Ankeny, Iowa	** Danielle Victoria Oberfoell	Hiawatha, Iowa
James John Debolt	Carroll, Iowa	*** Abbi Marie Patterson	Wellman, Iowa
Jackson Robert Eickholt	Council Bluffs, Iowa	Dakota Lee Phillips	Indianola, Iowa
Nicholas John Fejfar	Clive, Iowa	** Seth Hamilton Phillips	Ankeny, Iowa
Callie Marie Frakes	Tama, Iowa	Jacob Michael Pringle	Pella, Iowa
Abbey Jean Fryauf	West Branch, Iowa	Kaelan Andrew Schildroth	Center Point, Iowa
Grant Radakovich Fuller	Pella, Iowa	Linda Thi Son	West Des Moines, Iowa
Jacob John Gustofson	Boone, Iowa	* Dylan James Sondag	Council Bluffs, Iowa
Kayelee Jaye Harrison	Waterloo, Iowa	Max Alan Thomas	Monroe, Iowa
Mitchell Lee Havermann	West Des Moines, Iowa	Jack Charles Tiarks	Council Bluffs, Iowa
Allyson Ruth Hertz	Sioux City, Iowa	*** Sullivan Matthew Tighe	Oskaloosa, Iowa
Cole John Hickman	Elmhurst, Ill.	Macy Jean Wiederin	Ankeny, Iowa
*** Erica Marie Johnson	Marshalltown, Iowa	** Chloe Anne Williams	Geneva, Ill.
Jackson Harry Jones	Genoa, Neb.		
Josiah P. Kallio	Huxley, Iowa		

Major in Supply Chain Management

* Owen Thomas Anderson	Naperville, Ill.	Austin Lee Mente	Tipton, Iowa
Anthony J. Aragon	Perry, Iowa	*** Duncan Robert Meyer	Cedar Falls, Iowa
** Trevor Michael Collins	Davenport, Iowa	Jaia Kennedy Morris	Peoria, Ill.
Kyle Gregory Ferris	Muscatine, Iowa	Luke Edward Peters	West Des Moines, Iowa
Nicholas A. Goodwater	Council Bluffs, Iowa	Samuel Steven Rohrer	Norwalk, Iowa
Christopher J. Hingtgen	Tiffin, Iowa	William B. Saunders	Overland Park, Kans.
*** Gavin H. Johnson	Council Bluffs, Iowa	Elina Sovalova	Urbandale, Iowa
** Jackson Allen Arthur Leman	Webster City, Iowa	Jacob Leo Staudt	Floyd, Iowa
Cooper Douglas Leonard	Atlantic, Iowa	** Megan Nicole Utterback	Ankeny, Iowa
Stella Rose Leuer	Saint Michael, Minn.	** Brian Andrew Wadle	Davenport, Iowa
* Katherine Faye Markley	Minneapolis, Minn.		

Multiple Curricula and Majors

Aiden J. Antidel	Council Bluffs, Iowa	* Caleb John Carlson	Ankeny, Iowa
Management and Marketing		Management and Marketing	
** Lillian E. Becker	Glenwood, Iowa	*** Sydney N. Damstra	Boyden, Iowa
Supply Chain Management and International Business		Finance and Business Analytics	
Logan Benjegerdes	Manly, Iowa	Zoe Lynn Durand	Ramsey, Minn.
Supply Chain Management and Management Information Systems		Marketing and Human Resource Management	
** Hannah Jayne Blackford	Johnston, Iowa	** Brady Wilson Eberline	Newton, Iowa
Marketing and Entrepreneurship		Accounting and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

- *** **Noah Michael Fischels** *Hiawatha, Iowa*
Business Analytics and Marketing
- ** **Morgan Lu Gardner** *Lemont, Ill.*
Entrepreneurship and Marketing
- ** **Joshua Michael Gartin** *Ames, Iowa*
Accounting and Entrepreneurship
- * **Kai Matthew Griffin** *Waukee, Iowa*
Marketing and International Business
- Regan Zoe Heckman** *Van Meter, Iowa*
Entrepreneurship and Management
- Grace Lee Hoversten** *Alexander, Iowa*
Management and Marketing
- *** **Derek Ray Kinney** *Reinbeck, Iowa*
Business Analytics and Finance
- Trevor S. Klein** *Gurnee, Ill.*
Marketing and Management
- Nichole G. Lawrence** *Cedar Park, Tex.*
Marketing and International Business
- * **Lauren J. Micetich** *Knoxville, Iowa*
Marketing and International Business
- * **Zachary J. Prey** *Urbandale, Iowa*
Marketing and Liberal Arts and Sciences: Major
in Speech Communication
- Kara Elizabeth Reed** *Jefferson, Iowa*
Supply Chain Management and Management
- ** **Sean Darrio Rolle** *Atlanta, Ga.*
Management and Finance
- Lucia T. Snyder** *Adel, Iowa*
Marketing and Supply Chain Management
- ** **Aaron Logan Stocking** *Geneva, Ill.*
Finance and Business Analytics
- Emily R. Thomas** *Johnston, Iowa*
Marketing and Entrepreneurship
- Tieler Marie Travis** *Minnertonka, Minn.*
Marketing and Management
- * **Emily Jean Waite** *Washington, Iowa*
Accounting and Finance
- ** **Damon Jay Walhof** *Sioux Center, Iowa*
Supply Chain Management and Management

CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

*† Nora Saud Alarifi	<i>Al Khobar, Saudi Arabia</i>	Logan Wayne Pfannebecker	<i>Iowa City, Iowa</i>
Khelod Alkhashram	<i>Kuwait City, Kuwait</i>	* Nathaniel D. Stoltenberg	<i>Cedar Rapids, Iowa</i>
Zachary Richard Busch	<i>Downers Grove, Ill.</i>	*** Mckenna R. Vandentop	<i>Blaine, Minn.</i>
** Yasmine Alexis Evans	<i>Chicago, Ill.</i>	** Seth Thomas Vogel	<i>Hampton, Iowa</i>
** Armin Hasancevic	<i>Urbandale, Iowa</i>		

BACHELOR OF ARTS

Curriculum in Art and Design

Hannah Carolyne Conway	<i>Gibsonia, Pa.</i>	Phoebe J. Wagner	<i>Swisher, Iowa</i>
Lucas John Dreeszen	<i>Sioux City, Iowa</i>		

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

* Mckenna Paige Kirchhoff	<i>Independence, Iowa</i>	* Mckenzie Gayle Stewart	<i>Waukee, Iowa</i>
Zachary Paavo	<i>Davenport, Iowa</i>		

Curriculum in Integrated Studio Arts

** Audrey Nicole Stirling	<i>Des Moines, Iowa</i>	* Grace Johnson Yoder	<i>Cedar Falls, Iowa</i>
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BACHELOR OF INDUSTRIAL DESIGN

Curriculum in Industrial Design

Cristiano L. Drescher	<i>Cedar Falls, Iowa</i>	*** Victoria Paige Meeks	<i>San Antonio, Tex.</i>
* Gavin Curtis Harms	<i>Spirit Lake, Iowa</i>	*** Ian George Munding	<i>Lafayette, Colo.</i>
*** Ryan Patrick Kodama	<i>Riverside, Ill.</i>	Cale Matthew Murray	<i>Storm Lake, Iowa</i>
** Jasmine S. Lambert	<i>Polk City, Iowa</i>	* Zachary David Nuzzolilo	<i>Millers Creek, N.C.</i>
* Jacob Thomas Lowe	<i>Dysart, Iowa</i>	* Marshall Frederick Overhiser	<i>Pennington, N.J.</i>
* Margaret Kelly Lynott	<i>Mount Vernon, Iowa</i>	* Carson Dion Van Westen	<i>Sibley, Iowa</i>
* Mia Angelina Marco	<i>La Grange, Ill.</i>	Peter J. VanDerZanden	<i>Ames, Iowa</i>

BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Emma DeMoss
Alexis Diaz

Dyersville, Iowa
Montgomery, Ill.

* Jenny Grace Hagg
** Johnathon David Waskow

Des Moines, Iowa
Toddville, Iowa

CANDIDATES FOR DEGREES FROM THE COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE

Curriculum in Aerospace Engineering

Mohamed Ahmed M. Alamoudi	<i>Abu Dhabi, United Arab Emirates</i>	*** Cooper J. Lind	<i>Savage, Minn.</i>
Trace Jonathan Andersen	<i>Basehor, Kans.</i>	** Caleb Patrick Luke	<i>Marion, Iowa</i>
* Andrew Christian Barloon	<i>Nevada, Iowa</i>	** Hunter William Mackenthun	<i>Webster, Minn.</i>
** Patrick Brian Biedrzycki	<i>Bartlett, Ill.</i>	Alison Lucinda Cordelia MacDonald	<i>Bloomington, Ill.</i>
Harshil V. Boddapati	<i>Hyderabad, India</i>	Brendan A. Mass	<i>Malvern, Iowa</i>
* Daniel B. Brockway	<i>Fuquay Varina, N.C.</i>	Frank Bailey Matti	<i>Lino Lakes, Minn.</i>
Mateus Wendell Burns	<i>Shawnee, Kans.</i>	Clayton Ian McPhail	<i>St. Charles, Ill.</i>
Enrique A. Campos	<i>Naperville, Ill.</i>	***† Jessica Anne Melville	<i>Sioux City, Iowa</i>
* Mason Richard Carter	<i>Pleasant Hill, Iowa</i>	Jacob Charles Meyer	<i>New Prague, Minn.</i>
Tyler Chandler	<i>Quincy, Ill.</i>	Brian Joseph Moissonnier	<i>Peoria, Ariz.</i>
Matthew H. Clark	<i>Havana, Ill.</i>	* Evelyn L. Moyer	<i>Windsor, Colo.</i>
Tyler N. Cummings	<i>Overland Park, Kans.</i>	Zachery Richard Myrvold	<i>Waconia, Minn.</i>
Samuel A. Cvikota	<i>La Crosse, Wis.</i>	Sanketh Sampath Narmnada	<i>Urbandale, Iowa</i>
Aiden M. DeWitt	<i>Dubuque, Iowa</i>	Gary Layne Norris	<i>Arvada, Colo.</i>
***† Ellie Grace Diersen	<i>Kiron, Iowa</i>	Nicolas Daniel Oneto Santana	<i>Dorado, Puerto Rico</i>
Ruthvik S. Done	<i>Elmhurst, Ill.</i>	Kyle Donald Owens	<i>Lake in the Hills, Ill.</i>
* Bradenn David Droegmiller	<i>Milford, Iowa</i>	Edward Babatunde Oyetola	<i>Houston, Tex.</i>
Jackson Davis Ferguson	<i>Ankeny, Iowa</i>	Mason James Parks	<i>Glenwood, Iowa</i>
*** Chase A. Field	<i>Riverside, Calif.</i>	Nathanael David Phares	<i>Marshalltown, Iowa</i>
Garrett Campbell Fields	<i>La Crescent, Minn.</i>	Justin Edison Pullman	<i>Dunlap, Ill.</i>
** Victoria Fleming	<i>Des Plaines, Ill.</i>	Jacob Connor Raby	<i>Des Moines, Iowa</i>
Ben D. Gardner	<i>Shoreview, Minn.</i>	Draven Ramano Ramirez	<i>Davenport, Iowa</i>
Harrison Edward Green	<i>Waconia, Minn.</i>	Benjamin T. Robinson	<i>Winona, Minn.</i>
Rachel Hans	<i>Park Ridge, Ill.</i>	* Alec Elon Rosentrater	<i>Huxley, Iowa</i>
* Mason Michael Henry	<i>Rockwell City, Iowa</i>	Michael G. Rossbach	<i>Normal, Ill.</i>
Logan John Heying	<i>Dickens, Iowa</i>	Yahriel Salinas-Reyes	<i>Des Moines, Iowa</i>
Franz Joseph Hurd	<i>Roland, Iowa</i>	*** Joseph Jonathan Schendel	<i>Spencer, Iowa</i>
Casey Dean Jacobs	<i>Milan, Ill.</i>	Daniel Reginald Sisco	<i>Bensenville, Ill.</i>
Srinath Kannan	<i>India</i>	** William Edward Skamser	<i>Ham Lake, Minn.</i>
Bryce R. Kari	<i>Rochester, Minn.</i>	Christopher James Stoeber	<i>Des Moines, Iowa</i>
Aditya Karnam	<i>Hyderabad, India</i>	Michael Nicholas Tallman	<i>Davenport, Iowa</i>
Andrew Krall	<i>Naperville, Ill.</i>	Benjamin Andrew Taylor	<i>Petoskey, Mich.</i>
Nathan Rowan Kriewald	<i>Stillwater, Minn.</i>	Anthony G. Teslenko	<i>Round Lake, Ill.</i>
Maxwell James Lang	<i>Sussex, Wis.</i>	Sydney Jo Thompson	<i>Nowthen, Minn.</i>
Jon James Lee	<i>Glenwood, Iowa</i>	* Luke Henry Timmerman	<i>Robbinsdale, Minn.</i>
Andrew J. Lewandowski	<i>Coon Rapids, Minn.</i>	* Hunter Carlen Underwood	<i>West Des Moines, Iowa</i>
Dominic Chong Sheng Lim	<i>Petaling Jaya, Malaysia</i>	** Taylor Madison Warneke	<i>Omaha, Neb.</i>
Jeffrey Lin	<i>Spring Grove, Ill.</i>	Jonathan R. Young	<i>North Barrington, Ill.</i>

Curriculum in Agricultural Engineering

*** Grace Elisabeth Bjstrom	<i>Eldridge, Iowa</i>	Rowan Putman	<i>Belton, Mo.</i>
*** Kurt Jacob Brase	<i>Edwardsville, Ill.</i>	* Benjamin Paul Quade	<i>Manson, Iowa</i>
Christian Jeffrey Erwin	<i>Glenwood, Iowa</i>	* Jaren Michael Rathje	<i>Bryant, Iowa</i>
** Michaela Lynn Evans	<i>Emerson, Iowa</i>	Chad J. Schechinger	<i>Harlan, Iowa</i>
** Nathan Alan Helgerson	<i>Lansing, Iowa</i>	Jacob Randall Verhelst	<i>Nora Springs, Iowa</i>
Jamison John Owens	<i>Chariton, Iowa</i>		

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Curriculum in Biological Systems Engineering

*† Megan L. Hellman	Cedar Rapids, Iowa	Grace Margaret Sichmeller	Saint Joseph, Mich.
Madeleine Elizabeth McMahon	Brunswick, Ga.		

Curriculum in Chemical Engineering

Samuel William Boerner	Cedarburg, Wis.	** Nicole Marie Lorang	Eagan, Minn.
Andrew James Dorang	Ames, Iowa	Mikolaj Jozef Malinski	Barrington, Ill.
Connor William Gedwill	Hot Springs Village, Ark.	Ryan Patrick McDermott	Olathe, Kans.
** Evalina Hope Grimaldi	Altoona, Iowa	*** Mya Nicole O'Connell	Manly, Iowa
Andrew Michael Haberkorn	Bettendorf, Iowa	Madison Renae Parks	Council Bluffs, Iowa
Kaylee Ann Holthaus	Cedar Falls, Iowa	*** Josef Alexander Schmitz	Ballwin, Mo.
David Thomas Joyce	Barrington, Ill.	Jack Robert Sloyan	Downers Grove, Ill.
Kyle James Kelly	Scotts, Mich.	* Brooke Elizabeth Steimel	Waterloo, Iowa
Riley Ann Kuennen	West Des Moines, Iowa	Maggie V. Toepfer	Springfield, Ill.
*** Matthew Vincent Laws	Ames, Iowa	** Grayson Quang Tran	Davenport, Iowa
Steve Lee	Carrollton, Tex.	Teresa Adriana Wijaya	Jakarta, Indonesia

Curriculum in Civil Engineering

Garrett Thomas Aesoph	Sioux City, Iowa	Mark Allen Lloyd	Martinstown, Mo.
Dakota Carson Belling	Granger, Iowa	Hadarahy Nayeli Macias	Des Moines, Iowa
Jack Belloli	Geneva, Ill.	Juan Jose Matson Viani	Weston, Fla.
Alexandria Catherine Birlingmair	Kansas City, Mo.	Matthew Payne Morton	Tolleson, Ariz.
Nicholas Bruinsma	Bettendorf, Iowa	Edgar Orihuela	Sioux City, Iowa
Charles Isaac Brumbaugh II	Des Moines, Iowa	Tyson G. Prentice	Spicer, Minn.
Joel Kermit Carlson	Saint Ansgar, Iowa	Mateo Ramirez	Cedar Rapids, Iowa
Kurt Clay Garwood	Urbandale, Iowa	Ethan Alexander Spidle	Urbandale, Iowa
* Bryce R. Golden	Eldridge, Iowa	Yifan Sun	Tianjin, China
** Andrew Jeffrey Guth	Metamora, Ill.	Jessica Ann Szynskie	Omaha, Neb.
Parker Allen Lloyd Hulbert	Rhodes, Iowa	Samuel Conrad Tomek	Iowa City, Iowa
Lucas Benjamin Johns	Geneseo, Ill.	* Mitchell Stephen Wendler	Madison, Wis.
Martin Andrew Kline	Downers Grove, Ill.	Chongyi Xian	Shenzhen, China
Logan Edward Lagrange	Walford, Iowa		

Curriculum in Computer Engineering

Alex Reed Blomquist	Minnetonka, Minn.	Riley Allen Millam	Blooming Prairie, Minn.
Branden William T. Butler	Dakota Dunes, S. Dak.	Kristen Jane Nathan	Monticello, Minn.
Daniel Shea Chrisman	Elmhurst, Ill.	*** Joel Gerard Neppel	Ames, Iowa
Eduardo Contreras	Tipton, Iowa	Jorge Giovanni Ortiz	Humacao, Puerto Rico
*** Will Nicholas Galles	Remsen, Iowa	*** Aiden Lee Petersen	Coralville, Iowa
Matthew Jaewoo Kim		** Tyler James Lee Rolston	Ames, Iowa
	Daejeon, South Korea	* Cutler Allen Thayer	Waukee, Iowa
***† Gregory Theodore Ling	San Jose, Calif.	Evan Michael Uhlmeyer	Ames, Iowa
Laura Andrea Mejia Toledo	West Des Moines, Iowa	Isaac Meier Vrba	Mount Auburn, Iowa

Curriculum in Construction Engineering

John Lawrence Dickens	Coralville, Iowa	Thomas Conner Nolan	Johnston, Iowa
** Zachary James Eaton	Urbandale, Iowa	Jacob S. Randall	Batavia, Ill.
Ryan Michael Farrell	Davenport, Iowa	Tyler Jacob Rodgers	Ankeny, Iowa
Trevor Dillon Formanek	Ankeny, Iowa	Maverick Daniel Tjaden	Anamosa, Iowa
Jack Knox	Plymouth, Minn.	Micheal John Tweten	Hanover, Minn.
Zachary Troy Lewis	Bettendorf, Iowa	Nathan L. Whisler	West Des Moines, Iowa
Jordan Alexander Macias	Neola, Iowa	Matthew Frank Zarnowski	Manhattan, Ill.
Ben Steven Nelson	Pella, Iowa	Justin Gage Zavodsky	Pleasantville, Iowa
Deanna Marie Nelson	Lincoln, Neb.		

