



# FALL COMMENCEMENT

FRIDAY, DECEMBER 20, 2024  
SATURDAY, DECEMBER 21, 2024

IOWA STATE UNIVERSITY



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

*Congratulations to all of the Fall 2024 graduates of Iowa State University!*



*Welcome to Iowa State University's Fall 2024 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 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 166th 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 20, 2024.  
Listing in this program is not proof of graduation.*

## THE OFFICIAL UNIVERSITY MACE

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

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

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



## THE PRESIDENTIAL CHAIN OF OFFICE

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The presidential chain of office symbolizes the rich history and traditions of Iowa State University. It features an image of the Campanile on the front. On the back is a representation of Beardshear Hall, home to the president’s office. The columns of Beardshear form the shoulder epaulets, inscribed with “leadership” and “service.” The Campanile-inspired links in the presidential collar contain the words “engagement,” “learning,” “discovery,” and “access.” The reverse sides of the bronze sections feature low bas reliefs of corn.

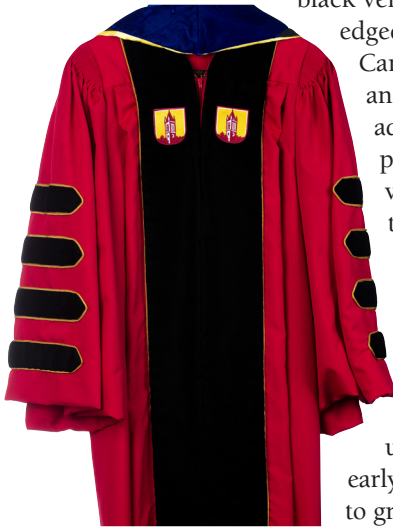
The mace and first presidential chain of office (“Monile Praesidis Maximus”) was commissioned by University Museums and the ISU Alumni Association in 2008. The second presidential chain (“Monile Praesidis Secundum”), a proportionally smaller version commissioned by University Museums in 2018, was supported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



## ACADEMIC REGALIA

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In May 2008, Iowa State University debuted custom-designed doctorate regalia. The special commencement doctorate gowns were created with emblems and colors to reflect Iowa State's tradition and to complement Iowa State's hood. The fabric is cardinal red gabardine with



black velvet panels and chevrons edged with gold cording. The Campanile, a beloved symbol and university tradition, adorns the two front velvet panels. An eight-sided black velvet tam with a gold silk tassel completes the official regalia.

Academic gowns have been part of the university experience since the twelfth century and the advent of the first European universities. Because these early schools were connected to great cathedrals, the black gown of the schoolmasters, or

scholastics, emulated the somber dignity of the clergy and signified a life devoted to learning. In addition, the ample materials of the gown served to keep the scholars warm in the drafty environment of the medieval university.

A confusing array of caps, gowns, and hoods emerged from the centuries in Great Britain and from early years of higher education in the United States. American institutions recognized the need for a standard code and the great majority of academic costumes now worn in the United States are in accordance with the general provisions of the Intercollegiate Code of 1895. This code was slightly revised in 1932 and again in 1959. Under this code, the bachelor's

gown has pointed sleeves; the master's gown has oblong sleeves with an arc at the bottom; and the doctor's gown has bell-shaped sleeves. 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*

Health and 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

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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

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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

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Candidates for undergraduate degrees may be recognized for graduating “With Distinction” and/or graduating in the Honors Program. 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 or Satisfactory-Fail course 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 2024**

Graduate College  
Commencement Ceremony

7:00 p.m., Friday, December 20, 2024  
James H. Hilton Coliseum



# GRADUATE COLLEGE COMMENCEMENT PROGRAM

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**7:00 p.m., Friday, December 20, 2024, 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** ..... Robert Brown  
Anson Marston Distinguished Professor in Engineering;  
Gary and Donna Hoover Chair in Mechanical Engineering;  
Co-Director of Bioeconomy Institute

**Recognition of Students Receiving  
Research Excellence Awards  
Teaching Excellence Awards** ..... Provost Jason Keith

**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 2024 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

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## Platform Officials

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Wendy Wintersteen, President of the University  
Robert Brown, Anson Marston Distinguished Professor in Engineering; Gary and Donna Hoover Chair in Mechanical Engineering; Co-Director of Bioeconomy Institute; and Commencement Speaker  
Toyia Younger, Senior Vice President for Student Affairs  
Sean Reeder, Senior Vice President for Operations and Finance  
Dawn Bratsch-Prince, Associate Provost for Faculty  
Hilary Seo, Dean of Library Services; and Associate Professor of Library Services  
Meghan Gillette, Associate Teaching Professor of Human Development and Family Studies in the College of Health and Human Sciences; and Faculty Senate President-Elect  
Jeffery Johnson, Lora and Russ Talbot Endowed President and Chief Executive Officer of the Iowa State University Alumni Association  
Robert Wallace, Associate Professor of Ecology, Evolution, and Organismal Biology in the College of Liberal Arts and Sciences; and Chief Faculty Marshal ◆◆  
Jennifer Suchan, University Registrar

Jason Keith, 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 Jolly, Endowed Dean and Dean's Chair of the College of Health and 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  
Benjamin Withers, Dean of the College of Liberal Arts and Sciences; and Professor of History  
Dan Grooms, Stephen G. Juelsgaard Endowed Dean of the College of Veterinary Medicine; and Professor of Veterinary Diagnostic and Production Animal Medicine  
Huifang Mao, Interim Associate Dean for Research and Academic Personnel in the Ivy College of Business; Professor of Marketing; and Raisbeck Professor in Business

## Presenting Professors

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Beena Ajmera, Civil, Construction and Environmental Engineering  
Mohammad Tayeb Al Qaseer, Electrical and Computer Engineering  
Sotirios Archontoulis, Agronomy ◆◆  
Xianglan Bai, Mechanical Engineering  
Suzanne Bartholomae, Human Development and Family Studies  
Gulbahar Beckett, English  
Thomas Brumm, Agricultural and Biosystems Engineering ◆◆  
Halil Ceylan, Civil, Construction and Environmental Engineering ◆◆  
Doreen Chung, Apparel, Events, and Hospitality Management  
Gianfranco Ciardo, Computer Science  
Eric Cochran, Chemical and Biological Engineering ◆◆  
Christopher Day, Civil, Construction and Environmental Engineering  
Jack Dekkers, Animal Science †  
Julie Dickerson, Electrical and Computer Engineering ◆◆

Rachel Eike, Apparel, Events, and Hospitality Management  
Alyssa Emery, School of Education  
Amanda Fales-Williams, Veterinary Pathology ☞◆  
Laura Greiner, Animal Science  
Yong Guan, Electrical and Computer Engineering  
Nicole Hashemi, Mechanical Engineering  
David Hennessy, Economics ◆  
Thomas Holme, Chemistry ☞  
Ali Jannesari, Computer Science  
Amy Kaleita, Agricultural and Biosystems Engineering ◆  
Ashfaq Khokhar, Electrical and Computer Engineering ◆  
Kirill Kovnir, Chemistry  
Wei Le, Computer Science  
John Levis, English  
Thomas Lubberstedt, Agronomy ◆  
Steve Martin, Materials Science and Engineering † †  
Jodi McGill, Veterinary Microbiology and Preventive Medicine ◆  
Maura McGrail, Genetics, Development, and Cell Biology

Mani Mina, Electrical and Computer Engineering  
 Walter Moss, Biochemistry, Biophysics and Molecular Biology  
 Jennifer Newman, Mathematics  
 Raquel Palazon, Genetics, Development, and Cell Biology  
 Christina Poleacovschi, Civil, Construction and Environmental Engineering  
 Long Que, Electrical and Computer Engineering  
 Hridayesh Rajan, Computer Science  
 James Rossmanith, Mathematics  
 Maria Salas-Fernandez, Agronomy  
 Soumik Sarkar, Mechanical Engineering  
 David Schweingruber, Sociology and Criminal Justice  
 Forrest Sheng Bao, Computer Science

Omar Smadi, Civil, Construction and Environmental Engineering  
 Scott Smalley, Agricultural Education and Studies  
 Doug Smith, School of Education  
 Elizabeth Swanner, Earth, Atmosphere, and Climate  
 Peter Taylor, Civil, Construction and Environmental Engineering  
 Mehari Tekeste, Agricultural and Biosystems Engineering  
 Zoë Thornton, School of Education  
 Amy Toth, Ecology, Evolution, and Organismal Biology  
 Javier Vela, Chemistry ‡‡  
 Jianming Yu, Agronomy ✧  
 Jeffrey Zimmerman, Veterinary Diagnostic and Production Animal Medicine

### Faculty Marshals

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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 Health and Human Sciences ✧  
 Elnaz Ebrahimi, Assistant Teaching Professor of Agronomy, College of Agriculture and Life Sciences  
 Doug Jacobson, University Professor of Electrical and Computer Engineering; and Sunil & Sujata Gaitonde Professorship in Cybersecurity, College of Engineering ‡‡ ✧ ✧

Charles Jahren, Morrill Professor Emeritus of Civil, Construction, and Environmental Engineering, College of Engineering ☞ ✧  
 Michael Martin, Associate Professor of Landscape Architecture, College of Design ✧  
 Doug Smith, Associate Professor of Education, College of Health and Human Sciences  
 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

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Hollis Monroe

Sriram Sundararajan

### Musicians

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CONDUCTOR Michael Golemo, Director of Bands

STUDENT VOCALIST Allie Pauly

EUPHONIUM  
 Daniel Brumm  
 Garrett Nook

PERCUSSION  
 Joe Fischer  
 Andrew Reill

TRUMPET  
 Jacob Aldrich  
 Trevor Averhoff  
 Sam Hanson  
 Arthur Lübberstedt  
 Eli Potter  
 Cora Reed  
 Jessica Stoker

TUBA  
 Andrew Stapleton  
 Sam Stember

HORN  
 Sarah DenHerder  
 Jarod Hart  
 Kyle Laake  
 Lance Martin  
 Savannah Niec  
 Kjersten Ouverson

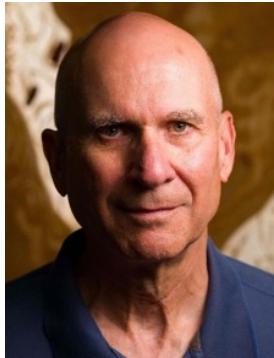
TROMBONE  
 Carson Cupp  
 Will Forbes  
 Paige Ford  
 Andrew King

## GRADUATE COLLEGE COMMENCEMENT SPEAKER

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### **Robert Brown, Anson Marston Distinguished Professor in Engineering; Gary and Donna Hoover Chair in Mechanical Engineering; Co-Director of Bioeconomy Institute**

Robert Brown is the Anson Marston Distinguished Professor in Engineering and Gary and Donna Hoover Chair in Mechanical Engineering at Iowa State



University (ISU). He is the founding director and currently co-director of ISU's Bioeconomy Institute. He holds courtesy appointments in Chemical and Biological Engineering, Agricultural and Biosystems Engineering, and Food Science and Nutrition.

His research interests include advanced biofuels, plastics upcycling, and carbon negative energy. Dr. Brown has written over 300 scientific papers and has been awarded 26 U.S. patents. He wrote *Biorenewable Resources: Engineering New Products from Agriculture*, widely used as a textbook around the world.

Dr. Brown received his Ph.D. in Mechanical Engineering from Michigan State University in 1980. He is a Fellow of the American Society of Mechanical Engineering and a Fellow of the National Academy of Inventors. He received the Don Klass Award for Excellence in Thermochemical Conversion Science in 2015 and the American Institute of Chemical Engineers Andrew Chase Division Award in 2020. He has developed twenty-six patented inventions, one of which received a R&D 100 Award from Research and Development Magazine in 1997.

Most recently, Dr. Brown established a brewing science program and brewing laboratory in the Food Science Department at ISU in 2021. The program offers course work to ISU students, outreach to Iowa breweries, and research and innovation in brewing science. Dr. Brown secured a native brewery license for the program, and has started wholesaling beer produced in a two-barrel brewhouse in the laboratory.

# GRADUATE COLLEGE STUDENT MARSHAL

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## **George Obeng-Akrofi**

*Hometown: Ames, Iowa*

*Major: Agricultural and Biosystems Engineering*



George is earning a doctorate in agricultural and biosystems engineering. He is a specialist in post-harvest engineering, feed technology, and the production and processing of shea nuts, a crop in high demand in Sub-Saharan Africa.

While a doctoral student, George helped manage the Kent Feed Mill and Grain Science Complex. He also mentored students in the Engineers Without Borders chapter at Iowa State University. In this role, George traveled to Ghana, where he contributed to community-development projects. Additionally, he participated in the Graduate College's Preparing Future Faculty Program, received Research Excellence and Teaching Excellence Awards, and was inducted in the Gamma Sigma Delta honor society.

After graduation, George will begin a postdoctoral research position to advance innovations in grain management and feed technology at the ISU Kent Feed Mill and Grain Science Complex.

*University Escort: Thomas Brumm, Professor, Department of Agricultural and Biosystems Engineering*

# GRADUATE COMMENCEMENT VOCALIST & DIRECTOR OF BANDS

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## Allie Pauly, Graduate Commencement Vocalist

Allie Pauly is a senior in vocal music education at Iowa State University, where she is actively involved in the university's musical community. A dedicated



soprano with a passion for opera and solo performance, Allie has been a member of the ISU Opera Studio and the Iowa State Singers since 2021. In addition to her performances, she is a member of Sigma Alpha Iota, a music fraternity on campus, fostering her commitment to music and sisterhood. Allie plans to graduate in Spring 2025 with

a Bachelor of Music degree and aspires to share her love for music through teaching high school choir.

## 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. 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

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## DOCTOR OF EDUCATION

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### Major in Education (Community College Leadership)

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Megan Elizabeth Hills

*Mt. Pleasant, Iowa*

§ Ashleigh Richmond

*Ottumwa, Iowa*

## DOCTOR OF PHILOSOPHY

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### Major in Aerospace Engineering

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††§ Jincheng Wang *Jiangyou, China*  
DISSERTATION: A machine learning study of  
wind-driven runback/flow-off multiphase flows  
pertinent to aircraft icing phenomena

### Major in Agricultural and Biosystems Engineering

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Hong Chen *Foxboro, Mass.*  
††§ George Obeng-Akrofi *Ames, Iowa*  
DISSERTATION: Integrated approaches for  
profitable shea nut value chain enhancement: A  
case study in rural Ghana

§ Adewale Moses Sedara *Ames, Iowa*  
DISSERTATION: Optimizing para-plow subsoiler  
design to reduce soil compaction on disturbed  
soils

### Major in Agricultural Economics

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Xuche Gong *Nanchong, China*  
DISSERTATION: Three essays on the decision-  
making and consequences of farmers' crop  
insurance participation

Yue Zhao

*Yantai, China*

### Major in Agricultural Education

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§ Erin E. Bergquist *Nevada, Iowa*  
DISSERTATION: Transforming nutrition and  
dietetics education through systems thinking:  
An investigation into educator practices and  
perspectives

### Major in Analytical Chemistry

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Shu-An Hsieh *Kaohsiung, Taiwan*  
†† Tristen Leslie Taylor *Townsend, Mont.*  
DISSERTATION: Development of the vibrating  
capillary nebulizer sample introduction  
system for inductively coupled plasma mass  
spectrometry

Victoria Rose Zeger

*Melbourne, Fla.*

## Major in Animal Science

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§ Chloe Sue Hagen *Stockton, Iowa*  
DISSERTATION: The impact of dietary crude protein level, fiber inclusion, and arginine supplementation on post-weaning pig performance and clinical response during enteric health challenges

§ Dalton Charles Humphrey *Eaton Rapids, Mich.*  
DISSERTATION: An investigation of branched-chain amino acid interactions in nursery pigs and lactating sows  
Sonia Rodriguez Jimenez *Ames, Iowa*

## Major in Apparel, Merchandising, and Design

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Colleen Salonga *Arlington, Va.*  
DISSERTATION: Circularity in the fashion industry: Using institutional theory to assess viability of incorporating sustainability initiatives into business strategies

Paige Scro *Parker, Colo.*  
DISSERTATION: My identity is my connection: Establishing congruity among consumers and fitness tech brands on social media

## Major in Applied Linguistics and Technology

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Ali A. A. Garib *Houston, Tex.*  
DISSERTATION: Technology-assisted project-based language learning: Exploring EFL teachers' perceptions, knowledge, and lived experiences in Iran, Libya, Syria, Tunisia, and Yemen

†† Erik D. Goodale *Ames, Iowa*  
DISSERTATION: A peek behind the curtain: Raising language awareness in English speaking consultations

## Major in Applied Mathematics

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Preeti Sar *Dehradun, India*  
DISSERTATION: Asymptotic preserving schemes for the kinetic Boltzmann-ES-BGK equation

## Major in Biochemistry

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§ Warren Brody Rouse *Vinton, Iowa*  
DISSERTATION: Deciphering the RNA secondary structure landscape of human genes

## Major in Chemical Engineering

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§ Gabriel Patrick Cutshaw *Colorado Springs, Colo.*  
DISSERTATION: Treatment response to cancer therapies with multimodal imaging technologies

§ Dhananjay Dileep *Ames, Iowa*  
DISSERTATION: Trojan horse repeat sequences for chemically triggered recycling of Polyethylene terephthalate

Elizabeth Ann Grego *Ames, Iowa*  
Andrew Joseph Kohler *Bismarck, N. Dak.*  
DISSERTATION: Selective conversion of lignin derivatives to drop-in petrochemical intermediates through Molybdenum Oxide-based catalysts

Peter Meyer *Albuquerque, N. Mex.*  
DISSERTATION: The future of green polyamides: Investigating bio-replacement and bio-advantaged strategies

§ Deep Mitulbhai Patel *Bhavnagar, India*  
DISSERTATION: Theory guided synthesis of commodity chemicals from biomass-derived molecules

†† Alaric Cheney Siddoway *Ames, Iowa*  
DISSERTATION: Synthesis of a universal room-temperature stable Influenza A polymeric particle-based vaccine  
Ananya Van Zanten *Atlanta, Ga.*

## Major in Chemistry

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Derek Reed Eitzmann *Lincoln, Neb.*  
DISSERTATION: Improving bioanalytical methods for nucleic acids with chemically tuned separations

Demetrius Alexander Finley *Detroit, Mich.*  
DISSERTATION: Synthesis of pyrones and monomers from biobased materials

## Major in Civil Engineering (Civil Engineering Materials)

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§ Daniel Edward King *Green Oaks, Ill.* Ana Luiza Rezende Rodrigues *Uberlândia, Brazil*  
DISSERTATION: Performance, sustainability, and resilience of concrete overlay pavements

## Major in Civil Engineering (Geotechnical Engineering)

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§ Hossein Emami Ahari *Round Rock, Tex.*

## Major in Civil Engineering (Intelligent Infrastructure Engineering)

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§ Zia Uddin Ahmed Zihan *Chandpur, Bangladesh*  
DISSERTATION: Evaluation of unmanned aerial vehicles for pavement condition assessment

## Major in Civil Engineering (Transportation Engineering)

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Shoaib Mahmud *Dhaka, Bangladesh*  
DISSERTATION: Development of tools for assessment and improvement of traffic signal systems using connected vehicle data

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

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Yiming Bian *Nanjing, China*  
DISSERTATION: Towards robust design of deep classification models

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

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SyedMohammad Kashani *Ames, Iowa* Jin-Ning Tioh *Kuala Lumpur, Malaysia*

## Major in Computer Science

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Waqwoya Mesfin Abebe *Ames, Iowa*  
DISSERTATION: Mitigating effects of data heterogeneity in decentralized learning and addressing challenges of adapting foundation models

†† Olukorede Joseph Fakorede *Rochester, Minn.*  
DISSERTATION: Techniques for enhancing adversarial robustness and robust fairness in deep neural networks

Jiale Feng *Shenzhen, China*  
Seyedehzahra Hosseini *Clive, Iowa*  
Sayem Mohammad Imtiaz *Ames, Iowa*

DISSERTATION: Modularity-inspired techniques for patching the weak components in deep learning  
Ibrahim Mesecan *Kansas City, Mo.*  
DISSERTATION: A framework to adapt genetic improvement to new domains

Giang Nguyen *Burlingame, Calif.*  
DISSERTATION: Fairness specification and repair for machine learning pipeline

Guanyu Nie *Shenzhen, China*  
David Michael OBrien *Cedar Rapids, Iowa*  
DISSERTATION: Data-driven techniques for identifying and automatically repaying technical debt

Benjamin Jeremiah Steenhoek *Des Moines, Iowa*  
DISSERTATION: Understanding and improving deep learning models for vulnerability detection

Daoping Wu *Sunnyvale, Calif.*  
DISSERTATION: Change point detection in piecewise stationary time series

§ Sixing Yu *Chongqing, China*  
DISSERTATION: Scalable and resource-efficient federated learning: Techniques for resource-constrained heterogeneous systems

Kang Zhou *Sunnyvale, Calif.*  
DISSERTATION: Information extraction with weak supervision

## Major in Condensed Matter Physics

---

††§ Sunil Ghimire *Ames, Iowa*  
DISSERTATION: Study of superconductivity in quantum materials using controlled disorder

## Major in Crop Production and Physiology

---

§ Cintia Sciarresi *Ames, Iowa*

## Major in Ecology and Evolutionary Biology

---

Jerilyn Jean M. Calaor *Dededo, Guam*  
DISSERTATION: The role of vertebrate arthropodivores in shaping food webs

## Major in Economics

---

Xinyu Guo *Lithia, Fla.*  
DISSERTATION: Three papers on cap-and-trade regulations

## Major in Education

---

Travis Gratteau-Zinnel *Cedar Falls, Iowa*  
DISSERTATION: What is the point?: Curriculum standpoint theory in an Iowa choral music curricular event

Britt Kay Jungck *Waterloo, Iowa*  
DISSERTATION: Documenting dilemmas: A narrative inquiry of secondary-level building principals addressing sexual harassment in Iowa public schools

## Major in Electrical Engineering

---

Michael Orcino Fralaide *Ames, Iowa*  
Subin Mao *Ames, Iowa*  
DISSERTATION: Engineered micro-nanotechnology platforms for biomedical and biological studies: From platelet behaviors, interactions between neurotransmitters and neurospheroids, to pathogen detections

Srijita Patra *Hillsboro, Oreg.*  
Gang Wu *San José, Calif.*

## Major in Electrical Engineering (Bioengineering)

---

Md Fazlay Rubby *Ames, Iowa*  
DISSERTATION: Nanostructures-enabled microchips for detecting chemicals released from neural cells and neurospheres under external stimulation

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

---

§ Farzaneh Ahmadi *Ames, Iowa*  
DISSERTATION: Millimeter-wave evaluation of polymer and metal-based additive manufacturing process

Anna Gabrielle Case *Albuquerque, N. Mex.*  
DISSERTATION: Millimeter wave evaluation of thin coatings

## Major in Electrical Engineering (Microelectronics and Photonics)

---

Arkadi Akopian *Ames, Iowa*  
DISSERTATION: Vapor-deposited cesium Cesium Halide Perovskite solar cells: Performance and stability studies

## Major in Electrical Engineering (Systems and Controls)

---

Rahmat K. Adesunkanmi

*Ibadan, Nigeria*

†† Aaron James Fonseca

*Andover, Minn.*

DISSERTATION: Traversing the Volterra series for digital predistortion applications

## Major in Fisheries Biology

---

§ William Robert Cope

*Apex, N.C.*

DISSERTATION: Where's Walter? Using acoustic telemetry to assess use, behavior, and fate of juvenile and adult Walleye in an Iowa reservoir

## Major in Genetics and Genomics

---

Basanta Bista

*Lalitpur, Nepal*

§ Sahiba Siddiqui

*Fort Dodge, Iowa*

## Major in Gerontology

---

Mengya Wang

*Stillwater, Okla.*

## Major in Hospitality Management

---

Hang Cui

*Ames, Iowa*

## Major in Human Computer Interaction

---

Majed Amin B. Hariri

*Ames, Iowa*

DISSERTATION: Triggered screen restriction: A novel gamification framework

## Major in Human Development and Family Studies

---

Dawn Shae Walker-Chalmers

*Bondurant, Iowa*

## Major in Immunobiology

---

Beulah Esther Rani Samuel

*Ames, Iowa*

DISSERTATION: Functional and epigenetic aspects of BCG-induced trained immunity in bovine innate immune cell populations

## Major in Industrial Engineering

---

§ Sang Hyeon Kang

*Portage, Mich.*

DISSERTATION: Creep deformation of viscoelastic lumbar tissue and its implications in biomechanical modeling of the lumbar spine

Gazi Nazia Nur

*Ames, Iowa*

Saiara Samira Sajid

*Orlando, Fla.*

DISSERTATION: Decision support tools for farm management by integrating domain knowledge with machine learning and optimization techniques

Zhonglun Wang

*King of Prussia, Pa.*

DISSERTATION: Comprehensive Hand and Power Tool Evaluation for Comprehensive Knowledge & Expected Returns (C.H.E.C.K.E.R.): A novel method for maximizing returns in industrial tool selection

## Major in Materials Science and Engineering

---

§ Victor Manuel Torres III

*Ames, Iowa*

DISSERTATION: Development of lithium mixed-oxy-sulfide-nitride glassy solid electrolytes

## Major in Mechanical Engineering

---

Kawkab Ahasan *Dhaka, Bangladesh*

DISSERTATION: Aerosolized particle transport in a stratified two-phase flow for continuous particle collection

Sarang Bidwai *Auburn, Ala.*

Nicholus R. Clinkinbeard *Ely, Iowa*

DISSERTATION: Deep neural network-driven enhancement of the microfiber design and fabrication process

§ Harish Radhakrishnan *Villupuram, India*

DISSERTATION: Chemical upcycling of waste plastics via non-thermal plasma and advanced pyrolysis

Jeremy Dennis Rurup *Titonka, Iowa*

DISSERTATION: Addressing process variation in aerosol jet printing and accelerating conformal electronics manufacturing

## Major in Microbiology

---

Akhil Anilkumar Vinithakumari *Frederick, Md.*

DISSERTATION: Extraintestinal effects of *Clostridioides difficile* infection and *C. difficile* metabolite p-cresol

Zackry R. Stevenson

*Ames, Iowa*

## Major in Molecular, Cellular, and Developmental Biology

---

Xiaoyi Cheng

*Ames, Iowa*

## Major in Neuroscience

---

Trevor John Buhr *Chicago, Ill.*

DISSERTATION: Stress-induced deficits in motivation for voluntary wheel running: An investigation of neurophysiological adaptations to major monoamine neurotransmitter systems and striatal transcriptome

## Major in Nuclear Physics

---

†† Shiplu Sarker

*Ames, Iowa*

## Major in Physical Chemistry

---

Taylor Alan Harville

*Des Moines, Iowa*

## Major in Physics

---

Chuankun Huang *Ames, Iowa*

DISSERTATION: Terahertz two-dimensional coherent spectroscopy of quantum materials

Shreeram Jawadekar *Ames, Iowa*

DISSERTATION: Study of critical coupling and zero mode contribution in discrete light front quantization for (1+1) dimensional  $\hat{\omega}^{\dagger}$  theory

