

Dear Iowa State University Graduates and Guests:

Congratulations to all of the Fall 2015 graduates of Iowa State University!

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

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



Iowa State University is now in its 157th year as one of the nation's outstanding land-grant universities. We are very proud of the role this university has played in preparing the future leaders of our state, nation and world, and in meeting the needs of our society through excellence in education, research and outreach. As you graduate today, you are now a part of this great tradition, and we look forward to the many contributions you will make.

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

Sincerely,

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

Steven Leath
President of the University

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*Candidates listed in this program reflect information received by the Office of the Registrar as of November 30, 2015.
Listing in this program is not official proof of graduation.*

THE OFFICIAL UNIVERSITY MACE

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

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

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

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

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

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

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

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

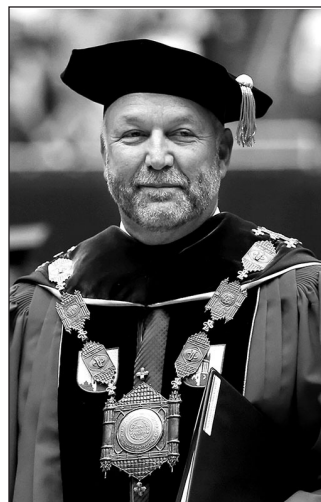
Sculptor Jeanne L. Stevens-Sollman of Bellefonte, Pennsylvania designed and crafted the Iowa State University mace.



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

THE PRESIDENTIAL CHAIN OF OFFICE

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



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

Created by sculptor Jeanne Stevens-Sollman—the same artist who created Iowa State's mace—the presidential chain of office complements the mace. The two

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

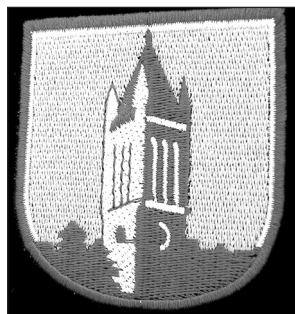
The front of the presidential chain of office features an image of the campanile, and Beardshear Hall's east portico (the campus home of the president) is on the back. The shoulder epaulets are the columns of Beardshear and contain the words Leadership and Service. The campanile links in the presidential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

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

ACADEMIC REGALIA

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

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



completes the official regalia.

The ceremony as well as the academic costume at commencement symbolize the record of academic achievement of the various individuals taking part in commencement exercises.

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, like those at Bologna and Chartres, 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. Hoods were also functional, while colors were reserved for masters (or teachers) rather than bachelors (or students). Initially, the colors indicated one's discipline, such as the green of nature for a degree in medicine.

Mortarboards, with black or gold tassels, and school colors came later; but the clerical formality of the academic gown continues to represent the dedication and nobility of the scholar's vocation.

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

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

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

- Agriculture and Life Sciences – Maize
- Business – Nugget
- Design – Brown
- Engineering – Orange
- Human Sciences – Maroon
- Liberal Arts and Sciences
 - Bachelor of Arts – White
 - Bachelor of Liberal Studies – White
 - Bachelor of Music – Pink
 - Bachelor of Science – Golden Yellow
- Veterinary Medicine – Gray

The hood gives color to the academic costume while its length indicates the wearer's academic degree. At Iowa State, hoods are worn by doctorate degree recipients. Exceptions are made for honorary degree recipients and other officials of the ceremony. In general, hoods are made of a wide panel of black cloth, matching the gown and are lined with satin in the official academic colors of the institution awarding the degree.



Iowa State University's colors are cardinal and gold, therefore the top half of the lining is gold and the lower part is cardinal. The colors used in the edging of hoods and tassels are associated with the discipline. For example, dark blue represents Philosophy and all hoods used in conferring the Doctor of Philosophy degree at Iowa State University are of dark blue edging.

HOODING CEREMONY, DOCTOR OF PHILOSOPHY

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

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

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

research has already contributed significantly to human knowledge.

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

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

ACADEMIC TITLES

The following provides a brief description for the academic titles that appear in this program followed by a list of symbols for each title. Where appropriate, a symbol will be displayed behind the person's name.

Distinguished Professor denotes those faculty members who have been recognized for having attained outstanding national and international reputations within their professional disciplines.

University Professor denotes those faculty members who have been recognized for having made outstanding contributions to the quality of education at Iowa State University.

An endowed chair or professorship provides special recognition to the faculty member to whom the title is awarded. It is held for a specific term, and during that time, endowment earnings are used by the university to supplement departmental support of the faculty member's scholarship and responsibilities in teaching, research, outreach, and service. These chairholders specialize in areas of study identified by the donors who created the endowments.

- ‡ Distinguished Professor
- ‡‡ University Professor
- ◇ Endowed Chair
- ◇◇ Endowed Professorship

SPECIAL RECOGNITION, ADVANCED DEGREES

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

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

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

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

- § Research Excellence Award
- †† Teaching Excellence Award

SPECIAL RECOGNITION, UNDERGRADUATE DEGREES

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

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

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

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

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

ADDITIONAL RECOGNITION, UNDERGRADUATE DEGREES

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

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

IOWA STATE UNIVERSITY TRADITIONS

The first swans on Lake LaVerne, Lancelot and Elaine, were a gift from the 1935 VEISHEA Central Committee. From that day on, there has been a pair of swans on Lake LaVerne.

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

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

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

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

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



IOWA STATE UNIVERSITY POINTS OF PRIDE

The world's first electronic digital computer was developed at Iowa State University by math and physics professor John V. Atanasoff and engineering graduate student Clifford Berry in the late 1930's. Their invention, the ABC computer, has been called the most important technological innovation of the 20th century.