* Cum Laude
** Magna Cum Laude

*** Summa Cum Laude
† Honors Program

Curriculum in Cyber Security Engineering

Benjamin C. Amick	Urbandale, Iowa	Ella Divali Knott	Des Moines, Iowa
Christian M. Boughton	Spring, Tex.	Steven Michael Tompany	Chicago, Ill.
* Jadelynn Cheatum	Iowa City, Iowa	Sophie B. Waterman Hines	Iowa City, Iowa
Camille Rose Cramer	Pearland, Tex.		

Curriculum in Electrical Engineering

* Nathan Ayers	Cedar Rapids, Iowa	*† Katherine Rose Moretina	Kansas City, Mo.
* Ethan J. Baranowski	Overland Park, Kans.	** Hannah Grace Nelson	Ankeny, Iowa
Isaac Michael Buettner	Kuala Lumpur, Malaysia	*** Garrett Thomas Powell	Marion, Iowa
** Matthew Edward Caron	Villa Park, Ill.	Hassein Ali Sheronick Rife	Marion, Iowa
* Adam R. Curtis	Dubuque, Iowa	Rodrigo Wilfredo Romero Hernandez	Anamoros, El Salvador
Reece Allen Dodge	Cedar Rapids, Iowa	** Jake Francis Roskopf	Solon, Iowa
Regassa Haro Dukele	Sioux City, Iowa	Mark Thomas Sandstrom	Rochester, Minn.
Mohamedelbashir Eltigani	Ames, Iowa	Samuel Thomas Schaphorst	Omaha, Neb.
Cristofer Kin Espinoza	Saint Charles, Ill.	Tyler William Smith	New Lenox, Ill.
Ryan Anthony Foster	Ankeny, Iowa	** Joshua Thomas Thater	Kirkwood, Mo.
Colin Nicholas Frank	Cedar Rapids, Iowa	Jon Tucker Thomas	Des Moines, Iowa
** Andrew Stephen French	Cedar Rapids, Iowa	Kyle Thompson	West Des Moines, Iowa
Ethan James Gabriel	Davenport, Iowa	* Larry Trinh	Waukee, Iowa
Anna Marie Hackbarth	Iowa Falls, Iowa	Nathan Andrew Trotter	Cedar Rapids, Iowa
*** Jackson Macguire Hafele	Groveland, Ill.	Astha Upadhyay	Greater Noida, India
** Caleb Michael Kitzelman	Wildwood, Mo.	Evan William Walters	Byron, Ill.
*** Emile Albert Kum Chi	Yaounde, Cameroon	Caden Charles Wortman	Cedar Rapids, Iowa
***† Ohik Kwon	Incheon, South Korea	** Robert Zukowski	Wilmette, Ill.
* Michael Levin	Highland Park, Ill.		
Chin-Yen Liang	Plymouth, Minn.		

Curriculum in Environmental Engineering

Chase Joseph Brunnworth	O'Fallon, Mo.	Jonathan Walter Musel	Clive, Iowa
Casey Nathaniel Downing	Omaha, Neb.	Jonathan S. T. Papiani	Des Moines, Iowa
Bryce Michael Kohls	Norwalk, Iowa	Daniel A. Stinson	Elkhorn, Neb.

Curriculum in Industrial Engineering

** Vaidehee Devendra Bahirat	Pune, India	Trevor Paul Klippen	Shakopee, Minn.
Lucas Matthew Baker	Waterford, Wis.	Alexus Grace Lawler	Jacksonville, Fla.
Matthew Willard Bindel	Bellevue, Neb.	* Grace Dorothy Ledvina	Somerset, Wis.
Lucas Daniel Boyd	Ames, Iowa	* Katherine E. Leiseth	Moorhead, Minn.
Brandon Michael Burgess	Asbury, Iowa	Jacob B. Marks	Ames, Iowa
Kylie Kristine Cooper	Blaine, Minn.	** Kundan Paudyal	Kathmandu, Nepal
Chelsea Liane Davis	Dubuque, Iowa	Noel Robert Preslicka	Savage, Minn.
James C. Donovan	Edina, Minn.	Alexander A. Pulido	Sunrise, Fla.
Eric R. Exner	Janesville, Wis.	Ryan Gerald Smit	Wellman, Iowa
Charles Wyatt Gavin	Cedar Rapids, Iowa	** Andrew Dean Thompson	Rochester, Minn.
Jonathan Alan Harrah	Plymouth, Minn.	Dreyton A. Vander Werf	Pella, Iowa
* Pierce C. Harrington	Mineola, Iowa	Luke John Vathing	Savage, Minn.
* Riley Alex Hogan	Elk River, Minn.	* Soren Berg Wagstrom	Saint Paul, Minn.
Joseph L. Hubert	Omaha, Neb.	* Kegan Nicole Wall	Quincy, Ill.
* Evelyn R. Kelley	Oak Park, Ill.	* Alan Wang	Iowa City, Iowa

Curriculum in Materials Engineering

** Charlotte Alexandra Bruchal	Seattle, Wash.	** Jarrett Lee Loseke	Gowrie, Iowa
* William Peter Brumm	Ames, Iowa	*** Connor Thomas Osborn	Rochester, Minn.
Meredith Anne Bunker	Overland Park, Kans.	***† Rebecca Elizabeth Patush	Joliet, Ill.
Kody Lee Crawford	Dysart, Iowa	** Erin Michele Peters	Taylor Ridge, Ill.
Lily Theresa Cronin	Oswego, Ill.	Sylwia Agnieszka Sulikowski	Barrington, Ill.
Maria Lebedeva	Ames, Iowa		

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Curriculum in Mechanical Engineering

Dominic Daniel Abbott	Somerset, Wis.	Donna Huynh	Elgin, Ill.
Mohammed Abdeltam Mohammed	Iowa City, Iowa	Nkechinyere Ruth Igwe	Urbandale, Iowa
Hussain M. Al Sadeq	Al Qatif, Saudi Arabia	Blake C. Juszczyk	Antioch, Ill.
* Jenna Marie Alstead	Fulton, Ill.	** Trevor Allen Ketcham	Albion, Iowa
Spencer Lee Arensdorf	Dubuque, Iowa	Samuel Phillip Killion	Council Bluffs, Iowa
Alec Christopher Benbow	Melbourne, Iowa	Evan Parker Kilstrom	Bettendorf, Iowa
Arick Bhowmik	Anaheim, Calif.	Ellen W. Kirkpatrick	Colo, Iowa
* Isaac Nathan Bibus	Cottage Grove, Minn.	Blake Andrew Klemme	Davenport, Iowa
** Cole A. Borron	Lee's Summit, Mo.	** Marcus John Klemme	Spencer, Iowa
Brittan S. Bowman	Fairfield, Iowa	Wee Sean Koh	Puchong, Malaysia
** Eric William Boyd	Arlington Heights, Ill.	Luke Thomas Kolodziej	Crystal Lake, Ill.
** Michael August Boyce	Gurnee, Ill.	Nathan Michael Kopp	Crystal Lake, Ill.
** Michael Lynn Bracht	West Point, Neb.	Owen Leif Laumbach	Cologne, Minn.
Samuel R. Brady	Davenport, Iowa	Michael J. Lawlor	Le Claire, Iowa
** Andrew Cole Bransky	Solon, Iowa	*** Erik Christian Ledet	Huxley, Iowa
Faith Anne Burroughs	Washington, Ill.	Brandon Tyler Lemme	Deerfield, Ill.
** Cassidy R. Carolan	Decorah, Iowa	Colby Ray Lienemann	Dows, Iowa
Jad Adam Carter	Bloomington, Ill.	Thomas C. LoBianco	Muscatine, Iowa
* Kiah Jean Christopherson	Burnsville, Minn.	Valerie Nicole Mansur	Lincoln, Neb.
Connor Clyde Chua	Kuala Lumpur, Malaysia	Kyle James Mattila	Brooklyn Park, Minn.
Drew D. Clark	Carbondale, Ill.	Alexander Logan McAvoy	Geneseo, Ill.
* William J. Coakley	Niles, Ill.	** Lane Kendall Meder	Riverside, Iowa
** Colin William Conti	Batavia, Ill.	Justin Merkel	Clinton, Iowa
Robert William Crawford IV	Iowa City, Iowa	* Anika Kate Miller	Hampton, Iowa
Olivia Jo Crook	West Liberty, Iowa	* Jacob Michael Mohr	Williamsburg, Iowa
Anthony David	Maple Grove, Minn.	** Faith Lin Xiu Tao Moss	Rockford, Ill.
Brandon D. David	Batavia, Ill.	Anahy Nunez-Beltran	Ottumwa, Iowa
Lilyana Katherine David	Saint Paul, Minn.	Declan Sean O'Brien	Grimes, Iowa
Mark Robert Dengler	Stillwater, Minn.	** Nathan Carl Osberg	Lake in the Hills, Ill.
Arik William Diaz	Des Moines, Iowa	William Adam Parten	Excelsior, Minn.
Tadeas Diress	Ames, Iowa	Ethan Thomas Penne	Altoona, Iowa
Brandon Thomas Dreier	Center Point, Iowa	Curtis Quantarius Powell	Round Lake, Ill.
Zackery Dale Drumm	Davenport, Iowa	** Jamie Danielle Preston	Ames, Iowa
* Celeste Catherine Enyeart	Ames, Iowa	Yugendiran Ravichandran	Bartlett, Ill.
* Kyle Edward Evers	Mount Prospect, Ill.	Jonathan Ravishankar	Chennai, India
Nicholas Hector Faith	Savage, Minn.	Tyler Dean Reis	Rolfe, Iowa
Ilian Farbman	Northbrook, Ill.	Michael Joseph Rose	Brecksville, Ohio
* Nicholas Robert Felbinger	North Aurora, Ill.	Jakob Levi Roth	Richmond, Tex.
* Matthew Benjamin Floyd Jr.	Des Moines, Iowa	Cole Gregory Scheckel	Davenport, Iowa
*** Jacob P. Fosse	Cedar Rapids, Iowa	*** Christopher Robert Schell	Altura, Minn.
* Andrew Lane Fulcher	Peoria, Ill.	Payton C. Schnier	Clinton, Iowa
* Zachary D. Getting	Woodbury, Minn.	****† Aaron Nicholas Schoon	Goose Lake, Iowa
Ahmed Maged Gharib	Cairo, Egypt	Jayden Schweitzer	Ellsworth, Iowa
Jason Taylor Godi	Alton, Ill.	* Reid Jackson Sears	Leawood, Kans.
Matthew Allen Greiner	Ames, Iowa	Lucas Seegers	Crystal Lake, Ill.
** Samantha Clare Guido	Hinsdale, Ill.	Theron J. Sorensen	Omaha, Neb.
Charles Gabriel Haefner	Cedar Rapids, Iowa	** Carter Joseph Spore	Dysart, Iowa
* Carson Scott Hagberg	Eden Prairie, Minn.	Alex Andrew Still	Hudson, Wis.
* William Blackmore Hager	St. Louis Park, Minn.	** Zane Eston Stocks	Waterloo, Iowa
Cole Y. Hannah	Parkville, Mo.	Jacob Talbot	Rochester, Minn.
* Taylor J. Hanson	Cedar Falls, Iowa	** Nathan Douglas Tanner	Nevada, Iowa
** Trevor Jay Hanson	Woodbury, Minn.	Diwash Thapa	Davenport, Iowa
Hope Elizabeth Harper	Des Moines, Iowa	Tom John Thomas Jr.	Bloomington, Ill.
** Nathanael Christopher Hayes	Fort Dodge, Iowa	** Caleb James Thompson	Des Moines, Iowa
****† Aaron Edward Hendricks	Fairmont, Minn.	Joel Phillip Tobben	Metamora, Ill.
Luis Angel Hernandez-Vasquez	Houston, Tex.	Alfonso Tovar	Crest Hill, Ill.
Braedon Allen Heun	Johnston, Iowa	*** Mattan Samuel Tseng	Elk Grove Village, Ill.
Michael William Hodul	Dubuque, Iowa	Devin Matthew Turner	Bondurant, Iowa
** Benjamin Michael Hones	Pella, Iowa	Kevin Verschoor	Mount Prospect, Ill.
Zachary Daniel Hursh	Saint Charles, Minn.	Ryan Michael Volin	Lincoln, Neb.

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Ashlynn Mae Williams	Carlisle, Iowa	Alejandro Zafra Jimenez	Majadahonda, Spain
** Preston Lee Witte	Ames, Iowa	*** Frank L. Zhang	Cedar Falls, Iowa
Austin David Yost	Logan, Iowa	Ruochen Zhang	Beijing, China
* Nicholas Miles Yowell	Iowa City, Iowa	Abigail N. Zumpano	Bloomington, Ill.

Curriculum in Software Engineering

Lith Almadani	Ames, Iowa	* Phuoc Thien Nguyen	Urbandale, Iowa
Cade Carman Breeding	Eden Prairie, Minn.	Isaac Anthony Plambeck	Sioux City, Iowa
Samuel Joseph Caldwell	Ankeny, Iowa	Will Goddard Postler	Iowa City, Iowa
** Christopher Jacob Cannon	Lisbon, Iowa	Samuel George Rettig	Marion, Iowa
*** Patrick Joseph Demers	Sioux City, Iowa	*** Kyle James Rooney	Sheffield, Iowa
Daniel James Duerr	Champlin, Minn.	Selma Saric	Des Moines, Iowa
* Chee Hau Fong	Ames, Iowa	** Elias Pritchard Simpson	Ames, Iowa
Jonathan Patrick Giblin	Des Moines, Iowa	*** Kiara Allysa C. Sta. Maria	Ames, Iowa
* Kyle James Goben	Johnston, Iowa	** Franklin Brian Sullivan	Eagan, Minn.
Jon Luis Gonzalez	Hatillo, Puerto Rico	** Alex James Swenson	Osage, Iowa
Yadiel Johnson	Webster City, Iowa	Chase Ivan Thompson	Davenport, Iowa
Jeffery Michael Kasper	Belle Plaine, Minn.	Michael Richard Wieland	West Des Moines, Iowa
Riley J. Lawson	Madrid, Iowa	Derrick Lamont Wright Jr.	Clinton, Iowa
*** Theng Wei Lwe	Petaling Jaya, Malaysia	Wenqin Wu	Wuhan, China
Ainara Beatriz Machargo	Gurabo, Puerto Rico		

Multiple Curricula and Majors

*** Ian Brendan Dalton	Barrington, Ill.	* Brennan C. Seymour	Ames, Iowa
Mechanical Engineering and Liberal Arts and Sciences: Major in Computer Science		Software Engineering and Liberal Arts and Sciences: Major in Mathematics	
Alec Henry Matzat	Cedar Rapids, Iowa	** Jared David Staskal	Iowa City, Iowa
Materials Engineering and Liberal Arts and Sciences: Major in Geology		Software Engineering and Liberal Arts and Sciences: Major in Mathematics	
*** Rudolph Antoine Nahra	North Liberty, Iowa	** Paige Allison Wogahn	Wisconsin Rapids, Wis.
Computer Engineering and Liberal Arts and Sciences: Major in Mathematics		Materials Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	
Gregory Keith Scheibal	Sparta, Ill.		
Chemical Engineering and Liberal Arts and Sciences: Major in Chemistry			

CANDIDATES FOR DEGREES FROM THE COLLEGE OF HUMAN SCIENCES

BACHELOR OF SCIENCE

Curriculum in Apparel, Merchandising, and Design

Cathryn K. Abbott	Clinton, Iowa	*** Ryan Patrick Kodama	Riverside, Ill.
Gunner Todd Avis	Blue Grass, Iowa	Jefferson Q. Le	Des Moines, Iowa
*** Emily Rose Becker	Slinger, Wis.	** Paige McEachran	Nora Springs, Iowa
Paola Castaneda	Rock Valley, Iowa	Jarod C. Montavon	Sycamore, Ill.
Gabriella Codina	Oswego, Ill.	Chuong N. Nguyen	Des Moines, Iowa
Madeline Elizabeth Cox	Ankeny, Iowa	Bryan Pena	Denison, Iowa
Makaila Cara Crouch	Ankeny, Iowa	* Bethany Marie Schleisman	Lake City, Iowa
Regan Summer Erwin	Overland Park, Kans.	Olivia Pearl Vagts	Scottsdale, Ariz.
Hailee Alyssa Fillenworth	Elkader, Iowa	Jessica Zuniga	Houston, Tex.
Nicole Lee Guerin	Fort Dodge, Iowa		

Curriculum in Culinary Food Science

Keilen Shamon Bryant Saint Louis, Mo.

Curriculum in Dietetics

Ryan P. Davis Knoxville, Iowa

Curriculum in Early Childcare Education and Programming

Kaitlyn Marie Warren Zearing, Iowa

Curriculum in Early Childhood Education

** Erica Lauren Blankenship	Knoxville, Iowa	Maggie Melaine McGrane	Manchester, Iowa
Heidi Marie Jenvold	Nevada, Iowa	Esthela G. Perez-Prieto	Sioux City, Iowa

Curriculum in Elementary Education

** Lindsey Diane Andersen	Kirkman, Iowa	Kasia M. Johnson	Jefferson, Iowa
** Brenden Robert Ball	Urbandale, Iowa	Kathleen Ann Kimmel	Bettendorf, Iowa
** Nicole J. Bauer	Carroll, Iowa	*** Cael Jaydon Klein	Ames, Iowa
*** Kate Anne Benson	Lakeville, Minn.	** Sabrina T. Konchan	Des Moines, Iowa
Patricia Bistrican	Perry, Iowa	Grace Ann Lilienthal	Urbandale, Iowa
Megan Nicole Chebuhar	Waukee, Iowa	Vivian Arlet Longden Aquino	Des Moines, Iowa
Marissa Maree Cosgrove	Cedar Rapids, Iowa	** Emma Kayleen Ludvigsen	Clinton, Iowa
** Kylie Sue Davis	Richland, Iowa	** Rylee Ludwig	Breda, Iowa
Jocelyn Desiree Digby	Ames, Iowa	*** Gracey Lynn May	Indianola, Iowa
** Grace Elizabeth Doolittle	Overland Park, Kans.	** Reagan Alyssa McIlrath	Laurel, Iowa
Linsey Dowling	Lombard, Ill.	*** Lauren Katherine Meinel	Wisconsin Rapids, Wis.
*** Emily Anne Fahrendholz	Sioux City, Iowa	Allison Taylor Moen	Des Moines, Iowa
* Elizabeth Ellen Gannaway	Sully, Iowa	** Megan Jewel Monroe	Urbandale, Iowa
** Bianca Abigail Granados Raya	Marshalltown, Iowa	** Sean Patrick Moran	Denison, Iowa
* Abbey Elizabeth Griffin	Albia, Iowa	Nikole Kaur Naberhaus	Ames, Iowa
** Megan Kimberly Hadaway	Huxley, Iowa	Anastasya D. Nauman-Larson	West Des Moines, Iowa
** Anna Patrice Holloway	Panora, Iowa	* Katherine Eleanor Northrop	Minneapolis, Minn.
** Abbey Rose Jackson	Knoxville, Iowa	* Lilly Fay Otterson	Rochester, Minn.
*** Madaline Jacobs	Dixon, Ill.		