†† Elizabeth Krenkel

*Ames, Iowa*

†† Boqun Song

*Ames, Iowa*

DISSERTATION: Bulk observables at topological phase transitions and material prediction

## Major in Plant Breeding

---

Mercy Fakude *Ames, Iowa*

DISSERTATION: Doubled haploid breeding: Incorporating spontaneous haploid genome doubling in Maize breeding programs

## Major in Plant Breeding (Predictive Plant Phenomics)

---

Juan Sebastian Panelo

*Mar Del Plata, Argentina*

## Major in Population Sciences in Animal Health

---

Grzegorz Tarasiuk *Ames, Iowa*  
DISSERTATION: Optimizing oral fluid-based surveillance for an evolving swine industry

## Major in Psychology (Counseling Psychology)

---

†† Sierra Rae Lauber *Clear Lake, Iowa*

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

---

Oyeyemi Raphael Oyeleke *Ames, Iowa*  
DISSERTATION: Revolutionizing Nigerian agriculture: Leveraging digital soil mapping for sustainable productivity and food security

## Major in Statistics

---

Yichuan Bai *Jinan, China*  
DISSERTATION: Graph-based estimation and inference for high-dimensional data

§ Eva Biswas *Willimantic, Conn.*  
DISSERTATION: Three statistical problems involving model assessment of dependent data

Sungchan Park *Haeundae, South Korea*  
DISSERTATION: The existence of MLE for Adjusted Linear Preferential Attachment Model (ALPAM)

Yang Qiao *Ames, Iowa*  
§ Federico Alejandra Veneri Guarch *Montevideo, Uruguay*

DISSERTATION: Resampling methods for score likelihood ratio based inference for source attribution problems

†† Spencer Gordon Wadsworth *Blackfoot, Idaho*

## Major in Veterinary Microbiology

---

Melissa Arroyo-Mendoza *Bethesda, Md.*

Michelle Buckley *Fairport, N.Y.*  
DISSERTATION: Improving antimicrobial stewardship to assure food safety and milk quality and food safety in dairy goats

## Major in Wind Energy Science Engineering and Policy

---

Diaz F. Aksioma *Ames, Iowa*

## Multiple Curricula and Majors

---

§ Abdallah Basem Al-Hamdan *Ames, Iowa*  
DISSERTATION: Integrated approaches for pavement management: Condition forecasting, maintenance detection, and asset condition index contextual weight optimization  
MAJORS: Civil Engineering (Transportation Engineering) and Civil Engineering (Intelligent Infrastructure Engineering)

Derek Franklin *Farmington, Mo.*  
MAJORS: Rural Sociology and Sustainable Agriculture

§ Jasmine Yu-Pin Liang *Avon, Colo.*  
DISSERTATION: Assessing gait activities and balance control with the use of wearable sensors and deep learning model  
MAJORS: Kinesiology and Computer Science

Joshua Russell Waite *Milledgeville, Ill.*  
DISSERTATION: Deep learning under data scarcity in science and engineering applications  
MAJORS: Mechanical Engineering and Computer Engineering

# MASTER OF ACCOUNTING

---

## Major in Accounting

---

Annie Vuu Chu

*Davenport, Iowa*

Madeline Jane Rodenbeck

*Waverly, Iowa*

## Major in Accounting (Financial Reporting and Assurance)

---

Ali Tallaq

*Ames, Iowa*

## Major in Accounting (Information Systems and Analytics)

---

Chloe Kae Davidson

*Birmingham, Iowa*

## Major in Accounting (Tax)

---

Autumn Cabagua  
Samuel H. Poland

*Milwaukee, Wis.  
Carroll, Iowa*

Ethan Snedden

*Grand Junction, Iowa*

# MASTER OF ARCHITECTURE

---

## Major in Architecture

---

Nivedita Sanjeev Hattarki  
DeMarynee Saili

*Ames, Iowa  
Pago Pago, American Samoa*

†† Noah Ronald Paul Weber  
Halle P. Nanninga

*Brandon, S. Dak.  
Edmonton, Canada*

# MASTER OF ARTS

---

## Major in English (Literature)

---

Samantha RoseLynn Wilson

*Ankeny, Iowa*

## Major in Experiential Graphic Design

---

Melissa Dorothy Ruf

*Mauston, Wis.*

## Major in Interior Design

---

Heliya Ahmadi

*State College, Pa.*

## Major in Political Science

---

Jarrod Bradley Hufford

*Newark, Ohio*

Ann Marie Lent

*Carlisle, Iowa*

# MASTER OF ARTS IN TEACHING

---

## Major in Secondary Education

---

Hayley Ann Hartman

*Haslet, Tex.*



# MASTER OF BUSINESS ADMINISTRATION

---

## Major in Business Administration

---

Christopher August Meyer      Pomeroy, Iowa      Ava Louise Swanson      Kittanning, Pa.

## Major in Business Administration (Business Analytics)

---

Pratikshya Tripathee      Ames, Iowa

## Major in Business Administration (Finance)

---

Cody Haugo      Lake Mills, Iowa

## Major in Business Administration (Healthcare Analytics and Operations)

---

Philip John Montag      Ankeny, Iowa

## Major in Business Administration (Leadership)

---

Tia Blansett      Oklahoma City, Okla.      Joseph Dylan Herst      Ankeny, Iowa  
Colin William Conti      Ames, Iowa

## Major in Business Administration (Real Estate)

---

Halle P. Nanninga      Edmonton, Canada

## Multiple Curricula and Majors

---

Jordan Chandler Grimm      Ankeny, Iowa  
MAJORS: Business Administration (Leadership)  
and Business Administration (Supply Chain  
Management)

# MASTER OF BUSINESS ANALYTICS

---

## Major in Business Analytics

---

Eric Asante Asare	Ames, Iowa	Hogan Lee	Madison, Miss.
Rachel Lee Carlson	Ankeny, Iowa	Lakshmi Sahitya Mulumudi	Greenbelt, Md.
Caroly Coronado-Vargas	Des Moines, Iowa	Joseph Atilola Oladokun	Lagos, Nigeria
Keerthan Gajula	Mancherial, India	Heidi Lynn Pearson	Waukee, Iowa
Chaitanya Tilak Kamineni	Ames, Iowa	Hung Tai Wang	Omaha, Neb.
Yun-Hsien Kuo	Taipei City, Taiwan	Sloane Colvin Wilhelm	Ankeny, Iowa

# MASTER OF COMMUNITY AND REGIONAL PLANNING

---

## Major in Community and Regional Planning

---

Latifa Moro      Ames, Iowa

# MASTER OF COMMUNITY DEVELOPMENT

---

## Major in Community Development

---

Heather Crone

Ashland, Ill.

# MASTER OF EDUCATION

---

## Major in Education (Curriculum and Instructional Technology)

---

Caroline Ann Aldrich  
Joshua William Lucken  
Amy Nading

Urbandale, Iowa  
Carroll, Iowa  
Oelwein, Iowa

Maycie Lynn Rector  
Hayley Joan Signs

Clarion, Iowa  
Johnston, Iowa

## Major in Education (Higher Education)

---

Luke Boniello  
Karina Marie Buttler  
Ryan Doyle

Scranton, Pa.  
Ames, Iowa  
Ames, Iowa

Dana Kate Feyen  
Madeline Paige Hedrick  
Cole Alan Westphal

Trempealeau, Wis.  
Seattle, Wash.  
Ames, Iowa

# MASTER OF ENGINEERING

---

## Major in Aerospace Engineering

---

Ola Corrine Carnahan  
Christopher A. Griffiths

Fairbanks, Alaska  
Kansas City, Mo.

Benjamin Robert Laswell  
John L. Vulich

Palmdale, Calif.  
Naperville, Ill.

## Major in Chemical Engineering

---

William J. Neilson

Morton, Ill.

## Major in Civil Engineering

---

Emmanuel Padmore Mantey

Ames, Iowa

## Major in Civil Engineering (Civil Engineering Materials)

---

Mohammad Ahmad Saleh Alsheyab

Irbid, Jordan

Caio Cajazeiras Falcao

Ames, Iowa

## Major in Civil Engineering (Environmental Engineering)

---

Jorge Alejandro Gomez Martinez

Bogota, Colombia

Seyedhadi Moghaddastafreshi

Ames, Iowa

## Major in Civil Engineering (Structural Engineering)

---

Ashish Chapagain  
Mitchell Francis Ginther  
Bryce R. Golden

Ames, Iowa  
Atlantic, Iowa  
Eldridge, Iowa

Andrew Jeffrey Guth  
Benjamin Thomas Head

Metamora, Ill.  
Ames, Iowa

## Major in Computer Engineering

---

Nathan Goenner  
Ryan John Lanciloti

Shakopee, Minn.  
Johnston, Iowa

Jeremy Michael Noesen  
Jared David Staskal

Sycamore, Ill.  
Iowa City, Iowa

## Major in Cyber Security

---

Jorge Giovanni Ortiz Charriez      Puerto Rico

## Major in Electrical Engineering

---

Joyal Babu      Thrissur, India      Ezra Manus      Ankeny, Iowa  
Jacob S. Eisbrenner      Ankeny, Iowa

## Major in Energy Systems Engineering

---

Ajay Kumar Reddy Kotam      Tempe, Ariz.

## Major in Engineering Management

---

Himadri Shekhar Dutta      Karimganj, India      Lauren Taylor Price      Keystone, Iowa  
Nayana Mayur Patil      Pune, India      Rachel Yeddu      Fennimore, Wis.

## Major in Industrial Engineering

---

Bobde Yogesh Dattarao      Ames, Iowa      Manohar Noti      Ames, Iowa

## Major in Mechanical Engineering

---

Ahmed M. Abdelrehim      Letts, Iowa      Jeramiah Roberts      Spanaway, Wash.  
Connor James Castonguay      Richboro, Pa.      Yuxin Wang      Ningbo, China  
Gary Kelley      Silverdale, Wash.

## MASTER OF ENTREPRENEURSHIP

---

### Major in Entrepreneurship

---

Jahid Hasan      Ames, Iowa      Gerry Javion Vaughn      Snellville, Ga.

## MASTER OF FAMILY AND CONSUMER SCIENCES

---

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

---

Gable Steven Sieperda      Ames, Iowa      Kelsey Elizabeth Wagner      Thiensville, Wis.  
Tim Duane Sindt      Polk City, Iowa      Sean Andrew Womack      Orange, Calif.

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

---

Marybeth Lerch      Bristow, Va.      Bailey Ryan Ziehr      Lancaster, Calif.

## MASTER OF FINANCE

---

### Major in Finance

---

Isaac Adubofour      Tarkwa, Ghana      Shelina Sarangi      Ames, Iowa  
Aryagourav Agrawal      Ames, Iowa      Pratikshya Tripathee      Ames, Iowa

## MASTER OF FINE ARTS

---

### Major in Graphic Design

---

Emily Kaigh Hodges *Colfax, Iowa*

### Major in Integrated Visual Arts

---

Jordan Renae Arp *Des Moines, Iowa*

### Major in Interior Design

---

††§ Maral Jafari Ranjbar *Ames, Iowa*

## MASTER OF HEALTH ANALYTICS AND OPERATIONS

---

### Major in Healthcare Analytics and Operations

---

Michael Giese *Kansas City, Mo.* Brian Lex *Asbury, Iowa*

## MASTER OF HUMAN COMPUTER INTERACTION

---

### Major in Human Computer Interaction

---

Edward Michael Cody	<i>Ballwin, Mo.</i>	Sean Marcano	<i>Dallas, Tex.</i>
Shawn Fitzgerald	<i>Lakeville, Minn.</i>	Dalton Chang Onove-Souza	<i>Ames, Iowa</i>
Alexander James Fowle	<i>Milwaukee, Wis.</i>	Erin Scott Adams	<i>Albuquerque, N. Mex.</i>
Nhi Tuyet Khuu	<i>Austin, Tex.</i>	Cassie Smith	<i>Kansas City, Mo.</i>

## MASTER OF INDUSTRIAL DESIGN

---

### Major in Industrial Design

---

Griffin Dare McLuen *Altoona, Iowa*

## MASTER OF LANDSCAPE ARCHITECTURE

---

### Major in Landscape Architecture

---

Mona Kazemian *Ames, Iowa*

# MASTER OF PROFESSIONAL PRACTICE IN DIETETICS

---

## Major in Professional Practice in Dietetics

---

Kira Ann Hennes Blum  
Luke Alan Trembley

Oxford, Iowa  
Woodland, Wash.

Patricia Dawn Yarnal

Modesto, Calif.

# MASTER OF REAL ESTATE DEVELOPMENT

---

## Major in Real Estate Development

---

Nathan Rupprecht  
Autumn Justine Vander Waal

West Des Moines, Iowa  
Indianola, Iowa

Noah Ronald Paul Weber

Brandon, S. Dak.

# MASTER OF SCIENCE

---

## Major in Aerospace Engineering

---

Phillip G. Misterman  
Aimar Negrete  
THESIS: An exact solution to Lambert's problem  
Amr Faisal Mohamed Ragheb  
THESIS: Hybrid RANS/LES modeling of  
high-speed shock turbulent boundary layer  
interactions

Sartell, Minn.  
Cambrils, Spain

Dakahlia, Egypt

Liuqing Wang

Baise, China

THESIS: Elucidating conformational behaviors  
of conjugated polymers through molecular  
modeling

## Major in Agricultural and Biosystems Engineering

---

Yan Jiang  
THESIS: Risk assessment of grain bin engulfment  
and entrapment using fault tree analysis and  
fuzzy fault tree analysis

Ames, Iowa

Mayok Soetan

Accra, Ghana

## Major in Agricultural Economics

---

Paige A. Dvorak  
Kwanele Magwaba

New Richmond, Wis.  
Ames, Iowa

Sean R. Negus

Ames, Iowa

## Major in Agricultural Education

---

Zoey Brooke Dinkla

Casey, Iowa

## Major in Agronomy

---

Cassidy Fletcher  
Jay D. Gross  
Riley Rathbun Harbaugh

Weedsport, N.Y.  
Caseyville, Ill.  
Bettendorf, Iowa

Ryann Elizabeth Rohlf  
Tyler John Romoser  
Matthew John Stump

Lincoln, Ill.  
Keota, Iowa  
Wentzville, Mo.

## Major in Animal Science

---

Taylor Ann Flemming *Miles, Iowa*  
THESIS: The effects of feed restriction on energetic metabolism and inflammation in under- and over-conditioned mid-lactation dairy cows

Brock Michael Ortner *Ames, Iowa*  
THESIS: Supporting muscle growth of feedlot cattle administered growth enhancing technologies through strategic zinc supplementation

Zoie Kae VerBeek *Oskaloosa, Iowa*  
THESIS: The impact of soybean meal replacers on growth performance, intestinal permeability, and intestinal morphology in turkey poults

## Major in Apparel, Merchandising, and Design

---

Damon Duane Eike *Boone, Iowa*

## Major in Architecture

---

Amani A. Y. A. Taleb *Ames, Iowa*

Negin Tavooosi *Ames, Iowa*

## Major in Artificial Intelligence

---

Gavin J. Becker *Britt, Iowa*  
THESIS: Leveraging offline data for safe and efficient autonomous navigation in multi-agent environments

Jacob Charles Frieden *Mason City, Iowa*  
Pallavi Kandanur *West Des Moines, Iowa*

Daeun Kim *Daegu, South Korea*  
THESIS: Automated Mungbean pod phenotyping using open-source AI

Gazi Nazia Nur *Ames, Iowa*  
Mohammad Ahnaf Sadat *Ames, Iowa*  
Xiaoquan Zhao *Shanghai, China*

## Major in Biomedical Sciences

---

Kyle Stephan Chapin *Downers Grove, Ill.*  
Jozey Sue Marie Gump *Ames, Iowa*  
Autumn Nichole Keleture *West Des Moines, Iowa*

Amy Kathryn Kraak *Arlington Heights, Ill.*  
Caitlin Marie Stover *Des Moines, Iowa*

## Major in Chemical Engineering

---

Bibek Acharya *Bharatpur, Nepal*  
Jonas Adjasoo *Ames, Iowa*  
Esther Oreoluwa Jokodola *Ames, Iowa*

Abdulkhakim Tofik *Ames, Iowa*  
THESIS: Elastin-Like polypeptide nanoparticles as carriers for anti-EGFR peptide therapeutic

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

---

Leonard C. Brown *Santa Fe, N. Mex.*

## Major in Civil Engineering (Environmental Engineering)

---

Derek Ten Pas *Sioux Center, Iowa*  
THESIS: Investigations of operational difficulty: Uncovering the drivers of persistent noncompliance at water treatment facilities

## Major in Civil Engineering (Geotechnical Engineering)

---

Araz Hasheminezhad *Ames, Iowa*  
THESIS: Sustainability in geotechnical engineering: Contributions from recycled plastics

## Major in Civil Engineering (Intelligent Infrastructure Engineering)

---

Kunle Sunday Oguntoye *Ames, Iowa*  
THESIS: A practical framework for automatic underground utility mapping

## Major in Civil Engineering (Structural Engineering)

---

†† Anisha Karki *Dolakha, Nepal* Safal Kc *Ames, Iowa*  
THESIS: Development of a precast UHPC seat-type abutment for seismic applications

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

---

Lipsa P. Acharya *Ames, Iowa* Reshmi Jayashree Jayashree Radhakrishnan *Ames, Iowa*  
Winsley Goh *Ames, Iowa* †† Gregory Theodore Ling *San José, Calif.*  
THESIS: Cybersecurity in additive manufacturing: Investigating vulnerabilities and cyberattack mitigation strategies for connected 3D printers  
Lakshmi Narayana Aditya Akilesh Mantha *Visakhapatnam, India*  
Jake Macguire Hafele *Morton, Ill.* Hossein Zaremehrjerdi *Ames, Iowa*

## Major in Computer Engineering (Software Systems)

---

Jyothi Prasanth Durairaj Rajeswari *Ames, Iowa* Lucky Maduabuchi Onyekwelu-Udoka *Ames, Iowa*  
Peeyush Gupta *Sri Ganganagar, India* Abdullah Shamail *Lahore, Pakistan*

## Major in Computer Science

---

Karthik Hanumanthaiah *Tumkur, India* Aashish Pokhrel *Ames, Iowa*  
Jahid Hasan *Ames, Iowa* Arushi Sharma *Gautam Budhh Nagar, India*  
THESIS: Multi-server oblivious RAM approach for secure cloud storage  
THESIS: Analyzing redundancy in code-trained language models  
Md Anwar Hossen *Ames, Iowa* Minghao Sun *Ames, Iowa*  
Satyaki Mukherjee *Ames, Iowa* Son Le Vu *Ames, Iowa*  
Amir Ehsan Niaraki-Asli *Des Moines, Iowa* Hesham H. Youssef *Ames, Iowa*  
Aaroosh Pandoh *Waltham, Mass.* Runlong Zhang *Naperville, Ill.*  
THESIS: Predicting cancer drug response using subgraphs and single task learning

## Major in Crop Production and Physiology

---

Hellen Ninsiima Kayaga *Ames, Iowa*

## Major in Economics

---

Madeline Mae Becker *Phoenix, Ariz.* Owen M. Petersen *St. Michael, Minn.*

## Major in Electrical Engineering

---

Priyanka Kumari Lama *Rochester, Minn.* Emmanuel Nti Darko *Ames, Iowa*  
THESIS: Impact analysis of electric vehicles and heat pumps on the primary-secondary distribution system using real-world data  
Patricia Tutuani *Ames, Iowa*

## Major in Electrical Engineering (Bioengineering)

---

Katherine Anna Gisi *Ames, Iowa* Yunsoo Park *Uiwang, South Korea*  
THESIS: Sensor-based electronic monitoring of feeding and drinking activity of nursery pigs in swine farms

---

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

---

Hannah Grace Hentzel                      Ankeny, Iowa                      Haoyu Ma                      Ames, Iowa

---

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

---

Emile Albert Kum Chi                      Coralville, Iowa

---

**Major in Entomology**

---

Matthew Ryan Pfab                      Bernard, Iowa                      Lark Trott                      Ames, Iowa

---

**Major in Environmental Science**

---

Kelvin Adu Baah                      Ames, Iowa                      Dilli Ram Bhattarai                      Lincoln, Neb.  
THESIS: Floodplain phosphorus and sediment  
deposition in the West Nishnabotna River  
corridor

---

**Major in Event Management**

---

Sara Elizabeth Larson                      Andover, Minn.

---

**Major in Fisheries Biology**

---

Annika Preheim                      Browns Summit, N.C.

---

**Major in Food Science and Technology**

---

Chinwendu Felicia Ozoh                      Ames, Iowa

---

**Major in Genetics and Genomics**

---

†† Mudith Madushan Bandara Ekanayake Ekanayake                      Allison Rachel Triebe                      Springfield, Ill.  
Mudiyanselage                      Ames, Iowa                      THESIS: Roles of Galacturonosyltransferases in  
Arabidopsis development

---

**Major in Hospitality Management**

---

Melanie Nhu Ngo                      Hồ Chí Minh, Vietnam  
THESIS: Pop star fans' group travel intention:  
The role of involvement, group identity, and  
cocreative behaviors - A case of Black Pink fans'  
perspectives

---

**Major in Human Computer Interaction**

---

Heliya Ahmadi                      State College, Pa.                      Farhana Momotaz                      Starkville, Miss.  
THESIS: Assessing emotions and stress alleviation                      ††§ Maral Jafari Ranjbar                      Ames, Iowa  
in college students: A comparison of VR aided                      THESIS: Nurturing divergent thinking: The impact  
and physical meditation spaces                      of nature in virtual and physical realities  
Karishma Santosh Bhatankar                      Atlanta, Ga.                      Sheetal Varshney                      Woonsocket, R.I.  
Meher Aditya Etiyala                      Irving, Tex.  
Emily Kaigh Hodges                      Colfax, Iowa  
THESIS: Reduce, reuse, redefine: An interactive  
framework for repurposing packaging materials  
through a sustainability-focused craft kit system  
using traditional and digital methods

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**Major in Industrial and Agricultural Technology**

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Bailey Hadacek                      Ellsworth, Iowa

§ Research Excellence Award  
†† Teaching Excellence Award



## Major in Industrial Engineering

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Atousa Arzanipour Ames, Iowa

Mohammad Mohammadzadeh Tehran, Iran  
THESIS: Strategic pricing decisions in a duopoly market condition: An agent-based modeling approach

## Major in Information Systems

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Joel A. Buehler Ames, Iowa  
Akshith Kumar Kachetty Ames, Iowa  
Pradyutha Kaushik Ames, Iowa  
James Alexander Kent Phoenix, Ariz.  
Manikanta Puppala Ames, Iowa  
Ves Min Quah Rawang, Malaysia

Karan Singh Rawat Byron, Minn.  
Monika Sangem Des Moines, Iowa  
Amisha Sinha Ames, Iowa  
Yuan-Yu Yang Bothell, Wash.  
Marsya Yasin East Jakarta, Indonesia

## Major in Journalism and Mass Communication

---

Whitney J. Baxter Cambridge, Iowa

Julia de Braganca Peixoto Ames, Iowa

## Major in Materials Science and Engineering

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Kaitlyn Hillery Winona, Kans.  
THESIS: Achieving wide neutrality windows for block copolymer vertical orientation using congruent and incongruent polymer bushes

## Major in Mathematics

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Lillian Ryan Uhl Ames, Iowa  
THESIS: Connections on noncommutative principal bundles

## Major in Meat Science

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Cydney Earlene Jess Fremont, Ohio  
THESIS: Variation in early postmortem pH of fresh pork loin affects quality attributes and degradation of key proteins

## Major in Mechanical Engineering

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Lateef Alnesafi Ames, Iowa  
Sourav Das Belakoba, India  
THESIS: Estimation and characterization of dead plated lithium in lithium batteries during fast charging  
Rachel Hayes Fast Herndon, Va.

Sabyasachi Paul Ames, Iowa  
THESIS: Characterization and analysis of extracted lithium salts from end-of-life lithium-ion batteries utilizing x-ray photoelectron spectroscopy

## Major in Meteorology

---

Jesse Castillo May City, Iowa  
THESIS: Evaluation of Monin-Obukhov similarity theory in convective storm environments and cold pools at the US ARM Southern Great Plains atmospheric observatory

Anna Carolyn Duhachek Oakland, Iowa

## Major in Molecular, Cellular, and Developmental Biology

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Fred Rogers Namanda Ames, Iowa

## Major in Physics

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Andrea Nicole Boord                      Ankeny, Iowa

## Major in Plant Breeding

---

Juan Ignacio Di Salvo                      Ames, Iowa

## Major in Psychology

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Emma Jeanne Bognar                      Miller Lake, Canada                      Jack Standefer                      West Des Moines, Iowa  
THESIS: Direct and vicarious routes to relatedness  
need satisfaction through narrative media

## Major in Seed Technology and Business

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Erin Fletcher                      St. Peters, Mo.                      Rachel Ann Marie Poutre                      Madrid, Iowa  
Aideen Hession                      Johnston, Iowa                      Michael Rose                      Shannon, Ill.  
Ethan Thomas Mayes                      Elkton, Md.

## Major in Soil Science

---

Arturo Jose Flores Godoy  
Santa Catarina Pinula, Guatemala  
THESIS: The essential role of soil maps to support  
precision agriculture

## Major in Statistics

---

Monica Yemoley Anang                      Ames, Iowa                      Poramate Nakkirt                      Ames, Iowa  
†† Nathan Scott Friedrichsen                      Ankeny, Iowa                      Fredrick Osei                      Ames, Iowa

## Major in Veterinary Microbiology

---

Kevin William Berkland                      Ames, Iowa  
THESIS: Characterization of porcine oral fluid  
specimens and treatment options to improve  
their composition

## Major in Veterinary Preventive Medicine

---

Martinus Prastya Dwi Nugraha                      Boyolali, Indonesia                      †† Becca K. Walthart                      Winthrop, Iowa  
Thinh Tran Pham Tien                      Cai Lậy, Vietnam

## Major in Wildlife Ecology

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Kelsey Noel Shepherd                      Urbandale, Iowa                      Evangelin R. Von Boeckman                      Roseau, Minn.  
THESIS: Evaluating effects of habitat  
characteristics on occupancy and species richness  
of imperiled bumble bees in Iowa                      THESIS: Evaluating bird use of constructed and  
restored wetlands in an intensively farmed  
landscape

## Multiple Curricula and Majors

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Matthew Tarek Daoud Cedar Falls, Iowa  
MAJORS: Cyber Security and Computer Engineering

Evy Elizabeth Heid Altoona, Iowa  
MAJORS: Plant Pathology and Entomology

§ Nick Daniel Matthews Ames, Iowa  
THESIS: Automated Camera Calibration (ACC):  
A python GUI application for automatically calculating camera intrinsics with arri camera systems  
MAJORS: Human Computer Interaction and Computer Engineering

Dalena Renee Rogers Marion, Iowa  
THESIS: Seed germination and storage of native plant species on Saint John, United States Virgin Islands  
MAJORS: Environmental Science and Horticulture

## PROFESSIONAL MASTER OF BUSINESS ADMINISTRATION

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### Major in Business Administration

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Joel A. Buehler Ames, Iowa

DeMarynee Saili Pago Pago, American Samoa

### Major in Business Administration (Business Analytics)

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Ashley Jeannine Cockrill Des Moines, Iowa





**Fall 2024**

Undergraduate  
Commencement Ceremony

1:30 p.m., Saturday, December 21, 2024  
James H. Hilton Coliseum



# UNDERGRADUATE COMMENCEMENT PROGRAM

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**1:30 p.m., Saturday, December 21, 2024, 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 ..... Kim Ryan,  
President and CEO  
Hillenbrand, Inc.