Iowa State's faculty includes a Nobel Prize winner in chemistry and members of the National Academy of Engineering and the National Academy of Sciences.

Iowa State's faculty members are recognized for their scholarly efforts. They serve as editors and on editorial and advisory boards of national and international academic professional journals.

Iowa State is a member of the prestigious Association of American Universities that has a membership of only 62 major research universities in the United States and Canada.

Iowa State is one of the top three U.S. universities in the development of patentable biotechnology.

Iowa State students have a reputation for winning national and international awards. They win contests for apparel design, NASA food technology, news writing for print and broadcast, computer software, vocal music, music composition, and many more.

With more than 100 majors, 1700 faculty and 800 clubs and organizations, Iowa State has built a reputation for almost unlimited academic and social opportunities in a personal and welcoming environment.

Every state and more than 100 countries are represented in Iowa State's student body. Iowa State's 600 works of art on campus make its public art collection the largest of any university in the nation.

COMMENCEMENT PROGRAM

1:30 p.m., Saturday, December 19, 2015, James H. Hilton Coliseum

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

ProceSSIONAL

Pomp and Circumstance..... Edward Elgar

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

Conferring of the Honorary Degree, Doctor of Science
Recipient Eugene Sukup President Leath

Conferring of the Honorary Degree, Doctor of Humane Letters
Recipient Dame DeAnne Julius President Leath

Commencement Address Dame DeAnne Julius

Interlude

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

Cyclone Fantasia Michael Golemo

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

Conferring of the Doctor of Philosophy Degree President Leath
Candidates from the Graduate College presented by David K. Holger,
Associate Provost for Academic Programs and Dean of the Graduate College

Conferring of the Master's Degree President Leath
Candidates from the Graduate College presented by David K. Holger,
Associate Provost for Academic Programs and Dean of the Graduate College

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

The Class of 2015 and the Alumni Association Jeffery W. Johnson
Talbot ISUAA Endowed President and CEO

Remarks President Leath

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

Recessional

La Mousisque Tylman Susato

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

COMMENCEMENT CEREMONY

Platform Officials

Steven Leath, President of the University
Dame DeAnne Julius, Ph.D., Honorary Degree
Recipient and Commencement Speaker
Eugene G. Sukup, Honorary Degree Recipient
Jonathan A. Wickert, Senior Vice President and Provost
Thomas L. Hill, Senior Vice President for Student
Affairs
Cathann A. Kress, Vice President for Extension and
Outreach
Sarah Nusser, Vice President for Research
Michael R. Crum, Vice President for Economic
Development and Business Engagement
Reginald C. Stewart, Vice President for Diversity and
Inclusion
Dawn Bratsch-Prince, Associate Provost for Faculty
Martino Harmon, Associate Vice President for Student
Affairs
Pamela Anthony, Dean of Students
Simon Estes, F. Wendell Miller Distinguished Artist in
Residence and Commencement Vocalist
Jeffery W. Johnson, Talbot Iowa State University
Alumni Association Endowed President and
CEO
Robert S. Wallace, Associate Professor of Ecology,
Evolution and Organismal Biology and
President of the Faculty Senate
Laura J. Doering, University Registrar

David K. Holger, Associate Provost for Academic
Programs and Dean of the Graduate College
Wendy Wintersteen, Endowed Dean of the College
of Agriculture and Life Sciences; Professor
of Entomology; and Director of the
Iowa Agricultural and Home Economics
Experiment Station
Pamela J. White, Dean of the College of Human
Sciences; and University Professor of Food
Science and Human Nutrition
Luis Rico-Gutierrez, Dean of the College of Design;
and Professor of Architecture
Beate Schmittmann, Dean of the College of Liberal Arts
and Sciences; and Professor of Physics and
Astronomy
Sarah Rajala, Dean of the College of Engineering;
and James and Katherine Melsa Professor of
Engineering
David P. Spalding, David and Ellen Raisbeck Endowed
Dean of the College of Business; and Professor
of Finance
Lisa K. Nolan, Stephen G. Juelsgaard Dean of the
College of Veterinary Medicine; and Professor
of Veterinary Microbiology and Preventive
Medicine
Mary Elizabeth McNeil, Dean of the Library

Faculty Representatives and Presenting Professors

Carl Joseph Bern, Agricultural and Biosystems
Engineering ††
Robert Bosselman, Apparel, Events, and Hospitality
Management
Nicola Bowler, Materials Science and Engineering
Helle Bunzel, Economics
Anna Kerr Butters-Johnson, Animal Science
Carol Ann Chapelle, English † ✧ ✧
Michael Cho, Biomedical Sciences ✧
Scott Chumbley, Materials Science and Engineering
Lynn G. Clark, Ecology, Evolution and Organismal
Biology
Ana-Paula Correia, School of Education
Natasha N. Croom, School of Education
Thomas Earl Daniels, Electrical and Computer
Engineering
Larry H. Ebbers, School of Education ††
Nancy J. Evans, School of Education
Wendelyn Sue Fairbanks, Natural Resource Ecology
and Management
Rohan L. Fernando, Animal Science
Matthew Charles Frank, Industrial and Manufacturing
Systems Engineering