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Nicklaus Payne Pelger	Ames, Iowa	Lillian Kathleen Stabe	Akron, Iowa
Violeta Ramirez	Sioux City, Iowa	Italia Rose Tarara	Stillman Valley, Ill.
** Kennedy Jo Rentschler	Marion, Iowa	Jennifer E. Terry	Apple Valley, Minn.
*** Lauren Kay Retka	Spring Lake Park, Minn.	* Ardalia M. Tracy	Bettendorf, Iowa
** Kristen Elizabeth Rohdy	New London, Iowa	* Ella Christine Waggoner	Clive, Iowa
Hunter Renee Ruggles	Bondurant, Iowa	Lindsey Nicole Werts	Altoona, Iowa
***† Emma Leah Schluttenhofer	Clarion, Iowa	*** Rachel Nadine Wilkerson	Long Grove, Iowa
* Maddie Ruth Simons	Carroll, Iowa	* Paige Corren Willey	Clarion, Iowa
Makenzie M. Smith	Charter Oak, Iowa	Kyndal Clarrissa Williams	Des Moines, Iowa
Hai D. Soe	Des Moines, Iowa	*** Kendall Lane Wilson	Sigourney, Iowa

Curriculum in Event Management

* Savannah Marie Baker	Central City, Iowa	Audrey Grace Leo	Grosse Pointe, Mich.
** Alexa Marie Brincks	Carroll, Iowa	* Carley Jo McMains	West Branch, Iowa
** Lydia Rose Broadhead	Ankeny, Iowa	Emily Thao Notch	Des Moines, Iowa
Shelby Ann Christians	Solon, Iowa	** Janalyn Dawn Olson	Adel, Iowa
Mckenna Marie Clark	Carlisle, Iowa	** Sarah Rene Pattschull	Urbandale, Iowa
** Lily Ann Couchman	West Des Moines, Iowa	Brandon Dean Schutte	Blue Grass, Iowa
** Nicole E. Eaton	Clive, Iowa	* Emily Rose Scieszinski	Urbandale, Iowa
** Grace Luense Edwards	Marion, Iowa	* Delayne Morgan Shawback	Elkhorn, Wis.
Janey Lyn Furnald	Clive, Iowa	** Kenna Marie Smith	Mount Pleasant, Iowa
** Christina Marie Garnett	Madison, Wis.	*** Elle Ann Sneller	Sioux City, Iowa
Aubrey Lynn Gipson	Davenport, Iowa	Carter Rose Wulf	Johnston, Iowa
*** Jenna Rose Ledbetter	Houston, Tex.		

Curriculum in Family and Consumer Sciences Education and Studies

Katherine Marie Bleeker	Ankeny, Iowa	*** Hannah Leigh Uhrich	Bettendorf, Iowa
Mackenzie Danielle Sleeth	Des Moines, Iowa	** Annie L. Vannoy	Runnells, Iowa
*** Ceandra L. Staub	De Witt, Iowa	*** Ashley Ellen Yedlik	Lone Tree, Iowa

Curriculum in Financial Counseling and Planning

Kassidy Jean Rinderknecht	Clive, Iowa
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Curriculum in Food Science

Advait Anand	Dubai, United Arab Emirates
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Curriculum in Hospitality Management

Jasmine T. Brewton	Des Moines, Iowa	** Mia Roe Nichols	Treynor, Iowa
Christin Y. Hsieh	Taipei, Taiwan	* Olivia Rae Sorenson	Neenah, Wis.
Ryan John Luedtke	Davenport, Iowa		

Curriculum in Human Development and Family Studies

Emaleigh Irene Barber	Earlham, Iowa	** Natalie Marie Helbling	Granger, Iowa
Camryn N. Drummond-Croy	Des Moines, Iowa	*** Rory Anne Cruickshank Heywood	Skamokawa, Wash.
Callie R. Evans	Madrid, Iowa	Alyssa Angelique Rodriguez	Davenport, Iowa
Sophia Josephine Fett	Carlisle, Iowa	* Clarissa Kay Sickles-Harr	Greenfield, Iowa
** Abigail Danielle Garlock	West Des Moines, Iowa	Rachel Beth Thomas	Fairfield, Iowa
Addie Rae Grogan	Ankeny, Iowa	Kylee Janae Versluis	Spencer, Iowa
* Cassidy Faith Grove	New Hampton, Iowa		

Curriculum in Kinesiology and Health

** Rebecca Anselme	Ankeny, Iowa	Julien Jon Paul Broderson	Davenport, Iowa
** Jodi Lynn Barr	Waukee, Iowa	Dillon Mitchell Burns	Des Moines, Iowa
** Karlie Joy Bartlett	Ames, Iowa	Vanessa Zhiming Chong	Ames, Iowa
** Anna Alexandria Borisenko	West Des Moines, Iowa	Jacob Cook	Fort Dodge, Iowa

* Cum Laude
** Magna Cum Laude

*** Summa Cum Laude
† Honors Program

***† Hunter Dru Davenport	Marshalltown, Iowa	*** Kamryn Faith O'Brien	Grimes, Iowa
*** Isabelle Laynie Devnich	Altoona, Iowa	* Kenzie Jo O'Connor	Center Point, Iowa
Colton Michael Feeley	Dallas Center, Iowa	*** Drew Chadwick Schmidt	Johnston, Iowa
Nidia E. Garcia-Rodriguez	Des Moines, Iowa	* Gertrude Kara Schoepfer	Ames, Iowa
Thomas John Geren	Ankeny, Iowa	Bryce Schott	Lake Park, Iowa
*** Kathryn Henkenius	Monroe, Iowa	Brendan Michael Sellberg	Ames, Iowa
Nolan James Johnson	Fort Dodge, Iowa	*** Meghan Marie Sheridan	West Des Moines, Iowa
Mason Thomas Johnston	Pella, Iowa	*** Carolyn Grace Steffen	Polk City, Iowa
** Madison Rose Kauth	Kahoka, Mo.	Blake James Stewart	Fairfax, Iowa
*** Joshua David Klinge	Waverly, Iowa	Wyatt Michael Stucky	Hinton, Iowa
** Jenna Amy Kuelbs	Delano, Minn.	Sophia Marie Vitale	Crystal Lake, Ill.
Rudolph Matthew Kuss	Grafton, Wis.	Brittany Anne Wasden	Winterset, Iowa
Luke William Lahart	Chariton, Iowa	Bryce R. Wasik	Yorkville, Ill.
* Jorge Martinez Jr.	Elgin, Ill.	* Jaci Erin Whitten	Runnells, Iowa
** Cora Rose McAlister	Coon Rapids, Iowa	Ethan Alexander Wulf	Davenport, Iowa

Curriculum in Nutritional Science

Hannah Mary Britten	Ankeny, Iowa	***† Luke William Westrick	La Grange, Ill.
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CANDIDATES FOR DEGREES FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

BACHELOR OF ARTS

Major in Advertising

Brett Michael Anderson	Ankeny, Iowa	Sara Mari Lemlin	Fairfield, Iowa
Connor Michael Becker	Johnston, Iowa	Taylor N. Morris	Estherville, Iowa
Abigail Marie Hughes	Johnston, Iowa	Joshua Paul Pierce	Ames, Iowa

Major in Anthropology

Donald Lee Carpenter	Des Moines, Iowa
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Major in Biological/Pre-Medical Illustration

Madeleine A. Boullion	Missouri City, Tex.
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Major in Chemistry

Ashley Kouski	Des Moines, Iowa
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Major in Communication Studies

* Sadie Ann Brocka	Urbandale, Iowa	Madeline Laurie Joyce	Geneva, Ill.
Hunter Michael Dekkers	Hawarden, Iowa	Hunter Dellis Long	Wesley, Iowa
Palmer Curtis Drum	Eldora, Iowa	*** Matthew James Mercurio	Elk Grove Village, Ill.
* Delaney Jo Ehn	Pocahontas, Iowa	* Olivia Rene Roush	West Des Moines, Iowa
Jaden John Hierseman	West Branch, Iowa	Kate Lindsey Silkmitter	Treynor, Iowa

Major in Computer Science

Michael Robert O'Brien	Dubuque, Iowa	Kenyon D. Thomas	Davenport, Iowa
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Major in Criminal Justice

Erika N. Butenhoff	Ames, Iowa	Ryan Evar Nord	South Elgin, Ill.
Dakota L. Clark	Springville, Iowa	Kamari Marquios Palimore	Urbandale, Iowa
** Alexis Nicole Engelbrecht	Durham, N.C.	Krystina M. Quattrocchi	Aurora, Ill.
Takahiro Furukawa	Sapporo, Japan	Samuel Andrew Rengert	Milford Center, Ohio
Natasha Pauline Garcia	Webster City, Iowa	** Jillian Elizabeth Seweryn	Chicago Ridge, Ill.
Edward Joseph Gibson	Tallahassee, Fla.	Ethan Drew Shelton	Ankeny, Iowa
Yesenia Gonzalez	Park City, Ill.	Sasha Alejandra Sinecio	Glenwood, Iowa
Kaleb Anthony Kroll	Boone, Iowa	*** Sydney Joy Te Slaa	Orange City, Iowa
Patrick Stewart McCormick	Plainfield, Ill.	Cecelia Celine Torres	Sioux City, Iowa
* Courtney Erin Murphy	Radcliffe, Iowa	Aaliyah Josephine Williams	Columbia, Mo.

Major in English

Megan Marie Bauer	Templeton, Iowa	Emily Romolo	Northlake, Tex.
* Abigail Rose Bylund	West Des Moines, Iowa	Benjamin James Sampson	Carroll, Iowa
Dominick Campbell	Carlisle, Iowa	** Morgan Alexis Sheeder	Guthrie Center, Iowa
Crystal Millan-Herrera	Primghar, Iowa	Hannah Marianne Varble	Waconia, Minn.

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Major in History

Rhiannon J. Pearson *Orland Park, Ill.*

Major in Linguistics

Steve Beyerink *Des Moines, Iowa* ** Elyse Mae Hall *Urbandale, Iowa*
*** Kierah Jade Dau *Denison, Iowa* * Taylor Olivia Lors *Norwalk, Iowa*
Kelli Rose Dorwart *Waukee, Iowa*

Major in Music

*** Alex Paul Schwarte *West Des Moines, Iowa*

Major in Performing Arts

Matthew James Hennessey *Marion, Iowa* * Mónica Toro Lebrón *Trujillo Alto, Puerto Rico*
Zachary Paul Hodgson *Urbandale, Iowa*

Major in Political Science

Ethan J. Beech *Cedar Rapids, Iowa* Allison Marie Lundberg *Fort Dodge, Iowa*
Donald Lee Carpenter *Des Moines, Iowa* John Patrick Clemons Swanson *Waseca, Minn.*
James William Crump *Muskego, Wis.* *** Trinity Viera Vorm *Des Moines, Iowa*
Braden Paul Hayes *Burlington, Iowa* Shawn Robert Wesselmann *Iowa Falls, Iowa*
Sophia Marie Johnson *Rock Island, Ill.* *** Hongming Zhang *Coral Springs, Fla.*

Major in Psychology

Amanie Altall *Cedar Rapids, Iowa* * Anna Marie Kahle *Norway, Iowa*
Taryn Denver Marie Anderson *Gilbert, Iowa* Katelyn Marie Korpi *Owatonna, Minn.*
** Kayli E. Baldwin *North Liberty, Iowa* *** Evan J. Moon *Polk City, Iowa*
Noah Gabriel Berry *West Des Moines, Iowa* * Jenna Christine Peterson *Inverness, Ill.*
*** Daniel Jin Cantrell *Ankeny, Iowa* Bradley W. Pflughaupt *Coggon, Iowa*
Tyler Thomas Conrad *Spencer, Iowa* Annmarie Rose Ramsey *Crest Hill, Ill.*
Delaney E. Filling *Ankeny, Iowa* Haley Still *Knoxville, Iowa*
Olivia G. Gloe *West Des Moines, Iowa* Erin Drew Tedrow *Cantril, Iowa*
Sloane Louise Harris *Sioux City, Iowa* Kailey Teller *Phoenix, Ariz.*
** Victoria Grace Huss *Sioux Center, Iowa* ** Emily Timmerman *Alden, Iowa*
Morgan Kay Jamison *Emmetsburg, Iowa* † Briyahn Warner *Des Moines, Iowa*

Major in Religious Studies

Luke Robert Zobel *Muscatine, Iowa*

Major in Sociology

Jordan Emmanuel Magana *Sioux City, Iowa* Zoey Watson *Des Moines, Iowa*
Emilee Melissa Joan Tilton *West Des Moines, Iowa*

Multiple Curricula and Majors

Marianne K. Aldrich *Urbandale, Iowa* * Ananda Marie Santana Batista *Humboldt, Iowa*
Biological/Pre-Medical Illustration and World
Languages and Cultures (French) World Languages and Cultures (Spanish) and
Education
** Rebecca Alvarenga *Dubuque, Iowa* Haley Elizabeth Cantrell *Martensdale, Iowa*
Political Science and International Studies Psychology and Criminal Justice
* Hope Nicole Anderson *Fort Dodge, Iowa* ****† Leah Caroline Christopherson *Ankeny, Iowa*
Criminal Justice and Psychology World Languages and Cultures (French) and
World Languages and Cultures (Spanish) and
Education

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude

† Honors Program
‡ Posthumous Degree

Estefania Argaez Correa World Languages and Cultures (Spanish) and Education	Ames, Iowa	Lacey Rae John Psychology and Sociology	Neillsville, Wis.
** Isabelle Patricia Jean Elwood Psychology and Sociology	Decorah, Iowa	Elise Marie Kamm Criminal Justice and Psychology	Dubuque, Iowa
** Dominick James Ervelli English and Performing Arts	Carroll, Iowa	Cassandra M. Lehmann English and Education	Cedar Rapids, Iowa
*** McKenna Lee Flood English and Psychology	Cedar Rapids, Iowa	***† Ann Marie Lent Political Science and International Studies	Carlisle, Iowa
Elyse May French Psychology and Criminal Justice	Des Moines, Iowa	Presley Lynn Mammen English and Psychology	Correctionville, Iowa
Jackson Robert Froscheiser Chemistry and Education	West Des Moines, Iowa	* Emerson Nicole Mohr Psychology and Criminal Justice	Spencer, Iowa
Yasmin Yeraldi Gonzalez Criminal Justice and Sociology	Perry, Iowa	* Denae Marie Nielsen Psychology and Criminal Justice	Ankeny, Iowa
** Megan E. Groathouse Advertising and International Studies	Waukee, Iowa	Lisa Anne Roberts English and Education	Ottumwa, Iowa
** Kaitlynn Anne Harford Criminal Justice and Psychology	Marion, Iowa	** Sydney M. Roberts Women's and Gender Studies and International Studies	Jefferson, Iowa
Myles Allen Jenkins World Languages and Cultures (Spanish) and Education	Matteson, Ill.	** Haley Wegener Political Science and Environmental Studies	Crystal Lake, Ill.

BACHELOR OF LIBERAL STUDIES

Major in Liberal Studies

Brooke Nichole Anderson Marcie N. Cleland Reagan Lynn Crabtree Charles Boniface Doll Todd Wayne Elliott Kerry Anne Feldmann Katherine Lorraine Forster Abigael Gowenlock Lydia Rose Greene ** Daniel James Jacobi II *** Ella Rose Kennedy	Clear Lake, Iowa Ames, Iowa Clive, Iowa Council Bluffs, Iowa Le Mars, Iowa Terril, Iowa Brandon, S. Dak. Timnath, Colo. Keswick, Iowa Robins, Iowa Minneapolis, Minn.	** John David Leimer Connor A. Luhning * McKenna Marie McGarvey Saphire Dominique Miles * Autumn M. Noah Shine Paul Pasupuleti Emmanuel R. Raske-Cochran Sara Nichole Striley * Paige Sylvester Isaac William Thoensen Kelly James Wignall	Urbandale, Iowa Dike, Iowa Bettendorf, Iowa Davenport, Iowa Spencer, Iowa Hyderabad, India Des Moines, Iowa Camanche, Iowa Naperville, Ill. Moline, Ill. Ankeny, Iowa
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BACHELOR OF MUSIC

Major in Music

** Benjamin Eric Carlson ** Andrew Lael Flory * Rebecca Grace Gomez	Clive, Iowa Sioux City, Iowa Johnston, Iowa	** Samuel Dawes Hauser *** Sophia Rose Pike	Egan, Minn. Bettendorf, Iowa
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BACHELOR OF SCIENCE

Major in Anthropology

*** Yash Sangram Desai Abbigayle Irene Durrell	New Market, Md. Carlisle, Iowa	Landry Lauren Elman	Minnetonka, Minn.
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Major in Biochemistry

Dominick P. Bartels *** Michael William Blank Javed Jose Gomez	Monticello, Iowa Emerson, Iowa Des Moines, Iowa	Adam Matthew Pottebaum * Elizabeth Choi Ridout *† Megan Noelle Smith	Clive, Iowa Ankeny, Iowa Cedar Falls, Iowa
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Major in Bioinformatics and Computational Biology

Yizhe Tang	Jiaxing, China
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Major in Biology

* Daniel John Brown Peyton M. Burns Amanda Camps-Vélez Evelyne Guadalupe Conejo ***† Hunter Dru Davenport *** Andrew Thomas Dixon Quinn Cameron Dolan ** Alivia Nicole Fergus ** Grace Gaber Claire Elizabeth Goebel	Rochester, Minn. Norwalk, Iowa Humacao, Puerto Rico Ankeny, Iowa Marshalltown, Iowa Adel, Iowa Gurnee, Ill. Dubuque, Iowa Bondurant, Iowa Blairsburg, Iowa	* Natalee R. Greenfield Evan Lee Inserra Benjamin David Knoebel * Madison Marie Kyhl ** Sydney Rae Sales Leann Linde Skelton Cameron M. Smolik Madeline Noelle Thompson * Bailey Ann VanDusseldorp	Sioux Center, Iowa Des Moines, Iowa Des Moines, Iowa Slater, Iowa Topeka, Kans. Bonita Springs, Fla. Van Meter, Iowa Iowa City, Iowa Clear Lake, Iowa
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Major in Chemistry

Garrett Russell Brooks * Brandon Michael Ernst * Olivia G. Gralapp	Lisbon, Iowa Clinton, Iowa Lenexa, Kans.	** Noelle Hauskins * Allison Hjulberg Chloe Kyte	Faribault, Minn. Blaine, Minn. Ely, Iowa
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Major in Computer Science

** Hannah Elise Ashley Anthony Bostwick ** Colin Gregory Brenizer * Aaron S. Case *** Yin Hao Choong Jaydon L. Cobb ** Shuwei Cui Alex Domowicz * Matthew Levi Duncan Lucas Jeremiah Ericson ** Andy Guo Zhen Foo ** Alexander Matthew Foster ** Parthiv Ganguly Jake Albert Garnett ** Chen Yu Goh Stefan Nikola Guzina Brett Hull Haley Maxwell Scott Johnson *** Bhuwan Bhaskar Joshi	Waukee, Iowa Ankeny, Iowa Algonquin, Ill. Des Moines, Iowa Malaysia Mason City, Iowa Shuozhou, China Bartlett, Ill. Urbandale, Iowa Ankeny, Iowa Petaling Jaya, Malaysia Island Lake, Ill. Kolkata, India Carthage, Ill. Subang Jaya, Malaysia Roseville, Minn. Carol Stream, Ill. Lisle, Ill. Ghaziabad, India	*** Roy Chin Jie Khoo Quang Minh Le * Jayson Lee Cameron Richard Lettieri Wei Hern Lim ***† Luke Joseph Marzen * Nathan William Matthews ** Nathan Bradley McClure Zachariah Morris * Ter Xun Ng Thu Ngoc Minh Nguyen Kimberly Mei Raymer Adam Thomas Schuch William Henry Schulte ** Hunter T. Stwalley *** Kyle Alan Trebbien Michael Ian Tretter * Duong Hoang Vu Haoran Wang	Shah Alam, Malaysia Hanoi, Vietnam Klang, Malaysia Aurora, Ill. Petaling Jaya, Malaysia North Liberty, Iowa Clear Lake, Iowa West Des Moines, Iowa New Prague, Minn. Taiping, Malaysia Ho Chi Minh City, Vietnam Oglesby, Ill. Le Mars, Iowa Des Moines, Iowa La Porte City, Iowa Charles City, Iowa Plymouth, Iowa Hanoi, Vietnam Chengdu, China
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Major in Data Science

Molly Jordan Buckler Great Falls, Va. Isaac William Schennum Plainfield, Ill.