## Musical Interlude

*Cyclone Fantasia* ..... Michael Golemo

Recognition of Students ..... Provost Jason Keith

Graduating with Distinction  
Graduating from the Honors Program

Recognition of those with Military Service ..... Provost Jason Keith

Conferring of the Bachelor's Degree ..... President Wendy Wintersteen

Candidates for the Bachelor's Degree presented by Provost Jason Keith  
College of Design candidates recognized by Dean Luis Rico-Gutierrez  
Ivy College of Business candidates recognized by Dean David P. Spalding  
College of Agriculture and Life Sciences candidates recognized by Dean Daniel Robison  
College of Liberal Arts and Sciences candidates recognized by Dean Benjamin Withers  
College of Health and Human Sciences candidates recognized by Dean Laura Jolly  
College of Engineering candidates recognized by Dean W. Samuel Easterling

The Class of 2024 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

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## Platform Officials

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Wendy Wintersteen, President of the University  
Kim Ryan, President and Chief Executive Officer of Hillenbrand, Inc.; and Commencement Speaker  
Sherry Bates, Board of Regents, State of Iowa  
Robert Cramer, Board of Regents, State of Iowa  
Christine Hensley, Board of Regents, State of Iowa  
Toyia Younger, Senior Vice President for Student Affairs  
Sean Reeder, Senior Vice President for Operations and Finance  
Peter Dorhout, Vice President for Research  
Meghan Gillette, Associate Teaching Professor of Human Development and Family Studies in the College of Health and Human Sciences; and Faculty Senate President-Elect  
Jeffery Johnson, Lora and Russ Talbot Endowed President and Chief Executive Officer of the Iowa State University Alumni Association  
Jennifer Suchan, University Registrar

Jason Keith, 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  
David Spalding, Vice President for Economic Development and Industry Relations; David and Ellen Raisbeck Endowed Dean of the Ivy College of Business; and Professor of Finance  
Laura Jolly, Endowed Dean and Dean's Chair of the College of Health and 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  
Benjamin Withers, Dean of the College of Liberal Arts and Sciences; and Professor of History  
Dan Grooms, Stephen G. Juelsgaard Endowed Dean of the College of Veterinary Medicine; and Professor of Veterinary Diagnostic and Production Animal Medicine  
Hilary Seo, Dean of Library Services; and Associate Professor of Library Services

## Faculty Representatives

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Saul Abarca-Orozco, Global Resource Systems  
Smaranda Andrews, Food Science and Human Nutrition  
Carmen Bain, Sociology  
Jon Beard, Information Systems and Business Analytics  
Sarah Bennett-George, Apparel, Events, and Hospitality Management  
Nancy Boury, Plant Pathology, Entomology, and Microbiology  
Susan Bradbury, Community and Regional Planning  
Thomas Brumm, Agricultural and Biosystems Engineering ✧✧  
C. Lee Burras, Agronomy 🍷✧  
H. Daniel Butler, Sociology and Criminal Justice  
Steve Butler, Mathematics 🍷✧✧  
Alicia Carriquiry, Statistics †✧

Wayne Chen, Aerospace Engineering ✧  
James Cochran, Physics and Astronomy ††  
John Cunnally, Art and Visual Culture ✧  
Mary Fornoff, Communication Studies ††  
Joey Frantzen, Naval Science  
Jon Galletley, English  
Heimir Geirsson, Philosophy and Religious Studies  
Clinton Gudmunson, Human Development and Family Studies  
Mark Hargrove, Biochemistry, Biophysics, and Molecular Biology 🍷  
Dermot Hayes, Economics †  
Kathleen Hilliard, History  
Brian Hornbuckle, Agronomy  
Scott Johnson, Management and Entrepreneurship ✧✧

‡ Distinguished Professor    🍷 Morrill Professor  
†† University Professor

✧ Endowed Chair    🍷 Chief Faculty Marshal  
✧✧ Endowed Professorship    ✧ Senior Faculty Marshal



Jonathan Kelly, Psychology  
 Ashfaq Khokhar, Electrical and Computer Engineering ✧  
 Stephen Kim, Marketing ✧  
 Hans Klein-Hewett, Landscape Architecture  
 David Kwaw-Mensah, Agronomy  
 Yvonne Lee, Apparel, Events, and Hospitality  
 Management ††  
 Nan (Peter) Liang, Information Systems and Business  
 Analytics  
 Eric Lopez, Air Force Aerospace Studies  
 Michael Martin, Landscape Architecture ✧  
 Emily Martini, Kinesiology  
 Christine Moon, Accounting  
 Tony Moton, Greenlee School of Journalism and Mass  
 Communication  
 Megan Myers, World Languages and Cultures  
 Ajay Nair, Horticulture  
 Donna Niday, English ✧  
 Jon Perkins, Accounting ✧  
 Joshua Peschel, Agricultural and Biosystems Engineering  
 Michael Retallick, Agricultural Education and Studies

Sarah Ryan, Industrial and Manufacturing Systems  
 Engineering ✧  
 Donald Sakaguchi, Genetics, Development, and Cellular  
 Biology ☞  
 Ann Smiley, Kinesiology  
 Chad Sonka, Music and Theatre  
 LTC Frank Sperl, Military Science (Army Reserves  
 Officers Training Corps)  
 Jodi Sterle, Animal Science ✧✧  
 TJ Stewart, School of Education  
 Elizabeth Swanner, Geological and Atmospheric  
 Sciences  
 Alex Tuckness, Political Science  
 Javier Vela, Chemistry ††  
 Robert Wallace, Ecology, Evolution, and Organismal  
 Biology ◆◆  
 Mary Wiedenhoeft, Agronomy ☞  
 Jonathan Wood, Civil, Construction and Environmental  
 Engineering  
 Wensheng Zhang, Computer Science

## Faculty Marshals

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Carmen Bain, Associate Dean for Academic Innovation;  
 and Professor of Sociology, College of Agriculture  
 and Life Sciences  
 Sarah Bennett-George, Teaching Professor of Apparel,  
 Events, and Hospitality Management, College of  
 Health and Human Sciences  
 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 ✧  
 Brian Hornbuckle, Professor of Agronomy, College of  
 Agriculture and Life Sciences  
 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 ✧  
 Jon Perkins, Associate Professor of Accounting, Ivy  
 College of Business ✧  
 Ann Smiley, Professor of Kinesiology, College of Health  
 and 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

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Hollis Monroe

Michael Martin ✧

## **Musicians**

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CONDUCTOR      **Michael Golemo, Director of Bands**

STUDENT VOCALIST      **Allie Pauly**

EUPHONIUM  
**Daniel Brumm**  
**Garrett Nook**

PERCUSSION  
**Joe Fischer**  
**Andrew Reill**

TRUMPET  
**Jacob Aldrich**  
**Trevor Averhoff**  
**Sam Hanson**  
**Arthur Lübberstedt**  
**Eli Potter**  
**Cora Reed**  
**Jessica Stoker**

TUBA  
**Andrew Stapleton**  
**Sam Stember**

HORN  
**Sarah DenHerder**  
**Jarod Hart**  
**Kyle Laake**  
**Lance Martin**  
**Savannah Niec**  
**Kjersten Ouverson**

TROMBONE  
**Carson Cupp**  
**Will Forbes**  
**Paige Ford**  
**Andrew King**

## COMMENCEMENT SPEAKER

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### **Kimberly K. Ryan, President and Chief Executive Officer of Hillenbrand, Inc.**

Kim Ryan is the President and Chief Executive Officer of Hillenbrand, Inc. (NYSE: HI), a global provider of highly engineered, mission-critical,



processing equipment and systems to customers in over 100 countries. Since becoming CEO in 2021, she has overseen the company's business transformation and portfolio, which today includes leading brands in the durable plastics, food, and recycling industries. She has also served on the Board of Directors of various public

and private organizations.

As CEO, Kim champions Hillenbrand's Purpose to Shape What Matters For Tomorrow, uniting more than 10,000 global employees who are driven to innovate to meet the future needs of a world that's continually changing.

Before becoming CEO, Kim served as President of Hillenbrand's Coperion business headquartered in Stuttgart, Germany, and its legacy business, Batesville Casket (divested in 2023), where she started her career.

Kim was raised in Ottumwa, Iowa, and received her

Bachelor of Business Administration in Accounting from Iowa State University in 1989. While at Iowa State, she served as president and treasurer of Alpha Phi, was active in business clubs, and worked as an auditor for a local hotel chain. Kim is a proud supporter of the Ivy College of Business and has served on the Dean's Advisory Council since 2022.

Kim has been named to Cincinnati Magazine's list of 300 Most Influential Business Leaders and the Indianapolis Business Journal's Indiana 250 - Most Influential and Impactful Leaders for the past three years. Kim received the 2014 Women in Manufacturing STEP Award for excellence in manufacturing from the Manufacturing Institute and serves on the Board of Directors of the National Manufacturers Association. She received the Outstanding Alumni Award from Iowa State University in 2005.

She has been involved in community and not-for-profit organizations, including the Southeastern Indiana YMCA, Margaret Mary Hospital in Batesville, Indiana, the C.R.E.A.T.E. Technology Foundation, and advocates for the advancement of STEM educational programs and career opportunities for young women. Kim lives in Batesville, Indiana, with her husband. She has two grown children and is a proud grandmother.

# UNDERGRADUATE COMMENCEMENT VOCALIST & DIRECTOR OF BANDS

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## Allie Pauly, Undergraduate Commencement Vocalist

Allie Pauly is a senior in vocal music education at Iowa State University, where she is actively involved in the university's musical community. A dedicated



soprano with a passion for opera and solo performance, Allie has been a member of the ISU Opera Studio and the Iowa State Singers since 2021. In addition to her performances, she is a member of Sigma Alpha Iota, a music fraternity on campus, fostering her commitment to music and sisterhood. Allie plans to graduate in Spring 2025 with

a Bachelor of Music degree and aspires to share her love for music through teaching high school choir.

## 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. 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

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## COLLEGE OF AGRICULTURE AND LIFE SCIENCES

### **Madison Vetter**

*Hometown: Cedar Falls, Iowa*

*Major: Biology, Cum Laude*



Madison is graduating *cum laude* with a major in biology.

While at Iowa State University, Madison served as an Undergraduate Biology Program peer mentor and a chemistry and biology tutor in the Academic Success Center.

Madison spent a year gaining research experience in Dr. Sakaguchi's lab, focusing on stem cell and tissue engineering and research.

After graduation, Madison plans to work and volunteer in the healthcare field before applying for medical school.

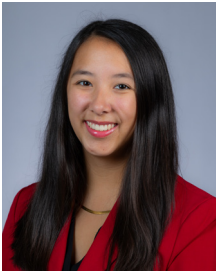
*University Escort: Sarah Wehner, Academic Advisor and Biology Learning Community Coordinator*

## DEBBIE AND JERRY IVY COLLEGE OF BUSINESS

### **Emily Kaitlin Matulac**

*Hometown: Ames, Iowa*

*Majors: Finance and Management, Summa Cum Laude*



Emily is graduating *summa cum laude* with a double major in finance and management, and she was inducted into the business honor society, Beta Gamma Sigma.

While at Iowa State University, Emily served as president and ambassador of Multicultural Business Network, hosting recruitment events for prospective students. She also worked as a lead peer mentor for Business Learning Teams and as a travel manager for the Iowa State wrestling team. She also participated in the Ivy Emerging Leaders program and Gerdin Leaders Academy.

Emily completed internships with Bankers Trust, Collins Aerospace, and Principal Financial Group.

After graduation, Emily will join Principal as a financial analyst.

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

## COLLEGE OF DESIGN

### **Khushi Jain**

*Hometown: Pune, India*

*Major: Architecture, Magna Cum Laude*

*Minor: Entrepreneurship*



Khushi is graduating *magna cum laude* with a major in architecture and a minor in entrepreneurship.

While at Iowa State, Khushi held roles as transfer chair for the Honors Student Board, events coordinator for the American Institute of Architecture Students, peer mentor for the BUILD learning community, treasurer for the Real Estate Development Club, and leader for the Habitat for Humanity Collegiate Challenge.

Khushi was on the student team that won the fall 2023 DLR Group Prize in the Department of Architecture, and she represented Iowa State in the NAIOP Commercial Real Estate Development competition the past two years. She also studied in Italy with the College of Design's 2024 summer program and interned with architecture firms in Ames and New Jersey.

After graduation, Khushi will relocate to New Jersey and pursue licensure as an architect.

*University Escort: Ayodele Iyanalu, Associate Teaching Professor, Department of Architecture*

# STUDENT MARSHALS

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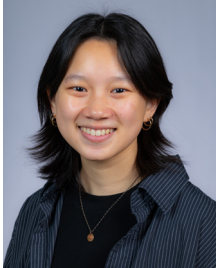
## COLLEGE OF ENGINEERING

### **Katie Wolf**

*Hometown: Cedar Rapids, Iowa*

*Major: Computer Engineering, Summa Cum Laude*

*Minors: Cyber Security, Mathematics, and Chinese Studies*



Katie is graduating *summa cum laude* with a major in computer engineering and minors in cyber security, mathematics, and Chinese studies.

While at Iowa State University, Katie served as a teaching assistant, facilitating lab sessions in a Computer Architecture course. She was also a member of the Digital Women Club and Student Affairs Student Advisory Board.

Katie completed four internships during her time at Iowa State, two at Collins Aerospace and two at Oracle.

After graduation, Katie will begin a position as a software engineer at Oracle in California.

*University Escort: Henry Duwe, Associate Professor, Department of Electrical and Computer Engineering*

## COLLEGE OF HEALTH AND HUMAN SCIENCES

### **Camryn Mosty**

*Hometown: Cedar Rapids, Iowa*

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

*Minor: Public Relations*



Camryn is graduating *summa cum laude* with a major in apparel, merchandising, and design and a minor in public relations.

During her time at Iowa State, Camryn provided leadership to the success of the student-run store, Innovate 1858. She also led teams working on TREND Magazine and The Fashion Show.

Camryn recently started her own business, The Brand, an online vintage clothing store for which she curates vintage apparel and leads all aspects of the business.

After graduation, Camryn will begin her career in Minneapolis.

*University Escort: Emily Worrall, Ph.D. Candidate, Department of Apparel, Events, and Hospitality Management*

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### **Madeline Mae Becker**

*Hometown: Glenwood, Iowa*

*Majors: Economics and Political Science, Summa Cum Laude*



Madeline is graduating *summa cum laude* with a double major in economics and political science, while concurrently pursuing a Master of Science in Economics.

During her time at Iowa State University, Madeline served as president and education vice president of the Gamma Phi Beta Sorority Chapter, and director of governmental affairs for the Government of the Student Body, representing Iowa State students at local, state, and federal levels.

Madeline completed multiple internships in the Washington, D.C. area as a congressional intern, business integration summer intern, and economics intern with the White House Council of Economic Advisors.

After graduation, Madeline plans to work as a financial business analyst with Deloitte Consulting before attending law school in Fall 2027.

*University Escort: Darin Wohlgenuth, Associate Teaching Professor, Department of Economics*



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

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## BACHELOR OF SCIENCE

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### Curriculum in Agricultural and Life Sciences Education

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** Hanna Dee Marie Bedwell	<i>New Virginia, Iowa</i>	Ashley Diane Henneman	<i>Shenandoah, Iowa</i>
Zachary Thomas Brecht	<i>Belle Plaine, Iowa</i>	Alyson Joan McCarty	<i>West Haven, Conn.</i>
Heather Elizabeth Cernek	<i>Dewitt, Iowa</i>	Kylee Zoran	<i>Ottawa, Ill.</i>
Erin Marie Hemphill	<i>Ames, Iowa</i>		

### Curriculum in Agricultural Business

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** Emma Sue Ahrendsen	<i>Sioux Rapids, Iowa</i>	Samantha Lee Noteboom	<i>Sheldon, Iowa</i>
Jacy Quinn Coady	<i>Melrose, Iowa</i>	Madison Orewiler	<i>Des Moines, Iowa</i>
** Faith Dean Kuehl	<i>Woodward, Iowa</i>	Natalie Grace Ott	<i>Oshkosh, Wis.</i>
Connor Lee McCoy	<i>Adel, Iowa</i>	Nicolas Pratte	<i>Montréal, Canada</i>
*** Shane Allen Neighbor	<i>Center Point, Iowa</i>	Chase Alan Sandholm	<i>Red Oak, Iowa</i>
Emily E. Nible	<i>Bethany, Mo.</i>		

### Curriculum in Agricultural Communication

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* Kiley Allan	<i>Le Mars, Iowa</i>	Jackie Miller	<i>Maquoketa, Iowa</i>
** Lindsey Galbreath	<i>Enderlin, N. Dak.</i>	* Kadence Overby	<i>Kenly, N.C.</i>

### Curriculum in Agricultural Studies

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*** Morgan Bakker	<i>Steamboat Rock, Iowa</i>	Johanna Sauers	<i>Audubon, Iowa</i>
Tanner Patrick Curtin	<i>Oxford, Iowa</i>	Robert Edmund Schaefer	<i>Ames, Iowa</i>
* Ava Naomi Daufeldt	<i>Muscataine, Iowa</i>	Abigail Simpson	<i>Farmington, Ill.</i>
McKinna Ashtyn Hogan	<i>Lenox, Iowa</i>	** Sylvia Skriver	<i>West Branch, Iowa</i>
Gunder Howe	<i>Ames, Iowa</i>	* Jonathon Te Slaa	<i>Hull, Iowa</i>
Vivian Nancy Leonard	<i>Holstein, Iowa</i>	Blake Veenstra	<i>Lynnville, Iowa</i>
Matthew McGarry	<i>Jewell, Iowa</i>	Zachary Kenneth Willenborg	<i>Manning, Iowa</i>
Joshua Noftsgar	<i>Clive, Iowa</i>	Katherine Ann Winter	<i>Ames, Iowa</i>
Marshall Parrott	<i>Danville, Iowa</i>	Lincoln Cale Yoder	<i>Wellman, Iowa</i>

### Curriculum in Agricultural Systems Technology

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Tapani Branstad	<i>Forest City, Iowa</i>	Evan Mark	<i>Williams, Iowa</i>
* Dawson Chenoweth	<i>Adair, Ill.</i>	Max Riley	<i>Rippey, Iowa</i>
Tanner Scott Edwards	<i>Bangor, Pa.</i>	Clayton Rossmanith	<i>Grimes, Iowa</i>
Lainey Michelle Graff	<i>Ames, Iowa</i>	Clayton Olin Sogge	<i>State Center, Iowa</i>

### Curriculum in Agronomy

---

Gavin Thomas Anderson	<i>Zimmerman, Minn.</i>	* Caleb Noble	<i>Ottumwa, Iowa</i>
Emily G. Caspers	<i>Swaledale, Iowa</i>	Jordan Rollefson	<i>Mason City, Iowa</i>
Alex Jeffrey Cecil	<i>Summerfield, N.C.</i>	Erin Ryan	<i>Cresco, Iowa</i>

### Curriculum in Animal Ecology

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Ayrin Jessica Alexander	<i>Lucas, Iowa</i>	* Vanice Chong	<i>Ames, Iowa</i>
Luke Boeck	<i>Ames, Iowa</i>	*** Isaac Ensminger	<i>Bondurant, Iowa</i>
Vanessa Raven Breedlove	<i>Carroll, Iowa</i>	*** Hsin Jung Hsu	<i>Johnston, Iowa</i>

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

Avery Keenan	<i>Spirit Lake, Iowa</i>	Elizabeth Marie Schultz	<i>Marion, Iowa</i>
*** Bella Maiwurm	<i>Ames, Iowa</i>	** Hailey Seifrig	<i>Indianola, Iowa</i>
Laiany Maldonado	<i>Cayey, Puerto Rico</i>	Megan Rose Shermer	<i>West Des Moines, Iowa</i>
Alyson Joan McCarty	<i>West Haven, Conn.</i>	Kelsey E. Smith-Hernandez	<i>Sioux City, Iowa</i>
Kady Alexis Miller-Verduyn	<i>Dunkerton, Iowa</i>	Logan Kent Thompson	<i>Norwalk, Iowa</i>
Mariah L. Mohler	<i>Des Moines, Iowa</i>	Dakota Arthur Waterhouse	<i>Gilbert, Iowa</i>
***† Celia Judith Neuzil	<i>Calmar, Iowa</i>	Joshua Woolfolk	<i>Ames, Iowa</i>

### Curriculum in Animal Science

Ellie C. Anderson	<i>Washington, Iowa</i>	Maxwell M. McClure	<i>Burlington, Iowa</i>
Kirstin Lynn Brown	<i>Madrid, Iowa</i>	Carly Meier	<i>Clarence, Iowa</i>
Hannah Grace Bundt	<i>Carroll, Iowa</i>	Claire Grace Miller	<i>Huxley, Iowa</i>
Megan Buyert	<i>Pella, Iowa</i>	Vy Tuong Nguyen	<i>Hồ Chí Minh, Vietnam</i>
Kathryn Jo Carlyle	<i>Centerville, Iowa</i>	Samantha Lee Noteboom	<i>Sheldon, Iowa</i>
Jade Renee Cox	<i>Ames, Iowa</i>	*** Chloe Ann Marie Otto	<i>Dexter, Iowa</i>
Katherine Cabbage	<i>Belle Plaine, Iowa</i>	*** Dani Rayford	<i>Hatley, Wis.</i>
*** Gabrielle Elizabeth Erbes	<i>West Fargo, N. Dak.</i>	*** Amanda Ritland	<i>Ankeny, Iowa</i>
Kinze Alexis Fox	<i>Oakdale, Ill.</i>	*† Lilah Roos	<i>Peoria, Ill.</i>
Madison Josephine Funk	<i>Waterloo, Iowa</i>	Valerie Rosales	<i>Ames, Iowa</i>
* Hannah Grieme	<i>Schaller, Iowa</i>	* Cale Robert Rowley	<i>Guthrie Center, Iowa</i>
Izabella R. Hartshorn	<i>Ankeny, Iowa</i>	Clarissa A. Sheeley	<i>Ames, Iowa</i>
Abigail Hibma	<i>Brewster, Minn.</i>	** Ava Shovein	<i>Burnsville, Minn.</i>
Christian Hinrichs	<i>Ames, Iowa</i>	Madison Stief	<i>Cherokee, Iowa</i>
Ashlyn Huff	<i>Montezuma, Iowa</i>	* Brock Thompson	<i>St. Charles, Iowa</i>
Kendra Jean Husman	<i>Quimby, Iowa</i>	*** Jackson Douglas Van Holland	<i>Sioux City, Iowa</i>
***† Morgan E. Kazmierczak	<i>North Liberty, Iowa</i>	* Alexandria Fayth Washington	<i>Oceanside, Calif.</i>
Cody Kline	<i>State Center, Iowa</i>	* Cole Werner	<i>Rush, N.Y.</i>
Ceondra Lynn Kowalske	<i>Dubuque, Iowa</i>	Victoria Lynn Wildeman	<i>Albert Lea, Minn.</i>
Emma LM Lemke	<i>Cedar Rapids, Iowa</i>	Alexandra G. Williams	<i>Ashland, Neb.</i>
Electra Morgana Li Bassi	<i>San José, Calif.</i>	Taylor L. Yordy	<i>Leaf River, Ill.</i>
* Brielle Kristine Madden	<i>Emmetsburg, Iowa</i>	Hanna Zuehl	<i>St. Ansgar, Iowa</i>
** Caitlin Nikelle Maynes	<i>Pleasant Hill, Iowa</i>		

### Curriculum in Biochemistry

Hayley Frances Effertz	<i>Bloomington, Minn.</i>	Renee Plassman	<i>Cedar Falls, Iowa</i>
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### Curriculum in Biology

Shelbi Lynne Beckman	<i>Fort Dodge, Iowa</i>	***† Isabelle Jordan Lein	<i>Rosemount, Minn.</i>
** Jocelyn Jo Bice	<i>Norwalk, Iowa</i>	Jocelyn Sue Esther Melvin	<i>St. Peter, Minn.</i>
Samuel Neil Brewster	<i>Marion, Iowa</i>	* Kenidy N. Moeller	<i>Bondurant, Iowa</i>
Hayden Louise Calendine	<i>Ames, Iowa</i>	* Drake Thomas Oswald	<i>Remsen, Iowa</i>
Malia Cecille Cockrell	<i>Huntington Beach, Calif.</i>	* Jacob Alan Reinhardt	<i>Waukon, Iowa</i>
Jhudanne Fletcher	<i>Grandview, Mo.</i>	Jade Yuliang Segur	<i>Pacific Junction, Iowa</i>
Zachary Colten Graeser	<i>Charles City, Iowa</i>	* Madison Vetter	<i>Cedar Falls, Iowa</i>
*** Katherine Jean Koenig	<i>Ames, Iowa</i>	Piper Wise	<i>Urbandale, Iowa</i>
Jessica Dianne Lathrop	<i>Des Moines, Iowa</i>		

### Curriculum in Dairy Science

Gina Marie Mashek	<i>Calmar, Iowa</i>	Kenna Annalise Meisgeier	<i>Ames, Iowa</i>
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### Curriculum in Environmental Science

Lauren Nicole Butler	<i>Fort Dodge, Iowa</i>	Caryn Horning	<i>Cedar Rapids, Iowa</i>
Chelsea Minae Duncan	<i>Ogden, Iowa</i>	** Nelly Keitetsi	<i>Ames, Iowa</i>
*** Brittany Ann Funke	<i>Ames, Iowa</i>	***† Celia Judith Neuzil	<i>Calmar, Iowa</i>
Kylie Jo Glover	<i>Fargo, N. Dak.</i>	* Emelia Grace Traina	<i>Joliet, Ill.</i>



## Curriculum in Food Science

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Weijia Pang Ames, Iowa

## Curriculum in Forestry

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Brett Baccam	Mt. Pleasant, Iowa	Nicholas Cole Lucht	West Des Moines, Iowa
Nathan K. Erickson	Ames, Iowa	* Joseph James McCartan	Ames, Iowa
Isabella Grace Lehmkuhl	Cresco, Iowa	** Jaykob Peters	Worthington, Iowa
** Eli Robert Lindsey	Tipton, Iowa	Lia Jean Schippers	Radcliffe, Iowa

## Curriculum in Genetics

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Kristen Michele Hinga	Bryan, Tex.	* Anna Grace Tschanz	Minneapolis, Minn.
** Ella Townsend	St. Charles, Ill.		