Ann M. Gansemer-Topf, School of Education
Mark L. Gleason, Plant Pathology and Microbiology
Douglas Drake Gransberg, Civil, Construction and
Environmental Engineering
Linda Hagedorn, School of Education
Shauna L. Hallmark, Civil, Construction and
Environmental Engineering
Scott W. Hansen, Mathematics
Stephanie L. Hansen, Animal Science
James Hollis, Food Science and Human Nutrition
Wenyu Huang, Chemistry
Laura Jarboe, Chemical and Biological Engineering
David C. Jiles, Electrical and Computer
Engineering † ✧
Douglas E. Jones, Veterinary Pathology
Phillip Harrison Jones, Electrical and Computer
Engineering
Ratnesh Kumar, Electrical and Computer Engineering
Susan J. Lamont, Animal Science †
Andrew William Lenness, Agronomy
Thomas Lubberstedt, Agronomy ✧
Gustavo Macintosh, Biochemistry, Biophysics and
Molecular Biology

†Distinguished Professor

✧Endowed Chair

††University Professor

✧✧Endowed Professorship

Faculty Representatives and Presenting Professors (continued)

Joanne Marshall, School of Education
Christine Maynard, Human Development and Family Studies
Robert Edward Mazur, Sociology and Anthropology
James D. McCalley, Electrical and Computer Engineering ◇◇
Maura McGrail, Genetics Development and Cell Biology
Andrew S. Miner, Computer Science
Max D. Morris, Statistics
Jarad Niemi, Statistics
Marit Nilsen-Hamilton, Biochemistry, Biophysics and Molecular Biology
Lisa K. Nolan, Veterinary Microbiology and Prevention ◇
James H. Oliver, Mechanical Engineering †† ◇◇
Peter F. Orazem, Economics ††
Reuben J. Peters, Biochemistry, Biophysics and Molecular Biology
Thomas Allen Peterson, Genetics Development and Cell Biology ◇
Long Que, Electrical and Computer Engineering
Peter J. Reilly, Chemical and Biological Engineering †
Matthew James Rowling, Food Science and Human Nutrition
Randy E. Sacco, Veterinary Microbiology and Preventative Medicine
Aaron D. Sadow, Chemistry
Peter Tarmo Savolainen, Civil, Construction and Environmental Engineering

David Scott Schweingruber, Sociology and Anthropology
Michael Shogren-Knaak, Biochemistry, Biophysics and Molecular Biology
Pranav Shrotriya, Mechanical Engineering
Ravindra Narayan Singh, Biomedical Sciences ◇
Michelle Lynn Soupir, Agriculture and Biosystems Engineering
Sivalingam Sritharan, Civil, Construction and Environmental Engineering
Soko Starobin, School of Education
Xiaoli Tan, Materials Science and Engineering
Charles O. Thoen, Veterinary Microbiology and Preventive Medicine
Srikanta Tirthapura, Electrical and Computer Engineering
James P. Vary, Physics and Astronomy
Javier Vela-Becerra, Chemistry
Erik Warren Vollbrecht, Genetics Development and Cell Biology
Jigang Wang, Physics and Astronomy
Kan Wang, Agronomy
Zhiyou Wen, Food Science and Human
David J. White, Civil, Construction and Environmental Engineering
R. Christopher Williams, Civil, Construction and Environmental Engineering ◇◇
Jianming Yu, Agronomy ◇

Faculty Marshals

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

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

†Distinguished Professor
††University Professor

◇Endowed Chair
◇◇Endowed Professorship

Student Marshals and Faculty Escorts

Presentation of College Banner

Gerald Neil De La Fuente, Graduate College
Escorted by Thomas Lubberstedt, Professor of
Agronomy

Shane B. Boeshart, College of Agriculture and
Life Sciences
Escorted by Jenny Lynn Macken, Academic
Adviser in Agricultural and Biosystems
Engineering

Rachel LoBianco, College of Business
Escorted by Eric J. Smith, Lecturer in Supply
Chain Management and Information Systems

Mariangely Iglesias, College of Design
Escorted by Steven M. Herrnstadt, University
Professor of Industrial Design

Michael J. Hoefler, College of Engineering
Escorted by Matthew Charles Frank, Associate
Professor of Industrial Manufacturing Systems
Engineering

Taylor Anne Richardson, College of Human Sciences
Escorted by Ann L. Thye, Academic Adviser
in the Department of Apparel, Events, and
Hospitality Management

Grant Elliot Rohach, College of Liberal Arts and
Sciences
Escorted by Kathleen Hilliard, Associate
Professor of History

Announcer and Reader of Names

Hollis Monroe

Steven K. Mickelson ✧✧

Musicians

Conductor

Michael Golemo, Director of Bands

Vocalist

Simon Estes, F. Wendell Miller Distinguished Artist in Residence

Vocalist

Phillip Sears *

Trombone

Drew Barker *

Travis Ford

Joseph Roorda

Shelbi Weeks

Trumpet

Damien Emilien *

Nicholas Gearhart

Scott Miller

Jared Thompson

Taylor Vittitoe

Horn

Emily Clark

Rachel Humeston

Samuel Johnson *

Euphonium

Peter Bekkerus

Jared Lancaster

Tuba

Jeremy Lockwood

Allen Tierney

Percussion

Connor Pearson

Ryan Pearson

* *Graduating Student*

COMMENCEMENT SPEAKER

AND

HONORARY DEGREE RECIPIENT, DOCTOR OF HUMANE LETTERS

Dame DeAnne Julius, Ph.D.

Dame DeAnne Julius is a distinguished international economist who has made many outstanding contributions to economics, business, international relations, government, policymaking, and academia. She currently serves as Chair of the Governing Council of the University College London, one of the top academic institutions in the world, and she is Vice President of the UK Society of Business Economists.