Major in Economics

Edward Castruita Des Moines, Iowa ** Reese Jacob Manternach Cedar Rapids, Iowa
Sean Joseph Kons Adel, Iowa Theodore James Terek Oswego, Ill.

Major in Environmental Science

** Kate Ann Hoheisel Hiawatha, Iowa *** Lauren Bess Walters Ankeny, Iowa
** Zoe Makay Nong Urbandale, Iowa

Major in Genetics

** Marlene K. Dorneich-Hayes St. Paul, Minn. ** Anna Margaret Scott Rochester, Minn.
** Gabrielle Faith Fitzjarrell Aurora, Colo. Jessica Margaret Tupy Crystal, Minn.
Kelsey Meismer O'Brien Marion, Iowa

Major in Geology

** Nathan G. Beck Belvidere, Ill.

Major in History

Donald Lee Carpenter Des Moines, Iowa * Drake Lindsey Johnston, Iowa
Zoie Tea Davis-Porter Des Moines, Iowa Sophia Rose Pesek Ankeny, Iowa
Alex Robert Dougherty Des Moines, Iowa Samuel Robert Poage Madrid, Iowa
James Donald Everson Ames, Iowa Aaron Michael Rothfusz Atlantic, Iowa
Jonah Michael Hillmann Gilbert, Iowa ** Ethan Christopher Swain Altoona, Iowa
*** Gracia Mae Koele West Des Moines, Iowa Makenzie Van Eman Des Moines, Iowa

Major in Journalism and Mass Communication

* Norah Alkhashram Kuwait City, Kuwait ** Colton Jon Pestel Glenwood, Iowa
Brendan Jordan Erdahl New Hampton, Iowa Richard Mariano Salas West Des Moines, Iowa
* Kaitlin Breanne Gruhn Freeport, Ill. Aiden John Wyatt Reinbeck, Iowa
Nakota Rayne Newman Madrid, Iowa

Major in Mathematics

Jackson Hyeon Biagini Washington, Ill. John Cameron Leftwich Wheaton, Ill.
Carson M. Givens Alburnett, Iowa Natalie Grace Lloyd Johnston, Iowa
Wilson Willoughby Gosselin Batavia, Ill. *** Allison Anne Schoen Crystal Lake, Ill.
* Heather Renee Junk Marshalltown, Iowa

Major in Music

** Brenden Robert Ball Urbandale, Iowa

Major in Physics

*** Michael William Blank Emerson, Iowa *** Andrew Scott Clarke Ames, Iowa
*** Alexander Thomas Clarke Ames, Iowa Jorge Alfredo Leyva Houston, Tex.

Major in Psychology

* Bhargav E. Addagarla Ames, Iowa * Mackenna T. Beamer Davenport, Iowa
Adaeze Ajiri Urbandale, Iowa Tucker Bishop Clarendon Hills, Ill.
Leila Alajbegovic West Des Moines, Iowa ** Kameron Kurtiss Black Mason City, Iowa
** Abdulaziz Hisham Alkuraya Saudi Arabia * Dennisa Catic Urbandale, Iowa

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

*** Lily Tiongson Corey	Omaha, Neb.	** Ana Maria Saco Denegri	Lima, Peru
** Morgan Ella De Buhr	Lancaster, Wis.	Alexander Steven Schweppe	Reinbeck, Iowa
** Macy L. Driscoll	Keota, Iowa	** Jillian Elizabeth Seweryn	Chicago Ridge, Ill.
*** Charles Raymond Hanneman	Naperville, Ill.	Bennett A. Soncarty	Bettendorf, Iowa
Aaron Stewart Heisler	Granger, Iowa	****† Sirius Sage Stanley	Des Moines, Iowa
Saylor Marie Hempy	Toledo, Iowa	Brylie Lynn Steveson	Johnston, Iowa
*** Alexis Anne Hiltunen	Woodbury, Minn.	*** Christine Elizabeth Storelee	Farmington, Minn.
Abigail Claire Johnson	Norwalk, Iowa	Emily Lyn Streb	Riverside, Iowa
** Brittany Dawn Linch	Creston, Iowa	** Emma Marie Svoboda	Cedar Rapids, Iowa
Musa Lundy	Ames, Iowa	** Elaina Nicole Towers	Urbandale, Iowa
*** Duncan Robert Meyer	Cedar Falls, Iowa	Nancy Tran	West Des Moines, Iowa
Kay Lynn Mundy	Cedar Rapids, Iowa	Brayden Michael Walker	Eldridge, Iowa
* Christine Elizabeth Nordman	Rochester, Minn.	Katelyn Jo Wallace	Newton, Iowa
Ethan Shea O'Connor	New Ulm, Minn.	****† Elora Brynn White	Beaver Dam, Wis.
Sidney Michelle Ringgenberg	Sac City, Iowa	Ben Arthur Wulf	Victoria, Minn.
Gracie Lee Roberts	Norwalk, Iowa		

Major in Public Relations

Kaitlyn Megan Arnold	Atkins, Iowa	Darien Lionel Porter	Bettendorf, Iowa
* Cody Arthur Gadberry	Dyersville, Iowa	* Whitney K. Schlotfeldt	Sergeant Bluff, Iowa
Riley Ellen Groth	Urbandale, Iowa	** Kate Margerite Stangel	Sioux City, Iowa
Katherine Rose Henning	Park Ridge, Ill.	** McKenzie J. Weimerskirch	Prior Lake, Minn.
* Jens Patrick Jorgensen	Cedar Falls, Iowa	* Samantha Ann Zaputil	Jesup, Iowa

Major in Sociology

Zoeie Leigh Higgins	Marshalltown, Iowa	Katelyn Jo Wallace	Newton, Iowa
****† Sirius Sage Stanley	Des Moines, Iowa		

Major in Statistics

Tracie-Lynn R. Lamoreux	Ames, Iowa	Wyatt Joseph Edward Spohn	Tomah, Wis.
** Reese Jacob Manternach	Cedar Rapids, Iowa	David Scott Ziemann	Ankeny, Iowa
*** Benedict Neo Yao En	Kuala Lumpur, Malaysia		

Major in Technical Communication

Drake Adam Johnson	Plymouth, Minn.	*** Sadie Michelle Smeenk	Ames, Iowa
James Nicholas Mechikoff	Sioux City, Iowa		

Multiple Curricula and Majors

Ridwan Mustaf Abdi	Des Moines, Iowa	* Daniel William Coughlin	Cedar Rapids, Iowa
Mathematics and Education		Environmental Science and Biology	
Mangesh Jitendra Ahirrao	Pune, India	Sullivan David Fitzgerald	Des Moines, Iowa
Mathematics and Economics		Mathematics and Education	
Jourdan Marie Biocic	La Grange, Ill.	Alexander S. Fredregill	Cumming, Iowa
History and Education		History and Political Science	
Nautika Ann-Marie Bradley-Norman	Des Moines, Iowa	Brittany Marie Gray	Granger, Iowa
History and Education		Mathematics and Education	
Olivia Marie Brouillette	Saint Paul, Minn.	Caden S. Greening	Urbandale, Iowa
Physics and Mathematics		History and Education	
** Camden Jacob Coon	Bondurant, Iowa	Kaleb Mark Helmers	Ocheyedan, Iowa
History and Education		History and Education	
*** Jillian Ann Cosgrove	Fort Dodge, Iowa	Madison E. King	Delafield, Wis.
Biology and Education		Genetics and Microbiology	

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Noah Jeffrey Lee
History and Education
Boone, Iowa

Layne Alexander Lunsford
Geology and Religious Studies
Rogers, Ark.

***† Jessica Ann Mouw
Public Relations and Psychology
Bettendorf, Iowa

Douglas Joseph Nolin
Economics and World Languages and Cultures
(Spanish)
Santa Clara, Calif.

Kirra Evelia Ortiz
History and Political Science
Urbandale, Iowa

** Emily Timmerman
History and Education
Alden, Iowa

Colton Dale Van Zanten
History and Education
Pella, Iowa

Joseph Paul Vondra
Mathematics and World Languages and Cultures
(Spanish)
Hampton, Iowa

CANDIDATES FOR COMMISSION

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

United States Air Force

Garrett Campbell Fields
Noel Robert Preslicka
Andrew Dean Thompson

United States Army

Bryce Randall Batiem
Megan Lynn Coberly
Carter Daniel Fluckiger
Devin Matthew Turner

United States Navy

Aiden M. Dewitt
Charles Gabriel Haefner
Nathanael David Phares
Payton C. Schnier

SENIOR CLASS COUNCIL

The mission of the Senior Class Council (SCC), a committee of the Student Alumni Leadership Council (SALC), is to benefit and unite seniors through events and services while promoting an understanding of the Iowa State University Alumni Association. The 2023-2024 Senior Class Council is comprised of 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 students enjoy food on campus; the Senior Package,

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

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

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

2023-2024 Senior Class Council Leadership



President:
Lauren Snyder



Vice President:
Hannah Peterson

Council Members:



Ashley Althaus



Kaitlyn Carlson



Alexandria
Corbin



Mykenzie Darg



Abby
Feldpausch



Lily Ferraro



Riley Hiscocks



Ian Johnson



Lauren Kennedy



Kody Koberg



Olivia Kropp



William Lapke



Ian Latham



Leah Marek



Anna Marvelli



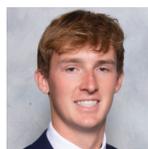
Melanie Merhar



Samuel Rempé



Emily Shatek



Joseph
Steigerwaldt



Charley Zylstra

IOWA STATE UNIVERSITY ALUMNI ASSOCIATION

Cyclones Everywhere

Iowa State University alumni are more than 306,000 strong. And they are everywhere ... in all 50 states and 153 countries – a family united by the Cardinal and 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 connecting Cyclone graduates all over the globe back to their cardinal and gold roots!

Here are five 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 (429 Alumni Ln.) on your way to central campus; better yet, park at the Center and ride CyRide!
3. Take advantage of the Association's career services like resume reviews and webinars.
4. 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.
5. Become a New Grad Member of the ISU Alumni Association and receive discounts, invites to events, and more (www.isualum.org/newgrad).





Summer 2023

Official List of Degree Recipients
Conferred August 5, 2023

DEGREE RECIPIENTS FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Major in Agricultural and Biosystems Engineering

§ Timothy Patrick Neher *Fort Wayne, Ind.*
DISSERTATION: Characterization of antimicrobial
resistance in agricultural landscapes

Manish Shrivastav *Kathmandu, Nepal*
DISSERTATION: Developing and evaluating the
Agricultural Conservation Decision Support Tool
(AgConDST)

Major in Agricultural Economics

Xiaorui Qu *Beijing, China*
DISSERTATION: Eroding cropland and urban land
sales in China

Major in Agricultural Education

Travis Jumper *Cottage Hills, Ill.*
DISSERTATION: Evaluating potential barriers
to implementing augmented reality welding
simulators into career and technical education
(CTE) welding curriculum

Major in Agricultural Education (Agricultural Extension Education)

§ Moses Timbiti Wanyakha *Mbale, Uganda*
DISSERTATION: Food insecurity and nutrition
education: The role of Extension Master
Gardeners in providing fresh produce to food
pantries

Major in Analytical Chemistry (Chemical Instrumentation)

§ Andrew Elliot Paulson *Baraboo, Wis.*
DISSERTATION: Maximizing chemical information
obtained during surface analysis with laser
desorption/ionization mass spectrometry

Major in Animal Physiology (Reproductive Physiology)

Crystal Michelle Roach *Cedar Rapids, Iowa*
DISSERTATION: Characterizing the ovarian
response to xenobiotic and environmentally
induced metabolic challenges

Major in Apparel, Merchandising, and Design

Shanti Amalanathan *Jersey City, N.J.*
DISSERTATION: U.S. modest fashion industry:
Critical interpretations of brand positioning and
Muslim women entrepreneurs

§ Sunhyung Cho *South Korea*
DISSERTATION: Addressing the clothing needs of
ability-diverse populations: Promoting availability
and adoption of inclusive apparel products

Sarah West Hixson *Fayetteville, Ark.*
DISSERTATION: Apparel eduLARP for computer-
aided design: Design, implementation,
and evaluation of a live-action roleplay for
undergraduate students within an apparel
program

§ Angie Lee *Seoul, South Korea*
DISSERTATION: Social media influencers' social
cause communication: Message attributes and
consumer responses

Major in Applied Linguistics and Technology

§ Fatemeh Bordbarjavid *Cedar Falls, Iowa*
DISSERTATION: Analysis of noun + noun sequences
in discipline-specific published research articles

§ Agustinus Hardi Prasetyo *Yogyakarta, Indonesia*
DISSERTATION: Scenario-based language
assessment: Developing a language assessment
literacy test for Indonesian teachers of English as
a foreign language

Major in Applied Mathematics

Zheren Shen *Suzhou, China*
DISSERTATION: Generic two-phase coexistence and
non-equilibrium criticality in a type-2 Schloegl
model for autocatalysis on a square lattice

Major in Bioinformatics and Computational Biology (Predictive Plant Phenomics)

Paul Villanueva *Costa Mesa, Calif.*
DISSERTATION: Data-driven approaches to
heterogeneous datasets

Major in Business and Technology (Entrepreneurship)

§ Mauricio Mercado *El Paso, Tex.*
DISSERTATION: Three essays on minority
entrepreneurship and resource acquisition

†† Aakash Sapru *Solan, India*
DISSERTATION: Nudging customer-centricity: A
case for entrepreneur's perspective-taking

†† Carlos David Valladares Teran *Quito, Ecuador*
DISSERTATION: Nonconforming behaviors in
entrepreneurship: Theoretical foundations, scale
development, and empirical testing

Major in Business and Technology (Management)

Phoebe Haemin Pahng *Evanston, Ill.*
DISSERTATION: The meaning of task role change
in teams and its impact on teams: Exploring
the diverse landscape of identity adaptation and
identity lingering

†† Jake Brian Telkamp *Elmhurst, Ill.*
DISSERTATION: Ethical disagreements in
technology and management research

Major in Business and Technology (Marketing)

Pingping Gan *Jingzhou, China*
DISSERTATION: From parents to professionals:
Examining customer personal information
dynamics in both B2C and B2B contexts

Tu Tu *Luoyang, China*
DISSERTATION: Making nonsocial judgments
through a social lens: How do mental images of
others and social perceptions of products and
companies influence consumer judgments?