## Curriculum in Global Resource Systems

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\* Lily Leyser Johnston, Iowa

## Curriculum in Horticulture

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Lane Alexander Carpenter	Iowa Falls, Iowa	Sarah Diane Nelson	Des Moines, Iowa
Tyler Alan Closser	Nevada, Iowa	Caleb Evan Spry	Fort Gay, W. Va.
Carson Golingerhorst	Eldridge, Iowa	Kate Marie Sutter	Normal, Ill.
Josephine Hyatt	Ankeny, Iowa	** Alexander D. Trough	Boone, Iowa
* Nathan Alan Moore	Dike, Iowa		

## Curriculum in Industrial Technology

---

** Isaac Altman	Atlantic, Iowa	* Spencer Karkosh	South Amana, Iowa
Abigail Rose Belcher	Clinton, Iowa	Carter Reginald Knutsen	Goose Lake, Iowa
Tyler E. Bortolazzo	Sparks, Nev.	Kevin Anton Margis	Gurnee, Ill.
Tapani Branstad	Forest City, Iowa	Brian Martinez-Flores	Des Moines, Iowa
Skylar James Bunton	Clive, Iowa	Benjamin Q. McDonald	Victoria, Minn.
Logan Louis Eubanks	Marion, Iowa	*** Madison Hai Tian McVey	West Point, Iowa
** Edward Jerome Fitzsimons	Des Moines, Iowa	* Anna Grace Overmann	Marion, Iowa
* Parker Frey	Polk City, Iowa	** Logan Willard Paine	Maxwell, Iowa
Aidan B. Gorishek-Richardson	Davenport, Iowa	Jesus Razo	Tama, Iowa
Lainey Michelle Graff	Ames, Iowa	Logan Patrick Schoening	Omaha, Neb.
* Jon H. Gresham	Winterset, Iowa	Beric Coal Sommerlot	Ames, Iowa
Brenna Xiaowei Hartse	Cedar Rapids, Iowa	Samuel Christopher Swantz	Burnsville, Minn.
Caleb Evan Herrick	Farmington, Iowa	* Jacob Van Brocklin	Boone, Iowa
Ryan Daniel Jaskowski	Yorkville, Ill.	* Andrew Woenker	Oakwood Hills, Ill.

## Curriculum in Microbiology

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Fynn Blight	Norwalk, Iowa	Andie T. Tidgren	Boone, Iowa
Thomas Seamans	Springfield, Va.		

## Multiple Curricula and Majors

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Allyson Kay Abbas	Osceola, Iowa	Dylan Douglas Bappe	Gilbert, Iowa
Animal Science and Agricultural Business		Agricultural Systems Technology and Industrial Technology	
** Gillian Marie Anderson	Charles City, Iowa	Austin Bulman	Decorah, Iowa
Agricultural and Rural Policy Studies and International Agriculture		Agricultural Systems Technology and Industrial Technology	
Andrew M. Babcock	Jewell, Iowa	*** Paige A. Dvorak	New Richmond, Wis.
Agricultural Business and Liberal Arts and Sciences: Major in Economics		Agricultural Business and International Agriculture	

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

- Makenzie E. Fischer** *Ottumwa, Iowa*  
Animal Ecology and Environmental Science
- \*\* **Jacob Gottschalk** *Epworth, Iowa*  
Animal Science and Liberal Arts and Sciences:  
Major in Political Science
- Bryce Michael Greiner** *Keota, Iowa*  
Agricultural Studies and Agricultural Business
- Sydni Cheri Hostetter** *Waukee, Iowa*  
Biology and Education
- Emma Maxine Kielsmeier** *Huxley, Iowa*  
Agricultural Business and International  
Agriculture
- Emily Lopez** *Moline, Ill.*  
Genetics and Liberal Arts and Sciences: Major in  
Statistics
- Tianrui Lu** *Ames, Iowa*  
Agricultural Business and Liberal Arts and  
Sciences: Major in Economics
- \*\* **Ashley Lynn Marker** *Bloomington, Minn.*  
Biochemistry and Liberal Arts and Sciences:  
Major in World Languages and Cultures (Spanish)
- \*\* **Christopher August Meyer** *Pomeroy, Iowa*  
Agronomy and Agricultural Business
- Alexis Laurel Moeller** *Muscatine, Iowa*  
Agricultural Business and International  
Agriculture
- McKenna Marie Murphy** *Lakeville, Minn.*  
Environmental Science and Agronomy
- Patrick Ryan Pendleton** *Muscatine, Iowa*  
Industrial Technology and Agricultural Systems  
Technology
- \*\* **Brock David Ratliff** *Albia, Iowa*  
Industrial Technology and Agricultural Systems  
Technology
- Zachary Ty Riedemann** *Calumet, Iowa*  
Agricultural Studies and Liberal Arts and  
Sciences: Major in Performing Arts
- Hailey Rossmiller** *Eldridge, Iowa*  
Agricultural Communication and International  
Agriculture
- Mary-Kate E. Russell** *Glenview, Ill.*  
Biology and Education
- \*\*\* **Elizabeth Carol Severson** *Marion, Iowa*  
Agronomy and Horticulture
- Quentin Slater** *Shenandoah, Iowa*  
Agricultural Communication and Agricultural  
and Rural Policy Studies
- Allison Lee Smith** *Colona, Ill.*  
Agronomy and Seed Science

# CANDIDATES FOR DEGREES FROM THE IVY COLLEGE OF BUSINESS

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## BACHELOR OF BUSINESS ADMINISTRATION

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### Major in Business Administration

---

Lee D. Chinyama	Johnston, Iowa	Alexa V. Robertson-Wise	Pittsfield, Ill.
Braeden Mathew Maise	Jackson, Neb.	Chad Stewart Settle	Ames, Iowa
Nathaniel Weil Orellana Adams	West Des Moines, Iowa	Evan Ross Slabaugh	Joliet, Ill.

## BACHELOR OF SCIENCE

---

### Major in Accounting

---

** Noah A. Adelmund	Nevada, Iowa	Hannah Lou Kraus	Arcadia, Iowa
*** Ryleigh Elizabeth Auten	Sioux Falls, S. Dak.	** Ralene Luong	Davenport, Iowa
*** Sarah Baryenbruch	Bolingbrook, Ill.	** Allison Grace Major	Albia, Iowa
** Sophia Grace Bothof	Lakeville, Minn.	Jose Angel Marin-Ramirez	Ankeny, Iowa
*** Amber N. Braniff	Ogden, Iowa	Ellery Jude McAlister	Des Moines, Iowa
Colby Owen Bush	Waukee, Iowa	*** Devin James Mead	Plymouth, Minn.
Isabella Cartagena	Chicago, Ill.	Hunter Matthew Mettler	Minneapolis, Minn.
Yuxin Chen		* Bryce A. Miller	Norwalk, Iowa
Monica Cristina Colon	Caguas, Puerto Rico	Skylar Rion Mueterthies	Ames, Iowa
*** Bethany Cook	Ames, Iowa	*** Mallory Cadence Mulligan	Defiance, Iowa
*** Paige Nicole Creswell	Reinbeck, Iowa	** Zeynep Elif Ozaltin	Ankeny, Iowa
** Lauren V. Dettbarn	West Des Moines, Iowa	Destini Tasia Phetxoumphone	Webster City, Iowa
Grace Erdoesy	West Des Moines, Iowa	Briley Alison Pike	Sloan, Iowa
*** Ben Evitts	Eldridge, Iowa	Thomas Richard Pyles	Sioux City, Iowa
*** Karli Sue Flynn	Wall Lake, Iowa	Valentin Rosario	Caguas, Puerto Rico
Hannah Fritz	Nevada, Iowa	** Anna Sanders	Lamotte, Iowa
*** Elizabeth R. Gregoricka	Springville, Iowa	Lauren E. Shanda	West Des Moines, Iowa
*** Lauren Grace Hopkins	Malta, Ill.	** Bryan Mack Stewart	West Des Moines, Iowa
* Niclas Arnold Jones	Ottumwa, Iowa	Emma Jean Sweeney	Ryan, Iowa
* Vedad Kavazovic	Johnston, Iowa	Dal Lam Thang	Des Moines, Iowa
Jacob Ryan Killackey	Ames, Iowa	Aiden Charles Turner	Bondurant, Iowa
** Jessica Elizabeth King	Ames, Iowa		

### Major in Actuarial Science

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*** Ayden Martin Hall	West Des Moines, Iowa
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### Major in Business Analytics

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*** Oluwadamilola F. Ajibola	Ames, Iowa	Joshua W. Graves	Davenport, Iowa
Sean Chan	Ames, Iowa	Alexandria D. Peterson	Waukee, Iowa
*** Yazhi Feng	Ames, Iowa	* Benjamin William Ver Ploeg	Grimes, Iowa
Kyle Alan Goranson	Urbandale, Iowa	*** Conner Woods	Johnston, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

## Major in Business Economics

---

Matias Ivan Caballero Elorreaga Ames, Iowa  
Allie M. Ford Iowa Falls, Iowa

\*\*\*† Ruben David Tapia Huaraz Lima, Peru  
\*\*\* Jack Roger Van Diest Webster City, Iowa

## Major in Entrepreneurship

---

Benjamin C. Brcka Ankeny, Iowa  
\*\* Carli Lyn Cooper Cedar Rapids, Iowa  
Damon Huston Wyoming, Iowa

Madelyn Hope Lindholm St. Paul, Minn.  
\*\*\* Grant M. Strop Eagan, Minn.  
Tyson Bradley Thompson Ames, Iowa

## Major in Finance

---

Khaled Saeed Albahri Salem Alameri  
Abu Dhabi, United Arab Emirates  
Parker Tade Asche Urbandale, Iowa  
\*\* Caden Robert Back Holmen, Wis.  
Luciano R. Bertagnolli Des Moines, Iowa  
\*\* James Henry Bonifas Dubuque, Iowa  
\*\*\* Cade Broberg Waukee, Iowa  
Isaac Jay Buehler New Prague, Minn.  
Joseph Richard Burnes Marshalltown, Iowa  
Joseph David Carli Geneva, Ill.  
\* Cooper Clay Carlson Waukee, Iowa  
Sean Chan Ames, Iowa  
Peyton Michael Colvin Sycamore, Ill.  
\*\* Will Frederick Cooper West Des Moines, Iowa  
Carter Davis Ankeny, Iowa  
Ethan Robert Doll Blaine, Minn.  
\*\* Cora Edwards Washington, Ill.  
Grace Erdoesy West Des Moines, Iowa  
\*\*\* Karli Sue Flynn Wall Lake, Iowa  
Allie M. Ford Iowa Falls, Iowa  
Tyler Joseph Fromm Ankeny, Iowa  
Dane Jacksen Fuller Dike, Iowa  
\*\* Alex Gergely Gurnee, Ill.  
Jamison Allen Goldapp Valley, Neb.  
Colin M. Hackett Frankfort, Ill.  
\*\*\* Brandon Steven Harold Ames, Iowa  
Hunter R. Helgerson Carroll, Iowa  
Ernesto A. Iraheta Lara Sioux City, Iowa  
Aidan James Ishaug Bloomington, Minn.  
Alexander Rene Jimenez New Lenox, Ill.  
Logan Rex Kinsey Ames, Iowa

Thomas Robert Lawman Manson, Iowa  
\*\* Luke C. Lehan Minden, Iowa  
Benjamin Jason Leshen Albia, Iowa  
Taegen Long Lehigh, Iowa  
Trey Jeffrey Lyons Webster City, Iowa  
\* Garrett Lee Marn Corning, Iowa  
\*\*\* Emily Kaitlin Matulac Ames, Iowa  
Ryan J. McClintock Sioux City, Iowa  
\*\*\* Devin James Mead Plymouth, Minn.  
Myles Mendezsoon Chardon, Ohio  
Nathan Bakken Mertes Minneapolis, Minn.  
Rafe Henry Miller Osage, Iowa  
\*\* Mallorie Mogler Larchwood, Iowa  
Hadziq Mohd Hazem Ames, Iowa  
Taylor N. Moore Carroll, Iowa  
Janet D. Norris Johnston, Iowa  
Akintomiwa Oduwaiye Inver Grove Heights, Minn.  
\*\* Megan Paige Ottinger Plymouth, Minn.  
Evan Eric Payne Ames, Iowa  
Mia Peyton Manchester, Iowa  
Maggie Elizabeth Puccio Iowa City, Iowa  
Samuel Andrew Schrodt Adel, Iowa  
Kaleb Andrew Scott Ankeny, Iowa  
Mehdi Sebghati Ames, Iowa  
\*\* Leighton James Tanke Grimes, Iowa  
\*\*\*† Ruben David Tapia Huaraz Lima, Peru  
Alex A. Todhunter Des Moines, Iowa  
\*\*\* Jack Roger Van Diest Webster City, Iowa  
Karrigan Brooke Van Zante Altoona, Iowa  
\*\*\* Travis W. Vander Heiden Winterset, Iowa  
\*\*\* Tyler G. Vander Heiden Winterset, Iowa

## Major in Healthcare Management

---

Allison Margaret Lester Buffalo, Minn.

## Major in Human Resource Management

---

\*\* Kayla Marie Hoskins West Bend, Iowa

James Thomas Roelsgard Marshalltown, Iowa

## Major in Management

---

Tyler John Brady Ogden, Iowa  
Nicholas Charles Cepelcha Ankeny, Iowa  
Abbie S. Dague Iowa Falls, Iowa  
De'omri Billy Dee Diaz-Taylor Cedar Rapids, Iowa  
\*\* Emma M. Gourley Boone, Iowa  
Haley A. Gremler Cumming, Iowa  
Jack Peter Hoogland Springville, Iowa

Blake Thomas Kroth Rosemount, Minn.  
\*\*\* Emily Kaitlin Matulac Ames, Iowa  
\* Jordan Nicole Miller West Des Moines, Iowa  
Amra Mrkonjic Ankeny, Iowa  
Destini Tasia Phetxoumphone Webster City, Iowa  
Kade J. Polich Woodward, Iowa  
Brayden Christopher Riggs St. Charles, Mo.

\* Cum Laude  
\*\* Magna Cum Laude

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

** Kelly E. Selof Kiara Shea Spurrill	Polk City, Iowa Lakeville, Minn.	Samantha Luann Trost Daniel Rashaun White	Lenox, Iowa Chicago, Ill.
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### Major in Management Information Systems

Seth Alan Anderson	Ames, Iowa	Saketh Mahavadi	West Des Moines, Iowa
Rosy Ariel Banda Rivera	West Des Moines, Iowa	Leon Micheal Makovec	Ankeny, Iowa
Jackson J. Blair	Johnston, Iowa	Jacob Menchaca	Sioux Rapids, Iowa
Matthew Arek Brammer	South Elgin, Ill.	Vignesh Mohan	Ames, Iowa
Christopher Howard Brown	North Liberty, Iowa	Kaavin Muralikrishnan	Ames, Iowa
David Michael Chan	West Des Moines, Iowa	*** Ryan Dean Nichols	Ogden, Iowa
Kieron J. Chavez	Ankeny, Iowa	Kishan Patel	Ames, Iowa
Kairavi Jigneshkumar Dave	Ames, Iowa	Coby Dean Peters	Panora, Iowa
Mann Premal Dharod	Ames, Iowa	* Christopher M. Rafford	McHenry, Ill.
** Cora Edwards	Washington, Ill.	Santosh Ramakrishnan	Clayton, Mo.
*** Ben Evitts	Eldridge, Iowa	** Jack Reser	West Des Moines, Iowa
Levi Walter Farmer	Ames, Iowa	Emily Robertson	Springville, Iowa
Samsom Y. Goitom	Ames, Iowa	Nolan Rosengren	Logan, Iowa
Kaiden Joseph Green	West Des Moines, Iowa	Ryan Henry Schroeder	Ames, Iowa
Seth Thomas Hanson	Sioux City, Iowa	* Kyle Skinner	Eldridge, Iowa
** Denisse Hernandez	Marshalltown, Iowa	Matthew Brian Tift	Ames, Iowa
* Victor W. Huang	Des Moines, Iowa	Nathan Ian Ung	Des Moines, Iowa
Trevor John Hughes	Elgin, Ill.	** Sabrina Vongphandy	Des Moines, Iowa
* Vy T. Huynh	Des Moines, Iowa	Zachary Samuel Willens	Riverwoods, Ill.
Fawaz Pir Jamal	Ames, Iowa	Gabriel Allan Wright	Monticello, Iowa
Saketh Kumar Kolla	Ames, Iowa		

### Major in Marketing

Jessica Baker	Storm Lake, Iowa	Nicholas Andrew Mahoney	Bettendorf, Iowa
** Lincoln L. Banyas	Ankeny, Iowa	Emily L. Margellos	Sergeant Bluff, Iowa
Sophia G. Barbari	Chanhassen, Minn.	Nedaviah Cherie Martells	Atlanta, Ga.
Emma Jennifer Bell	Grimes, Iowa	JulieAna Victoria Munoz	Des Moines, Iowa
*** Cade Broberg	Waukee, Iowa	Claire Neighbor	Center Point, Iowa
Xander Ryan Carver	North Sioux City, S. Dak.	Amanda Jean Niedan-Olsen	Shakopee, Minn.
Braidyn A. Castle	Arlington Heights, Ill.	** Perla Nunez	Tama, Iowa
Rachel Chinyama	Johnston, Iowa	Ethan Osorio	Ankeny, Iowa
Gabriel M. Christofferson	Johnston, Iowa	* Elizabeth Eryn Pierce	Altoona, Iowa
Halle Collins	Kingsley, Iowa	Elliott Carter Pierron	Ames, Iowa
Logan James Conway	Chicago, Ill.	Alexander James Rabe	Ames, Iowa
Nisha Dholakia	Waukee, Iowa	Whitney M. Remsburg	West Des Moines, Iowa
Sean Patrick Dillon	Elkader, Iowa	Rheanna Joan Reusch	Carpenterville, Ill.
Mason John DouBrava	West Des Moines, Iowa	Brayden Christopher Riggs	St. Charles, Mo.
** Rhys Engelmeier	St. Paul, Minn.	Michael J. Romano	Ackworth, Iowa
** Cora Christine Frohwein	New Providence, Iowa	Luke Sponsler	Marshalltown, Iowa
Emma Irene Fulton	Urbandale, Iowa	Ellie Ward	Council Bluffs, Iowa
Craig Reginald Harris	Sioux City, Iowa	Colin William Wehr	Blue Grass, Iowa
***† Olivia Heindel	Ames, Iowa	* Abigail Page Wellman	West Point, Iowa
** Robert Cal Killian	Johnston, Iowa	** Audra Wilkinson	West Des Moines, Iowa
** Alexxus A. Link	Carlisle, Iowa	Mason Wolfswinkel	Clive, Iowa
Taegen Long	Lehigh, Iowa		

### Major in Supply Chain Management

** Allison Marie Anderson	Madrid, Iowa	Miles Daniel Fazendin	Wayzata, Minn.
Ashton R. Brown	Ankeny, Iowa	Carson Foglesong	Davenport, Iowa
Carlee Elizabeth Bruns	Britt, Iowa	** Tori Marie Galles	Remsen, Iowa
Keely Donald Chaplin	Ames, Iowa	Luke Joseph Jacobi	West Des Moines, Iowa
Lal R. Chhara	Des Moines, Iowa	Michael Karbowski	Lake Zurich, Ill.
Brock James Chiodo	Ankeny, Iowa	Stevenson Klotz	Chaska, Minn.
O'Neal Boose Daniels Jr.	Sioux City, Iowa	Matthew D. Liebe	Grimes, Iowa
Dresden Jean Eldridge	State Center, Iowa	*** Jake Louis	Hampshire, Ill.

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

Walter Messerlie	Ankeny, Iowa	Anthony Jon Schmid	Grayslake, Ill.
*** Caleb Joseph Otting	Anamosa, Iowa	Matthew William Thomas	West Des Moines, Iowa
Aayush Parikh	Naperville, Ill.	** Sabrina Vongphandy	Des Moines, Iowa
Hunter Keith Pope	Pflugerville, Tex.	** Alex Wilson	Altoona, Iowa
* Taw Reh	Des Moines, Iowa	Joel T. Zeman	Waukee, Iowa
Tyler Jason Ruiz	Council Bluffs, Iowa		

## Multiple Curricula and Majors

* Karlie J. Bown	State Center, Iowa	* Andrew Klopff	Johnston, Iowa
Management and International Business		Supply Chain Management and Finance	
Kent L. Bui	Davenport, Iowa	Will Michael Kutch	Minot, N. Dak.
Supply Chain Management and Management		Finance and Healthcare Management	
Information Systems		Varsha Reddy Pesaru	Ames, Iowa
** Alex Michael Bunn	Mason City, Iowa	Finance and Management	
Accounting and Finance		Diana Hilton Pinkerton	Ames, Iowa
** Katlyn Ann Carlson	Ankeny, Iowa	Management Information Systems and Business	
Management and Entrepreneurship		Analytics	
Colby Dale Christensen	Carroll, Iowa	Jaden Elizabeth Reed	Burlington, Iowa
Management and Marketing		Marketing and Liberal Arts and Sciences: Major	
Annie Maureen Egan	Frankfort, Ill.	in Advertising	
Finance and Marketing		*** Jack Norbert Snyder	Ames, Iowa
*** Ryan Alexander Ellsworth	Johnston, Iowa	Supply Chain Management and Management	
Accounting and Finance		Information Systems	
*** Nicholas Dean Engle	Ames, Iowa	** Jesse Richard Soma	Dunlap, Iowa
Accounting and Management Information		Management and Entrepreneurship	
Systems		Peter Bouchan Sphongsai	Altoona, Iowa
Olivia Nadine Fischer	Altoona, Iowa	Human Resource Management and Management	
Marketing and International Business		Information Systems	
Fanuel John Fry	Osceola, Iowa	*** Laura Elizabeth Sweeney	Carroll, Iowa
Finance and Management		Marketing and Management	
Joshua Michael Hecht	Tinley Park, Ill.	* Kolben H. Thompson	Pleasanton, Calif.
Accounting and Finance		Business Economics and Business Analytics	
Noah Anthony Hichborn	Bettendorf, Iowa	Asle Charles Thorson	Fort Dodge, Iowa
Supply Chain Management and Management		Entrepreneurship and Supply Chain Management	
Will August Hitchler	Baxter, Iowa	** Hunter Grant Tretter	Woodbury, Minn.
Business Analytics and Supply Chain		Accounting and Finance	
Management		*** Michael J. Vonnahme	Pocahontas, Iowa
** Brittany Johnson	Remsen, Iowa	Finance and Agricultural Business	
Management Information Systems and Supply		Lauren Faye Wiskus	Dedham, Iowa
Chain Management		Marketing and Entrepreneurship	
Natalie Chen Jing Khor	Ames, Iowa	Mikaley Zierke	Swisher, Iowa
Marketing and Entrepreneurship		Management and International Business	



# CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

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## BACHELOR OF ARCHITECTURE

---

### Curriculum in Architecture

---

* Katlyn M. Aikin	Marshalltown, Iowa	* Gianni Gambucci	Eden Prairie, Minn.
**† Fatemah M. A. M. Almahmeed	Ames, Iowa	**† Khushi Jain	Plainsboro Township, N.J.
** Gianna Bellizzi	Cumming, Iowa	* Zina Ann Kaissi	Ames, Iowa
* Ashley Phommavanh Boun	Des Moines, Iowa	**† Kianna Rose Lechtenberg	Centerville, Iowa
* Drew T. Carroll	Apple Valley, Minn.		

### Multiple Curricula and Majors

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*† Kristen Ann Peka	Shakopee, Minn.
Architecture and Liberal Arts and Sciences: Major in Environmental Studies	

## BACHELOR OF ARTS

---

### Curriculum in Art and Design

---

Sophia G. Barbari	Chanhassen, Minn.	Lily Mercural	Sioux City, Iowa
* Katherine Elizabeth Bartig	Houlton, Wis.		

## BACHELOR OF FINE ARTS

---

### Curriculum in Graphic Design

---

* Gabriele Nauli Basa	Glen Ellyn, Ill.	Jessica Lee Koch	St. Paul, Minn.
Emily Elizabeth Hickson	Branchburg, N.J.	Taylor A. Noe	Huxley, Iowa

### Curriculum in Integrated Studio Arts

---

Tristan A. Doehne	Monroe, Iowa	* Evan Dean Shortt	Winterset, Iowa
Devon P. Friederichs	Ames, Iowa		

# BACHELOR OF INDUSTRIAL DESIGN

---

## Curriculum in Industrial Design

---

** Andrew Michael Borrett	<i>Center Point, Iowa</i>	Huaxin Lian	<i>Ames, Iowa</i>
*** Colleen Nicole Cagle	<i>Chillicothe, Ill.</i>	Daniel M. Rossi	<i>Ames, Iowa</i>
Theophilus E. Kinyea	<i>Des Moines, Iowa</i>	John Paul Sedler	<i>Ames, Iowa</i>
** Jenn Le	<i>West Des Moines, Iowa</i>		

# BACHELOR OF SCIENCE

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## Curriculum in Community and Regional Planning

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** Nicholas Alexander	<i>Urbandale, Iowa</i>	Jack Henry Miller	<i>Indianola, Iowa</i>
* Alexander Aaron Anderson	<i>Jacksonville, Fla.</i>	* Lindsey Paige Wilson	<i>Windsor, Colo.</i>



# CANDIDATES FOR DEGREES FROM THE COLLEGE OF ENGINEERING

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## BACHELOR OF SCIENCE

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### Curriculum in Aerospace Engineering

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Tilal M. Abdeldafi	Ames, Iowa	* Benjamin Arthur Marmaras	Forest City, Iowa
Abdullah Saeed Alamoudi		* Gerald A. McCarrick	Clifton, N.J.
*† Ashley Kaye Behrendt	Boone, Iowa	*** Michael John Miller	Dubuque, Iowa
** Annabelle Lee Behrens	North Aurora, Ill.	* Ellie E. Mittauer	Iowa City, Iowa
Joseph Michael Beresheim	Highland Park, Ill.	* Kaitlin Anne Nathe	Ham Lake, Minn.
Colin Boyle	Tipton, Iowa	William Frederick Ogden	Ames, Iowa
Nicole Carina Buhr	Hawthorne, Calif.	* Philip Robert Paschka	Boone, Iowa
Sam James Burchett	Ames, Iowa	Seth Allen Paulson	Marion, Iowa
Jacob Kyle Carlson	Lockport, Ill.	Tristan Guy Pelkey	Holt, Mo.
** Edward Chumbley	Boone, Iowa	Hrutvi Navnath Pelnekar	Ames, Iowa
Lauren d'Albertis	Prior Lake, Minn.	Justin T. Pope	Underwood, Iowa
*** Emilee Grace Evans	Greenwood, Mo.	Jonathan I. Raymundo	Storm Lake, Iowa
James Edward Frantz	New Carlisle, Ohio	Pranav Regunath	Naperville, Ill.
Henry Gibbins	Des Moines, Iowa	Mohammed Bilal Riaz	Mundelein, Ill.
** Daniel James Graunke	Lake Zurich, Ill.	** Blake Lincoln Schulte	Fairfax, Iowa
*** Declan Connor Green	Cedar Rapids, Iowa	Wesley Alexander Sebetka	Toledo, Iowa
Nolan Hendrickson	Shellsburg, Iowa	Mehmet Bedirhan Sefer	Ames, Iowa
** Ricardo Jaime Herrera	Algonquin, Ill.	*** Logan Shelby	Ireton, Iowa
Ann-Marie Jean Hummel	Ames, Iowa	Cade Austin Shramek	Amana, Iowa
Michael Alan Jacks Jr.	Ames, Iowa	Ryan David Sloan	Marion, Iowa
Moksh N. Jani	Roselle, Ill.	Mitchell William Strobbe	Bettendorf, Iowa
** Nicholas Parker Johnson	Davenport, Iowa	* Zachary Steven Tipler	St. Paul, Minn.
* Wyatt T. Kacmarynski	Urbandale, Iowa	Burke Michael Weber	Brandon, S. Dak.
Casey James Kolbeck	Webster City, Iowa	Anthony Augustus Werner	St. Paul, Minn.
*** Ryan Anthony Ledet	Huxley, Iowa	Logan Gehrig Wessel	Ankeny, Iowa
Dana Ann Love	Hoffman Estates, Ill.	Emily Ann White	Geneva, Ill.
** Mason Lane Lubben	Delhi, Iowa	James Arthur White	Portland, Oreg.
Paul David Malenke	Maple Grove, Minn.	Kyle Joseph Younge	Ames, Iowa
Kanan Mammadhuseynov	Ames, Iowa		

### Curriculum in Agricultural Engineering

---

David Andrew King	Overland Park, Kans.	* Mateo Felipe Rubel	Ames, Iowa
Ty Luedtke	Chariton, Iowa	** James L. Stultz	Ainsworth, Iowa
Hunter A. Martin	Owatonna, Minn.		