Dame DeAnne began her career as an

economic analyst for the U.S. Central Intelligence Agency before becoming a project economist with the World Bank in Washington, D.C. in 1975. Over the next seven years, she worked in Asia and East Africa, conducting rigorous analyses of the economic feasibility of proposed investment projects and became one of the Bank's senior experts in the pricing and tariff structures for electricity, petroleum, and natural gas distribution.

From 1986 to 1989, Dame DeAnne served as Director of the International Economics Programme at the Royal Institute of International Affairs, now known as Chatham House. She returned in 2003 to serve as Chairman for nine years, and she currently serves on the Chatham House Panel of Senior Advisors.

In 1997, Dame DeAnne became a founding member of the Monetary Policy Committee for the Bank of England, the nine person body that sets UK interest rates. She was later named by Queen Elizabeth II to Commander of the Most Excellent Order of the British Empire for her prominence in national civilian service. In 2013, she was elevated by the Queen to Dame Commander in the Most Distinguished Order of Saint Michael and Saint George, an honor reserved for prolonged significant and inspirational national service to the Commonwealth.

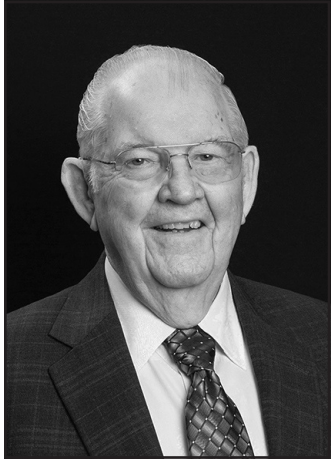
In addition to her service in the public sector, Dame DeAnne was chief economist at British Airways PLC and Royal Dutch Shell. She has also been a non-executive director on the boards of major global companies including British Petroleum, Roche, Deloitte LLP, Lloyds, and Jones Lang LaSalle.

An Iowa native, Dame DeAnne holds dual citizenship in the United States and the United Kingdom. She earned a B.S. with distinction in economics from Iowa State University, and completed her M.A. and Ph.D. in economics from the University of California at Davis. She has written five books and numerous papers on subjects ranging from foreign direct investment to strategic planning and corporate governance.

HONORARY DEGREE RECIPIENT, DOCTOR OF SCIENCE

Eugene G. Sukup

Mr. Eugene G. Sukup is founder of Sukup Manufacturing Co., the largest family-owned, full-line grain drying and storage equipment manufacturer. As an entrepreneur and civic-minded



philanthropist, he has made many groundbreaking contributions to state, national and global agriculture.

Mr. Sukup and his wife, Mary, established Sukup Manufacturing Co. in 1963 with its first product, the Stirway stirring auger, which allowed farmers to rapidly dry

a deep bed of wet corn to enable storage without spoilage, resulting in increased productivity and profitability. Their two sons, Charles and Steve, joined the company after graduating from Iowa State University. Charles holds a Master's Degree in Agricultural Engineering and Steve holds a Bachelor's Degree in Industrial Engineering. Today the Sukup Manufacturing Co. product line includes on-farm and commercial grain bins, portable and tower dryers, a full line of accessories to properly dry and store grain, a line of material handling equipment, as well as a complete line of farm and commercial steel buildings.

Over the past 50 years, Mr. Sukup and his company have amassed more than 80 U.S. patents, and Mr. Sukup's technical ingenuity has evolved from solving basic food grain production problems to helping feed and house people around the globe. One of the company's newest innovations, the Sukup Safe T Home®, is an ingenious application of the Sukup grain bin technology adapted to sustain hurricane-force winds. The homes have been shipped across the globe to countries including Haiti, the Philippines, and Kenya.

Sukup Manufacturing Co., headquartered in Sheffield, Iowa, covers 1,000,000 sq. ft. of office, manufacturing, and warehouse space, and employs more than 550 people, making it one of the largest employers in North-Central Iowa. In addition, the company has distribution centers in six states and boasts sales in every state and more than 80 countries.

Over the years, Mr. Sukup has earned a number of accolades for his work. In 2006, he was inducted into the Iowa Inventors Hall of Farm. The following year he received the Outstanding Innovation Award by the American Society of Agricultural and Biological Engineers. In 2011, he received the Iowa State University Honorary Alumni Award and was inducted into the Iowa Business Hall of Fame. In 2014, Mr. Sukup was voted to become a member of Tau Beta Pi as an Eminent Engineer, and he was named a 2015 Legend in Manufacturing by Elevate Advanced Manufacturing, a program of the Iowa Association of Business and Industry.

UNDERGRADUATE COMMENCEMENT VOCALIST

AND

F. WENDELL MILLER DISTINGUISHED ARTIST IN RESIDENCE

Simon Estes

Simon Estes is an internationally acclaimed bass-baritone who has performed in the world's major opera houses and in special performances for U.S.



presidents and international dignitaries such as Boris Yeltsin, Yassar Arafat, Yitzhak Rabin, Nelson Mandela, and Archbishop Desmond Tutu. Since 2000, he has been a faculty member at Iowa State University, serving as the F. Wendell Miller Distinguished Artist-in-Residence with

the Department of Music and Theatre, sharing his incredible talents and musical knowledge with students and at numerous activities and events.