Major in Business and Technology (Supply Chain Management)

†† Christopher Faires *Logan, Utah*
DISSERTATION: Understanding and addressing risks and uncertainties in omnichannel product returns: A series of empirical studies

Major in Chemical Engineering

†† Brittany L. Hallmark-Haack *Ankeny, Iowa*
DISSERTATION: Driving towards better pavements: Through ground tire rubber modification and novel tools for material characterization

Major in Chemistry

†† Marquix Adamson *Manhattan, Kans.*
DISSERTATION: Synthesis, activation, and utilization of nanocatalysts for unique hydrogenation reactions

†† Ranjan Kumar Behera *Bhubaneswar, India*
DISSERTATION: Studies of C–H activation catalysts for dehydrogenation reactions

Major in Civil Engineering (Construction Engineering and Management)

Jessica Elizabeth Taylor *San Luis Obispo, Calif.*
DISSERTATION: Building culturally-appropriate infrastructure for the future: An analysis of climate change adaptation in Indigenous communities

Major in Civil Engineering (Intelligent Infrastructure Engineering)

Vahid Barzegar *Shiraz, Iran*
DISSERTATION: Parameter optimization for enhanced modeling of dynamic systems

Major in Civil Engineering (Structural Engineering)

§ Rizwan Karim *Gilgit-Baltistan, Pakistan*
DISSERTATION: Investigation of ultra-high performance concrete from material and structural perspectives

Hanming Zhang *Jinan, China*
DISSERTATION: Seismic collapse hazard of steel braced framed buildings and innovative C-TnT braces for retrofiting

Abhijit Kulkarni *Pune, India*
DISSERTATION: Performance of ultra-high performance concrete shear walls subjected to wind and windborne debris impact

Major in Civil Engineering (Transportation Engineering)

Yilun Yang *Chengdu, China*
DISSERTATION: Evaluating and improving the performance of Iowa truck parking information and management system

Major in Computer Engineering (Computing and Networking Systems)

§ Sai Subrahmanya Durga Krishna Teja Chitty Venkata
Hyderabad, India
DISSERTATION: Hardware-aware design, search, and optimization of deep neural networks

Major in Computer Engineering (Secure and Reliable Computing)

Ravikumar Selvam *Mayiladuthurai, India*
DISSERTATION: Countermeasures against hardware attack using power-based information leakage

Major in Computer Science

§ Mohammad Ahmad Salem Wardat *Al Ramtha, Jordan*
DISSERTATION: Localizing and repairing faults in deep learning programs

Major in Condensed Matter Physics

Milan Kornjaca *Hrtkovci, Serbia*
DISSERTATION: Theory of hastatic order and its defect states

Ana-Marija Nedic *Paris, France*
DISSERTATION: Effects of phase competition and frustration in itinerant and local-moment magnetic materials

John Wilde *Rancho Santa Margarita, Calif.*
DISSERTATION: Determination of magnetic ordering in correlated electron systems with itinerant magnetic moments

Mingyu Xu *Taian, China*
DISSERTATION: Study of the superconducting and magnetic properties of single crystals grown using the high-temperature solution method

Major in Crop Production and Physiology

§ Mitchell Eden Baum *Mitchellville, Iowa*
DISSERTATION: Enhancing our understanding of optimal nitrogen fertilizer rates for maize: A synthesis of long-term experimentation and crop modeling

Mariana Victoria Chiozza *Ames, Iowa*
DISSERTATION: Predicting soybean yield and seed composition by understanding physiological processes through modeling

Major in Economics

†† Kunwon Ahn *Seoul, South Korea*
DISSERTATION: Three essays on factors influencing changes in labor and marriage markets

†† Kyunghoon Ban *Busan, South Korea*
DISSERTATION: Three essays on applied econometric methods

Eseul Choi *Asan-si, South Korea*
DISSERTATION: Essays on reference-dependence in natural resources and agriculture

Wenran Fan *Nanjing, China*
DISSERTATION: Three essays on the economics of consumer and recreational user behavior

Xiaoyin Li *Wuhan, China*
DISSERTATION: Three essays in labor economics

Timothy Jacob Philip Smith *Winterset, Iowa*
DISSERTATION: Agricultural production in the 21st century: Technology adoption, adaptation, and market power

Major in Education

Emily Rae Borcharding *Cedar Falls, Iowa*
DISSERTATION: Academic interventions and students' success for conditionally admitted students during the COVID-19 pandemic: A qualitative study at one university

Stephanie Ann Laird *Urbandale, Iowa*
DISSERTATION: Coaching for change: A realist grounded theory validation study

††§ Justin Williams Sabrowsky *Sauk Centre, Minn.*
DISSERTATION: Gatekeeping through assessment: Understanding a systemic problem in the STEM degree pipeline

§ Deani T. Thomas *Ames, Iowa*
DISSERTATION: Critical approaches to curricular materials evaluation

††§ Meng Xiao *Zhengzhou, China*
DISSERTATION: Investigating the instructional effectiveness of TOEFL tutoring programs in an educational agency – A multi-method case study

Major in Electrical Engineering (Bioengineering)

††§ Souvik Kundu *Kolkata, India*
DISSERTATION: Opto-chemical biosensor development, and analytics for point-of-care applications

Major in Electrical Engineering (Electric Power and Energy Systems)

§ Rui Cheng *Jingdezhen, China*
DISSERTATION: Scalable offline and online decision-making for next-generation autonomous power systems

Major in Electrical Engineering (Electromagnetics, Microwave, and Nondestructive Evaluation)

Joseph Corrie Boldrey *Austin, Tex.*
DISSERTATION: Theoretical and experimental studies of the effects and behavior of magnetic fields generated during transcranial magnetic stimulation

Major in Electrical Engineering (Systems and Controls)

†† Soumyabrata Talukder *Kolkata, India*
DISSERTATION: Robust safety and stability of learning-based optimal controllers

Major in Electrical Engineering (Very Large Scale Integration)

Pallavi Sugantha Ebenezer *Chennai, India*
DISSERTATION: Practical precision analog and mixed signal circuits and hardware security

§ Marampally Saikiran *Hyderabad, India*
DISSERTATION: Techniques for efficient and robust defect detection in analog and mixed signal circuits

Major in Engineering Mechanics

§ Mohammad Saber Hashemi *Tehran, Iran*
DISSERTATION: A machine learning-based computational framework for designing novel multifunctional materials

Major in Food Science and Technology

§ Victor Sanfins Cecon *São Paulo, Brazil*
DISSERTATION: Enhancing plastics recycling: A quality, performance and suitability assessment of landfill-bound waste plastics

Major in Genetics and Genomics

†† Angela Rose Bunning *Saint Louis, Mo.*
DISSERTATION: Investigating the molecular mechanism of microtubule-generated tension in accurate chromosome segregation using *Saccharomyces cerevisiae*

Qiang Liu *Qinhuangdao, China*
DISSERTATION: An analysis of reproductive phase transition in maize

Major in Genetics and Genomics (Predictive Plant Phenomics)

Jacob Donald Zobrist *Spencer, Iowa*
DISSERTATION: Towards understanding maize domestication: Genetic transformation and genomic editing of teosinte (*Zea mays* ssp. *parviglumis*)

Major in Geology

§ Emily Odessa Ross *Niwot, Colo.*
DISSERTATION: Fault slip behavior and off-fault deformation: An experimental approach

Major in Gerontology

§ Barbra J. Brottman *Deerfield, Ill.*
DISSERTATION: Feasibility, acceptability, and preliminary effectiveness of the Mental Health in Older Adults (MHOA) training for professionals serving older adults: A mixed methods program evaluation

Major in Hospitality Management

Matthew C. Miller *Scottsdale, Ariz.*
DISSERTATION: Perception of experiential value in luxury hotel settings: The case of experiential programming and impact on consumers

Major in Human Computer Interaction

Guy-Serge Emmanuel *Hamden, Conn.*
DISSERTATION: Exploring race and ethnicity in UX design practice, literature, and graduate curricula

Major in Human Development and Family Studies

§ Bethany Hope McCurdy *New Orleans, La.*
DISSERTATION: Modeling the associations among diurnal alpha-amylase, diurnal cortisol, and facets of emotion dysregulation in children

Major in Industrial and Agricultural Technology

§ Emily Branstad Spates *Forest City, Iowa*
DISSERTATION: Integrated mycotoxin risk management strategies for grain handling and feed manufacturing industries

Taylor Marie Reth *Hopkinton, Iowa*
DISSERTATION: Advanced manufacturing training needs in Northeast Iowa

Major in Materials Science and Engineering

Rebecca Jane Mort *Cincinnati, Ohio*
DISSERTATION: Creating sustainable alternatives for plastic packaging and beyond: Bio-sourced and landfill-diverted materials

Tanzeel Ur Rehman *Lahore, Pakistan*
DISSERTATION: An in-depth study of DOPE:DOPC liposomes to maximize targeted drug delivery to cancer-associated cells

Katie O'Donnell *Seven Hills, Ohio*
DISSERTATION: The use of defects and compositional variations to elucidate physical phenomena in electron beam melted Ti-6Al-4V across scan strategies

Major in Mechanical Engineering

- § Cícero Cardoso Pola *Castelo, Brazil*
DISSERTATION: Graphene-based impedimetric immunosensors for food safety and healthcare applications
- § Nicholas Thomson Hunter *Des Moines, Iowa*
DISSERTATION: Interfacial thermal conductance and non-equilibrium Phonon transport of 2D materials
- †† Sai Charan Katamreddy *Chennai, India*
DISSERTATION: Multi-step nucleation in supersaturated salt solutions using soft matter electrostatic levitator with in-situ Raman and synchrotron X-ray scattering techniques

- Mohammed Jamal A. Kuku *Jazan, Saudi Arabia*
DISSERTATION: Exploration of nanostructured cuprous oxide for sensing and purification
- § Adam C. Thelen *Roseville, Minn.*
DISSERTATION: Machine learning-based aging models for estimating battery state of health and predicting future degradation

Major in Meteorology

- Elizabeth Tirone *Amherst, N.Y.*
DISSERTATION: Using machine learning to improve severe thunderstorm wind reports and diagnose environmental influences on measured severe gusts

Major in Neuroscience

- § Jenny Lee Marsh *Topeka, Kans.*
DISSERTATION: Biological cavitation and protein profiles as unique hallmarks of blast-induced traumatic brain injury
- ††§ Simon Matthew Moe *Appleton, Wis.*
DISSERTATION: Identifying key genetic regulators of nervous system health: Insights from models of neuronal development and aging

Major in Organic Chemistry

- †† Mason T. Koeritz *Northrop, Minn.*
DISSERTATION: Nickel-catalyzed alkyne difunctionalization reactions

Major in Physical Chemistry

- ††§ Melisa Alkan *Istanbul, Turkey*
DISSERTATION: One programming model to rule them all: High-performance computational chemistry and applications via OpenMP offloading mode

Major in Physics

- Brinda Kuthanazhi *Thiruvananthapuram, India*
DISSERTATION: Synthesis and characterization of single crystals of rare-earth containing magnetic topological semimetal candidates

Major in Plant Biology

- § Ning Zhang *Beijing, China*
DISSERTATION: Trafficking, stability and substrate specificity of glycosyltransferases (GTs) involved in xyloglucan biosynthesis in plant Golgi.

Major in Plant Biology (Predictive Plant Phenomics)

§ Katerina Louise Holan *Litchfield, Ill.*
DISSERTATION: Genomic and phenomic approaches for studying Puccinia sorghi-maize interactions

Major in Plant Breeding

Matheus Dalsente Krause *Pato Branco, Brazil*
DISSERTATION: Strategies to untangle genetic and non-genetic sources of variation in cultivar development programs

Major in Population Sciences in Animal Health

§ Gaurav Rawal *Ames, Iowa*
DISSERTATION: Characterization of virulence of the emergent PRRSV 1-4-4 LIC variant strain and evaluation of protective efficacy of PRRSV modified live virus vaccines with the aid of the developed vaccine-specific and challenge virus-specific PCR assays

Major in Psychology (Counseling Psychology)

Nathan Ryan Barker *Fairfield, Iowa*
DISSERTATION: Race, sex, and perceptions of student-athletes' career options

Pauline Freud *Denver, Colo.*
DISSERTATION: Measuring the self-other interference effect in social contexts

Elise Ann Frickey *Minnetonka, Minn.*
DISSERTATION: A self-determined approach to attachment orientation and life satisfaction: The mediating roles of relatedness and motivation

†† Carlos Alberto Vidales *Los Angeles, Calif.*
DISSERTATION: Stigma of seeking help for alcohol misuse among men of color

Chunmiao Wang *Beijing, China*
DISSERTATION: The impact of bullying victimization among college students: Mediation and moderation effects

Anna Therese Wehde *Oronoco, Minn.*
DISSERTATION: Cumulative posttraumatic stress and externalizing outcomes amidst the COVID-19 and racism pandemics

Major in Psychology (Social Psychology)

†† Tyler J. Knaplund *Tiffin, Ohio*
DISSERTATION: Attitudes in memory: Investigating the hierarchical model of attitude structure in indirect attitude change

Major in Rhetoric and Professional Communication

Thomas Grayson Cox *Murfreesboro, N.C.*
DISSERTATION: Exploring rural rhetoric beyond the landscape, farm, or site of tragedy: Space and place in rural bridge folklore

Mariah Mae Kemp *El Paso, Tex.*
DISSERTATION: Cultivating community and belonging: Queer rhetorical practice & Dragons games

§ Colin Payton *Springfield, Ohio*
DISSERTATION: "For this additional burden we had no additional help": First-year composition and writing program administration at Iowa State from 1869 to 1939

Major in Rural Sociology

†† Sonja Ann Lindberg *Wabasso, Minn.*
DISSERTATION: Assembling perspectives on gene edited crops: Implications for governance and agricultural research

Major in Sociology

LeAnn Nicole Beeler Cabage *Maynardville, Tenn.*
DISSERTATION: To trust or not to trust: Examining trust and perceptions of police in the United States

Major in Statistics

Yanghyeon Cho *Seoul, South Korea*
DISSERTATION: Small area prediction problems under informative sampling and handling non-monotone missing data using a graphical approach

§ **Guoliang Ma** *Zoucheng, China*
DISSERTATION: Dissecting distributions: Applications of quantile regression in empirical asset pricing and causal inference

Yan Wang *Beijing, China*
DISSERTATION: Active learning with random forests

§ **Fangshu Ye** *Luan, China*
DISSERTATION: Statistical methodologies for trial design with network meta-analysis

§ **Hyemin Yeon** *Cheongju, South Korea*
DISSERTATION: Bootstrap inference in functional linear regression models

††§ **Haihan Yu** *Yantai, China*
DISSERTATION: Resampling-based inference for time series in the frequency domain

Joseph Robert Zemmels *New Brighton, Minn.*
DISSERTATION: A cartridge case comparison pipeline

Major in Toxicology

Rachel Maria Sorensen *Fort Washington, Md.*
DISSERTATION: The effects of microplastics and nanoplastics upon history, policies, and *Drosophila melanogaster*

Major in Veterinary Pathology (Cellular and Molecular Pathology)

Dana Celine Hill *Windsor, Maine*
DISSERTATION: *Mycobacterium bovis* in U.S. feral swine – history, diagnostics, and comparative experimental infection

Multiple Curricula and Majors

††§ **Ezequiel Aleman** *Montevideo, Uruguay*
DISSERTATION: Fostering youth agency in a datafied world: Unraveling cartographies of possibility with speculative education and youth participatory action research in the Nayah-Irú curriculum

MAJORS: Education (Curriculum and Instructional Technology) and Human Computer Interaction

Wei Chen *Beijing, China*
DISSERTATION: Impact of urbanization and climate change on building energy use and heat emissions
MAJORS: Geology and Environmental Science

§ **Mustafa Engin Danis** *Istanbul, Turkey*
DISSERTATION: Direct discontinuous Galerkin methods and hybrid turbulence modeling for high-speed compressible flows
MAJORS: Applied Mathematics and Aerospace Engineering

Christopher Jason Morris *Austin, Tex.*
DISSERTATION: How social and structural factors affect agricultural sustainability outcomes: Investigations of farmer trauma and conservation organizational effectiveness
MAJORS: Rural Sociology and Sustainable Agriculture

†† **Carter H. Reed** *West Burlington, Iowa*
DISSERTATION: The influence of binge drinking on skeletal muscle signaling pathways and exercise performance
MAJORS: Nutritional Sciences (Molecular and Cellular Nutrition) and Kinesiology

†† **Haleigh Nicole Summers** *Royal, Ill.*
DISSERTATION: Identifying environmental, economic, and equity opportunities through a spatial lens
MAJORS: Sustainable Agriculture and Environmental Science

Mohsen Torabi Dizaji *Houston, Tex.*
DISSERTATION: Gaining higher salt scaling
resistance with slag concretes
MAJORS: Civil Engineering and Chemical
Engineering

MASTER OF ACCOUNTING

Major in Accounting (Financial Reporting and Assurance)

Jacob Robert Rolloff *Urbandale, Iowa*

Major in Accounting (Information Systems and Analytics)

Natalie Louise Callaghan *Dakota Dunes, S. Dak.* Katherine Anne Koele *Urbandale, Iowa*

Major in Accounting (Tax)

Benjamin David Wong *Ames, Iowa*

MASTER OF ARCHITECTURE

Major in Architecture

Maya Jasper Kirch *Pecatonica, Ill.* Vishnu Priya Sairamesh *Chennai, India*
Cheng Lin *Fuzhou, China*

MASTER OF ARTS

Major in Anthropology

Caitlyn Irene Gorman *Saint James, Mo.*

Major in English Literature

Cynthia Lee Wolters *Lincoln, Neb.*
THESIS: Between (post)human heroes and
monsters: Feminist representations of intersecting
identities in supernatural slashers

Major in Interior Design

§ Hanieh Baktash *Ames, Iowa*
THESIS: The role of immersive multi-sensory
interior design environment in reducing students'
generalized anxiety disorder

Major in Political Science

Dylan Michael Tucker *Bakersfield, Calif.*

Major in Political Science (Public Policy)

§ Sophie Engelbert Shultz *Iowa City, Iowa*
THESIS: "Schaffen wir das?": German and Austrian
national identity during the 2015 migrant crisis

MASTER OF BUSINESS ADMINISTRATION

Major in Business Administration

Jiawei Li *Weihai, China*

Major in Business Administration (Business Analytics)

Anusha Bhavesh Kataria *Mumbai, India*

Major in Business Administration (Entrepreneurship)

Katherine Anne Tindall *Akron, Iowa*

Major in Business Administration (Leadership)

Thomas Scott Elston *Ankeny, Iowa* Blake Evan Rozendaal *Urbandale, Iowa*

MASTER OF BUSINESS ANALYTICS

Major in Business Analytics

Gabriel Robert Jensen *Boone, Iowa*

MASTER OF COMMUNITY AND REGIONAL PLANNING

Major in Community and Regional Planning

Abiola Aminat Adesanya *Ogudu, Nigeria*
THESIS: Security and safety perception of
commuters of the bus rapid transit system in
Lagos State, Nigeria

Eunice A. N. Amissah-Mensah *Accra, Ghana*

Vishnu Priya Sairamesh *Chennai, India*
Yusuf Adeyinka Tayo *Lagos, Nigeria*
THESIS: Assessment of water supply in the
informal settlement of Lagos Mainland local
government area, Lagos, Nigeria

MASTER OF EDUCATION

Major in Education

Christine Ann S. Donnelly *Fort Dodge, Iowa*

Major in Education (Higher Education)

Jocelyn Drzycimski

Mayagüez, Puerto Rico

Addreonna Marie Tucker

Ottumwa, Iowa

MASTER OF ENGINEERING

Major in Agricultural and Biosystems Engineering

Allen Joseph Keane

Panama, Iowa

Lizbeth M. Plaza-Torres

Mayagüez, Puerto Rico

Major in Civil Engineering (Construction Engineering and Management)

Amit Tripathi

Kurintar, Nepal

Major in Computer Engineering

Ashhad Faridi

Hyderabad, India

Major in Electrical Engineering

Collin Andrew Blatchford
Keivan Ebrahimi

Sioux City, Iowa
Kerman, Iran

Mary Le

Cedar Rapids, Iowa

Major in Engineering Management

Casey Nordberg

Gunnison, Colo.

Kevin Sitek

Bucyrus, Kans.

Major in Mechanical Engineering

Jacob Joseph Bergfeld
Matthew S. Dlugopolski

Bernard, Iowa
Channahon, Ill.

Jiadong Niu

Shenzhen, China

Major in Systems Engineering

Elizabeth Kaye Little

Vail, Ariz.

Multiple Curricula and Majors

Kristopher Laird Cory
MAJORS: Cyber Security and Computer
Engineering

Quincy, Ill.

Ali Mounib Soueidan
MAJORS: Computer Engineering and Cyber
Security

Cary, N.C.

Ajith Chowdary Nuthalapati
MAJORS: Cyber Security and Computer
Engineering

Vijayawada, India

MASTER OF FAMILY AND CONSUMER SCIENCES

Major in Family and Consumer Sciences (Dietetics)

Kayla RaNae McClanahan

Lake Elmo, Minn.

Laura Catherine Paulsen

Madrid, Iowa

Major in Family and Consumer Sciences (Youth Development)

Linda Lee Garibay
Rebecca Manteuffel

San Diego, Calif.
Cologne, Minn.

Katelyn Christine Poland

Carroll, Iowa

MASTER OF FINANCE

Major in Finance

Yonting Goh
Jiahui Li

Penang, Malaysia
Handan, China

Pedro Marasciulo

Temecula, Calif.