### Curriculum in Biological Systems Engineering

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Roxanna Arreola	Cedar Falls, Iowa	Flora Kafunda	Ames, Iowa
John Vito Beasley	La Grange Highlands, Ill.	Carter James McCann	Osceola, Iowa
Jennifer Culver	Ottumwa, Iowa	William Donald Strouf	West Des Moines, Iowa
* Ethan Scott Ellis	Urbandale, Iowa	Ava Louise Swanson	Kittanning, Pa.
** Bethany Jo Groos	Howard Lake, Minn.		

### Curriculum in Chemical Engineering

---

Joshua R. Andersen	Hiawatha, Iowa	* Nicholas Bennett	Fort Dodge, Iowa
Alexis Jordan Anderson	Des Moines, Iowa	Jennifer Elizabeth Bruner	Bedford, Tex.
Bridgette Esther Andrews	Johnston, Iowa	Jocelyn Burns	Sioux City, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

Andrew Thomas Cole	Chanhassen, Minn.	Anthony Michael Mannuzza	Crystal Lake, Ill.
Gavin Gregory Copeland	Ames, Iowa	* Anna Chun Bo Meerschaert	Libertyville, Ill.
Ryan Reece Delange	Colorado Springs, Colo.	* Addisen Kathleen Mehrstens	Roland, Iowa
*** Robert Thomas Downs	Ham Lake, Minn.	Ruth Zawadi Morabu	Kajiado, Kenya
Aaron Duan	Plymouth, Minn.	Adriana Virginia Patino	Lemont, Ill.
Dallen Hecker	Waukee, Iowa	Lucas Robert Ramey	Cottage Grove, Minn.
Joshua Curtis Holiday	Grimes, Iowa	Dejuan K. Roberson	Cincinnati, Ohio
* Kaitlyn Christine Holtz	Lakeville, Minn.	Matthew Isaac Robinson	La Salle, Ill.
*** Mitchell James Hooker	Wayland, Mich.	* Aislin Sim	Ames, Iowa
*** Vanessa Marie Hupp	Wever, Iowa	** Lauren Louise Stauffer	Edina, Minn.
** Holly Angela Jacobs	Milan, Ill.	*** Ee Jie Tai	Petaling Jaya, Malaysia
* Lihann J. Joseph Jok	Ames, Iowa	* Zhao Ren Tan	Des Moines, Iowa
Madison I. Karamagianis	Johnsburg, Ill.	** Derrick Alexander Thompson	Peyton, Colo.
Kenneth Kirkpatrick	Washington, Ill.	Pietro Vannini	Montevarchi, Italy
Neil Liang	Clive, Iowa		

### Curriculum in Civil Engineering

*** Joseph David Ahlers	Ames, Iowa	Sean Patrick Peters	Andover, Minn.
Sean Austin Christl	Ames, Iowa	Nga Reh	Waterloo, Iowa
Connor James Conlin	Cascade, Iowa	Logan L. Schaedel	Lake Zurich, Ill.
Sydney Faerber	Libertyville, Ill.	Maria Denise Schiffer	Elgin, Ill.
* Zachary Michael Kahle	Dubuque, Iowa	Isaac Paul Schonert	Ames, Iowa
Maximo Kellogg	Highland Park, Ill.	Blake Allen Skjeie	Forest City, Iowa
Adam Jacob Knudsen	Swisher, Iowa	* Luke Joseph Smalley	Chatham, Ill.
** Anthony Jacob Langel	North Liberty, Iowa	Mason Patrick Wattleworth	Lake Villa, Ill.
Nima Masoumi	Germantown, Md.	Connor LeRoy Wilford	Oskaloosa, Iowa
Garrett Mark McCall	Shakopee, Minn.	Keith Wilwert	Sequim, Wash.
** Sarah B. Mumm	Carlisle, Iowa	Cassidy A. Wolf	Omaha, Neb.
John Pancini	Mt. Prospect, Ill.	Wyatt Tate Wunschel	Ida Grove, Iowa

### Curriculum in Computer Engineering

Taylor Barnhart	Ames, Iowa	Cameron F. Jones	Cary, Ill.
Alexander Peter Bashara	Elkhorn, Neb.	Haris Khan	Oak Brook, Ill.
Alex Lynn Brown	Madrid, Iowa	** Anthony J. Manschula	Wonder Lake, Ill.
Nathan P. Cook	Coon Rapids, Minn.	Christy S. Mettry	Forest City, Iowa
Ryan Cook	Cedar Rapids, Iowa	Vaughn J. Miller	Des Moines, Iowa
Joshua J. Czarniak	Schaumburg, Ill.	* Muralikrishna Patibandla	Bangalore, India
*** Kevin Joseph Dickey	Bloomington, Ill.	Jackson Phillips	Greenfield, Minn.
Nicholas Doty	Peoria, Ill.	** Mara G. Prochaska	Plymouth, Minn.
Evan Ricke Dunn	Ames, Iowa	Alexander Evan Somers	Atlantic, Iowa
Julia Lee Falat	Carpentersville, Ill.	* Deniz Tazegul	Ames, Iowa
Aaron Daniel Gienger	Ames, Iowa	** Justin William Wenzel	Camanche, Iowa
Blake Scott Hardy	Ames, Iowa	*** Katie Wolf	Cedar Rapids, Iowa
Anna Marie Huggins	Cedar Rapids, Iowa	Jihun James Yoon	Ames, Iowa
Liam Broderick Janda	Peoria, Ill.	Nihaal Koyakunju Zaheer	Ames, Iowa

### Curriculum in Construction Engineering

Aaron Brown	Ames, Iowa	Nate Molde	Council Bluffs, Iowa
Shawn Keegan Gregory	Naperville, Ill.	Seth Richard Shindelar	Decorah, Iowa
Parker Stephen Haro	Lisbon, Iowa	Evan Gregory Smith	Urbandale, Iowa
Nathan Carl Herting	Columbia, Mo.	* Anthony Michael Stogdill	Shenandoah, Iowa
Christopher J. Hollingshed	Ames, Iowa	Ben Michael Tibken	Anita, Iowa
Joseph Douglas Hovick	Story City, Iowa	Vinsente Tran	Davenport, Iowa
Caleb Ryan Kingery	Underwood, Iowa	Mary Beth Westercamp	Ames, Iowa
Brandon A. Klink	Cedar Rapids, Iowa		

## Curriculum in Cyber Security Engineering

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Ethan Taylor Douglass	Clive, Iowa	Derek Carl Lengemann	Ames, Iowa
* Kai Heng Gan	Shah Alam, Malaysia	Charlie Millar	Chillicothe, Ill.
Sri Charan Gurramkonda	Shakopee, Minn.	William S. Nash	Bettendorf, Iowa
Brayden Allen Lamb	Chillicothe, Ill.	** Tyler Scott Orman	Waverly, Iowa
Caleb Maurice Lemmons	Ames, Iowa	Mubassir Serneabat Sudipto	Ames, Iowa

## Curriculum in Electrical Engineering

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* Branden Lloyd Buhler	Huntsville, Ala.	Joey M. Kremer	Blue Grass, Iowa
** Henry Edward Chamberlain	Prairie Village, Kans.	Julia Kroeper	Vienna, Va.
George Cleaver	Kingwood, Tex.	** Ritwesh A. Kumar	Ames, Iowa
Joseph Dicklin	Ames, Iowa	James Howard Mendenhall	Salix, Iowa
Mitchell D. Driscoll	Keota, Iowa	Gage Austin Moorman	Mystic, Iowa
** Sarah Nicole Ebert	Arlington Heights, Ill.	Patrick K. Musoy	Coralville, Iowa
Derek Elkins	Naperville, Ill.	**† Chase M. O'Connell	Urbandale, Iowa
Samuel Antonio Estrada	Marshalltown, Iowa	*** Anders Ewald Peterson	Ankeny, Iowa
Justin Robert Garden	Ames, Iowa	Mackenzie Frances Ray	Altoona, Iowa
Oksana Petrovna Grudanov	Otsego, Minn.	*** Kennedy Reiling	West Des Moines, Iowa
* Ethan T. Haberer	Ogden, Iowa	* Adam C. Shoberg	Circle Pines, Minn.
Anthony Paul Haberkorn	Bettendorf, Iowa	Alec Quinlan Sutton	Nevada, Iowa
Emma Ruth Heithoff	Ames, Iowa	** Nathan James Tegeler	Des Moines, Iowa
Keve Jodayne Hughes	St. Peters, St. Kitts and Nevis	Michael Randy Thomas	Albia, Iowa
Michael Timothy Hurley	Maple Grove, Minn.	*** Nathan Christopher Thoms	Camanche, Iowa
** Drew Anton Jensen	Ames, Iowa	Cullen H. White	
* Taylor Ann Johnson	Rosemount, Minn.	Brian C. Witherspoon	Clinton, Iowa
** Cayden R. Kelley	Nora Springs, Iowa	Jason Gadzoen Xie	Ames, Iowa
** Konnor Duke Kivimagi	Chatfield, Minn.		

## Curriculum in Environmental Engineering

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Edson Kaleb Lopez	Rogers, Ark.	Walker Owen Wodarz	North Barrington, Ill.
Connor James Payne	Lino Lakes, Minn.		

## Curriculum in Industrial Engineering

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**† Kara Elizabeth Albrecht	Le Mars, Iowa	Ashley Jean Larson	River Falls, Wis.
Mohamed Alaaeldin Bashier		Matthew Loucks	Crystal Lake, Ill.
* Rayanne Brackey	Bettendorf, Iowa	Abigale Rose Modesette	Ames, Iowa
*** Lochlan Collins	Whitefish, Mont.	*** Braden Michael Petree	Mason City, Iowa
* Michael John DeCook	Lakeville, Minn.	Paiton Pumroy	Cedar Rapids, Iowa
Tatum Jo Englund	Marshalltown, Iowa	*** Justin Micah Reed	St. Charles, Ill.
Zechariah Guy	Eldridge, Iowa	Daniel Eduardo Rivera	Ames, Iowa
** Mason Jensen	Ankeny, Iowa	Seth Michael Stamp	Rockwell City, Iowa
Maria A. Koultourides	Naperville, Ill.	Sydney Wetlaufer	St. Joseph, Mo.
Vansh Kumar	South Elgin, Ill.		

## Curriculum in Materials Engineering

---

Khalid Mohammed Alnashri	Ames, Iowa	Ian Michael Flahive	Albia, Iowa
* Jack David Borts	Ames, Iowa	Luke Evan Gaydos	Davenport, Iowa
Roger Steven Claude	Ankeny, Iowa	Nathaniel Raymond Paul Reynolds	Ankeny, Iowa
** Erin Edith Cleary	Sioux City, Iowa		

## Curriculum in Mechanical Engineering

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Graham Robert Allison	Mackinaw, Ill.	Kah Hoe Chow	Ames, Iowa
*** Seth Atkinson	Kansas City, Mo.	Austin John Christen	Marshalltown, Iowa
Ashton Marcus Baker	Mattoon, Ill.	Jason Alan Christensen	Crystal Lake, Ill.
** Quinn Carnish	Bloomington, Minn.	** Mason Richard Cisneros	Ankeny, Iowa
Kamrin Drayke Chizek	Marshalltown, Iowa	Aidan Conlan	Des Moines, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

Joseph M. Crosgrove	Ames, Iowa	Carter John Miller	Des Moines, Iowa
** Kent Joseph Debaene	Ames, Iowa	*** Danielle Judith Mullen	Ballwin, Mo.
* Jonah M. DeRoos	Sioux City, Iowa	Jackson Tyler Mullin	Atlantic, Iowa
Jadon Kaleb Donabauer	St. Cloud, Minn.	Jake William Nelson	Farmington, Minn.
Blake Donlon	Decorah, Iowa	Isaac Christopher Nichols	Muscatine, Iowa
Nathan John Drahos	Cedar Rapids, Iowa	Thomas Norenberg	Modesto, Calif.
Maxwell J. Drancik	Elburn, Ill.	* Mary B. Olesberg	Ames, Iowa
* Griffin Ellis	Ames, Iowa	Christopher G. Palacios	Ankeny, Iowa
** Gage A. Emlen	Goodfield, Ill.	Jacob Christopher Park	Ames, Iowa
Isabelle L. Erickson	Tecumseh, Kans.	Michael J. Partoll	Elburn, Ill.
***† Adam John Everhardt	Waverly, Iowa	*** Nathan Matthew Patel	Ames, Iowa
*** Nathan Harold Faivre	Davenport, Iowa	Soren Christian Peterson	Sioux City, Iowa
* Brian Christopher Forret	Calamus, Iowa	** Katie Lynn Piampiano	Brooklyn Park, Minn.
Alex C. Geisert	Liberty, Mo.	Gelvinn Eusebio Pluas	Ames, Iowa
Kyle J. Gilbert	Eden Prairie, Minn.	Carson R. Propst	Plattsmouth, Neb.
Dalton Ray Hall	Maple Grove, Minn.	Ethan John Raid	Cedar Rapids, Iowa
Katharine Halstrum	Winterset, Iowa	*** Anna Jean Raney	White Bear Lake, Minn.
Tavian Dane Harrington	Cannon Falls, Minn.	Brandon Christian Reed	Joliet, Ill.
Sean Matthew Harris	Marion, Iowa	Jordan Lee Reising	Forest Hill, Md.
* Alex Hoglund	Lino Lakes, Minn.	* Owen Louis Rhodes	Littleton, Colo.
Tate Michael Hogrefe	Le Mars, Iowa	Kate O'Connor Ryan	Mahtomedi, Minn.
Adam Joseph Holesha	Oak Lawn, Ill.	Nicholas Joseph Saltamachio	Albertville, Minn.
Connor Patrick Hollarbush	North Aurora, Ill.	Steven Joseph Schmidt	Sturgeon Bay, Wis.
Paull John Jeev	Ames, Iowa	Evan Schneider	Trimble, Mo.
* Anthony P. Kathol	Sioux City, Iowa	David Alan Schouten	Pella, Iowa
Caleb Mark Kilby	Independence, Iowa	*** Alex Frederick Schweer	Cedar Rapids, Iowa
Colton M. Kingery	Newton, Iowa	Heemin Seo	Incheon, South Korea
Emma Klose	Cedar Falls, Iowa	*** Collin Reed Sevigny	Loretto, Minn.
Alexander David Kovar	Ames, Iowa	Jin Yang Soh	Ames, Iowa
* Joshua Theodore Kramp	Streamwood, Ill.	** Mitchell J. Stavenau	La Crescent, Minn.
Sophia L'Ecuyer	St. Charles, Mo.	** Daniel Bamihias Stutz	Leawood, Kans.
** Kalista Danielle Leners	Ames, Iowa	* Garrett Thomas	Eureka, Ill.
Tianyou Li	Ames, Iowa	Nathan David Tkach	Tinley Park, Ill.
Vincent J. Llanes	Downers Grove, Ill.	Carson Thomas Trammell	Polo, Mo.
* Jared Long	Ankeny, Iowa	*** Chase Trigg	Hawarden, Iowa
Brenda Angelika Lora	Ankeny, Iowa	Aiden Trimble	Fort Dodge, Iowa
* Mitchell James Lutz		Braden Henry Wakefield	Sioux Falls, S. Dak.
* Brendan William McBride	Woodbury, Minn.	* Bradley E. Walz	Huntley, Ill.
* Ryan James McFadden	Ames, Iowa	Jon D. Warren	Forest City, Iowa
Jason Nathaniel Melnick	Skokie, Ill.	Paul Wilhelm	Arlington Heights, Ill.
Hiruni Dilanga Mendis	Colombo, Sri Lanka	*** Kyle Witte	West Des Moines, Iowa
Caden Joseph Mentzer	Alden, Iowa	Nicholas Andrew Young	Chicago, Ill.
* Christopher Edward Merica	Edwardsville, Ill.	* Jason Todd Zahnle	Hayfield, Minn.
Casey Gene Michelson	Brewster, Minn.	Luke Donald Zillig	Woodbury, Minn.

## Curriculum in Software Engineering

*** Derek Brandt	Waverly, Iowa	Nikhil Venkata Kuricheti	Bloomington, Ill.
Holden Andrew Brown	Ames, Iowa	Andrew McMahon	Algonquin, Ill.
Braden Dean Buckalew	Winterset, Iowa	Eleen Mohd	Waukegan, Iowa
Santiago Andres Campoverde	Guayaquil, Ecuador	Tin Quang Ngo	Urbandale, Iowa
* Greg Carter	Bloomington, Ill.	Endi Odobasic	Cedar Falls, Iowa
William Allen Clemmons	Des Moines, Iowa	* Jacob Paustian	Grimes, Iowa
** Reid Thomas Coates	Marion, Iowa	Will Goddard Postler	Ames, Iowa
*** Conner Ray Cook	Decorah, Iowa	*** Aryan Rao	Ames, Iowa
Christian Matthew Deam	Garwin, Iowa	Israel Sanchez-Tellez	Marshalltown, Iowa
James Kelly Driskell	Ames, Iowa	*** Evan P. Schlarmann	Worthington, Iowa
* Joshua F. Dutchik	Iowa City, Iowa	Chiran Subedi	Des Moines, Iowa
* Alexander S. Hassan	Eldora, Iowa	* Chandrashekar Tirunagiri	Ames, Iowa
Danh Cong Hoang	Des Moines, Iowa	Nicholas Joseph Toothaker	St. Joseph, Mo.
Piper L. Ideker	Marion, Iowa	Lisa Helen Tordai	Earlville, Ill.
Jack Kelley	Grundy Center, Iowa	*† Nicholas M. Vazquez	Wheatland, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

## Multiple Curricula and Majors

---

**\*\*† John Titus William Barnett** *Richland, Wash.*  
Materials Engineering and Liberal Arts and  
Sciences: Major in Mathematics

**Grant DeWaay** *West Des Moines, Iowa*  
Software Engineering and Interdisciplinary  
Design

**Octavia Grimes** *Bayside, Wis.*  
Industrial Engineering and Liberal Arts and  
Sciences: Major in World Languages and Cultures  
(German)

**\*\* Nicholas Otto** *Mahtomedi, Minn.*  
Software Engineering and Liberal Arts and  
Sciences: Major in Mathematics

**Darsh Yogeshkumar Patel** *Ames, Iowa*  
Chemical Engineering and Liberal Arts and  
Sciences: Major in Economics

**Andrew Thomas Wilken** *Huxley, Iowa*  
Computer Engineering and Business: Major in  
Finance



# CANDIDATES FOR DEGREES FROM THE COLLEGE OF HEALTH AND HUMAN SCIENCES

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## BACHELOR OF SCIENCE

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### Curriculum in Apparel, Merchandising, and Design

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Brindy Arredondo	Waukee, Iowa	*** Camryn Mosty	Cedar Rapids, Iowa
* Nguyetanh T. Deo	Des Moines, Iowa	Brandie Paye	
* Kylie R. Greenwood	Council Bluffs, Iowa	** Natalie Rhodes	Madison, Wis.
* Keili Brooke Holt	Aurora, Ill.	Lydia Rogers	Ames, Iowa
Sangjo Jeong	Gunsan, South Korea	****† Danielle Rothman	Ames, Iowa
Maxim Cruz Martin	Ankeny, Iowa	Yueyan Zhang	South Hamilton, Mass.

### Curriculum in Culinary Food Science

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\*\*\*\*† Christabel E. Forney Ames, Iowa

### Curriculum in Elementary Education

---

* Jordan Lynn Anderson	Norwalk, Iowa	*** Paige Lentsch	Polk City, Iowa
** Jetrin S. Baccam	Des Moines, Iowa	* Rylee Rae Leshen	Albia, Iowa
Madison Biery	Ankeny, Iowa	Caden Thomas Maher	Norwalk, Iowa
** Alison E. Boeckmann	Lowden, Iowa	*** Marlie Rae McDonald	Winterset, Iowa
** Abby Rachel Bolson	Decorah, Iowa	* Marissa Noel McErlean	Hampshire, Ill.
* Aimee Elizabeth Buck	Muscatine, Iowa	Taylor McKinney	Webster City, Iowa
Holly Crystal Cam	Des Moines, Iowa	Molly Elizabeth McNeal	Des Moines, Iowa
** Shaylin Carlson	Cherokee, Iowa	Caitlin Mahayla Muhlbauer	Manilla, Iowa
*** Phoebe Jie En Chong	Kuala Lumpur, Malaysia	** Hannah Elizabeth Costello Nielson	Boone, Iowa
** Chloe Scott Clauson	Boone, Iowa	Laurel Rebecca Noreuil	Verona, Wis.
*** Cayla G. Curtis	Grimes, Iowa	* Katie Una Patterson	West Des Moines, Iowa
Olivia Nicole Dau	Ames, Iowa	Lauren K. Penne	Altoona, Iowa
Jordan DeRoos	Dallas Center, Iowa	** Kady A. Pfeifer	Center Point, Iowa
*** Kennedi Grace Dyro	Lenexa, Kans.	** Peyton Pfiffner	Atkins, Iowa
** Kayla Bernadine Edwards	Winfield, Iowa	** Sydney Nicole Rainey	West Des Moines, Iowa
*** Joscelyn Claire Farner	Ames, Iowa	** Megan Elizabeth Ries	North Liberty, Iowa
*** Tori Lee Fogarty	West Bend, Iowa	* Lexi Marie Schmidt	Altoona, Iowa
Callie Lynn Gillett	Council Bluffs, Iowa	*** Ella Jo Speich	West Fargo, N. Dak.
Endina Havic	West Des Moines, Iowa	*** Nicole Stanley	Sugar Grove, Ill.
*** Nile O. Horak	Dallas Center, Iowa	* Madeline Steiner	Indianola, Iowa
* Amari Ingram	Mason City, Iowa	** Kaylee Lynn Storjohann	Marshalltown, Iowa
*** Emma R. Ingram	Indianola, Iowa	** Natalie Jane Sueppel	Ames, Iowa
Rana L. Janes	Alden, Iowa	** Tristan Noel Tuttle	Hugo, Minn.
*** Natalie Ann Kirstein	Clarion, Iowa	*** Hannah Joy Wigdahl	Ames, Iowa
*** Elena Kreutzer	Bloomington, Minn.		

### Curriculum in Event Management

---

** Laura Brockhoff	Harlan, Iowa	Leah Marie Kasch	Webster City, Iowa
** Olivia Ann Caron	Williamsburg, Iowa	*** Rachel Kaut	Pleasant Hill, Iowa
Jeremy Craig Cohen	Naperville, Ill.	Arley Beth Landau	Wheeling, Ill.
** Jazmine Edwards	Spencer, Iowa	Tiffany Norman	Christiansburg, Va.
Sarah Catherine Frickx	Oak Park, Ill.	Bryn Riley Rasner	Hendersonville, Tenn.
Jimena Gomez	West Des Moines, Iowa	*** Rylee Sash	La Porte City, Iowa
* Morgan Fynn Hansen	Moville, Iowa	*** Ashley Yovanoff	Greenwood, Ind.
** Addisynn Faith Hensley	Galesburg, Ill.		