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

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

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

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

CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Mohannad Khaled Ali Abuajamieh *Ames, Iowa*
Bach. University of Jordan
Master. University of Jordan
Department: Animal Science
Major: Animal Science
Dissertation: Effects of heat stress or ketosis on metabolism and inflammatory biomarkers in ruminants and monogastrics

§ Ahmad Abdulraheem Alhasan *Amman, Jordan*
B. Hashemite University
M.S. University of Akron
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Geotechnical Engineering)
Dissertation: Quantifying road roughness: Multiresolution and near real-time analysis

††§ Lakshmi Ruwani Attigala *Awissawella, Sri Lanka*
B.S. University of Colombo
Department: Ecology, Evolution and Organismal Biology
Major: Ecology and Evolutionary Biology
Dissertation: Phylogenetics, systematics and evolution of the temperate woody bamboos with an emphasis on the Kuruna clade

Muhammad Aurangzaib *Liaquatpur, Pakistan*
B.S. University of Balochistan
M.S. Iowa State University
Department: Agronomy
Major: Crop Production and Physiology
Dissertation: Developmental morphology, biomass yield and compositional differences among upland and lowland switchgrass (*Panicum virgatum* L.) ecotypes grown as a bioenergy feedstock crop

John Ysrael Guevarra Baluyut *Manila, Phillipines*
B.S. University of the Philippines
M.S. University of Connecticut
M.S. Iowa State University
Department: Chemistry
Major: Chemistry (Chemical Education)
Dissertation: Unpacking students' atomistic understanding of stoichiometry

§ Saikat Banerjee *Kolkata, India*
B.S. Vellore Institute of Technology
M.S. Madurai Kamaraj University
Department: Biomedical Sciences
Major: Molecular, Cellular and Developmental Biology
Dissertation: Design and evaluation of immunogens based on gp41 membrane-proximal external region for development of a vaccine against human immunodeficiency virus type 1

Andrea Diane Basche *Egg Harbor Township, N.J.*
B.S. Fordham University
M.A. Columbia University-Columbia College
Department: Agronomy
Majors: Sustainable Agriculture and Crop Production and Physiology
Dissertation: Climate-smart agriculture in Midwest cropping systems: Evaluating the benefits and tradeoffs of cover crops

Luke Allen Behaunek *Belle Plaine, Iowa*
B.A. Cornell College
M.Educ. Iowa State University
School: Education
Major: Education (Educational Leadership)
Dissertation: Tuition discounting at private higher education institutions and implications for revenue

Michael Benitez *Easton, Penn.*
B.S. Pennsylvania State University
M.Educ. Pennsylvania State University
School: Education
Major: Education (Educational Leadership)
Dissertation: Latin@ identity politics in higher education: Unveiling representations of whiteness in Latin@ culture

Ujjal Bhattacharjee *Chandannagar, India*
B.S. University of Calcutta
M.S. Indian Institute of Technology-Bombay
Department: Chemistry
Major: Physical Chemistry
Dissertation: Application of spectroscopy and super-resolution microscopy: Excited state dynamics of relevant fluorescent dyes and nano-materials, characterization of solar cell materials and diagnosis of neuro-degenerative disease

- Marie M. Bockenstedt *Arlington, Iowa*
 B.A. Wartburg College
 D.V.M. Iowa State University
 Department: Veterinary Pathology
 Major: Veterinary Pathology
 Dissertation: Antibody enhanced intracellular killing of *Leishmania amazonensis*: The role of soluble immune complexes and their effect on autophagy
- Randal T. Capsel *Ames, Iowa*
 B.S. Iowa State University
 M.S. Iowa State University
 Department: Veterinary Microbiology and Preventive Medicine
 Major: Veterinary Microbiology
 Dissertation: Development of an improved production method, determination of protein composition, and potency characterization of *Mycobacterium avium* subsp. *paratuberculosis* purified protein derivative
- ††§ Kuangcai Chen *Taizhou, China*
 B.S. Shandong University
 M.S. Changwon National University
 Department: Chemistry
 Major: Analytical Chemistry
 Dissertation: Development and applications of single particle orientation and rotational tracking in dynamic systems
- Yingfei Chen *Shanghai, China*
 B.S. Shanghai Jiaotong University
 M.S. Iowa State University
 Department: Chemical and Biological Engineering
 Major: Chemical Engineering
 Dissertation: A study of carboxylic ester hydrolases: Structural classification, properties, and database
- § Isaac Zvi Christiansen *Des Moines, Iowa*
 B.A. Drake University
 M.S. Iowa State University
 Department: Sociology
 Major: Sociology
 Dissertation: Resource distribution, accessibility, and health equity: From global analyses to the Cuban case
- § Jessica Diane Colpoys *Boone, Iowa*
 B.S. Iowa State University
 Department: Animal Science
 Major: Animal Physiology (Ethology)
 Dissertation: Swine feed efficiency: Implications for swine behavior, physiology and welfare
- Abby Marie Copeman Petig *Grinnell, Iowa*
 B.A. Grinnell College
 M.A. Tufts University
 Department: Human Development and Family Studies
 Major: Human Development and Family Studies
 Dissertation: The transition to kindergarten: Factors associated with a positive adjustment
- Atena Darvishi *Tehran, Iran*
 Bach. Azarbaeijan Tarbiat Moallem University
 Master. Amirkabir University of Technology
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
 Dissertation: Monitoring of single and multiple line outages with synchrophasors in areas of the power system
- § Gerald Neil De La Fuente *Pearson, Tex.*
 B.S. Texas A & M University
 M.S. Texas A & M University
 Department: Agronomy
 Major: Plant Breeding
 Dissertation: Improvements to the maize (*Zea mays L.*) in vivo maternal doubled haploid system
- § Cheng Deng *Hengyang, China*
 B.E. Harbin Institute of Technology
 M.S. Harbin Institute of Technology
 M.S. Iowa State University
 Department: Mechanical Engineering
 Major: Mechanical Engineering
 Dissertation: Shock wave induced freeform technique (SWIFT) for manufacturing of diamond micro-tools
- Elena Nefedova Dodge *Waterloo, Iowa*
 Diploma Moscow University
 M.B.A. University of Northern Iowa
 School: Education
 Major: Education (Educational Leadership)
 Dissertation: Academic engagement of international students at community colleges: A culturally sensitive measurement model
- Bin Dong *Mianyang, China*
 B.S. Xiamen University
 Department: Chemistry
 Major: Analytical Chemistry
 Dissertation: Super-resolution and super-localization microscopy: A novel tool for imaging biological and chemical processes