MASTER OF FINE ARTS

Major in Graphic Design

Marwa Elsayed Elkashif
THESIS: Examining fundamentals of graphic design education: A focus on 3D design skills and the influence of evolving technologies

Ames, Iowa

Nishil Ashok Patel

THESIS: RunARcade: A gamified exploration to encourage physical activity through the lens of AR smart glass interface

Vadodara, India

MASTER OF HUMAN COMPUTER INTERACTION

Major in Human Computer Interaction

Riley Cole Barrett
Jessica Carey
Patrick Chanthathone
Nicole Encinas
Parker Henderson
Lucas Ahrens McDermott

Midland, Tex.
Olympia, Wash.
San Diego, Calif.
Lynnwood, Wash.
Huntington Beach, Calif.
Johnston, Iowa

Renata Oder-Kravets
Tim Putt
Terri Rodriguez-Hong
Joseph Charles Suchan
Claire Morgan Taets
Kristina Hao Truong

Fanwood, N.J.
Apopka, Fla.
San Jose, Calif.
Maryville, Mo.
West Des Moines, Iowa
Houma, La.

MASTER OF INDUSTRIAL DESIGN

Major in Industrial Design

Vyankatesh M. Chinchalkar
Tyler Joseph Culjat

Ames, Iowa
Ames, Iowa

Kyle David Vanderpool

THESIS: The importance of inclusion of interdisciplinary interactions

Washburn, Iowa

MASTER OF LANDSCAPE ARCHITECTURE

Major in Landscape Architecture

Susan Huper Pegg

Urbandale, Iowa

MASTER OF REAL ESTATE DEVELOPMENT

Major in Real Estate Development

Peter Beeson

Madison, Wis.

MASTER OF SCIENCE

Major in Aerospace Engineering

Lawrence Duncan Little

Pearland, Tex.

Michael P. Thompson

Plymouth, Minn.

THESIS: Utilization of the method of characteristics to evaluate the role of initial temperature variations in the ignition of air-fuel mixtures: Subsonic to transonic flow

Usama Toson Fouad Toman

Giza, Egypt

THESIS: High-fidelity aerodynamic and aerostructural optimization of UAV propellers

Kiet Tuong Tran

Haiphong, Vietnam

THESIS: Atomistic simulations of defects in ceramics: Dislocation, grain boundaries, and their interactions in SrTiO₃ as an example

Major in Agricultural and Biosystems Engineering

†† Nisreen Alkhalifa

Khartoum, Sudan

THESIS: Systematic measurement of 3D tire-soil contact on an artificial soil

Major in Agricultural Education

†† Dusti Malynn Ingles

Rushville, Ill.

THESIS: Examining reflective practice in science with practice portfolios: An experiential learning program at Iowa State University

Cassandra Perrin

Brownstown, Ill.

Major in Agronomy

Holly Michelle Hatfield

Dalhart, Tex.

Joshua John Michel

Bellevue, Iowa

Nathanael Leo Praska

Plymouth, Minn.

Bradley Chester Santi

Davis, Calif.

Major in Analytical Chemistry

Faysal Ahmed

Natore, Bangladesh

THESIS: Azobenzene homopolymers from reductive condensation of dinitrobenzenes.

Major in Animal Physiology (Reproductive Physiology)

Erika Marie Johnson

Waukon, Iowa

THESIS: Understanding how management decisions impact sustainability in the swine industry

Major in Animal Science

Derek James Henningsen

De Witt, Iowa

THESIS: Characterization of toe and dew claw overgrowth in swine breeding herds

Mitchell James Nisley

Ely, Iowa

THESIS: Investigating the effects of total dietary crude protein inclusion on nursery pig performance and health

Major in Applied Mathematics

Joanna Kristen Held *Ames, Iowa*
THESIS: Chebyshev Radon transform methods
for solving multidimensional linear hyperbolic
systems

Major in Architecture

Fatemeh Yazdandoust *Tehran, Iran*
THESIS: Decision support for the design of a
building form for the coupled consideration of
daylight and natural ventilation in a dense urban
context

Major in Artificial Intelligence

Md Sakib Ferdous *Dhaka, Bangladesh*
THESIS: Reinforcement learning-guided control
strategies for CAR T-cell activation and expansion

Major in Biochemistry

Jackson Thomas Komp *Suamico, Wis.*
THESIS: Inhibition of Drosophila microRNA-6
increases lipid droplet accumulation in
cardiomyocytes but mitigates age-related cardiac
arrhythmia and extends lifespan

Major in Biomedical Sciences

Quazetta Brown *Columbus, Ohio*
THESIS: Serum neurofilament light chain
concentrations in sheep inoculated with classical
scrapie: A time point study

Madeline R. Colosimo-Roth *West Des Moines, Iowa*
THESIS: Phenotypic characterization of canine
urothelial organoids
Haley Michele Parker *Waukee, Iowa*

Major in Chemical Engineering

Afrin Ahsan *Dhaka, Bangladesh*
THESIS: Cell-free expression for enzyme discovery:
Screening putative polyester polyurethane
degrading enzymes with semi-automated cell free
expression and nitrophenyl probes

Mei-Tsan Kuo *New Taipei City, Taiwan*
THESIS: Screening enzymatic degradation
of polyester polyurethane with fluorescent
single-walled carbon nanotube and polymer
nanoparticle conjugates

Major in Civil Engineering (Intelligent Infrastructure Engineering)

Sadie Jane Brockett *Reinbeck, Iowa*

Major in Civil Engineering (Structural Engineering)

Nayana Sreekumar *Chennai, India*

Major in Computer Science

Hiba Abdulaziz *Alexandria, Va.*
Hanze Chen *Changchun, China*
THESIS: Cross-language binary-to-source code
matching approach using graph neural networks
Sravya Sree Dhulipala *Hyderabad, India*

Akash Dutta *Kolkata, India*
THESIS: Evaluation of Graph Neural Networks for
code pattern detection and autotuning of OpenMP
loops
Xiuyuan Guo *Tigard, Oreg.*
THESIS: A study of static warning cascading tool

§ Mohammad Saber Hashemi *Tehran, Iran*
THESIS: A machine learning-based computational framework for designing novel multifunctional materials

Aditya Avinash Jawaliker *Mumbai, India*
Chin Kooi Khor *Georgetown, Malaysia*
THESIS: Requirements analysis of variability constraints in a configurable flight software system

Sanchayani Pal *Siliguri, India*
THESIS: Program verification using dynamic invariants and theorem prover: Exploratory study on Daikon and SAW

Justin Thomas Stanley *Ames, Iowa*
THESIS: Addressing stale gradients in asynchronous federated deep reinforcement learning

Chaitanya Sunkara *Vuyyuru, India*
Sixing Yu *Chongqing, China*
THESIS: Topology-aware efficient and transferable model compression using graph representation and reinforcement learning

Major in Earth Science

Xin Yan *Linyi, China*

Major in Education (Special Education)

Courtney D. Reeves-Allen *Des Moines, Iowa*
THESIS: Exploring the need for additional support for vulnerable students transitioning from middle to high school.

Major in Electrical Engineering

Joon-Young Jeong *Incheon, South Korea*
THESIS: Covert authentication for securing MIMO communications

Major in Electrical Engineering (Electric Power and Energy Systems)

Abdelrahman M. S. Mannan *Doha, Qatar*
THESIS: Investigating the performance of grid-forming hybrid photovoltaic systems in residential A/C dominated networks: An analysis during distribution feeder restoration and FIDVR

Major in Electrical Engineering (Very Large Scale Integration)

Si Yuan Sim *Sungai Buloh, Malaysia*
THESIS: Reliable and efficient GaN-based power electronics

Major in Engineering Mechanics

Abhijith Thoopul Anantharanga *Bangalore, India*
THESIS: Linking properties to microstructure in liquid metal embedded elastomers via machine learning

Major in Environmental Science

Matthew Steven Leeford *Corona, Calif.*
THESIS: How rapidly does perennial vegetation increase organic carbon availability to microbes on historically cropped soil?

Major in Food Science and Technology

Baidini Ghosh *Howrah, India*
THESIS: What affects the survival of E. coli in midwest agricultural soils?

Major in Genetics and Genomics

Kavi Raj Acharya *Banepa, Nepal*
THESIS: Eliciting VRC01-like broadly neutralizing antibodies using IPAS-RAM vaccine strategy in VRC01-germline mice

Sau Qwan Yap *Malacca, Malaysia*
THESIS: The effects of heat stress on mitochondrial function and autophagy in mouse skeletal muscle

Major in Geology

Pratik Poudel *Kathmandu, Nepal*
THESIS: Channel erosion projections for threatened Alaska-Native communities along the Kuskokwim River

Major in Horticulture

†† Samantha Ann Lyle *Davenport, Iowa*
THESIS: Effects of low-stakes quizzing on student learning in two plant identification courses

Alexandra M. Young *Des Moines, Iowa*

Major in Human Computer Interaction

§ Hanieh Baktash *Ames, Iowa*
THESIS: The role of immersive multi-sensory interior design environment in reducing students' generalized anxiety disorder

Marwa Elsayed Elkashif *Ames, Iowa*
THESIS: Examining fundamentals of graphic design education: A focus on 3D design skills and the influence of evolving technologies

Austin Garcia *Johnston, Iowa*
THESIS: A novel asymmetric collaboration method for extended reality training systems

Nishil Ashok Patel *Vadodara, India*
THESIS: RunARcade: A gamified exploration to encourage physical activity through the lens of AR smart glass interface

Yelim Kim Rooney *Busan, South Korea*

Major in Human Development and Family Studies

Rebecca Jean Harding *West Des Moines, Iowa*
Abigail Joanna Hart *Ames, Iowa*
THESIS: The influence of economic pressure, emotional distress, and spousal warmth on distress during the covid-19 pandemic: A longitudinal study from midlife to older adulthood

Jin Yan *Taiyuan, China*
THESIS: The intergenerational ambivalence of adult children in late-life families: The role of care expectation and care provision

Major in Industrial and Agricultural Technology

Elijah Levi Bouwman *Ames, Iowa*
THESIS: Factorial structure of safety climate across group levels and organizations.

Chee Hin Hang *Kuala Lumpur, Malaysia*
THESIS: Automated visual auditing of swine movement

Major in Industrial Engineering

§ Yvonne Farah *Kour, Lebanon*
THESIS: Teamwork assessment in cooperative video games: Exploring patterns, associations and validity

§ Matthew David Gabriel *Aurora, Ill.*
THESIS: Modeling and assessing capability-based planning for emergency preparedness

Kristina M. Schaffhausen *White Bear Lake, Minn.*
THESIS: The effects of muscle-strengthening and endurance-building exercises on suturing performance among novices: An engineering evaluation of the hands, wrists, fingers, and forearms

Major in Nutritional Sciences

Chih-Cheng Lu *Taiwan*
THESIS: Evaluation of the Nutrition Education
With Seniors program for Commodity
Supplemental Food Program participants

Major in Organic Chemistry

Iqra Ilyas *Bhakkar, Pakistan*
THESIS: Artificial enzyme for Henry and Retro-
Henry reactions

Major in Plant Biology

Alexander Robert Austin *Ankeny, Iowa*
THESIS: Multi-Omics characterization of Maize
pollen during storage

Major in Plant Breeding

Hailey Brooke Elmore Ellis *Deep Run, N.C.*

Major in Psychology

Hyun Seon (Esther) Kim *Gwangju, South Korea*
THESIS: Creating the future time perspective scale
in the context of exercise

Major in Seed Technology and Business

Valeria Torres Silva *Turlock, Calif.*

Major in Sociology

Sarah K. Walker *Windsor Heights, Iowa*
THESIS: An approach to the evaluation of recovery
community organizations

Major in Statistics

Samuel Fox *Stuart, Iowa* Ian Parzyszek *Dillsburg, Pa.*

Major in Sustainable Agriculture

Erin Leigh Huckins *Lake in the Hills, Ill.*
THESIS: Challenges and opportunities for
consumers and producers in Central Iowa local
food systems

Major in Veterinary Clinical Science (Veterinary Medicine)

Michael Barchilon *Phoenix, Ariz.*
THESIS: Do platelets prematurely age in canine
immune thrombocytopenia (ITP)? Development
of a novel flow cytometric assay to assess the role
of platelet desialylation in ITP pathogenesis

Major in Veterinary Microbiology

Riley Michel Austin

Ames, Iowa

Carlos Enrique Franco Monllor

Guaynabo, Puerto Rico

THESIS: Unraveling the role of zinc transporters in healthy and respiratory disease challenged feedlot steers: Insights into zinc status assessment

Major in Veterinary Pathology

Aarathi Sureshkumar

Ames, Iowa

THESIS: Effects of oral Ambroxol on neuropathological measures in the canine model of Sanfilippo Syndrome type B

Major in Veterinary Preventive Medicine

Peng Li

Qingdao, China

Major in Wildlife Ecology

Caitlyn Grace Campbell

Frankfort, Ill.

†† Sarah Anne Hoepfner

Cordova, Alaska

THESIS: High-frequency GPS transmitters allow understanding of breeding shorebird movements and nest survival without human disturbance

Multiple Curricula and Majors

Melanie Grace Bogert

Marion, Iowa

THESIS: Plant and insect community responses to manure application in prairies
MAJORS: Wildlife Ecology and Sustainable Agriculture

Kelsey Diane Karnish

Donahue, Iowa

THESIS: Identifying, prioritizing, and estimating costs for restored floodplain easements using geospatial data and tools
MAJORS: Sustainable Agriculture and Environmental Science

Kexin Wang

Ames, Iowa

THESIS: A mobile augmented reality thunderstorm training technique to enhance aviation weather theory knowledge curricula
MAJORS: Human Computer Interaction and Computer Engineering

Yixuan Wang

Zibo, China

MAJORS: Electrical Engineering (Microelectronics and Photonics) and Computer Science

Tavion T. Yrjo

Rochester, Minn.

THESIS: Using serious games to prime safety students for occupational noise exposure risk assessment
MAJORS: Human Computer Interaction and Industrial and Agricultural Technology

DEGREE RECIPIENTS FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural Business

Joshua M. Ollendieck	<i>Cedar Falls, Iowa</i>	Jenna Ann Vander Heiden	<i>Wheatland, Iowa</i>
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Curriculum in Agricultural Studies

Cole J. Engle Dakota Hampel	<i>Fairfield, Iowa</i> <i>Ankeny, Iowa</i>	Meghan L. McBride	<i>Clive, Iowa</i>
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Curriculum in Animal Ecology

Erin Meissner	<i>Sioux Falls, S. Dak.</i>	Justin Ryan Thatcher	<i>Farragut, Iowa</i>
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Curriculum in Animal Science

Carter Dupre Deal Lindsey Marie Halsey April Rain Lavenz	<i>Houston, Tex.</i> <i>Belleview, Ill.</i> <i>Anamosa, Iowa</i>	* Samantha Elizabeth Poppe ** Alexis Marie Stadtlander Alyssa Jo Wittry	<i>Waverly, Iowa</i> <i>Manning, Iowa</i> <i>Huxley, Iowa</i>
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Curriculum in Biology

Quinten R. Burnett Matthew Steven Dorland ** Olivia Catherine Kruse	<i>Urbandale, Iowa</i> <i>Woodbine, Iowa</i> <i>Dubuque, Iowa</i>	Junice Alannah Sibley John Swanson	<i>Peoria, Ill.</i> <i>Ames, Iowa</i>
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Curriculum in Dairy Science

Katrina Marie Elliott	<i>Rose Hill, Iowa</i>
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Curriculum in Dietetics

* Maria Therese Landkammer Rivers
Sauk Centre, Minn.

Curriculum in Environmental Science

Lucas Allen Saltmarsh	<i>Adel, Iowa</i>	**† Elizabeth D. Smith	<i>Waterloo, Iowa</i>
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Curriculum in Forestry

Joshua C. Klingenberg	<i>Andrew, Iowa</i>	Adelia Rose Kroupa	<i>Vinton, Iowa</i>
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Curriculum in Genetics

David Alan Shipman	<i>Forest City, Iowa</i>
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Curriculum in Industrial Technology

Jarred Dehn Carr Alex Mitchell Isely	<i>De Witt, Iowa</i> <i>Eldridge, Iowa</i>	Andrew Glenn Van Zante	<i>Urbandale, Iowa</i>
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* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Curriculum in Microbiology

* Kyle Bradley Dohm

Waconia, Minn.

Chenxi Li

Shijiazhuang, China

Multiple Curricula and Majors

Ian Rainier Collis

Minneapolis, Minn.