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

## Curriculum in Family and Consumer Science Education and Studies

---

*** Abby Allmon Jessica Rae Chalupa	Bellevue, Neb. Blue Grass, Iowa	*** Lily Nelson Hoskins Emma Poppe	Fairfield, Iowa Waverly, Iowa
*** Alexandra Lynn Day	Cedar Rapids, Iowa	*** Emily Kay Sellner	Ames, Iowa
*** Hannah Hale	Altoona, Iowa		

## Curriculum in Financial Counseling and Planning

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** Samantha Taylor Bolles	St. Charles, Iowa	Hugh O'Donnell	Naperville, Ill.
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## Curriculum in Hospitality Management

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***† Gabriela Aponte Sosa	Ames, Iowa	Reagan Kay Petersen	Ames, Iowa
** Lillian M. Fox	Lakeville, Minn.	* Luke Andrew Saucedo	Ames, Iowa
* Michelle Na	Ames, Iowa	*** Flor de Maria Zepeda	Ankeny, Iowa
* Melanie Nhu Ngo	Hồ Chí Minh, Vietnam		

## Curriculum in Human Development and Family Studies

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* Kylie D. Angell	Jefferson, Iowa	*** Olivia Grace Kornis	Pella, Iowa
Claire Denise Copper	Humboldt, Iowa	** Tatum M. Lillibridge	Ames, Iowa
* Hector A. De La Cruz	Marshalltown, Iowa	*** Abigail M. Zimmer	Polk City, Iowa
Kain Elijah Fox	Ankeny, Iowa		

## Curriculum in Kinesiology and Health

---

Jonathan Acevedo	Des Moines, Iowa	* Kiana Kaftousian	Frisco, Tex.
Bradley James Andrews	Charles City, Iowa	*** Julianna M. Kuzniar	Hanover, Ill.
Jonathan O. Babayode	Ames, Iowa	* Miranda Sue Lingle	Manilla, Iowa
Olivia J. Bell	Fort Dodge, Iowa	** Caitlin Donella Maher	Huxley, Iowa
*** Bree Cathleen Beyer	Mitchellville, Iowa	Natalie C. Meyers	Yorkville, Ill.
Tara Lynn Bierdz	Port Barrington, Ill.	* Brock Matthew Moore	Cumming, Iowa
* Margaret Clare Braniff	Tekamah, Neb.	*** Edin Muminovic	Waukee, Iowa
Cline Russell Clarkson	Altoona, Iowa	Curtis William Palmer	Creston, Iowa
* Denali Elizabeth Conover	Lynnville, Iowa	*** Jacquelyn Grace Paul	Ames, Iowa
* Kandice Colleen Danner	Syracuse, Neb.	** Carter David Reddel	Ankeny, Iowa
Evelyn R. De Boer	Urbandale, Iowa	Cate Anne Roth	Mt. Pleasant, Iowa
Lauren Donnelly	Clive, Iowa	*** Benjamin Rudolph	Ames, Iowa
** Alyxandra Johanna Doughty	Plainview, Minn.	* Emily Ann Ryan	Clafsin, Kans.
*** Lauren I. England	Johnston, Iowa	Katelyn E. Scharlau	Granger, Iowa
Chloe Dayn Falkena	Harlan, Iowa	Karissa Hailey Stephenson	Lohrville, Iowa
* Anum N. Firoz	Ames, Iowa	* Jacob R. Sterling	Johnston, Iowa
Joana Wendy Gomez	Denison, Iowa	Jessica Temperly	Dubuque, Iowa
Sydney Joann Hartsock	Creston, Iowa	Katelyn Ann Thomas	Waterloo, Iowa
** Morgan Denay Haughey	Tama, Iowa	** Katlynn Elizabeth Tucker	Sioux City, Iowa
Nathan C. Heckart	Norwalk, Iowa	*** Megan Renee Tullis	Burnsville, Minn.
Lauren Nicole Hines	Overland, Mo.	Hannah Lee Weid	Hudson, Wis.
*** Alissa Noelle Hoover	Boone, Iowa	Carter Wessel	Denison, Iowa
** Cassidy Horn	West Des Moines, Iowa	Kelsey Ann Widlund	Manson, Iowa
** Korinne Elizabeth Jansen	Kellogg, Iowa	Noah David John Yets	Bettendorf, Iowa
William Henry Judge	Boone, Iowa		

## Curriculum in Nutritional Science

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* Nicholas Dicklin	Ankeny, Iowa	Brinkley L. Pollak	Altoona, Iowa
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## Multiple Curricula and Majors

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Brianna Jorgensen  
Kinesiology and Health and Liberal Arts and  
Sciences: Major in Psychology

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

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

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## BACHELOR OF ARTS

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### Major in Advertising

---

** Emma Elizabeth Bryan	Waukee, Iowa	Angelina M. Silva	West Des Moines, Iowa
* Grace Hoffhines	Bloomington, Minn.	Madeline N. Turpin	Waukee, Iowa
Gabrielle M. Hulsing	West Des Moines, Iowa	*** Natalie Jo Weber	Ames, Iowa
Isabel Monaco	Waukee, Iowa		

### Major in Anthropology

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Stephen Mattingly	Ames, Iowa
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### Major in Biological/Pre-Medical Illustration

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Emma Hoover-Grinde	Cedar Rapids, Iowa	Maxine Grace Weldon	Ames, Iowa
Katie Mary Ann Valkosky	Decorah, Iowa	* Ching Kwan Yeung	Ames, Iowa

### Major in Communication Studies

---

Bryce Steven Allen	Clarion, Iowa	Jaylon Ja shun Jackson	Burleson, Tex.
* Morgan Y. Bartholomew	Des Moines, Iowa	Cody Lee Lampman	Tabor, Iowa
Josie Lyn Christianson	Ankeny, Iowa	Jaylin Alexander Noel	Ames, Iowa
*** Isabella Maxine Eipert	Cedar Rapids, Iowa	Makynzie Maye Steffens	Atlantic, Iowa
** Isabella Herdliska	Fairfax, Iowa		

### Major in Computer Science

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Zara Rae Babinat	Ames, Iowa	Kareesa E. Reilly	Council Bluffs, Iowa
Jayden Clark Luse	Ankeny, Iowa		

### Major in Criminal Justice

---

Mason John Adkins	Council Bluffs, Iowa	Avery M. Keegan	Waukee, Iowa
Parker Dean Anderson	Carroll, Iowa	William James Kikel	Norwalk, Iowa
Garrett Carlson	Des Moines, Iowa	*** Bailey Grace Knouse	Pella, Iowa
Jaelynn Justice Ernst	Tiffin, Iowa	* Cassidy Overbey	Grimes, Iowa
Cody M. Fisher	Madrid, Iowa	Dante M. Patterson	Ames, Iowa
* Gabriel Stan Frew	Pleasant Hill, Iowa	* Adela Pivonkova	Gainesville, Va.
** Delaney Lee Geddes	Hinton, Iowa	Nina Anne Schendel	Ames, Iowa
Nayeli Hernandez Lopez	Shakopee, Minn.	*** Josiah Schuelka	Ames, Iowa
Jack G. Hester	Bettendorf, Iowa	* Alexander Wennes	Alden, Iowa
* Emma Kathryn Jernigan	Marion, Iowa		

### Major in English

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Alaina Friesleben	Clarion, Iowa	Macie A. Murrane	Des Moines, Iowa
*** Connor Glenn Gauley	Pella, Iowa	Teagan Lea Wilcox	Ames, Iowa
Ryan J. Heller	Ankeny, Iowa		



## Major in Linguistics

---

** Rebekah Grace Epp	Ames, Iowa	*** Lena Vo	Des Moines, Iowa
** Leanna McAllister	Johnston, Iowa		

## Major in Music

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* Kenidy N. Moeller	Bondurant, Iowa	** Jaslyn Riherd	Marion, Iowa
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## Major in Performing Arts

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Macey Samantha Brackin	Ames, Iowa
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## Major in Political Science

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Carson Foglesong	Davenport, Iowa	*** Kaleb Zane Ross	Visalia, Calif.
Blake Gerard	Dewitt, Iowa	*** Josiah Schuelka	Ames, Iowa
Gabrielle Ann Owen	Nevada, Iowa	Adam Wheeler	West Des Moines, Iowa
** Ryan A. Renger	Rocklin, Calif.		

## Major in Psychology

---

Tenea Simone Alexander	Waukee, Iowa	*** Hailey Nicole Mickelson	Waukee, Iowa
Jason McClafferty Barrett	Ames, Iowa	Gracie Malvina Morin	Vinton, Iowa
Emily Grace Cin	St. Michael, Minn.	** Dj Daniel Myers	Deloit, Iowa
Lacie M. Dolan	Grimes, Iowa	Madison Myers	Ames, Iowa
*** Sydney Anne Eiklenborg	Greene, Iowa	* Jalen Marie Nelson	Knoxville, Iowa
Liam Elijah Ellis	Ames, Iowa	Faith Ann Rains	Norwalk, Iowa
Olivia L. Hahn	South Elgin, Ill.	Kathryn Jane Richards	Clive, Iowa
** Jade Iliff	Cedar Falls, Iowa	Elle Nicole Scarborough	Glenwood, Iowa
** Alexandria R. Klein	Carroll, Iowa	Morgan R. Stucky	Hinton, Iowa
Elizabeth Faith Rubke Kunze	Mitchellville, Iowa	** Arora Trudell	Huxley, Iowa
* Nicole LaRae McClain	Adel, Iowa	** Abigail R. Whitehead	Sidney, Iowa
Emma Elizabeth Michels	Randalia, Iowa	* Meagen Wistrom	Mosinee, Wis.

## Major in Sociology

---

Henry William Bauerle	Arlington Heights, Ill.	Aliya Grace Warth	Urbandale, Iowa
Skylar Rae Emunah	Des Moines, Iowa		

## Major in World Languages and Cultures (Spanish)

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Frances Loeffelholz	Ames, Iowa
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## Multiple Curricula and Majors

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*** Lydia Ann Bitterman	Cedar Rapids, Iowa	* Mackenzie Lynn Heiden	Ames, Iowa
Criminal Justice and Religious Studies		World Languages and Cultures (Spanish) and Education	
Makayla Bronson	North Liberty, Iowa	*** Nancy Joy Herschberger	Marion, Iowa
Criminal Justice and Psychology		World Languages and Cultures (French) and Education	
Brandon C. Coppinger	Davenport, Iowa	Tristen Heth	Ames, Iowa
English and Technical Communication		Political Science and International Studies	
* Syd Crowley	Ames, Iowa	*** Tessa Katelyn Hill	Cascade, Iowa
Criminal Justice and Linguistics		English and Technical Communication and World Languages and Cultures (Spanish)	
Emily Durbala	Urbandale, Iowa	** Jackie Rowe Kluesner	Peosta, Iowa
Political Science and Environmental Studies		English and Education	
Jaeda Leigh Gieser	Waterloo, Iowa		
Psychology and Sociology			

\* Cum Laude

\*\*\* Summa Cum Laude

\*\* Magna Cum Laude

† Honors Program

\*\* Paiven Knoot Oskaloosa, Iowa  
Criminal Justice and Psychology

\*\*\* Hannah Elizabeth Kruzich Roland, Iowa  
Criminal Justice and History

Kyra Dyann Lucas Flossmoor, Ill.  
Psychology and Criminal Justice

\*\* Violet Lillian Middlekauff Cedar Rapids, Iowa  
English and Technical Communication

Abigail Hope Nagel Ankeny, Iowa  
English and Technical Communication

Madison Omtvedt Woodbury, Minn.  
English and Education

\* Eleanor C. Pelletier Urbandale, Iowa  
Psychology and Political Science

\*\*\* Sarah Peterson Lake Mills, Iowa  
Communication Studies and International Studies

Merlin Meliza Romero Bonilla Grand Prairie, Tex.  
Criminal Justice and Psychology

\*\* Justus Scott Rude Ogden, Iowa  
Psychology and Political Science

Sydney LeeAnn Sherwood Iowa City, Iowa  
English and Education

Elijah A. Strong Indianola, Iowa  
English and Education

## BACHELOR OF LIBERAL STUDIES

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### Major in Liberal Studies

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Zeb Raymond Adams Phoenix, Ariz.

Isaiah M. Alston Egg Harbor Township, N.J.

Kennedy Anstine Altoona, Iowa

Dylan Patrick Barrett Ames, Iowa

Samantha Rose Bell Wildwood, Mo.

\* Sarah Anne Clawson Ankeny, Iowa

Nathan Couch Cedar Rapids, Iowa

Anthony Luis Echemendia Ames, Iowa

Patrick Michael Feeley Fort Cavazos, Tex.

\*\*\* Brandon James Kester Ames, Iowa

Katie Lott Ames, Iowa

Jeryn M. Danielle Loyd Jesup, Iowa

Brady Daniel Miller Silver City, Iowa

Wachie Altowan Peters Eules, Tex.

Zachary Redding Centereach, N.Y.

\*\*\* Wade William Siskow Ames, Iowa

\*\* Bailee Sorensen St. George, Utah

Isaiah R. Taylor Audubon, Iowa

Kysen Kalahikiola Joseph C. Terukina Ewa Beach, Hawaii

Juliet Grace Thompson Badger, Iowa

Malik Verdon Hamilton, Ohio

Emma G. Vojack Mankato, Minn.

## BACHELOR OF MUSIC

---

### Major in Music

---

\* Kimberly Jeanette Garcia Nevada, Iowa

\*\* Katherine Irene Mason Overland Park, Kans.

\*\* Seth Andrew Watgen Ankeny, Iowa

## BACHELOR OF SCIENCE

---

### Major in Bioinformatics and Computational Biology

---

Gwen Elizabeth Froehlich Ames, Iowa

### Major in Biology

---

Shelby Lynn Benoit Cleveland, Minn.

\*\*\* Kendall Michelle Bray Bloomington, Ill.

Abigail Ruth Burk Urbandale, Iowa

Macallyn Claire Cheever Lonsdale, Minn.

\*\*\* Josephine Lynn Cross Van Meter, Iowa

\*\*\* Hannah Kayleen Doup Ankeny, Iowa

\* Cum Laude

\*\*\* Summa Cum Laude

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Fall 2024 undergraduate degree candidates

\*\* Magna Cum Laude

† Honors Program

Parker James Hellgeth	Ames, Iowa	Isabelle Ann Policky	Guthrie Center, Iowa
* Katelyn Jurasek	Johnston, Iowa	* Alyssa R. Rouse	Dickens, Iowa
Rylee King	Ames, Iowa	Bryn Schultheis	Rhodes, Iowa
** Madeline Grace Kohl	Ankeny, Iowa	** Lauren Smid	Sycamore, Ill.
Michael Rohan Kumar	Morton, Ill.	Sloan Speten	West Des Moines, Iowa
** Jillian Dee Leiding	Ames, Iowa	** Olivia VanWaus	Victor, Iowa
*** Camila A. Medina Arias	Ames, Iowa	Breanna Rose Williams	Ankeny, Iowa
Jordan P. Niles	Elk Point, S. Dak.	*** Jada Blude Wilson	Champlin, Minn.

### Major in Chemistry

Hailee Carol Christensen	Ankeny, Iowa	*** Beth Kathleen Pealer	Cedar Rapids, Iowa
Nicole Gieser	Meridian, Idaho	Nicolas Richard Piscopo	Clear Lake, Iowa
** Ayah Gleisner	Ames, Iowa	* Josué Rodriguez	Ponce, Puerto Rico
Nicolas X. Gonzalez	Shorewood, Ill.		

### Major in Computer Science

Mohamed Ahmed Aradaib	Ames, Iowa	Yunjie Li	Ames, Iowa
Brady Refle Bargren	Moline, Ill.	Zitong Ling	Ames, Iowa
** Elijah Brady	Davenport, Iowa	Steven D. Marlowe	Naperville, Ill.
*** Blake Michael Bryan	Norwalk, Iowa	*** Cooper James McKee	Normal, Ill.
** Zachary Fleischman	West Des Moines, Iowa	** Abhi Sanjay Mehta	Oswego, Ill.
* Andrea Marisa Gamos	Peoria, Ariz.	Isaac Allen Meyers	Carroll, Iowa
Jagger Luke Gourley	Mediapolis, Iowa	**† Zeynep Oghan	Ankeny, Iowa
Mia I. Harang	Urbandale, Iowa	* Hunter Jack Overstake	Delmar, Iowa
Dino Kapic	Des Moines, Iowa	** Rodrigo Santamaria	Ames, Iowa
* Benjamin C. Kelly	Plymouth, Minn.	Kerwn Case Shaw	Creston, Iowa
Taewan Kim		* Jackson Andrew Smith	Scottsdale, Ariz.
** Anton Martin Kordick	Davenport, Iowa	Ethan Dean Still	Batavia, Ill.
*** Hrishiksha H. Kyathsandra	Troy, Mich.	David J. Szczepanik	Lake in the Hills, Ill.
Ryan Marshall Ledbetter	Elburn, Ill.	** Seth Andrew Watgen	Ankeny, Iowa
Nicholas M. Leppik	Minnetonka, Minn.	Chanho Yang	Seoul, South Korea
*** Ryan X. Leska	Inver Grove Heights, Minn.	Zeyu Yang	Mountain View, Calif.

### Major in Data Science

Taran Panduranga	Chanhausen, Minn.	Blake Underwood	West Des Moines, Iowa
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### Major in Economics

James Earl Francom	Ames, Iowa	** Adeline Meyer	St. Michael, Minn.
* Joel D. LaRue	Muscatine, Iowa		

### Major in Environmental Science

Morgan Deharde	Sussex, Wis.
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### Major in History

Clayton Lee Davis	Ames, Iowa	Layk Nollen	Roland, Iowa
Jonathan D. Gonzales	Des Moines, Iowa	Carsen Ronk	Council Bluffs, Iowa
Madison Ann Adair Lihs	Ames, Iowa	Carter Smith	Ankeny, Iowa
Mattison Jane Lin Lugar	Cherokee, Iowa		

### Major in Journalism and Mass Communication

*** Joshua R. Allen	Algonquin, Ill.	* Hannah Molayal	Ames, Iowa
*** Payne Blazeovich	West Des Moines, Iowa	** Gus Dale Pope	Eagle, Neb.
Tyson John Carenza		* Anna Katherine Russell	Saukville, Wis.
*** Phoebe Jie En Chong	Kuala Lumpur, Malaysia	** Katherine Tschurtz	Cary, Ill.
** Makala Leonamarie Kafer	Paton, Iowa		

\* Cum Laude  
\*\* Magna Cum Laude

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

## Major in Mathematics

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*** Alice Elysia Kessler Nil L	Norwalk, Iowa Ames, Iowa	Lillian Ryan Uhl	Ames, Iowa
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## Major in Meteorology

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Bryce Bruggeman	Ames, Iowa
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## Major in Physics

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Collin R. Brumm Maurissa Karlana Higgins Nil L	St. Ansgar, Iowa Brandon, Iowa Ames, Iowa	* Brent Mitchel Martin * George Shaker Nassif ***† Ruifeng Zhang	Jesup, Iowa Cedar Rapids, Iowa Ames, Iowa
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## Major in Psychology

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** Grace Ann Angell Britney Baccam Gabrielle Marie Comstock Julissa Cristina Delgado ** Jaden Marie Eggert ** Isabella Kay Fassbender * Mia J. Gamet * Avery Gillahan Bryn Olivia Gruber ** Nathan Hughes ** Safiya Kazlovich * Brooklyn Danielle Kelly	Colo, Iowa Sioux Center, Iowa Sioux City, Iowa Des Moines, Iowa Blairstown, Iowa Spencer, Iowa Sergeant Bluff, Iowa Strongsville, Ohio Davenport, Iowa Elgin, Ill. Vernon Hills, Ill. Ankeny, Iowa	Dylan Anthony Kepley Marie Anna Klapacz * Makenna L. Nemeč * Morgan Ann Nolton * Maxwell Charles Persak * Samantha M. Randleman Perla Maria Reveles Jacky Rodriguez Mia Esperanza Silva Maya B. Silvius ** Vivienne Bay Skinner	Ames, Iowa Lemont, Ill. Littleton, Colo. Forest City, Iowa Lemont, Ill. Franklin, Wis. West Des Moines, Iowa Des Moines, Iowa Jewell, Iowa Glenwood, Iowa Johnston, Iowa
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## Major in Public Relations

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Marisa G. Burke Mariana Esmeralda Chavez Madeline Dye Josephine Michelle Earp Meghan Elizabeth Jenkins	Ames, Iowa La Habra, Calif. Ames, Iowa Des Moines, Iowa Ames, Iowa	Lauren Olivia Lucas Gracey Lee Nagle * Shay Bethany Olthoff Jordan Matthew Wells Claire Isabelle Wills	Sergeant Bluff, Iowa Gladbrook, Iowa Waukeg, Iowa Des Moines, Iowa Donnellson, Iowa
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## Major in Statistics

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Cadine Adza * Hazer Becic	Ames, Iowa Ames, Iowa	* Evan Duane Behrens * Ryan James Nagao	Springville, Iowa Naperville, Ill.
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## Major in Technical Communication

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Samuel Curtis	Ankeny, Iowa	Madeline Freisinger	Dubuque, Iowa
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## Multiple Curricula and Majors

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** Benjamin D. Avila Psychology and Sociology	Batavia, Ill.	** Ellie Flynn-Snider Public Relations and Political Science	Cedar Falls, Iowa
***† Madeline Mae Becker Economics and Political Science	Phoenix, Ariz.	** Rachel Marie Gantt Public Relations and Communication Studies	Urbandale, Iowa
* Sybil E. Below History and Education	Hubbard, Iowa	* Jacob Daniel Gorman History and Education	Ames, Iowa
*** Jenna Marlene Boring History and Education	Parkersburg, Iowa	Jason Jiang Computer Science and Mathematics	Ames, Iowa
Jayden Allen Dorenkamp Biology and Psychology	Granger, Iowa	* Quinn Kelly Public Relations and Communication Studies	West Des Moines, Iowa

\* Cum Laude  
\*\* Magna Cum Laude

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

<b>Jacob Carlton Knepp</b> History and Political Science	<i>Bettendorf, Iowa</i>	** <b>Kira Rachelle Richards</b> Physics and Mathematics	<i>McHenry, Ill.</i>
* <b>Brian Long Kurz</b> Computer Science and International Studies	<i>Naperville, Ill.</i>	<b>Olivia Smyka</b> Biology and Animal Ecology	<i>Tiffin, Iowa</i>
* <b>Nicholas Alan Lee</b> History and Education	<i>Council Bluffs, Iowa</i>	<b>Jackalyn J. Sorensen</b> Journalism and Mass Communication and International Studies	<i>Ames, Iowa</i>
<b>Iris Lyzette Martinez</b> Psychology and Biology	<i>Grimes, Iowa</i>	* <b>Owen W. Thomas</b> History and Education	<i>Parkersburg, Iowa</i>
<b>Michael Joel Pruisner</b> History and Education	<i>Aplington, Iowa</i>	<b>Justin Michael Wolak</b> History and Education	<i>South Elgin, Ill.</i>
<b>Vanessa Ramirez Jimenez</b> Psychology and Statistics	<i>Marshalltown, Iowa</i>		

# CANDIDATES FOR COMMISSION

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

## United States Air Force

Reid Thomas Coates  
Dalton Chang Onove-Souza

## United States Army

Connor Patrick Hollarbush

## United States Marines

Brady Refle Bargren

## United States Navy

Sean Matthew Harris  
Parker James Hellgeth  
Jordan Lee Reiswig

# 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 2024-2025 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](http://www.isusalc.org).

To learn more about the Iowa State University Student Alumni Leadership Council, use the QR code:



## 2024-2025 Senior Class Council Leadership



**President:**  
Sophia Kleese

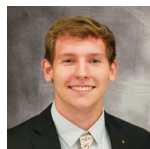


**Vice President:**  
Brooke Rogers

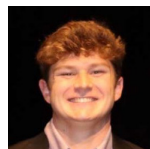
### Council Members:



Taylor  
Brinning



Roy Carter



Dane Hansen



Ryan Harrison



Ella  
Henrichsen



Kelsey Hensen



Abby Hoss



Lex Kassel



Jordan Lawless



Josie Lehman



Hannah Loftus



John Mortimer



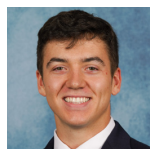
Samuel Nadler



Anna Schmitz



Ava Spinner



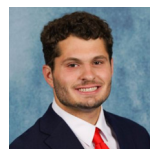
Neven Stark



Shayla Timm



Chloe  
Uhlenhake



Michael "Sully"  
Woods



# IOWA STATE UNIVERSITY ALUMNI ASSOCIATION

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## **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 six ways to continue your Iowa State adventure through the Alumni Association:

1. Connect with Cyclones everywhere through our local affiliate groups in more than 30 locations.
2. The ISU Alumni Center is your forever home. Stop by the Center (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](http://www.isualum.org/newgrad)).
6. Follow @isualum on Instagram, or connect with us on Facebook, LinkedIn and more!









# Summer 2024

Official List of Degree Recipients  
Conferred August 3, 2024



# DEGREE RECIPIENTS FROM THE GRADUATE COLLEGE

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## DOCTOR OF EDUCATION

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### Major in Education (Community College Leadership)

---

Kyle Collins *Ankeny, Iowa*  
DISSERTATION: Understanding the college-wide implementation of competency-based education using systems thinking: More than just teaching

## DOCTOR OF PHILOSOPHY

---

### Major in Aerospace Engineering

---

††§ Youngro Lee *Seoul, South Korea*  
DISSERTATION: Entry guidance with final state targeting capability using numerical predictor-corrector guidance

Nathan Daniel Scheirer *Metamora, Ill.*  
DISSERTATION: Applying hierarchical Bayesian modeling and machine learning techniques to facilitate process qualification for vibrothermography

### Major in Agricultural and Biosystems Engineering

---

Elmin Rahic *Ames, Iowa*  
DISSERTATION: Bioprocessing strategies to valorize prairie biomass

Rose Tirtalistyani *Yogyakarta, Indonesia*  
DISSERTATION: The application of watershed models to simulate inundation and nutrient dynamics in farmed prairie pothole systems

### Major in Analytical Chemistry

---

†† Aparna Krishnamurthy *Delhi, India*  
DISSERTATION: Electrokinetic modification of in-droplet ionic composition for microscale bioanalysis and sample preparation

Umesha Peramune *Kandy, Sri Lanka*  
DISSERTATION: Ion concentration polarization at a packed bed of microbeads for high-throughput preconcentration and label-free electrochemical detection of charged analytes

### Major in Apparel, Merchandising, and Design

---

Farhana Momotaz *Khulna, Bangladesh*  
DISSERTATION: Exploring market and fabrication opportunities for a wearable smart medical footwear device: Proposing parameters for PPE sock development targeting diabetes patients

Caroline Zoe Schumm *Hutchinson, Kans.*  
DISSERTATION: Navigating circularity: Transforming apparel supply chains amid economic and ecological pressures

### Major in Applied Linguistics and Technology

---

§ Mutleb Yossef M. Alnafisah *Carbondale, Ill.*  
DISSERTATION: Pronunciation assessment: Investigating the role of lexical stress error categories in distinguishing proficiency and comprehensibility levels

Shireen Palmer Baghestani *Niwot, Colo.*  
DISSERTATION: Explaining and remediating scoring discrepancies in an English Placement Test: An exploration of text features

Denise Diann Coberley *Nevada, Iowa*  
DISSERTATION: A corpus-based register approach to the analysis of stance and scientific uncertainty in congressional hearings

††§ Agata Guskaroska *Struga, North Macedonia*  
DISSERTATION: Exploring technology acceptance of ASR for pronunciation learning

Haeun Kim *Daegu, South Korea*  
DISSERTATION: Picture-based narrative writing tasks in language assessments for young learners: Effects of task design on test performance and implications for validity

†† Altay Ozkul *Izmir, Turkey*  
DISSERTATION: Critical thinking, reflection, and perception in a climate change project for English translation students: An exploratory study

Zoë Alexandria Zawadzki *Milford, Ohio*  
DISSERTATION: High variability pronunciation training for word stress in English

### Major in Applied Mathematics

---

††§ Aniket Banerjee *Kolkata, India*  
DISSERTATION: Mathematical approaches to pest/invasive species control with applications to the soybean aphids

### Major in Biochemistry

---

§ Jake Martin Peterson *Nevada, Iowa*  
DISSERTATION: High-throughput characterization of RNA structural motifs

Samuel Oluwatoyin Shobade *Lagos, Nigeria*  
DISSERTATION: Characterization and detection of rhizosphere-associated chitinases using aptamers

### Major in Bioinformatics and Computational Biology

---

§ Mesih Veysi Kilinç *Elazığ, Turkey*  
DISSERTATION: Exploring the utility and effectiveness of protein language models on protein relations

§ Megan Neveau Thomas *Lake St. Louis, Mo.*  
DISSERTATION: Informatics methods applied to surveillance data to further characterize influenza A virus in modern U.S. swine production

### Major in Biomedical Sciences (Pharmacology)

---

Sarah Jean Minkler *Urbandale, Iowa*  
DISSERTATION: Exploration of ivermectin at the host-parasite interface

### Major in Business and Technology (Management)

---

††§ Yanjinlkham Shuumarjav *Ulaanbaatar, Mongolia*  
DISSERTATION: Task conflict intensity & conflict resolution strategies: The role of nonverbal behaviors, negative emotions, and cognitive reappraisal

### Major in Business and Technology (Management Information Systems)

---

Xiangru Chen *Xi'an, China*  
DISSERTATION: Exploring patients and physicians interactions in telemedicine consultations: Three essays

Minsek Ko *Aurora, Colo.*  
DISSERTATION: Three essays investigating online content: Signals, meanings, and actions