†† Dana L. Drochner *Woodruff, Wis.*
B.S. University of Wisconsin-Platteville
Department: Chemistry
Major: Organic Chemistry
Dissertation: Rational design and
characterization of electron-deficient
heterocycles for organic photovoltaic
materials

§ Kirsten Charlotte Eberle *Omaha, Neb.*
B.S. Nebraska Wesleyan University
Department: Veterinary Microbiology and
Preventive Medicine
Majors: Molecular, Cellular and
Developmental Biology and
Immunobiology
Dissertation: Molecular characterization
of human, bovine, and dolphin
parainfluenza viruses: Viral genome
sequencing and epithelial cell signaling
responses following in vitro infection

David Jon Eisenmann *Slater, Iowa*
B.S. Iowa State University
M.A. Maryville University
B.S. Iowa State University
Department: Materials Science and
Engineering
Major: Materials Science and Engineering
Dissertation: Effects of alloying elements
on the microstructure and fatigue
properties of cast iron for internal
combustion engine exhaust manifolds

Christine Hutchison Emilien
New Orleans, La.
B.S.E. Tulane University of Louisiana
B.S. Tulane University of Louisiana
Department: Food Science and Human
Nutrition
Major: Nutritional Sciences (Human
Nutrition)
Dissertation: The effects of non-viscous,
fermentable fibers on appetite and food
intake in healthy adults

Kimberly D. Everett *Chicago, Ill.*
B.S. Iowa State University
M.Educ. Iowa State University
School: Education
Major: Education (Educational
Leadership)
Dissertation: Textual silences and the
(re)presentation of Black undergraduate
women in higher education journals: A
critical discourse analysis

§ Monique Donica Ewan
Highgate, St. Mary, Jamaica
B.S. Fisk University
Department: Chemistry
Major: Chemistry (Materials Chemistry)
Dissertation: Evaluation and optimization
of photovoltaic cells comprised from
benzodifuran and benzobisoxazole
based polymers

Peter Gregory Eyheralde *Vallejo, Calif.*
B.A. University of Northern Iowa
Department: Natural Resources and
Ecology Management
Major: Ecology and Evolutionary Biology
Dissertation: Bison-mediated seed
dispersal in a tallgrass prairie
reconstruction

††§ Hui-Hsien Feng *Kaohsiung City, Taiwan*
B.A. National Kaohsiung First University
of Science and Technology
M.A. Ohio State University
Department: English
Major: Applied Linguistics and
Technology
Dissertation: Designing, implementing,
and evaluating an automated writing
evaluation tool for improving EFL
graduate students' abstract writing: A
case in Taiwan

Shuren Feng *Nanyang, China*
B.S. Tianjin Normal University
M.S. Nankai University
Department: Biochemistry, Biophysics and
Molecular Biology
Major: Molecular, Cellular and
Developmental Biology
Dissertation: Self-assembly of
biomineralization protein Mms6 and its
function as a ferric iron reductase that
associates with lipid membranes

Rivka Brandt Fidel *Irvington, N.Y.*
B.S. Union College
M.S. Iowa State University
Department: Agronomy
Major: Soil Science (Soil Chemistry)
Dissertation: Biochar properties and
impact on soil CO₂ and N₂O emissions

§ Brice Edward Floyd *Elwood, Ind.*
B.S. Indiana University-Bloomington
Department: Genetics Development and
Cell Biology
Major: Plant Biology
Dissertation: Analysis of the role of RNS2
and autophagy in the turnover of
ribosomal RNA in *Arabidopsis thaliana*

†† Daniel C. Fortin *Kent, Wash.*
B.S. University of Washington
M.S. Western Washington University
Department: Statistics
Major: Statistics
Dissertation: Contributions to modeling
spatially indexed functional data using
a reproducing kernel Hilbert space
framework

Xuan Ge *Tongling Anhui, China*
B.E. Huazhong University of Science and
Technology
M.S. Iowa State University
Department: Aerospace Engineering
Major: Aerospace Engineering
Dissertation: A bypass transition model
based on the intermittency function

Daniel James Gieseeman *Ames, Iowa*
B.S. Iowa State University
M.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Dissertation: Countering the parking lot
attack: Employing monopulse radar
methods to detect and geo-locate RF
targets operating in the 2.4 GHz ISM
band

Karly Constance Good *Bloomfield, Iowa*
B.A. University of Northern Iowa
M.A. Wake Forest University
School: Education
Major: Education (Curriculum and
Instructional Technology)
Dissertation: Investigating relationships
between educational technology use
and other instructional elements using
"big data" in higher education

Martin Anthony Gross *Logan, Iowa*
B.S. Iowa State University
M.S. Iowa State University
Departments: Agricultural and Biosystems
Engineering and Food Science and
Human Nutrition
Majors: Agricultural and Biosystems
Engineering and Food Science and
Technology
Dissertation: Development and
optimization of biofilm based algal
cultivation