Biology and Business: Major in Business
Economics

Finnegan James Shanahan-Swanson

Davenport, Iowa

Industrial Technology and Agricultural Systems
Technology

* Walker Phillip Ochs

Cedar Rapids, Iowa

Global Resource Systems and Environmental
Studies and Liberal Arts and Sciences: Major in
World Languages and Cultures (Spanish)

DEGREE RECIPIENTS FROM THE IVY COLLEGE OF BUSINESS

BACHELOR OF BUSINESS ADMINISTRATION

Major in Business Administration

Colten A. VanHouten *Dunlap, Iowa*

BACHELOR OF SCIENCE

Major in Accounting

Gavin Patrick Buckley	<i>Mount Prospect, Ill.</i>	Avery Hans Stroech	<i>Johnston, Iowa</i>
* Michael Marvin O'Connell	<i>Leawood, Kans.</i>	Yiheng Zhang	<i>Chengdu, China</i>

Major in Business Analytics

Joseph A. Orr *West Chicago, Ill.*

Major in Entrepreneurship

* William Carter Rowen *Little Rock, Ark.*

Major in Finance

Hunter Michael Borys	<i>Manitowoc, Wis.</i>	Derek Wayne Lillyblade	<i>Davenport, Iowa</i>
Griffin Michael Coakley	<i>Crystal Lake, Ill.</i>	Jeremy J. Love-Shamblen	<i>Council Bluffs, Iowa</i>
Sadie Jo Ruby Etzel	<i>Clive, Iowa</i>	Grant Douglas Mechaelsen	<i>Story City, Iowa</i>
Ethan Matthew Gindt	<i>Ames, Iowa</i>	Nathan James Nebraska	<i>Marion, Iowa</i>
Kyle John Grossman	<i>Hanover Park, Ill.</i>	* Yizhe Peng	<i>Zhumadian, China</i>
Tyler John Heinzerling	<i>Ankeny, Iowa</i>	Madison Lynn Rundell	<i>Maple Grove, Minn.</i>
Conner Michael Hopkins	<i>Coralville, Iowa</i>	Jonah W. Warren	<i>Iowa City, Iowa</i>

Major in Human Resource Management

Makayla Lynn Wilcox *Johnston, Iowa*

Major in Management

** Alexis Marie Donarski	<i>Onalaska, Wis.</i>	Jeffrey Devlin Norvell	<i>West Des Moines, Iowa</i>
* Jessica L. High	<i>Cedar Rapids, Iowa</i>	Amanda Keli Rabah	<i>Ankeny, Iowa</i>
George J. Hoemann	<i>West Des Moines, Iowa</i>	Almedina Skamo	<i>Urbandale, Iowa</i>
* Kayla Jo Jensen	<i>Neola, Iowa</i>	Lucas Michael Spohn	<i>Downers Grove, Ill.</i>
* Arianna A. Johnson	<i>Johnston, Iowa</i>		

Major in Management Information Systems

Thadeus Walker Booth	<i>Cherokee, Iowa</i>	Jacob Alexander Tendall	<i>Garner, Iowa</i>
Jeremy Michael Hatton	<i>Denison, Iowa</i>	Brendan Whaley	<i>Inverness, Ill.</i>
John Brody Spearman	<i>Sioux City, Iowa</i>		

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Major in Marketing

Samantha Mae Asplund	<i>Excelsior, Minn.</i>	Carter David Heemstra	<i>Orange City, Iowa</i>
Christopher James Becker	<i>Urbandale, Iowa</i>	Juliana Ibarra Lemus	<i>Marshalltown, Iowa</i>
Daniel J. Biggio	<i>Downers Grove, Ill.</i>	Nathan Elrod Kennedy	<i>Glenwood, Iowa</i>
Connor P. Cullen	<i>Ankeny, Iowa</i>	Carson Felix Kirsch	<i>Carroll, Iowa</i>
Courtney Rose Eder	<i>Waconia, Minn.</i>	Noah Lain Lanphier	<i>Monroe, Iowa</i>
Blake Darren Goshorn	<i>Harlan, Iowa</i>	Clayton Jacob Smith	<i>Paton, Iowa</i>

Major in Supply Chain Management

Trevor Jeffrey Baker	<i>Runnells, Iowa</i>	Rohan Mukherjee	<i>Bloomington, Ill.</i>
Gabrielle Claire Berkowicz	<i>Gurnee, Ill.</i>	John Leonard Olson	<i>Minnetonka, Minn.</i>
Cristopher Gavin Bradley	<i>Stillwater, Minn.</i>	Cristopher Gavin Bradley	<i>Stillwater, Minn.</i>
Zachariah M. Bray	<i>Bloomington, Ill.</i>	Chengbin Wang	<i>Ames, Iowa</i>
Gertrude O. Gyeketey	<i>Johnston, Iowa</i>		

Multiple Curricula and Majors

Davis Lane Barton	<i>Adel, Iowa</i>	** Garrett Lee Purcell	<i>Urbandale, Iowa</i>
Accounting and Finance		Management and Liberal Arts and Sciences: Major in World Languages and Cultures (Spanish)	
Logan Daniel Brown	<i>Underwood, Iowa</i>	** Mark Thomas Rodenberg	<i>Marion, Iowa</i>
Entrepreneurship and Marketing		Finance and Accounting	
Justice Abaka Emunah	<i>Cape Cost, Ghana</i>	Gabriel Christopher Vicker	<i>Polk City, Iowa</i>
Management and Marketing		Supply Chain Management and Management	
Erik G. Evans	<i>Minneapolis, Minn.</i>		
Marketing and International Business			
Tate Richard Hentz	<i>Minnetonka, Minn.</i>		
Marketing and International Business 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 DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

** Dakota Joe Dehnke Clive, Iowa

BACHELOR OF ARTS

Curriculum in Art and Design

* Josie Lee Anderson North Liberty, Iowa

BACHELOR OF DESIGN

Curriculum in Design

Bridget Nicole Bersch Jewell, Iowa

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

*** Aaron Christopher Blum	Clear Lake, Iowa	* Jason Scott Hill	Cedar Rapids, Iowa
Alexis Lynn Determann	Glidden, Iowa	Sidney Sue Kiersch	Iowa City, Iowa
Katie Lauren Estes	Clive, Iowa	* Brandon Nicholas Kuenster	Coralville, Iowa
Reilly David Woodrow Freeman	Sioux City, Iowa	Katie Lynn Mifflin	Otley, Iowa
Taylor Jessica Harrison	Jefferson, S. Dak.		

BACHELOR OF INDUSTRIAL DESIGN

Curriculum in Industrial Design

Lauren Leigh Bush	Milan, Ill.	Chandler M. Oleson	Runnells, Iowa
Luke Franklin Mehaffey	Muscatine, Iowa	* Kallan Charmayne Paulsen	Bondurant, Iowa

* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude

† Honors Program
‡ Posthumous Degree

DEGREE RECIPIENTS FROM THE COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE

Curriculum in Aerospace Engineering

Dillon M. Romans	Des Moines, Iowa	Robert B. Stafslie	Sun Prairie, Wis.
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Curriculum in Agricultural Engineering

Owen Michael Zunkel	Madrid, Iowa
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Curriculum in Chemical Engineering

* Ryne Brenneman Dunphy	Grimes, Iowa	** Alexis Jin-Wei Crichton Lambros	Bridgeton, Mo.
* Samantha Kling	Neenah, Wis.		

Curriculum in Civil Engineering

Sofia Abad	Barrington, Ill.	Julie Marie Prohaska	Bartlett, Ill.
Ziyi Fang	Wuwei, China		

Curriculum in Computer Engineering

Yohan Thenuka Bopearatchy	Peoria, Ill.	****† Shelby Madison Murray	Sioux City, Iowa
** Evan Norbert Gossling	New Hampton, Iowa	Jonathan Russell Pixler	Ames, Iowa
Kyoungkeun Lee	Seoul, South Korea	Theodore P. Thayib	Rochester, Minn.

Curriculum in Construction Engineering

Jake Daniel Carani	Sycamore, Ill.	Tyler Allen Cox	Neola, Iowa
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Curriculum in Cyber Security Engineering

Aayush Chanda	Naperville, Ill.
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Curriculum in Environmental Engineering

Alec John Torres	Glen Ellyn, Ill.
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Curriculum in Industrial Engineering

Nicole Marie Aroche	Ames, Iowa	Maribel Gonzalez	West Chicago, Ill.
Peter Griffith Fucigna	Fairfield, Conn.	Aden C. Harzman	Montgomery, Ill.

Curriculum in Mechanical Engineering

Zachary A. Biles	Marion, Iowa	Caitlin Marie Russell	Plainfield, Ill.
Gabriel Patrick Carolus	Council Bluffs, Iowa	Sahal Abdullahi Sahal	Des Moines, Iowa
Kristian Lee Ferneau	Conrad, Iowa	Nicholas Thomas Schmitz	Pella, Iowa
** Nathan Mathew Leathers	Pella, Iowa	Daisy Arianiz Segura	Elgin, Ill.
Trenton J. Luther	Oak Brook, Ill.	Kyle Sexton	Danbury, Iowa
Joseph Isaac Nicholson	Des Moines, Iowa	Phillip Daniel Sowa	Mount Prospect, Ill.
Scott Steven Palmer	Mount Pleasant, Wis.	*** Agnes Tiew	Penang, Malaysia
Cole Cameron Riebert	Eden Prairie, Minn.	Nhan Ngoc Thanh Tran	Ho Chi Minh City, Vietnam

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Erwin Djoko Utomo
* Andrew Michael Wagner

Huxley, Iowa
Calmar, Iowa

Parker Michael Wilson

Wheaton, Ill.

Curriculum in Software Engineering

Asad Abdalla
Tomas Daniel Elias
Matthew Brian Karmelich

Cedar Rapids, Iowa
Bettendorf, Iowa

Rolling Hills Estates, Calif.
Wayne, Ill.

Zachary Joseph Miller

Akashkumar Ashok Patel
Meet Jitendra Patel
Drake Thomas Ridgeway
Khushveen Kaur Umra

Addison, Ill.
Waterloo, Iowa
Center Point, Iowa
Rumaiithiya, Kuwait

* Cum Laude
** Magna Cum Laude

*** Summa Cum Laude
† Honors Program

DEGREE RECIPIENTS FROM THE COLLEGE OF HUMAN SCIENCES

BACHELOR OF SCIENCE

Curriculum in Apparel, Merchandising, and Design

Kaylee E. Brown	Webb, Iowa	* Brooke Lee Mulholland	Bettendorf, Iowa
Bria Alicia Felix	Rosemount, Minn.	Madeline Elise Quinlan	Huntley, Ill.
Phoebe Diana Kammueler	Racine, Wis.	Alyssa Janette Shropshire	Aurora, Ill.
Elizabeth Lara	Carlisle, Iowa	* Chanel Luke Spear	Reinbeck, Iowa
Phoebe Anna Lawrence	Muscatine, Iowa	* Grant Weston Sullivan	Ely, Iowa
Cindy Thanh Ly	West Des Moines, Iowa	Sydney Love Tronnier	Hastings, Minn.
Leah Mae Meyers	Sioux City, Iowa	** Ella Grace Voloshen	Sioux City, Iowa
*** Ivy Miller	Dubuque, Iowa		

Curriculum in Event Management

Maia Alex Bloom	Maple Grove, Minn.	Samira Menzies Sayeed	Des Moines, Iowa
*** Isabella Grace Johnson	Slater, Iowa	Molly Renee Stiles	Council Bluffs, Iowa
Alexandria Marie Rotert	West Des Moines, Iowa		

Curriculum in Food Science

Sarah Rebecca Mattingly Garwin, Iowa

Curriculum in Hospitality Management

Stephanie Martinez Round Lake, Ill.

Curriculum in Human Development and Family Studies

* Courtney Lynn Aden	Cherokee, Iowa	* Anabelle Beth Hanna	Sioux City, Iowa
* Raichel Jeannine Beierle	Johnston, Iowa	** Marlee Mae Hill	Clive, Iowa
** Alexis Marie Christopherson	Sioux Falls, S. Dak.	Rachel Anne Math	Des Moines, Iowa
*** Rachel Lambert Dailey	Cedar Falls, Iowa	** Maci Paige Stephens	Grimes, Iowa
Mackenzie Kay Dunson	Nevada, Iowa	** Carmen Rae Wesselman	Edina, Minn.
Jeanette Martina Duwa	Low Moor, Iowa	Felicia Shauntae Whitsett	Chicago, Ill.

Curriculum in Kinesiology and Health

Eryn Catherine Anderson	Donnellson, Iowa	Levi Henry Hummel	Des Moines, Iowa
Layne Kenneth Bender	Altoona, Iowa	Safie Agnes Jackson	Des Moines, Iowa
Addalee Grace Bicknese	Iowa Falls, Iowa	Erik Jaime	Denison, Iowa
Avry Joseph Bonacci	West Des Moines, Iowa	* Kyle D. Krezek	Cedar Rapids, Iowa
** Megan Elizabeth Burke	Oskaloosa, Iowa	Jayden William Lane	Belmond, Iowa
* Grant W. Clark	West Des Moines, Iowa	Taylor Ann Manusos	Grimes, Iowa
* Jack Mcdermott Daus	Wadsworth, Ill.	Zackary John McDaniel	Bondurant, Iowa
Olivia Kelsey Grace Dee	Huxley, Iowa	** Gavin Joseph Miller	Boone, Iowa
Shawn Frederick Deutmeyer	Dyersville, Iowa	Mikayla Nicole Ramos	Riverside, Calif.
* Shannon E. Dougherty	Clive, Iowa	Austin David Richardson	Devine, Tex.
Braden Foster	Wauconda, Ill.	Zachary Jacob Ross	Des Moines, Iowa
Devonny A. Goodman	Ankeny, Iowa	*† Emma Julianna Roush	Keswick, Iowa
Sarah Marie Hazlewood	Johnston, Iowa	Tiffany Schott	Tipton, Iowa
* Jessica L. High	Cedar Rapids, Iowa	Jocelin Sharfnejda	Marshalltown, Iowa

* Cum Laude
** Magna Cum Laude

*** Summa Cum Laude
† Honors Program

Haley Paige Sharp
* Zack C. Sherman
Kacper A. Spiewak
Jack Harold Stevenson
Andrew Joseph Strottman

Johnston, Iowa
Crystal Lake, Ill.
Chicago, Ill.
Sheldon, Iowa
Nevada, Iowa

Christina Alexis Sysombath
Lal Thlan Thangi
Ellen Elizabeth Walstrom
Alex Rae Wiese

Des Moines, Iowa
Des Moines, Iowa
Maplewood, Minn.
Bennett, Iowa

Multiple Curricula and Majors

Lydia Faith Selander Kennedy *Davenport, Iowa*
Apparel, Merchandising, and Design and Liberal
Arts and Sciences: Major in World Languages and
Cultures (Spanish)

* KayLinh M. Luong *Urbandale, Iowa*
Human Development and Family Studies
and Liberal Arts and Sciences: Major in
Communication Studies

* *Cum Laude*
** *Magna Cum Laude*

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

DEGREE RECIPIENTS FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

BACHELOR OF ARTS

Major in Advertising

** Emma JoAnne Ellsworth Vonzell Eugene Kelley III John Tatsuki Ockey Madison Marie Shannahan	Boone, Iowa Lee's Summit, Mo. Gilbert, Iowa Des Moines, Iowa	** Brianne Marie Shea William Robert Short Hannah Sue Timm Samantha J. Vaith	Bettendorf, Iowa Ankeny, Iowa Cedar Falls, Iowa Roseville, Minn.
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Major in Anthropology

Colburn Avery	Dunlap, Ill.
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Major in Biological/Pre-Medical Illustration

Simon Jose Ball	Bloomfield, Iowa
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Major in Communication Studies

Emily Elizabeth Anderson Charles Edmondson Logan Hoschek	Prior Lake, Minn. Johnston, Iowa Burlington, Iowa	Danae Nelson Justin Scott Reynolds	New Providence, Iowa Council Bluffs, Iowa
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Major in Computer Science

Keshav Reddy Pogalla Kordell Murray Schrock	Hyderabad, India Toledo, Iowa	Sundar Shivraj	Peoria, Ill.
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Major in Criminal Justice

Sydney Elizabeth Ballou Allison Molly Bell * Michael Joseph Cima ** Fiorella V. Meyer	Monticello, Iowa Ames, Iowa Mount Prospect, Ill. Ames, Iowa	Nicole Cheyenne Reiser Mitchell Roellig Carson Slater	Carroll, Iowa Chicago, Ill. West Des Moines, Iowa
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Major in English

Katherine Rae Cloud *** Jacqueline Zoe Murphy	Ames, Iowa Huxley, Iowa	Kathryn LeAnne Obermiller *** Allison Rebecca Weiler	Ames, Iowa Ames, Iowa
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Major in Interdisciplinary Studies (Classical Studies)

** Madeline Rachel Baird	Omaha, Neb.
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Major in Music

Mary Katherine Dratz	Eagan, Minn.	Sadie Jo Ruby Etzel	Clive, Iowa
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Major in Performing Arts

Caitlin Rose Allen * Levi Donald Read Frazier	Cedar Rapids, Iowa Clarinda, Iowa	Kaitlyn Kristine Meylor	Milford, Iowa
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* Cum Laude
** Magna Cum Laude

*** Summa Cum Laude
† Honors Program

Major in Political Science

Lyndsey Jolene Batz

Des Moines, Iowa

Tessa Grace McDonald

Ankeny, Iowa

Major in Psychology

Jolia Alier Agok

Des Moines, Iowa

Tessa Marie Leathers

Spirit Lake, Iowa

Ben Morris De Reus

Otley, Iowa

** Chelsie Marie Moore

Sioux City, Iowa

Gabriella Gennie Guthrie

Algona, Iowa

** Kaitlyn C. Richardson

Crescent, Iowa

Analy Maribel Hernandez

Des Moines, Iowa

** Andrew Reed Talbert

Marshalltown, Iowa

D'Shayne AM. James

Chandler, Ariz.

Major in Religious Studies

Lucas F. Koch

Madison, Wis.

Major in Women's and Gender Studies

Molly P. Moe

Shenandoah, Iowa

Major in World Languages and Cultures (German)

Hope Lee Navin

Ankeny, Iowa

Multiple Curricula and Majors

* Bryce A. Corning

Verona, Wis.

Autumn Dawn Jewell

Eldora, Iowa

Political Science and Public Relations

Psychology and Human Development and Family Studies

Christopher Levi Hauser

Cedar Rapids, Iowa

Political Science and History

BACHELOR OF LIBERAL STUDIES

Major in Liberal Studies

Paige M. Anderson

Barrington, Ill.

Erin Nicole Failor

Altoona, Iowa

Tanner Anderson

Irvine, Calif.

Diante Maurice Garrett

Charlotte, N.C.

* Chloe Christine Bormann

Davenport, Iowa

Taglao Jeeravivitaporn

Minburi, Thailand

Thomas Anton Caruso Jr.

Fort Madison, Iowa

* Michelle L. Myers

Bettendorf, Iowa

Mackinzie A. Clair

Des Moines, Iowa

Zachary Jacob Ross

Des Moines, Iowa

Micaiah N. Clayton

Sioux City, Iowa

Mitchell Ryan Versteeg

Waverly, Iowa

Abby Lyn DeJoode

Pleasantville, Iowa

Mark Conway Williams

Leawood, Kans.

BACHELOR OF SCIENCE

Major in Biology

Lorpu Kokoi

Des Moines, Iowa

** Sofia Claire Place Stumpf

Lakefield, Minn.

Buyenyo Otom Oluak

Des Moines, Iowa

Major in Chemistry

Yuxuan Su

Changsha, China

Tristan Sheldon Verkade

Ames, Iowa

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program

Major in Computer Science

Austin L. Brannian

Johnston, Iowa

Maxwell Alexander Dupree

Cedar Falls, Iowa

Major in Data Science

Carter John Meseck

Mapleton, Iowa

Major in Genetics

Lowdan Ali Ali

Des Moines, Iowa

Humza Naeem Firoz

Ames, Iowa

Linda Sameer Koko Elamin-Elradi

Des Moines, Iowa

Major in Geology

Karly Jane Bandy

Walford, Iowa

Sydney Mia Larson

New Richmond, Wis.

* Natalie Grace Kongable

Center Point, Iowa

Shannon Victoria Osadjan

Poplar Grove, Ill.

Major in History

Clarence Austin Campbell

Belleville, Ill.

Lillian Viola Fedler

Sauk City, Wis.

Major in Journalism and Mass Communication

Alexander Clayton England

Iowa Falls, Iowa

Lauryn E. Schieffer

Altoona, Iowa

Maximillian Bernard Lisowski

Woodstock, Ill.

Anthony Micheal Smith

Council Bluffs, Iowa

Major in Mathematics

Kelli May Christensen

Irwin, Iowa

James Eric Clark

Ankeny, Iowa

Major in Physics

Benedict Ray Said Bundi

Cedar Falls, Iowa

Major in Psychology

Natalie Kristine Anderson

Clive, Iowa

* Kyle D. Krezek

Cedar Rapids, Iowa

John P. Bannos

Batavia, Ill.

Estefany Mercado

Des Moines, Iowa

Cole E. Boyer

Panora, Iowa

** Davis Lee Miller

Hinsdale, Ill.

Bailey Caroline Dunkin

Denver, Iowa

Lily Theisen Stamer

Urbandale, Iowa

Madison Marie Givens

Alburnett, Iowa

Kristyn Amber Woody

West Des Moines, Iowa

Andrea Drumeire Jackson

Ames, Iowa

Major in Public Relations

Arwa Hassan

Iowa City, Iowa

Zachary Ryan Paustian

Waukee, Iowa

** Isabel Eve Kinzie

Anita, Iowa

Sarah Lynn Sheets

Ames, Iowa

Samuel McCune

West Des Moines, Iowa

Willow Brynn Weber

Swisher, Iowa

Multiple Curricula and Majors

Mitchell D. Aiken

Mount Horeb, Wis.