### Major in Business and Technology (Marketing)

---

††§ Amir Zahedi *Ames, Iowa*  
DISSERTATION: The value of analytics innovations

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

---

†† Haley Mae Paluzzi *Hubbard, Iowa*  
DISSERTATION: Understanding and leveraging the role of consumer-centrism in logistics and supply chain management

††§ Joshua Schumm *Ames, Iowa*  
DISSERTATION: Worker well-being across supply chains: Firms' role in influencing good and bad outcomes

## Major in Chemical Engineering

---

Yee Jher Chan *Selangor, Malaysia*  
DISSERTATION: Electromagnetic biosensor development: Towards smart biomanufacturing and personalized regenerative medicine

§ Efrain Rodriguez-Ocasio *Utua, Puerto Rico*  
DISSERTATION: Plastic as a carbon resource: Bioconversion of polyethylene after thermal oxo-degradation

## Major in Chemistry (Chemical Education)

---

†† Emily Carol King *Mankato, Minn.*  
DISSERTATION: Investigating the utility of personalized learning experiences for chemistry students through technological classroom integrations

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

---

†† Shani A. Montes Victorio *Cusco, Peru*  
DISSERTATION: A comprehensive framework for stakeholder management in utility coordination on highway projects

§ Toby Nii Tairo Nelson *Accra, Ghana*  
DISSERTATION: Using socio-technical water systems in construction engineering to address water insecurity after Hurricanes Maria and Fiona

## Major in Civil Engineering (Environmental Engineering)

---

§ Henry Croll *Eagan, Minn.*  
DISSERTATION: Reinforcement learning applied to water resource recovery facilities for process optimization and control consolidation

## Major in Civil Engineering (Transportation Engineering)

---

§ Minsoo Oh *Seoul, South Korea*  
DISSERTATION: A comprehensive analysis framework for addressing non-recurrent traffic congestion: Focusing on incident-induced delays employing connected vehicle data in transportation systems management and operations

Dorcas Okailey Okaidjah *Accra, Ghana*  
DISSERTATION: Probe and connected vehicle data for enhancing traffic management and road safety: A study of work zone crashes, dynamic message sign efficiency and smart work zone public information

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

---

Vishal Deep *Kurukshetra, India*  
DISSERTATION: Establishing time in batteryless intermittently-powered sensor nodes

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

---

§ Zhonghao Liao *Zhengzhou, China*  
DISSERTATION: Towards building trustworthy blockchain-enabled decentralized applications: Data feeds reliability, multi-service authentication, and sustainable crop insurance

## Major in Computer Science

---

††§ Shibbir Ahmed *Dhaka, Bangladesh*  
DISSERTATION: Design by contract for deep learning APIs and models

Mohna Chakraborty *Kolkata, India*  
DISSERTATION: Analysis of textual-based reviews with minimal supervision

Akash Dutta *Kolkata, India*  
DISSERTATION: Learning-based auto-tuning for high performance computing

Ge Luo *Xiangtan, China*  
DISSERTATION: Enhancing automatic summarization evaluation: Metric design, consistency, and explanation

†† Eshita Zaman *Ames, Iowa*  
DISSERTATION: Efficient stochastic model checking

## Major in Condensed Matter Physics

---

†† Joseph David Offer Hall *Las Vegas, Nev.*  
DISSERTATION: Surface diffraction and STM/STS characterization of pristine and intercalated epitaxial graphene

††§ Farhan Islam *Ames, Iowa*  
DISSERTATION: Evolution of magnetism in topological insulators

## Major in Crop Production and Physiology

---

§ Alejo Ruiz *Rosario, Argentina*  
DISSERTATION: Maize residue production in the US Corn Belt: Genetics, environment, and management effects

## Major in Ecology and Evolutionary Biology

---

Joshua Alexander Justison *Appleton, Wis.*  
DISSERTATION: Modeling the diverse suite of gene flow processes on phylogenetic networks and its implications for macroevolutionary patterns

Abigail L. Kropf *Urbandale, Iowa*  
DISSERTATION: Assessment of multitrophic interactions among *Beauveria bassiana*, Maize and Western Corn Rootworm (Coleoptera: Chrysomelidae)

## Major in Economics

---

†† Sriparna Goswami *Kalna, India*  
DISSERTATION: Three essays on the economics of advertising

†† Levi Joseph Soborowicz *Eau Claire, Wis.*  
DISSERTATION: Three essays in transportation economics

Kyubin Yim *Pyeongtaek, South Korea*  
DISSERTATION: Essays in the economics of networks: Network analysis in experimental games, international migration, and finance

## Major in Education

---

Sarah Marie Chase *Ames, Iowa*  
DISSERTATION: Policy agency development in a “divisive” education climate: A case study of preservice teachers’ social justice commitments and investments in whiteness

## Major in Electrical Engineering (Bioengineering)

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Yang Tian *Ames, Iowa*  
DISSERTATION: Portable on-site quantification solutions for viral particles and heavy metal ions with electrochemical sensors

## Major in Electrical Engineering (Microelectronics and Photonics)

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†† Xiaoke Ding *Kolkata, India*  
DISSERTATION: Wearable devices enabled by micro/nano structures for intraocular pressure sensing, drug delivery, and biosensing

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

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Isaac Nii Lante Bruce *Accra, Ghana*  
DISSERTATION: Performance enhancement strategies for design and test optimization of analog and mixed-signal circuits

Kwabena Oppong Banahene *Accra, Ghana*  
DISSERTATION: Design and security of analog and mixed-signal circuits with innovations in temperature sensing for power/thermal management, Trojan detection in analog filters, and optimization for programmable current mirrors

Lei Zhao *China*  
DISSERTATION: Small-form-factor switching-mode DC-DC converter design

## Major in Genetics and Genomics

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†† Vishesh Bhatia *Ames, Iowa*  
DISSERTATION: Genetics of disease resilience and pelvic organ prolapse in pigs

Alyssa Marie Hohman *Elmhurst, Ill.*  
DISSERTATION: Investigating the role of human conserved microRNAs in *Drosophila melanogaster* heart health, maintenance, and aging

§ Ang-Yu Liu *Tainan, Taiwan*  
DISSERTATION: Molecular characterization of RNA degradation and nucleotide salvage in the vacuole of *Arabidopsis*

††§ Jaspreet Kaur Rishi *Chandigarh, India*  
DISSERTATION: Understanding the effects of obesity on DNA damage response during DMBA-induced ovotoxicity

††§ Brian Zebosi *Kampala, Uganda*  
DISSERTATION: Can plant survive without steroids: Modulation of plant architecture and sex determination through brassinosteroid biosynthesis and signaling

## Major in Genetics and Genomics (Predictive Plant Phenomics)

---

Kaitlin Marie Higgins *Ames, Iowa*  
DISSERTATION: Genomic imprinting in Maize: A comprehensive exploration of regulation, expression across time, and manipulation of genomic imprinting

Lyle Albert Sisson IV *Arvada, Colo.*  
DISSERTATION: Simulation of single-allele introgression in a *Cannabis sativa*-like model

## Major in High Energy Physics

---

Shuaiyan Kang *Xi'an, China*  
DISSERTATION: Search for the rare charm meson decays  $D_0 \rightarrow h h' e^+ e^-$

## Major in Human Computer Interaction

---

Mohammed Khaled M. Ameen *Jeddah, Saudi Arabia*  
DISSERTATION: A novel approach to a hybrid security system using Operator Machine Augmentation Resource (OMAR)

Hassan Mohammed A. Wasfi *Jeddah, Saudi Arabia*  
DISSERTATION: Usability and security of recognition-based textual password

## Major in Human Development and Family Studies

---

§ Nicholas John Cone *Lincoln, Neb.*  
DISSERTATION: Examining Information and Communication Technology (ICT) and associated relationships with individual characteristics and mental/physical health

§ Jeenkyoung Lee *Yongin, South Korea*  
DISSERTATION: Trajectories of intergenerational relationship quality during emerging adulthood: Implications for emerging adult well-being

## Major in Immunobiology

---

§ Molly Elizabeth Kroeger *Lennox, S. Dak.*  
DISSERTATION: Development and application of direct and indirect diagnostic techniques in the new paradigm of porcine circovirus diagnostics

## Major in Industrial and Agricultural Technology

---

†† Heather Hadassah Tenboer *Clinton, Iowa*  
DISSERTATION: Analysis of methods for enhancing food safety and traceability in the bulk grain industry

## Major in Industrial Engineering

---

§ Yiqun Jiang *Shaoxing, China*  
DISSERTATION: Advance in healthcare analytics: Electronic health record-based predictive models and prioritization patterns

§ Parvin Mohammadiarvejh *Esfahan, Iran*  
DISSERTATION: Developing machine learning and optimization models to classify super-agers and cognitive decliners

## Major in Inorganic Chemistry

---

†† Eunbyeol Gi *South Korea*  
DISSERTATION: Tuning chemical properties of heterobimetallic complexes and transition metal dichalcogenides

†† Aishwarya Mantravadi *Mumbai, India*  
DISSERTATION: Unconventional methods for the synthesis and characterization of Kagome intermetallics

†† Arka Sarkar *Kolkata, India*  
DISSERTATION: Exploration of novel Cu-containing semiconductors and their applications in the field of alternate energy

## Major in Kinesiology

---

Hang Qu *Shanghai, China*  
DISSERTATION: Effects of mental and physical fatigue on cognitive function and gait performance in single- and dual-task conditions

Joseph Michael Saavedra *Ames, Iowa*  
DISSERTATION: Physical activity, cardiorespiratory fitness, and respiratory impairment in adults

## Major in Materials Science and Engineering

---

Skye Nuriel Supakul *Las Vegas, Nev.*  
DISSERTATION: Metal/MAX phase multilayered nanolaminates for tunable strength and toughness: Synthesis, microstructure, and mechanical properties

## Major in Mathematics

---

§ Mitchell L. Haeuser *La Crosse, Wis.*  
DISSERTATION: Regularity estimates for elliptic equations involving fractional Neumann boundary conditions

†† Joel Andrew Jeffries *Ames, Iowa*  
DISSERTATION: Generalizations of Schütte's property with applications to dice games



## Major in Mechanical Engineering

---

Nassar Hamad R. Al Marry *Jubail, Saudi Arabia*  
DISSERTATION: Sustainable desalination strategies:  
Techno-economic analysis, life-cycle assessment,  
and optimization of renewable energy-powered  
plants in Saudi Arabia

§ Weimin Jiao *Ji'an, China*  
DISSERTATION: Pressure-induced chemo-  
mechanical effects on sodium metal battery  
anodes and the application on designing high-  
efficiency anode-free sodium batteries

Zachary T. Johnson *Decatur, Ill.*  
DISSERTATION: Development of graphene-based  
electrochemical sensors for agrochemical and  
biomedical monitoring

Adnan Musarrihi *Jazan, Saudi Arabia*  
DISSERTATION: Fabrication and functionalization  
of picosecond Laser-Induced Graphitic/Graphene  
(pLIG) materials for biosensor

§ Raquel Rainier Alves Soares *Capit6lio, Brazil*  
DISSERTATION: Development and characterization  
of ion-selective electrodes based on laser-induced  
graphene for food safety and precision agriculture

†† Ryan M. Werner *Grimes, Iowa*  
DISSERTATION: Drop-wall interactions for fuels  
and mixtures to characterize Leidenfrost behavior

## Major in Microbiology

---

†† Abesh Bera *Kolkata, India*  
DISSERTATION: Peer-to-peer regulation of  
cytoplasmic microtubules and alpha-tubulin  
isotype mediated regulation of interpolar  
microtubules facilitate anaphase during mitosis

§ Logan Cain Ott *Ames, Iowa*  
DISSERTATION: Bacterial plasmid transfer in the  
gut: Regulation and inhibition

## Major in Neuroscience

---

Pongrat Jaisil *Khon Kaen, Thailand*  
DISSERTATION: The impact of ketogenic diet  
and exercise on peripheral neuropathy and  
Alzheimer's disease/Alzheimer's disease-related  
dementias in a murine model of metabolic  
syndrome

## Major in Nuclear Physics

---

†† Ryan Jacob McCarty *Eau Claire, Wis.*  
DISSERTATION: Ab initio nuclear structure of  
lithium isotopes with applications of deep  
learning

†† Lars Sivertsen *Bergen, Norway*  
DISSERTATION: Neutron stars as laboratories for  
the nuclear matter equation of state and indirect  
detection of axions

## Major in Organic Chemistry

---

†† Komadhie Charuka Dissanayake *Colombo, Sri Lanka*  
DISSERTATION: Light-driven activation: Developing  
photoremovable protecting groups for synthesis  
and biomedical applications

†† Atreyee Mukhopadhyay *Kolkata, India*  
DISSERTATION: Design, synthesis and  
characterization of photocage molecules for  
light-activated release: Applications in polymer  
chemistry and phototherapeutics

## Major in Physics

---

Yihua Qiang *Wuhan, China*  
DISSERTATION: Theory of two-dimensional  
coherent spectroscopy with application to Kitaev  
magnets and Nb superconductors

## Major in Plant Breeding

---

§ Mahule Elyse Boris Alladassi *Ouidah, Benin*  
DISSERTATION: Genetics of canopy architecture  
traits in Sorghum and Maize

## Major in Psychology

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†† Anthony James Miller *Vermillion, S. Dak.*  
DISSERTATION: Through a glass, darkly: How context shapes empathy

## Major in Psychology (Cognitive Psychology)

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§ Nydia Teresa Ayala *Toronto, Canada*  
DISSERTATION: Do video recordings of lineups improve the abilities of outside observers to discriminate between accurate and inaccurate eyewitnesses?

## Major in Psychology (Counseling Psychology)

---

Davelle May Cheng *Austin, Tex.*  
DISSERTATION: A latent profile analysis of emotion regulation profiles

## Major in Statistics

---

Zhiling Gu *Ningbo, China*  
DISSERTATION: Nonparametric learning for complex data: Applications in environmental data modeling, surface-based data analysis, and neuroimaging studies

§ Yunhui Qi *Jinan, China*  
DISSERTATION: Statistical methods for omics data: Selective inference and contrastive analysis in dimension reduction and gene expression heterosis detection

## Major in Toxicology

---

Imaobong Eti-Etop Inyang *Afashio, Nigeria*  
DISSERTATION: Impact of obesity on chemical biotransformation

## Major in Veterinary Microbiology

---

Jessica Santos Streauslin *Foz Do Iguacu, Brazil*  
DISSERTATION: Exploring the clinical, genetic, and antimicrobial resistance profiles of porcine *Streptococcus suis* isolates in the United States

## Multiple Curricula and Majors

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Anne Maureen Carey *San Diego, Calif.*  
DISSERTATION: Strategies to enhance organic vegetable production systems: Soil blocking, cover crop mixtures, and poultry integration  
MAJORS: Sustainable Agriculture and Horticulture

Abby Joanne Martin *North Prairie, Wis.*  
DISSERTATION: Validation of PRNU source-camera identification error rates using methods and statistics on dark and bright images  
MAJORS: Mathematics and Computer Science

§ Jack Ryan Miller *St. Charles, Ill.*  
DISSERTATION: Studying the technical challenges of a customizable multi-user multi-modal simulation platform for traffic safety research  
MAJORS: Human Computer Interaction and Computer Engineering

††§ Brian Christopher Schwinkendorf Kempa *Granger, Ind.*  
DISSERTATION: Engineering trust in space with runtime verification  
MAJORS: Aerospace Engineering and Computer Engineering

§ Yongsung Koh *Seoul, South Korea*  
DISSERTATION: A multifaceted approach for enhancement of road system sustainability under superload traffic via mechanistic-empirical analysis, artificial intelligence, remote sensing, and prototype tool development  
MAJORS: Civil Engineering (Structural Engineering) and Civil Engineering (Intelligent Infrastructure Engineering)

# MASTER OF ARCHITECTURE

---

## Major in Architecture

---

Finnigan Ellis Digman      *West Des Moines, Iowa*

# MASTER OF ARTS

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## Major in Anthropology

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Madeline Renee Tribbett      *Peoria, Ariz.*  
THESIS: Sex, status, and time: Evaluation of Maya  
diet through Bayesian modeling

## Major in Political Science

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Corey David Wadsworth      *Lamoni, Iowa*

## Major in Political Science (Public Policy)

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Abdullah Ibn Mikhail Hassan Muhammad  
*Kansas City, Mo.*

# MASTER OF ARTS IN TEACHING

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## Major in Science Education

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Kiley Ann Fridley	<i>Ames, Iowa</i>	Jacob Mehmen	<i>Mason City, Iowa</i>
Caitlin Leigh P. Gonzales	<i>Schaumburg, Ill.</i>	Anthony Allan Nelson	<i>Burlington, Iowa</i>
Reagan Ruth Linder	<i>Cedar Rapids, Iowa</i>	Matthew Paul Shafer	<i>Ames, Iowa</i>
Rylie Ann Maliszewski	<i>Sioux City, Iowa</i>		

# MASTER OF BUSINESS ADMINISTRATION

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## Major in Business Administration (Entrepreneurship)

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Kyle R. Barkalow	<i>Rock Island, Ill.</i>	Jazmin Della Lambertson	<i>Chicago, Ill.</i>
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## Major in Business Administration (Information Systems)

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Jack Macmaster Doe	<i>West Des Moines, Iowa</i>	Larry J. Juncker Jr.	<i>St. Anthony, Iowa</i>
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# MASTER OF BUSINESS ANALYTICS

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## Major in Business Analytics

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Peyten Marie Ballard	Anamosa, Iowa	Jingjing Gao	Flushing, N.Y.
Zachary Philip Bartlett	Charlotte, N.C.	Katie Roseanne Hoffmann	Panama, Iowa
Precious Boateng	Meriden, Conn.	Kamryn Elizabeth Huffman	West Des Moines, Iowa

# MASTER OF COMMUNITY AND REGIONAL PLANNING

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## Major in Community and Regional Planning

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Marci Janette Snow-Perry	Ames, Iowa	Hyunsik Son	Seoul, South Korea
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# MASTER OF EDUCATION

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## Major in Education (Curriculum and Instructional Technology)

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Savannah Rose Shultz	Barnum, Iowa
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## Major in Education (Educational Administration)

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Macie Nicole Bock	Arcadia, Iowa	Devin Lee Vander Molen	St. Charles, Iowa
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## Major in Education (Student Affairs)

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Maheshwari Radhakrishnan	Malaysia
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# MASTER OF ENGINEERING

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## Major in Aerospace Engineering

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Jace D. Cahalan	Clive, Iowa
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## Major in Civil Engineering (Environmental Engineering)

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Betret Stanley Eustace	Kilosa, Tanzania	Junlu Zhao	Lanzhou, China
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## Major in Civil Engineering (Geotechnical Engineering)

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Hossein Emami Ahari	Tabriz, Iran
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## Major in Computer Engineering

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Debopriya Roy Dipta	Netrokona, Bangladesh	Mitchell Arthur Illies	Plymouth, Minn.
Sean Michael Griffen	Red Oak, Iowa	Eric Tsai	Chiayi City, Taiwan

## Major in Cyber Security

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Brady Raymond Heath	Cedar Falls, Iowa
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§ Research Excellence Award  
†† Teaching Excellence Award

## Major in Electrical Engineering

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Elijah D'Von Bryant  
Md Zahid Hasan  
Anam Kalair

Milpitas, Calif.  
Bangladesh  
Islamabad, Pakistan

Alyssa Rose Scaminaci  
Aditya Sengupta

Bartlett, Ill.  
Chennai, India

## Major in Energy Systems Engineering

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Bernadette Nabintu Balegana  
Bukavu, Dem. Rep. of Congo

Jamie Melinda Salazar

Fort Worth, Tex.

## Major in Engineering Management

---

Derek Paul Ebel

Huxley, Iowa

Mackenzie E. Werning

Cedar Falls, Iowa

## Major in Mechanical Engineering

---

Venkata Sai Karthik Ande

Mangalagiri, India

Laurel Augustina Barnet

Platteville, Wis.

## Major in Systems Engineering

---

Paul Kennedy Hovey

Des Moines, Iowa

# MASTER OF ENTREPRENEURSHIP

---

## Major in Entrepreneurship

---

Micah I. Walker

Ames, Iowa

# MASTER OF FAMILY AND CONSUMER SCIENCES

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

---

Paige Kristy VanDusseldorp

Garner, Iowa

# MASTER OF FINANCE

---

## Major in Finance

---

Upamanyu Sinha

Ames, Iowa

# MASTER OF HUMAN COMPUTER INTERACTION

---

## Major in Human Computer Interaction

---

Jocelyn Leigh Gilbertson  
Aden C. Harzman  
Kadir Karakaya

Mokena, Ill.  
Montgomery, Ill.  
Ames, Iowa

Ozlem Karakaya  
Abigail Elizabeth Miller  
Natsayi Nembaware

Ames, Iowa  
St. Louis, Mo.  
Columbia, Md.

§ Research Excellence Award  
†† Teaching Excellence Award

Kaitlin Suzanne Pohren  
Lauren Ashley Rosas

Peosta, Iowa  
East Brunswick, N.J.

Wenxia Zhang Sweeney  
Megan Nicole Webb

Coralville, Iowa  
Dallas, Tex.

## MASTER OF INDUSTRIAL DESIGN

---

### Major in Industrial Design

---

Rachel Schmitz *Marquette, Iowa*  
THESIS: Design process optimizations for  
environmental sustainability: Sustainable creation  
framework

## MASTER OF PROFESSIONAL PRACTICE IN DIETETICS

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### Major in Professional Practice in Dietetics

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Olivia Nicole Auderer	<i>Sherrill, Iowa</i>	Vanessa Pérez	<i>Augusta, Ga.</i>
Brenna Lynne Bartkowicz	<i>Niles, Ill.</i>	Evelyn Sarah Perkins	<i>Ithaca, N.Y.</i>
Beverly Castleman	<i>Delano, Calif.</i>	Caroline Perrone	<i>San Diego, Calif.</i>
Allison Joy Clark	<i>Springville, Utah</i>	Elise Porterfield	<i>Alaska</i>
Reylina Cruz	<i>Pico Rivera, Calif.</i>	Grace Annah Pudenz	<i>Ankeny, Iowa</i>
Maha Hannoudi	<i>El Cajon, Calif.</i>	Samantha C. Sanchez	<i>Fontana, Calif.</i>
Sarah Ann Hoffman	<i>Eagle River, Wis.</i>	Kathrina Rivera Santiago	<i>Simi Valley, Calif.</i>
Kailey Lynn Jacobs	<i>Raymore, Mo.</i>	Emily Marie Schaver	<i>Waterloo, Iowa</i>
Diana Jimenez	<i>Temecula, Calif.</i>	Sarah Colleen Scully	<i>Bradford, Pa.</i>
Kaylee Ann Koenighain	<i>Hiawatha, Iowa</i>	Lillian Diane Smith	<i>Dodgeville, Wis.</i>
Tze Mei Lam	<i>Chino Hills, Calif.</i>	Mackenzie Ann Souchek	<i>Brick, N.J.</i>
Taylor JoLynn Lucas	<i>Waukee, Iowa</i>	Addison Taylor Sprouse	<i>Keota, Iowa</i>
Ashley Nicole McKenna	<i>Algona, Iowa</i>	Jacklyn Wang	<i>Taipei, Taiwan</i>
Ashlee M. Miller	<i>Waukee, Iowa</i>	Sheena Rivera Williams	<i>Newhall, Calif.</i>
Taylor Ann Moore	<i>Kansas City, Mo.</i>	Kylie Marie Wood	<i>Ainsworth, Iowa</i>
Yasmeen Musharafa	<i>West Des Moines, Iowa</i>	Taelor Stephanie Zeise	<i>Gladstone, Mich.</i>

## MASTER OF REAL ESTATE DEVELOPMENT

---

### Major in Real Estate Development

---

Isaac Steven Judge *Garwin, Iowa*



## Major in Apparel, Merchandising, and Design

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§ Zahra Falsafi THESIS: Consuming traditional Qashqai dress in 21st century Iran: Space, place, and connectedness	Shiraz, Iran	Shuoming Qu	Fairbanks, Alaska
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## Major in Architecture

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Negar Salahi THESIS: Developing a machine learning-based platform for analyzing Photovoltaic Shading Devices (PVSDs): Enhancing occupant visual comfort and electricity production	Mashhad, Iran
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## Major in Artificial Intelligence

---

Anirudh Raman Dongyoun Kim	Mangalore, India South Korea	Fardeen Nadeem Shaikh Vishweshwar Reddy Veerannagari	Satara, India Hyderabad, India
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## Major in Biochemistry

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Samuel Reed Coder THESIS: Characterization of specific aptamer interactions with NGAL	Atlantic, Iowa
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## Major in Bioinformatics and Computational Biology

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Alexis Louise Marsh THESIS: Using software testing techniques for bioinformatics tools	Pinckney, Mich.
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## Major in Biomedical Sciences

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Megan Askelsen	Clarion, Iowa	Stephanie Marie Frey	Lodi, Wis.
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## Major in Civil Engineering (Transportation Engineering)

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Rosy Adhikari THESIS: In-service performance evaluation of longitudinal barriers in Iowa	Pokhara, Nepal	Camilla Amajuoritse Titilayo Junaid THESIS: Estimating the influence of inspection violations on large-truck crashes using count regression models	Lagos, Nigeria
Rashmi Bogati THESIS: Enhancing road safety: Modeling the relationships between operating speeds and vulnerable road-user crashes at intersections	Kathmandu, Nepal	Mekhala Sarangi Kaluarachchi THESIS: Investigating socioeconomic correlates of transportation safety	Matara, Sri Lanka

## Major in Computer Engineering

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Richa Pathak THESIS: Detecting lameness using sound of cows	Dhanbad, India	Gabriel M. Rueger THESIS: Implementation and analysis of industrial teleoperation using the ARA platform	Hubbard, Iowa
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## Major in Computer Engineering (Computing and Networking Systems)

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Shreyas Bangalore Vijayakumar James Anthony Bonner II	Bengaluru, India Ames, Iowa	Christ Ampomah Somiah THESIS: Comparative analysis of different physics informed neural network architectures for spectrum occupancy prediction in Ara	Kumasi, Ghana
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## Major in Computer Engineering (Software Systems)

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Prathiksha Ravi Krishnan                      Chennai, India

## Major in Computer Science

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Mirza Sanjida Alam                      Tangail, Bangladesh

THESIS: Evaluating AI for vulnerability detection

Saad Burhan Ammari                      Amman, Jordan

Fraol Ahmed Batole                      Ames, Iowa

THESIS: Detecting protocol violations in deep learning programs using typestate and value propagation analysis

Ruina Chang                                      Ames, Iowa

Zefu Hu    Zhengzhou, China

THESIS: Redundancy and concept analysis for code models on the token tagging task

Sayem Mohammad Imtiaz                      Ames, Iowa

THESIS: Characterizing the changes in the evolution of deep learning models

†† Ruchira Manke                              Ames, Iowa

THESIS: Leveraging data characteristics for bug localization in deep learning programs

Nathan R. Meskill                              Aurora, Oreg.