Marcy Rose Sweeden Hahn *Indianola, Iowa*
B.A. University of Nebraska at Kearney
M.Educ. University of Nebraska at
Lincoln
School: Education
Major: Education (Educational
Leadership)
Dissertation: Teacher perception of
and experience with state mandated
implementation of multi-tiered systems
of support/response to intervention

†† Benjamin James Hale *Mason City, Iowa*
B.S. University of Northern Iowa
Department: Chemistry
Major: Organic Chemistry
Dissertation: Influence of heterocycle
substitution in pi-functional materials
for organic photovoltaics

Richard Earl Hall II *Anthem, Ariz.*
B.S. Northern Arizona University
M.S. Arizona State University
Department: Apparel, Events, and
Hospitality Management
Major: Hospitality Management
Dissertation: Impediments of
implementing computer-based training
for employees: Perceptions of restaurant
owners in a Quick Service Restaurant
(QSR) chain using a mixed methods
approach

§ Ebadollah Honarvar Gheitanbaf *Tehran, Iran*
B. University of Tehran
M.S. University of New Mexico
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)
Dissertation: Improving the prediction of
time-dependent effects on prestressed
concrete bridges

Michael Lloyd Hudak *Dekalb, Ill.*
B.A. University of Illinois-Urbana
Champaign
Department: Economics
Major: Economics
Dissertation: Three studies on applying
positive mathematical programming
and bayesian analysis to model US crop
supply

†† Jenee Lynn Jacobs *Springbrook, Iowa*
B.S. University of Wisconsin-Platteville
Department: Chemistry
Major: Analytical Chemistry
Dissertation: Diagnostic studies of ion
beam formation in inductively coupled
plasma mass spectrometry with the
collision reaction interface

- Yaping Jing *Ames, Iowa*
 B.S. Iowa State University
 M.S. Iowa State University
 Department: Computer Science
 Major: Computer Science
 Dissertation: A formal language towards the unification of model checking and performance evaluation
- Meneka C. Johnson *Greenville, N.C.*
 B.S. North Carolina Agriculture & Technology State University
 M.S. Iowa State University
 Department: Human Development and Family Studies
 Major: Human Development and Family Studies
 Dissertation: Examining resources and their influence on developmental health outcomes in older African Americans
- Ashish Mukund Joshi *Mumbai, India*
 B.E. University of Pune
 M.S. Iowa State University
 Department: Industrial and Manufacturing Systems Engineering
 Major: Industrial Engineering
 Dissertation: Computer aided process planning for multi-axis CNC machining using feature free polygonal CAD models
- Sung-Ju Kang *Seoul, South Korea*
 B.S. University of Texas at Austin
 B.A. University of Texas at Austin
 Department: Physics and Astronomy
 Major: Astrophysics
 Dissertation: A study of four galactic small H II Regions: Searching for spontaneous and sequential star formation scenarios
- § Hanumanthrao Kannan *Coimbatore, India*
 B.E. Anna University
 Department: Aerospace Engineering
 Major: Aerospace Engineering
 Dissertation: An MDO augmented value-based systems engineering approach to holistic design decision-making: A satellite system case study
- Jewoo Kim *Incheon, South Korea*
 B.A. Yonsei University
 M.B.A. Brandeis University
 Department: Apparel, Events, and Hospitality Management
 Major: Hospitality Management
 Dissertation: What drives mergers and acquisitions in the restaurant industry?
- †† Nicole Frances Kingsley *Pavilion, N.Y.*
 B.A. State University of New York College at Geneseo
 M.S. Iowa State University
 Department: Mathematics
 Major: Applied Mathematics
 Dissertation: Skew propagation time
- †† Adam T. Klein *Clive, Iowa*
 B.A. Central College
 Department: Chemistry
 Major: Analytical Chemistry
 Dissertation: Advancements in mass spectrometry for biological samples: Protein chemical cross-linking and metabolite analysis of plant tissues
- § Gar Yee Koh *Ipoh, Malaysia*
 B.S. Louisiana State University and A & M College
 M.S. Louisiana State University and A & M College
 Department: Food Science and Human Nutrition
 Major: Nutritional Sciences
 Dissertation: Resistant starch: Implications in kidney health and vitamin D homeostasis in diabetes mellitus
- †† William Lai *Taipei, Taiwan*
 B.S. National Tsinghua University
 M.S. Iowa State University
 Department: Aerospace Engineering
 Major: Engineering Mechanics
 Dissertation: Characterization, fabrication, and analysis of soft dielectric elastomer actuators capable of complex 3D deformation
- § Xin Li *Tai'an, China*
 B.S. Shandong University
 Department: Agronomy
 Major: Plant Breeding
 Dissertation: Phenotypic plasticity and heterosis: Insights from sorghum flowering time and plant height
- Yang Li *Shijiazhuang, China*
 B.Nat.S. University of Science and Technology of China
 Department: Physics and Astronomy
 Major: Nuclear Physics
 Dissertation: *Ab initio* approach to quantum field theories on the light front

§ Xiao Liang *Shijiazhuang, China*
B.S. Nanjing Agriculture University
M.S. Iowa State University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Dissertation: Bacterial, particulate,
and environmental factors driving
E. coli attachment

§ Chunyu Liao *Wuhan, Hubei, China*
B.E. Hubei University of Technology
M.S. Huazhong Agricultural University
Department: Chemical and Biological
Engineering
Major: Microbiology
Dissertation: Genetic factors driving
attachment of bacteria to environmental
particles