Garry Sheldon Martin Jr.

Des Moines, Iowa

Economics and Political Science

History and Political Science

Emelia M. Lowe

Wayzata, Minn.

Public Relations and Communication Studies

* Cum Laude

*** Summa Cum Laude

** Magna Cum Laude

† Honors Program



Honorary Degree Recipients

HONORARY DEGREE RECIPIENTS

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

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

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

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

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

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

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

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

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

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

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

1903: Robert B. Armstrong, Master of Philosophy.

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

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

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

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

1909: Norman J. Coleman, Doctor of Science.

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

1909: James W. Robertson, Doctor of Science.

1914: Charles Keffer, Doctor of Science.

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

1914: James Wilson, Doctor of Science.

1915: Marion Dorset, Doctor of Veterinary Medicine.

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

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

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

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

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

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

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

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

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

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

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

1920: Albert S. Hitchcock, Doctor of Science. B.S., 1884, Iowa State; agronomist in the U.S. Department of Agriculture.

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

1920: John R. Mohler, Doctor of Science. Chief of the Bureau of Animal Industry in the U.S. Department of Agriculture.

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

1920: R. A. Oakley, Doctor of Science. Agronomist in charge of seed distribution in the U.S. Department of Agriculture.

1920: Thomas L. Smith, Doctor of Engineering. Prominent mechanical engineer and inventor.

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

1922: Henry C. Wallace, Doctor of Laws. B.S., 1892, Iowa State; U.S. Secretary of Agriculture.

1925: George I. Christie, Doctor of Science. B.S., 1903, Iowa State; Under Secretary of Agriculture, U.S.D.A.

1925: Clyde W. Warburton, Doctor of Science. B.S., 1902, Iowa State; head of the Bureau of Plant Industry of the U.S.D.A. under James Wilson.

1926: Matt Luckiesh, Doctor of Science.

1928: George R. Chatburn, Doctor of Engineering. B.S., 1884, Iowa State; head of the Department of Civil Engineering at the University of Nebraska.

1928: W. K. Robbins, Doctor of Science. B.S., 1878, Iowa State; outstanding agricultural chemist.

1928: J. H. Shephard, Doctor of Agriculture.

1928: Edward A. Sherman, Doctor of Science. B.S., 1896, Iowa State.

1929: Clifford P. Fitch, Doctor of Science.

1929: Thomas H. MacDonald, Doctor of Science. B.S., 1904, Iowa State; first Secretary and Highway Engineer for the Iowa Highway Commission.

1932: John Hammond, Doctor of Science.

1932: A. J. Kluyer, Doctor of Science.

1934: Henry Agard Wallace, Doctor of Science. B.S., 1910, M.S., 1920, Iowa State; U.S. Secretary of Agriculture; was Vice President under Franklin D. Roosevelt; DAC recipient in 1964.*

1935: Duncan Marshall, Doctor of Agriculture.

1936: Ronald Alymer Fisher, Doctor of Science.

1936: Raymond Mollyneaux Hughes, Doctor of Laws. President of Iowa State from 1927 to 1936; his Handbook for College Trustees was well regarded.

1940: Maria M. Roberts, Doctor of Laws. B.S., 1890, Iowa State; professor of mathematics and dean of the Junior College at Iowa State.

1942: George Harrison Shull, Doctor of Science.

1942: Wilbur M. Wilson, Doctor of Engineering. B.S., 1900, Iowa State.

1944: Rush B. Lincoln, Doctor of Science.

1945: Milton Ferdinand Beecher, Doctor of Engineering. B.S., 1910, Iowa State; official in the Norton Company in Worcester, Massachusetts.

1945: Thomas Ray Stanton, Doctor of Agriculture.

1947: Mabel V. Campbell, Doctor of Science. Honorary degree conferred at the convocation celebrating 75 years of home economics at Iowa State. B.S., 1905, Iowa State.

1947: Hazel Steibling, Doctor of Science. Honorary degree conferred at the convocation celebrating 75 years of home economics at Iowa State. Chief of the Bureau of Human Nutrition and Home Economics, U.S.D.A.

1948: Anson S. Marston, Doctor of Engineering. First dean of engineering at Iowa State.

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

1948: Lyle Ford Watts, Doctor of Agriculture. B.S., 1913, Iowa State; chief of the U.S. Forest Service.

1949: Earl Owen Shreve, Doctor of Engineering. B.S., 1904, Iowa State; vice president of General Electric.

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

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

1951: Edward Norris Wentworth, Doctor of Agriculture. B.S., 1907, M.S., 1909, Iowa State; faculty member at Iowa State College; distinguished historian of American livestock; author of American Sheep Trails.

1952: Roscoe C. Pollock, Doctor of Agriculture. B.S., 1913, M.S., 1921, Iowa State.

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

1953: Ezra Taft Benson, Doctor of Agriculture. M.S., 1927, Iowa State; U.S. Secretary of Agriculture.

1953: Fred T. Whiting, Doctor of Engineering. B.S., 1913, Iowa State; vice president for Westinghouse Company in charge of the Northwest district.

1954: Thomas Roy Truax, Doctor of Agriculture. B.S., 1912, Iowa State; head of the Forest Products Division of the U.S.D.A. at Madison, Wisconsin; honorary degree conferred at the 50th anniversary of the Department of Forestry.

1955: Almon H. Fuller, Doctor of Engineering. Head of the Department of Civil Engineering at Iowa State.

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

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

1957: Belle Lowe, Doctor of Science.

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

1958: Henry Dale Bergman, Doctor of Science. D.V.M., 1910, Iowa State; dean of veterinary medicine, Iowa State.

1958: Ralph Kenneth Bliss, Doctor of Science. B.S., 1905, Iowa State; director of Agriculture and Home Economics Extension at Iowa State.

1958: Florence Alberta Fallgatter, Doctor of Science. Head of the Department of Home Economics Education at Iowa State.

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

1958: Robert Earle Buchanan, Doctor of Science. B.S., 1904, Iowa State; dean of industrial science, head of the Department of Bacteriology, Dean of the Graduate College, and director of the Agricultural Experiment Station at Iowa State.

1958: John Walter Coverdale, Doctor of Science. Official in Rath Packing Company.

1958: Gertrude Mary Cox, Doctor of Science. B.S., 1929, Iowa State.

1958: Edward Bertram Evans, Doctor of Science. D.V.M., 1918, Iowa State; the centennial program carried the following, "Veterinarian, Agricultural Educator." DAC recipient in 1968.*

1958: Theodore V. Houser, Doctor of Science. B.S., 1915, Iowa State; president of Sears Roebuck and Co.

1958: Henry H. Kildee, Doctor of Science. B.S., 1908, M.S., 1917, Iowa State; head of the Department of Animal Husbandry and Dean of Agriculture, Iowa State.

1958: Allan Blair Kline, Doctor of Science. B.S., 1938, Iowa State; president of the American Farm Bureau.

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

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

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

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

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

1965: James H. Hilton, Doctor of Science. B.S., 1923, Iowa State; professor of animal husbandry, Purdue (1927-1945); president, Iowa State (1953-1965).

1991: Raymond F. Baker, Doctor of Humane Letters. B.S., 1935, Iowa State; director of research at Pioneer Hi-Bred International Inc.

1992: Norman Borlaug, Doctor of Humane Letters. 1970 Nobel Peace Prize recipient for work in developing wheat varieties.

1993: Thorton A. Wilson, Doctor of Science. B.S., 1943, Iowa State; President of the Boeing Company in 1968 and chairman of the board in 1972; DAC recipient in 1973.*

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

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

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

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

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

1997: Simon Estes, Doctor of Humane Letters. Studied voice at the University of Iowa from 1956-1963; from 1964 to 1965 studied at the Julliard School of Music; distinguished faculty member at Julliard since 1986; recognized for extraordinary achievements in operatic music, philanthropy, and generosity to disadvantaged children; named Honorary Alumnus in 2007.

1997: Emery N. Castle, Doctor of Humane Letters. Ph.D., 1952, Iowa State; recognized for his outstanding achievements in agricultural economics helping to improve the quality of life in rural America.

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

1998: Federico Mayor, Doctor of Science. Recognized for his extraordinary achievements as a biochemist and for promoting peace in the Middle East and throughout the world.

2000: John Vincent Atanasoff, Doctor of Science. M.S., 1926, Iowa State; with the help of graduate student Clifford Berry, designed, assembled, and demonstrated the first electronic digital computer, the Atanasoff-Berry Computer, in the basement of Iowa State University's Physics Building; he remains an inspiration to generations of Iowa Staters with his legacy of inquiry and excellence in the physical sciences and engineering; DAC recipient in 1984.*

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

2000: Jean Marie Dubois, Doctor of Science. One of the world's leading researchers in the area of quasicrystals; credited with fostering and guiding collaborative research on useful applications for quasicrystals, including a project involving scientists at Iowa State University and the Ames Laboratory.

2001: Keith R. Yamamoto, Doctor of Science. B.S., 1968, Iowa State; internationally known research scientist and a leader in national science policy; known for his breakthrough work on steroid hormone receptors; DAC recipient in 1997.*

2001: John Ruan, Doctor of Humane Letters. Chairman and CEO of The Ruan Companies, Des Moines; recognized for his generosity to the city of Des Moines, his home state of Iowa, and the international community; founder and ongoing supporter of the World Food Prize Foundation, publicizes the challenges of feeding the world and recognize significant advances in our capacity to produce, improve and distribute food.

2002: Katharine Abraham, Doctor of Science. B.S., 1976, Iowa State; occupied one of the most important professional positions in the U.S. government dealing with economic performance and economic policy, the Bureau of Labor Statistics; under her direction, the bureau improved its method for collecting employment statistics, initiated a program to collect data on job vacancies, and improved the way the Consumer Price Index is measured; DAC recipient in 1999.*

2002: Dr. M. Daniel Lane, Doctor of Humane Letters. Contributions to research in the fields of biochemistry and nutrition; international leader in understanding the development and mechanisms underlying obesity; contributed to development of appetite-controlling drug; ground-breaking work in insulin signaling and in mechanisms underlying diabetes.

2003: Roy Whistler, Doctor of Science. Ph.D., 1938, Iowa State; an internationally recognized leader in carbohydrate research for more than half a century; DAC recipient in 1999.*

2003: Joanne Eicher, Doctor of Humane Letters. Played a key role in developing an understanding of and respect for African textiles in this country.

2006: Vance Coffman, Doctor of Science. B.S., 1967, Iowa State; widely respected by the nation's military and civilian leaders, often sought for advice on national security goals; DAC recipient in 1999.*

2006: Graham B. Spanier, Doctor of Humane Letters. B.S., 1969, M.S., 1971, Iowa State; president of the Pennsylvania State University; known as one of the nation's premier leaders in higher education issues and helping universities meet the changing needs of the society and world; recipient of Distinguished Alumni Award in 2004.

2006: Monkombu Sambasivan Swaminathan, Doctor of Humane Letters. Ph.D. in plant genetics from Cambridge University; acclaimed by TIME magazine as one of the 20 most influential Asians of the 20th century and one of three from India, the others being Mahatma Gandhi and Rabindranath Tagore; considered a world leader in sustainable food security.

2006: Robert D. Ray, Doctor of Humane Letters. An attorney in Des Moines for 14 years; he served an unprecedented five terms as Governor of Iowa, from 1969-1983, served as a U.S. representative to the United Nations; named "Most Influential Iowan" at the turn of the century and holds honorary degrees from 17 colleges and universities.

2007: Robert Byron Bird, Doctor of Science. B.S., University of Illinois; Ph.D., Wisconsin; Vilas Professor Emeritus of chemical and biological engineering at the University of Wisconsin, Madison; known for five decades of books and research in chemical engineering and thermal science; Fulbright Lecturer and Guggenheim Fellow at Technische Universiteit, Delft, The Netherlands; Fulbright Professor at Kyoto University and Nagoya University, Japan; Fulbright Lecturer at the University of Sarajevo, Bosnia; and a visiting professor at universities in the United States, China, and Belgium.

2007: John Pappajohn, Doctor of Humane Letters. Founder and president of Equity Dynamics, Inc., and Pappajohn Capital Resources, a venture capital firm; director on more than 40 public and private boards; launched the Pappajohn Centers for Entrepreneurship at several Iowa colleges; Iowa Philanthropist of the Year Award in 1998, and Honorary Alumni of Iowa State University in 2005.

2008: Michael M. Crow, Doctor of Humane Letters. B.S., 1977, Iowa State; Ph.D., 1985, Maxwell School of Citizenship and Public Affairs, Syracuse University; president, Arizona State University; faculty member: University of Kentucky, Columbia University, Iowa State (1985-1991). Helped establish more than 15 applied research centers and technology transfer organizational structures and mechanisms. Involved with Institute for Physical Research and Technology (IPRT) and Center for Crops Utilization Research (CCUR). Served as senior adviser to U.S. Departments of State and Commerce on science and technology policy related to intelligence and national security; a Fellow of the National Academy of Public Administration; and member, Council on Foreign Relations.

2008: Kenneth M. Quinn, Doctor of Humane Letters. Graduate of Wahlert High School and Loras College; former U.S. Ambassador to the Kingdom of Cambodia; president, World Food Prize Foundation; member, American Foreign Service; member, Henry Kissinger's National Security Council; Special Assistant to Ambassador Richard Holbrooke; Narcotics Counselor at US mission to the United Nations in Vienna; humanitarian efforts on behalf of refugees; Chairman of the Inter-agency Task Force on POW/MIAs; and member of the US-Russia POW/MIA Commission.

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

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

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

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

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

2011: Harold Scheraga, Doctor of Science. B.S., 1941, City College of New York; A.M., 1942, and Ph.D., 1946, Duke University; one of the world's leading physical chemists working on macromolecules, primarily proteins and nucleic acids, member of the National Academy of Science and American Academy of Arts and Science, and a Fellow of the American Chemical Society, Biophysical society, and American Association for the Advancement of Science, six-time Fogarty Scholar of the National Institutes of Health. Four of his papers have been designated as "citation classics" by the journal Current Contents, and in the March 1982 issue, he was listed as the most frequently cited physical chemist in the world. In a 2009 ranking of the 2,000 most notable living chemists, he was ranked 11th.

2011: Robert N. Shelton, Doctor of Science. B.S., Stanford University; M.S. and Ph.D., University of California; 19th president of the University of Arizona, affiliated with the Ames Laboratory of the U.S. Department of Energy at ISU, in 1987, he joined the faculty at the University of California, Davis, as professor and chair of the Department of Physics, was appointed Vice Chancellor for Research in 1990, and Vice Provost for Research of the University of California system in 1996, in 2001, he joined the University of North Carolina, Chapel Hill, as Executive Vice Chancellor and Provost, Dr. Shelton's research has focused on collective electron effects in novel materials, and he made many significant contributions to the advancement of superconductivity and superconductive materials.

2011: Benjamin J. Allen, Doctor of Humane Letters. B.S., Indiana University; M.S. and Ph.D., University of Illinois; president of the University of Northern Iowa since 2006; former professor, dean, vice president, and provost at Iowa State University from 1979 to 2006; and a member of the Washington State University faculty from 1974 to 1979, including a year as a Brookings Economic Policy Fellow in the U.S. Department of Transportation; nationally known researcher and educator in transportation and logistics, appointed by Iowa Governor Branstad to co-chair, the Iowa STEM (Science, Technology, Engineering and Mathematics) Advisory Council.

2012: George P. Belitsos, Doctor of Humane Letters. Founder and Chief Executive Officer of Youth and Shelter Services, Inc. (YSS). Headquartered in Ames, YSS is dedicated to helping communities prepare young people for the challenges of life by providing information services and tools to create healthier opportunities and outcomes for troubled youth.

2012: Daniel Gianola, Doctor of Science. B.S., 1970, Universidad de la Republica; M.S., 1973, and 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).

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.

2021: H. Allen Myers, Doctor of Science. B.S. and M.S. University of Illinois. President and founder of Ag Leader Technology, Inc. in Ames, Iowa, the largest privately-owned supplier of precision farming technology, produces more than two-thirds of the grain yield measuring sensors made in the world with a catalog of seven product lines of equipment and services. Innovative inventor, product developer, entrepreneur, and holder of 16 U.S. patents and two foreign patents.

2022: Beth Ford, Doctor of Humane Letters. B.S. Iowa State University; MBA Columbia University Business School. President and CEO of Land O'Lakes, Inc. since August 2018, a Fortune 200 food production and agribusiness company that is also a 100-year-old farmer-owned cooperative. Recognized by Fortune as one of the World's 50 Greatest Leaders and Most Powerful Women, she is a passionate advocate for farmers and rural communities, working to drive public policy and investment in critical issues like access to health care, quality education, and broadband internet. Member of the Board of Directors for the Business Roundtable; BlackRock, the world's largest asset manager; Fortune 150 company PACCAR, Inc. and numerous other industry, non-profit and university boards

2022: Subra Suresh, Doctor of Science. BTech Indian Institute of Technology; M.S. Iowa State University; Ph.D. Massachusetts Institute of Technology. President of Nanyang Technological University, Singapore since January 2018. President of Carnegie Mellon University from 2013-2017. Appointed by President Obama to serve as director of the National Science Foundation from 2010-2013. A member of all three National Academies: Institute of Medicine (2013), National Academy of Science (2012), and National Academy of Engineering (2002). Member of the American Academy of Arts and Sciences and the National Academy of Inventors. He researches the properties of engineered and biological matters, and their connections to human diseases. He has authored 300 research articles and three books and filed 25 patent applications.

2022: Daniel Houston, Doctor of Humane Letters. B.S., 1984, Iowa State. Houston, chairman, president, and CEO of Principal Financial Group since 2015, a Fortune 250 company based in Des Moines that serves 32 million customers in more than 80 nations. An accomplished business and community leader and steadfast advocate for financial education, he is former chair of the American Council of Life Insurers, and a member of the esteemed Business Roundtable. Houston is also a champion for diversity in the workplace, leading to Principal Financial Group being named annually as one of the world's most ethical companies.

2023: Temple Grandin, Doctor of Science.

Grandin, distinguished professor of animal science at Colorado State University, is an expert in animal behavior and welfare, whose research on livestock handling and facilities has been adopted by leading companies around the world. Grandin is also a best-selling author, an advocate for persons with autism, and the recipient of numerous honors, including several honorary doctorates, fellowship in the American Association for the Advancement of Science, and the National Women's Hall of Fame.

2023: Trudy Huskamp Peterson, Doctor of Humane Letters.

B.S., 1967, Iowa State. Peterson is the first woman to serve as Archivist of the United States, where she oversaw completion of the National Archives building, developed a nationwide computer network for the Archives, and improved national standards for archival record descriptions. Peterson is also a former president of the Society of American Archivists, vice president of the International Council on Archives, and director of archives and records management for the United Nations.

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)