THESIS: Worst-case and median encoding sizes of binary decision diagrams

Trent Muhr    Iowa

THESIS: Privacy-preserving detection of poisoning attacks in federated learning

David Michael OBrien                      Cedar Rapids, Iowa

THESIS: Are prompt engineering and todo comments friends or foes? An evaluation on GitHub Copilot

Astha Singh    Varanasi, India

THESIS: Exploring post-deployment deep learning model changes and the impact of modularity

Samrajya Vickram Thapa                      Kathmandu, Nepal

THESIS: MoRE: Multi-Modal contrastive pre-training with transformers on x-rays, ECGs, and radiology/cardiology report

Deepak George Thomas                      Assam, India

THESIS: A taxonomy of reinforcement learning faults

## Major in Cyber Security

---

Grace Elisabeth Kuntz                      Delta, Iowa

William Brennan Lavelle                      Western, Neb.

## Major in Economics

---

Wil Kristian Hillmer                      Hahira, Ga.

Banya Roy    Kolkata, India

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

---

Dut Mabior Ajang                              Des Moines, Iowa

Maheswari Pothuraju                      Vijayawada, India

## Major in Electrical Engineering (Microelectronics and Photonics)

---

Stuart Pearson                                      New Richmond, Wis.

THESIS: Optimization studies of cadmium selenide solar cells

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

---

Akash Ajay Pradhan                              Pune, India

Lei Zhao    China

## Major in Environmental Science

---

Jennifer Rene Merryman                      Ames, Iowa

THESIS: Exploring saturated drainageways for nitrate reduction in tile-drained agricultural lands

†† Andrew Wayne Rupiper                      Ankeny, Iowa

THESIS: Influences of beaver (*Castor canadensis*) on the storage of sediment and nitrogen removal in low order streams on the Des Moines Lobe, Iowa, USA

Samuel Sterinbach                                      Bayside, N.Y.

THESIS: Exploring rhizosphere nitrogen dynamics and losses: A comparative study of NUE in Maize

## Major in Fisheries Biology

---

Connor Fiolek *Mt. Pleasant, Mich.*  
THESIS: Evaluation of juvenile Hybrid Striped Bass tagging techniques and stocking success in Iowa reservoirs

## Major in Food Science and Technology

---

†† Gina Gerard *Chennai, India*  
THESIS: Application of essential oils alone or in combination with high voltage atmospheric cold plasma for inactivation of *Escherichia coli* O157:H7 in orange pineapple juice blend

## Major in Genetics and Genomics

---

Shelly Kinney *Mora, Minn.*  
THESIS: Classification of individual waxy Maize kernels using single kernel near infrared reflectance spectroscopy

Melissa Roths *Clarion, Iowa*  
THESIS: Environment-induced heat stress-mediated outcomes in the myocardium

## Major in Hospitality Management

---

Melika Charkhkard *Ames, Iowa*  
THESIS: The impact of social media influencers' expertise on perceived trust, destination image, and travel intention

## Major in Human Computer Interaction

---

Bassam Safi A. Alabbas *Ames, Iowa*  
THESIS: The effect of information framing and motivation on health mobile applications

Alex Brent *Ames, Iowa*  
Trishala Jain *Noida, India*  
Yashwanth Sai Maddipatla *Tirupati, India*

## Major in Industrial and Agricultural Technology

---

Alon Klekner *Ames, Iowa*  
THESIS: Examining safety professionals and utility workers' space hazard awareness in hazardous environments with virtual reality

## Major in Industrial Engineering

---

Colton John Richardson *Cedar Rapids, Iowa*  
THESIS: Effects of surface roughness on process verification techniques in magnetic particle inspection

Omid Rostami *Tehran, Iran*

## Major in Information Systems

---

Tushar Jain *New Delhi, India*  
Madhumitha Murali *Mumbai, India*  
Mansiben R. Patel *Riverview, Fla.*

Sai Yogesh Patibandla *Chittoor, India*  
Roshan Nabi Shaik *Hyderabad, India*  
Meenakshi Sundar *Mumbai, India*

## Major in Journalism and Mass Communication

---

Susan N. Cruz-Rodriguez *West Des Moines, Iowa*  
THESIS: Ni aqui, ni alla: Analyzing how millennial and Gen Z Latinx engage in digital activism

§ Sara Lenore Elkhatib *Ames, Iowa*  
THESIS: A comparative look at pro-government and anti-government media outlets' visual framing of the 2023 Turkish earthquake

## Major in Kinesiology

---

Shania Jo Ella Kelly *Decorah, Iowa*  
THESIS: Influences of an acute maximal exercise bout on insulin-like growth factor-1 in adults with major depressive disorder

James Patrick Olivier *Augusta, Maine*  
THESIS: Impact of carbon-plated running shoes on rearfoot motion

## Major in Materials Science and Engineering

---

Xiaoxi Ji *Hangzhou, China*  
THESIS: Low temperature sintering of antiferroelectric ceramics with ZnO and CuO as additive

## Major in Meat Science

---

Kayle Rae Eivins *Winterset, Iowa*  
THESIS: Natural antioxidant inclusion to improve the oxidative stability of fat and lean portions of frozen food-service bacon

## Major in Mechanical Engineering

---

Qusai Yousef Hussein Alahmad *Irbid, Jordan*  
THESIS: Anisotropic thermal conductivity of microscale porous structures

Aitijhya Palo *New Delhi, India*  
THESIS: Voxel stress optimizer (VSO) framework for residual stress mitigation in wire-arc additive manufacturing

Alex James Sorensen *Austin, Tex.*  
THESIS: Developing a four-axis cyber-physical traverse system for highly dynamic experimental fluid mechanics studies

Yonghwa Yi *Changwon, South Korea*  
THESIS: Accelerated containerless creep tests of refractory metals

## Major in Molecular, Cellular, and Developmental Biology

---

Madison Lane *Houston, Tex.*  
THESIS: Characterization of ZmFDL1 and ZmGL2 function in Maize silk cuticle biosynthesis utilizing a robust cuticular wax extraction method

†† Anthony Jonah Sillman *Cedar Rapids, Iowa*  
THESIS: Identification of hemogenic fate drivers through a multiomics approach

## Major in Plant Breeding

---

Katie Fern Chipman *Cedar Rapids, Iowa*  
Melissa Preston *Delafield, Wis.*

Nikki Jean Stehr *Zumbrota, Minn.*

## Major in Plant Pathology

---

Edward M. Ernat *Hamilton, Mo.*  
THESIS: Effect of sudden death syndrome seed treatments and environmental risk factors on yield and disease severity in soybeans

## Major in Psychology

---

Julia Anna Slocum *Ames, Iowa*  
THESIS: Walk and talk therapy: Psychotherapy on the move

## Major in Seed Technology and Business

---

Andrea Feller *Burnsville, Minn.*

Yanyan Lang *Sacramento, Calif.*

## Major in Statistics

---

Alexandra C. Arabio  
†† Payton Lyn Miloser

Egg Harbor Township, N.J.  
Westland, Mich.

Anyesha Ray  
Keara Schmitt

Kansas City, Mo.  
Norwalk, Iowa

## Major in Veterinary Pathology

---

Aaron Scott Dunkerson-Kurzhumov  
San Francisco, Calif.

Andrew Paul Noel  
Nevada, Iowa  
THESIS: The integration of direct detection methodologies and digital pathology in veterinary diagnostics and research

## Major in Veterinary Preventive Medicine

---

Lynn Mary Geoffroy  
Ames, Iowa  
THESIS: Anaplasmosis marginale distribution trends and persistent infection dynamics in Iowa beef cattle

Rance Kelly Musco  
Fort Myers, Fla.

## Major in Wildlife Ecology

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Johanna Ford  
Missoula, Mont.  
THESIS: Influences of northern bobwhite habitat management on Iowa species of greatest conservation need

Riggs O'Brein Wilson  
Mt. Pleasant, Iowa  
THESIS: Monitoring Northern Bobwhite (*Colinus virginianus*) occupancy on the landscape-scale in southern Iowa, USA

Lindsey A. Gapinski  
Woodbury, Minn.  
THESIS: Breeding bird use of wetland easements in the Prairie Pothole Region of Iowa

## Multiple Curricula and Majors

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§ Michael David Holm  
Ames, Iowa  
THESIS: Automated point cloud filtration using principal component variance and nearest neighbor distance  
MAJORS: Mechanical Engineering and Computer Engineering

Micah Mundy  
Clive, Iowa  
THESIS: Towards automating 3D scan acquisition of factory equipment  
MAJORS: Mechanical Engineering and Electrical Engineering (Systems and Controls)

Nikoo Javadpour  
Tehran, Iran  
THESIS: Machine learning approaches towards cybersickness prediction: An updated systematic review  
MAJORS: Industrial Engineering and Human Computer Interaction

Andres Vargas  
Monroe, Iowa  
THESIS: Ground beetle response to prairie strips and their potential ecosystem service delivery in crop fields  
MAJORS: Sustainable Agriculture and Entomology

# MASTER OF URBAN DESIGN

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## Major in Urban Design

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Marci Janette Snow-Perry  
Ames, Iowa

# PROFESSIONAL MASTER OF BUSINESS ADMINISTRATION

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## Business Administration

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Joshua Adam Kitsis  
Pleasantville, Iowa

**Business Administration (Business Analytics)**

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Makayla Lim *Bonney Lake, Wash.*

**Business Administration (Leadership)**

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Christopher S. Schminke *Ames, Iowa* Zachary James Stuart *Ankeny, Iowa*

**Business Administration (Real Estate)**

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Phillip Ross Cowan *Ankeny, Iowa*

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

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



## Curriculum in Global Resource Systems

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\* Kathryn Jean Breja                      State Center, Iowa                      Grace Helton                      Council Bluffs, Iowa

## Curriculum in Industrial Technology

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Juana Hawk Jones                      Cedar Rapids, Iowa                      Jason Anthony Scandiffio                      Altoona, Iowa  
Joven John Nelson                      Nevada, Iowa                      Nicholas C. Scheid                      Davenport, Iowa  
Demari C. Nicholson                      Davenport, Iowa                      Jorge A. Toro Torres                      Coto Laurel, Puerto Rico  
Jonathon M. Ostheimer                      Fort Dodge, Iowa

## Curriculum in Microbiology

---

Katherine Freund                      Clive, Iowa                      Richard J. Hernandez                      Dubuque, Iowa  
Kristen Gronlund                      Ames, Iowa                      \*\* Reghan C. Robinette                      Colfax, Iowa

## Curriculum in Nutritional Science

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\*\* Anne Marie Moore                      Ames, Iowa

## Multiple Curricula and Majors

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\*\* Zayna Marie Evans                      Cedar Rapids, Iowa                      Kaydie Tanahiry Salazar                      San Antonio, Tex.  
Animal Science and Animal Ecology                      Industrial Technology and Liberal Arts and  
Sciences: Major in World Languages and Cultures  
(Spanish)  
Natasha M. Higgins                      Des Moines, Iowa  
Environmental Science and Liberal Arts and  
Sciences: Major in Geology

\* Cum Laude  
\*\* Magna Cum Laude

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

# DEGREE RECIPIENTS FROM THE IVY COLLEGE OF BUSINESS

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## BACHELOR OF BUSINESS ADMINISTRATION

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### Major in Business Administration

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* Kevin Amaya Isaac Cepeda Nathan David Couch	Los Angeles, Calif. Des Moines, Iowa Middle Amana, Iowa	William Scott Malugani Benjamin Samuel Standish	Greenfield, Iowa Johnston, Iowa
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## BACHELOR OF SCIENCE

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### Major in Accounting

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* Dalton Matthew Cale ** Olivia Lee Knudtson Cameron Keith Krueger	Urbandale, Iowa Iowa City, Iowa Austin, Minn.	Zenia Aidee Macias Samuel Douglas Rhode * Abigail Jane Wetzel	Scranton, Iowa Burnsville, Minn. Corning, Iowa
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### Major in Entrepreneurship

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Madison Kathryn Lee	Ames, Iowa	Seattle Jocelyn Sweeney	Arnolds Park, Iowa
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### Major in Finance

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** Reed Edward Brown Darin Christians Nathan B. Conrad Ketaki Shriram Deshpande Christopher Allen Johnson Nicholas James Kauffman Matthew Todd McKnight Cody Alan Monaghan	Oskaloosa, Iowa Spirit Lake, Iowa Adel, Iowa Ames, Iowa Des Moines, Iowa Victoria, Minn. Indianola, Iowa Ryan, Iowa	David Robert Morgan William John Reiman Kevin Sabotin Andrew James Simpson * Jake Slocum Gabriel Smith Danielle Doria Walters	Ankeny, Iowa Naperville, Ill. West Des Moines, Iowa West Des Moines, Iowa Meridian, Idaho Ankeny, Iowa Hawthorn Woods, Ill.
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### Major in Human Resource Management

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William Frank Pinegar	Altoona, Iowa
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### Major in Management

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Justin Daniel Callahan Camden Matthew Carstens Carter Copple Megan Jill Haley	Nora Springs, Iowa Johnston, Iowa Sloan, Iowa Creston, Iowa	Jacob D. Kiesey Kyle Tucker Olberding Sylia Athena Schaper	Cedar Rapids, Iowa Glidden, Iowa Ames, Iowa
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### Major in Management Information Systems

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Misbah Akber Ali Henry Manrique Artero John A. Bielfeldt Lucas J. Blaha Samuel B. Boerner	Waukee, Iowa Des Moines, Iowa Brookings, S. Dak. Council Bluffs, Iowa West Des Moines, Iowa	Derek Roger Bond Mia Hiveley Jian Jun Janes Prem Rohan Paul Brady Shay	Ankeny, Iowa Waukee, Iowa Rolling Meadows, Ill. West Des Moines, Iowa Johnston, Iowa
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\* Cum Laude  
\*\* Magna Cum Laude

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



## Major in Marketing

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Delaney Rae Bertman	<i>Adel, Iowa</i>	Edwin Alexander Roa	<i>Torrance, Calif.</i>
Matthew J. Cavins	<i>Bettendorf, Iowa</i>	Blaise William Rosson	<i>Burlington, Iowa</i>
Leone M. Gichure-Marira	<i>Fairfield, Iowa</i>	Dylan William Schenk	<i>Eden Prairie, Minn.</i>
Kendra Kay Mahan	<i>Creston, Iowa</i>	Kayla Raye Tauke	<i>Pella, Iowa</i>
Gavin Bittle Miller	<i>Polk City, Iowa</i>	*** Ross Michael Vanwyk	<i>Ankeny, Iowa</i>
Alisha Lynn Pfeifer	<i>Long Lake, Minn.</i>		

## Major in Supply Chain Management

---

Colby Michael Chase	<i>Des Moines, Iowa</i>	Alexander Y. Park	<i>St. Charles, Ill.</i>
Hayden James Hart	<i>Marion, Iowa</i>		

## Multiple Curricula and Majors

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Kaden Boyd Schossow	<i>Sioux City, Iowa</i>	* Devin Logan Sweet	<i>Cedar Falls, Iowa</i>
Management Information Systems and Business Analytics		Actuarial Science and Finance	

\* Cum Laude

\*\* Magna Cum Laude

\*\*\* Summa Cum Laude

† Honors Program

# DEGREE RECIPIENTS FROM THE COLLEGE OF DESIGN

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## BACHELOR OF ARTS

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### Curriculum in Art and Design

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Daniel William Dressen

*Urbandale, Iowa*

Lyndsy Ranae Fay

*Sioux City, Iowa*

## BACHELOR OF FINE ARTS

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### Curriculum in Graphic Design

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\*\*\* Cabria Marie Olsen

*Pleasant Hill, Iowa*

### Curriculum in Integrated Studio Arts

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\*\* Rowan Eileen Larson

*Elmhurst, Ill.*

## BACHELOR OF INDUSTRIAL DESIGN

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### Curriculum in Industrial Design

---

\* Carmen Denise Hendrickson

*Beaverton, Oreg.*

Matthew David Sauer

*Minneapolis, Minn.*

\* *Cum Laude*

\*\* *Magna Cum Laude*

\*\*\* *Summa Cum Laude*

† *Honors Program*

# DEGREE RECIPIENTS FROM THE COLLEGE OF ENGINEERING

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## BACHELOR OF SCIENCE

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### Curriculum in Aerospace Engineering

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Garrett Michael Hein	Zumbro Falls, Minn.	Sooraj Nandakumar	Kerala, India
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### Curriculum in Agricultural Engineering

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Gabe Christian Shultz	Rutledge, Mo.
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### Curriculum in Biological Systems Engineering

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Hunter David Fredrickson	Independence, Wis.	*** Thomas Adams Young	Baltimore, Md.
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### Curriculum in Civil Engineering

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Alejandro Castillo	Elgin, Ill.
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### Curriculum in Computer Engineering

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Joshua Thomas St. John	West Branch, Iowa
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### Curriculum in Construction Engineering

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Samuel Taeger Harkness	La Crosse, Wis.
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### Curriculum in Cyber Security Engineering

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Tiffanie Fix	Jefferson, Iowa	Leah Vaughn Wamsley	Omaha, Neb.
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### Curriculum in Industrial Engineering

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Joshua M. Alexander	Eagan, Minn.	Madilyn Ashley Ziegert	Granger, Ind.
Nicholas Benjamin Austin	Lakeville, Minn.		

### Curriculum in Mechanical Engineering

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Gabrielle V. Arango	Rio Rancho, N. Mex.	Ethan Scott Robus	West Des Moines, Iowa
Oluwadamilola Ashade	Richmond, Tex.	Justin Elliot Rosas	Underwood, Iowa
* Jack Matthew Bauerle	Farmington, Minn.	Shivam Sachdev	New Delhi, India
Yuanxin Chen	Xiamen, China	** Adam J. Schmitt	Holy Cross, Iowa
Connor Patrick Durbin	Maryville, Mo.	Alexis Tinoco	Joliet, Ill.
Joshua E. Fox	Mokena, Ill.	Arturo Umpierre	Guaynabo, Puerto Rico
Ryan Thomas Nelson	Esko, Minn.	Samuel Allen Yoder	Fort Collins, Colo.
Anthony Joseph Restivo	Elk Grove Village, Ill.		

### Curriculum in Software Engineering

---

Jack Macmaster Doe	West Des Moines, Iowa	Isaiah Alec Mundy	Clive, Iowa
Omar Muhammetkulyyev	Mary, Turkmenistan	Alex Tommy Vongphandy	Des Moines, Iowa

\* Cum Laude  
\*\* Magna Cum Laude

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

## Multiple Curricula and Majors

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† Samuel John Potter                      Waverly, Iowa  
Computer Engineering and Liberal Arts and  
Sciences: Major in Mathematics

# DEGREE RECIPIENTS FROM THE COLLEGE OF HEALTH AND HUMAN SCIENCES

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## BACHELOR OF SCIENCE

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### Curriculum in Apparel, Merchandising, and Design

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Emma Nichole Carrel	Ankeny, Iowa	Madison Kathryn Lee	Ames, Iowa
* Madison Harper Halliday	Highlands Ranch, Colo.	Samantha Kay Miller	Norwalk, Iowa
Olivia Rebecca Larson	Clear Lake, Iowa	Kristina Faith Shepard	St. Paul, Minn.

### Curriculum in Dietetics

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Julia Kathryn Benson	Omaha, Neb.	*** Teagan Thayer Musselman	Glenwood, Iowa
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### Curriculum in Event Management

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** Lilly Kay Bormann	Humboldt, Iowa	Audrey Noel Hronich	West Des Moines, Iowa
Jazmyn Ray Hernandez	West Liberty, Iowa	Kenedy Simone Wright	Waukee, Iowa

### Curriculum in Hospitality Management

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** Hang Diem Ngoc Nguyen	Sioux City, Iowa	Ryan P. Walsh	Scottsdale, Ariz.
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### Curriculum in Human Development and Family Studies

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Abby Lee Dingman	St. Paul, Iowa	Daniela Mendez	Des Moines, Iowa
Montserrat Gonzalez Padilla	Des Moines, Iowa	Lauren Holli Propp	Marshalltown, Iowa
Mary Elise Gourley	New Providence, Iowa	Christine Hope Steeples	Des Moines, Iowa
Ann Khanthaphengxay	Des Moines, Iowa	** Amanda Jo Stogdill	Council Bluffs, Iowa
Maya Gabrielle Knudsen	West Des Moines, Iowa	Hannah Marie Velazquez	Ames, Iowa
Ana Louise Rae Larsen	Plymouth, Minn.		

### Curriculum in Kinesiology and Health

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Dante M. Ambers	Des Moines, Iowa	Chance Christopher Light	Concord, N.C.
*** Nathaniel Boell	Carroll, Iowa	Ruth Irene Marth	Estherville, Iowa
Joel Alejandro Castro	Woodbury, Minn.	Carlton Paa Kwesi Mensah	Matteson, Ill.
Christabel Dawn Deas	Earling, Iowa	Hope Leslie Ogg	Elliott, Iowa
Rowan Shaw Forsythe	Waukee, Iowa	Andrew Fredrik Palar	Ames, Iowa
Morgan P. Giertz	Oswego, Ill.	Kade D. Patterson	West Des Moines, Iowa
Jaqueline Melissa Guardado	Perry, Iowa	*** Taylor Madison Rytting	Eagan, Minn.
Adam Harris	Corning, Iowa	Eva Jeanette Sherman	Red Oak, Iowa
Cale John Hendricks	Grundy Center, Iowa	Maison Alexander Vasquez	Webster City, Iowa
Joey Ho	Council Bluffs, Iowa	*** Caitlin Rose Weber	Council Bluffs, Iowa
Sophie Clare Juillard	The Woodlands, Tex.	Jenna Renee-Frances Wilson	Ames, Iowa
Marcus Lee	Carroll, Iowa		

### Curriculum in Nutritional Science

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Hannah Belanger	Grafton, Wis.
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\* Cum Laude  
\*\* Magna Cum Laude

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

# BACHELOR OF SCIENCE IN NURSING

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## Curriculum in Nursing

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\* Adriana Lizarde Garcia

*Traer, Iowa*

Ashlee Chantal Maurer

*Des Moines, Iowa*

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

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

# DEGREE RECIPIENTS FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

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## BACHELOR OF ARTS

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### Major in Advertising

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Kiara Nicole Banks	Des Moines, Iowa	*** Sydney Lee Parizek	Tama, Iowa
Rylee Kae Haynes	Creston, Iowa	Colton Jorge Pike	Ames, Iowa
Gabrielle Marie Hulsing	West Des Moines, Iowa	Rachel Jo Vespa	Urbandale, Iowa

### Major in Communication Studies

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Regan Suzanne Freland	Des Moines, Iowa	Sarah Kay Rush	Carlisle, Iowa
*** Rory Joe McDermott	Madrid, Iowa	*** Kya Theron Stilwell	Clive, Iowa
Maxwell Patrick Molander	Marion, Iowa		

### Major in Computer Science

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Peyton J. Arbuckle	Urbandale, Iowa	Jacob Daniel Huseman	Waukee, Iowa
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### Major in Criminal Justice

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Kali Leeanne Gose	Hughson, Calif.	Robert John Polidoro	Poughkeepsie, N.Y.
Nicholas Joseph Lawler	Clare, Iowa	Taylor Marie Wearmouth	Newton, Iowa

### Major in English

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Abigail Nicole Prentice	Cedar Rapids, Iowa
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### Major in Performing Arts

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Brandon M. Schumann	Libertyville, Ill.
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### Major in Political Science

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* Chukwuneny Obiuto Agba	Ames, Iowa
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### Major in Psychology

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Cathryn Grace Baker	Fairfield, Iowa	***† Clayton Peters	Jefferson, Iowa
Emily Grace Gray	Ames, Iowa	*** Andralynne Rae Piittmann	Treynor, Iowa
Kalyn Lynn Langenhorst	Larchwood, Iowa	Elizabeth Jane Semple	Des Moines, Iowa
Malia Louise Mentele	Papillion, Neb.	Svea Joy Torgerson	Loretto, Minn.
Mackenzie Grace Moyer	Marshalltown, Iowa		

### Major in Religious Studies

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Maria Elena Fiordelisi	Des Moines, Iowa	Richard C. Johnson	Bettendorf, Iowa
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### Major in Sociology

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Zoey G. Watson	Des Moines, Iowa
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\* Cum Laude

\*\* Magna Cum Laude

‡ Posthumous Degree

\*\*\* Summa Cum Laude

† Honors Program

## Major in Women's and Gender Studies

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Rowan Aventurine Apland      West Des Moines, Iowa      \*\*\* Kaibrea Mikayla Schoning      Clear Lake, Iowa

## Multiple Curricula and Majors

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Cheyenne Linnea Ree Parrott      Afton, Iowa      Lexie Lynn Smith      Jewell, Iowa  
Criminal Justice and Psychology      Criminal Justice and Human Development and  
Family Studies

## BACHELOR OF LIBERAL STUDIES

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### Major in Liberal Studies

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Danny Dean Burch-Vallejo	Clive, Iowa	Omer M. Idres	Iowa City, Iowa
Adnerys De Jesus	Old Greenwich, Conn.	Edward Jerome Thompson II	Johnston, Iowa
Sydney Jean Donahue	Altoona, Iowa	Brianna C. Trainor	Gilbert, Iowa
Jason Jerome Harris	Clearwater, Fla.	Charles C. Van Der Woodsen	Des Moines, Iowa
Nicole Marie Howe	San Juan, Puerto Rico	Vincent Alexander Vasquez	Des Moines, Iowa
Conner William Hunt	The Colony, Tex.		

## BACHELOR OF MUSIC

---

### Major in Music

---

Derek William Friederichs      Dixon, Iowa

## BACHELOR OF SCIENCE

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### Major in Bioinformatics and Computational Biology

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Tawfeeq Yasir Alimami      West Des Moines, Iowa

### Major in Biology

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Hannah Leilani Aponte	Chicago, Ill.	* Madison Jo Hoffman	Indianola, Iowa
** Lynn Choi	Seoul, South Korea	** Addison Grace Lincoln	Fort Dodge, Iowa
** Jordan Lynn Hansen	Whittemore, Iowa	* Adriane Nelson	Montrose, Minn.

### Major in Computer Science

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Joshua Richard Lawrinenko	Williamsville, Mo.	Van Gia Bao Nguyen	Danang, Vietnam
Lucas Martin Metcalf	Waterloo, Iowa		

### Major in Data Science

---

‡ Justin Hoa Nguyen      San José, Calif.

\* Cum Laude  
\*\* Magna Cum Laude

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









## Honorary Degree Recipients



# HONORARY DEGREE RECIPIENTS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**1926: Matt Luckiesh, Doctor of Science.**

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

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

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

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

**1929: Clifford P. Fitch, Doctor of Science.**

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

**1932: John Hammond, Doctor of Science.**

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

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

**1935: Duncan Marshall, Doctor of Agriculture.**

**1936: Ronald Alymer Fisher, Doctor of Science.**

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

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

**1942: George Harrison Shull, Doctor of Science.**

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

**1944: Rush B. Lincoln, Doctor of Science.**

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

**1945: Thomas Ray Stanton, Doctor of Agriculture.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**1957: Belle Lowe, Doctor of Science.**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**2006: Monkombu Sambasivan Swaminathan, Doctor of Human 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 U.S.-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 at 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-hours-long 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. 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.**

B.S. Franklin Pierce College; M.S. Arizona State University; Ph.D. University of Illinois at Urbana-Champaign. 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)