Mark Allen Licht *Roland, Iowa*
B.S. Iowa State University
M.S. Iowa State University
Department: Agronomy
Major: Crop Production and Physiology
Dissertation: Influence of corn seeding
rate, soil attributes, and topographic
characteristics on grain yield, yield
components, and grain composition

§ Huan Lin *Shantou, China*
B.E. University of Science & Technology
of China
M.S. Iowa State University
Department: Computer Science
Major: Computer Science
Dissertation: Robot dexterity: From
deformable grasping to impulsive
manipulation

§ Xiaoming Liu *Changchun, China*
B.S. Jilin University
Department: Materials Science and
Engineering
Major: Materials Science and Engineering
Dissertation: Design and development
of high-performance lead-free
piezoelectric ceramics

Xuan Lu *Shanghai, China*
B.S. Shanghai Normal University
Department: Biochemistry, Biophysics and
Molecular Biology
Major: Plant Biology
Dissertation: Investigating the roles of
diterpenoids in rice-*xanthomonas oryzae*
interactions

Nordica Ann Maccarty *Duluth, Minn.*
B.S. Iowa State University
M.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Development and use of
an integrated systems model to design
technology strategies for energy services
in rural developing communities

†† Debasis Manda *Haldia, India*
B.Tech. West Bengal University of
Technology
Department: Computer Science
Major: Computer Science
Dissertation: Randomness in
completeness and space-bounded
computations

Wilmina Mary Marget *Blaine, Minn.*
B.S. Augsburg College
M.S. Iowa State University
Department: Statistics
Major: Statistics
Dissertation: Experimental designs for
multiple responses with different
models

Jose De Jesus Martinez *McAllen, Tex.*
B.S. University of Texas-Pan American
Department: Mathematics
Major: Applied Mathematics
Dissertation: Modeling and controllability
of a heat equation with a point mass

Kevin Wade McLain *Jefferson City, Mo.*
B.S. Kansas State University
M.S. Kansas State University
M.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Construction
Engineering and Management)
Dissertation: Optimizing the value of soil
compaction testing quality assurance
and control using stochastic life cycle
cost, comparative and statistical
analysis

Michael David Millican *Jackson, Mich.*
B.S. Grand Valley State University
Department: Plant Pathology and
Microbiology
Major: Microbiology
Dissertation: The role of plant-derived
quaternary ammonium compounds,
including carnitine and choline-O-
sulfate, on the biology of the plant
pathogen *Pseudomonas syringae* and
its interactions with the host species
Phaseolus vulgaris

Chitvan Mittal *Delhi, India*
B.S. University of Delhi
M.S. University of Delhi
Department: Biochemistry, Biophysics and
Molecular Biology
Major: Biochemistry
Dissertation: Investigating the role of
chromatin structure on SAGA mediated
nucleosomal acetylation

Kathy T. Y. Mou *Frederick, Md.*
B.S. Iowa State University
Department: Veterinary Microbiology and
Preventive Medicine
Major: Microbiology
Dissertation: Mechanisms and roles of
the LuxS system, methyl recycling, and
DNA methylation on the physiology of
Campylobacter jejuni

§ Hartinio Natalia Nahampun *Ames, Iowa*
Dip. 3&4 Sarjana Bandung Institute of
Technology
Department: Agronomy
Major: Plant Biology
Dissertation: Plant molecular farming for
the production of industrial enzyme
and vaccines

§ Ka Lai Nieve Ng Puga *Colon, Panama*
Licen. Technological University of
Panama
M.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Civil
Engineering Materials)
Dissertation: Comprehensive study on
the sustainable technology of asphalt
rubber for hot mix asphalt binders and
mixes

Bryon Alex Nicholson *Des Moines, Iowa*
B.S. Iowa State University
B.S. Iowa State University
Department: Veterinary Microbiology and
Preventive Medicine
Major: Microbiology
Dissertation: Genomic epidemiology and
characterization of neonatal meningitis
Escherichia coli and their virulence
plasmids

Oluwaseyi A. Olatujoye *Lagos, Nigeria*
B.S. University of Texas at El Paso
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Dissertation: Uncertainty in power system
planning

††§ Kevin Francis Palmowski *Syracuse, N.Y.*
B.A. State University of New York College
at Geneseo
Department: Mathematics
Major: Applied Mathematics
Dissertation: A fractional approach to
minimum rank and zero forcing

§ Magesh Kumar Paramasivam *Chennai, India*
B.E. Anna University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Dissertation: Dynamic optimization based
reactive power planning for improving
short-term voltage performance

Moonyoung Park *Daegu, Republic of Korea*
B.A. Keimyung University
M.A. Keimyung University
M.A. University of Hawaii at Manoa
Department: English
Major: Applied Linguistics and
Technology
Dissertation: Development and validation
of virtual interactive tasks for an
aviation English assessment

†† Sara Prot *Zagreb, Croatia*
Diplome University of Zagreb
Department: Psychology
Major: Psychology
Dissertation: Science denial as intergroup
conflict: Using social identity theory,
intergroup emotions theory and
intergroup threat theory to explain
angry denial of science

†† Srihari Radhakrishnan *Coimbatore, India*
B.E. Birla Institute of Technology and
Science
Department: Ecology, Evolution and
Organismal Biology
Major: Bioinformatics and Computational
Biology
Dissertation: Studies on the causes and
consequences of sex determination in
turtles

Jostein R. Reinert *Canton, S. Dak.*
B.A. St. Olaf College
Department: Statistics
Major: Statistics
Dissertation: Computer model
optimization within hidden constraints

§ Jason R. Russell *Brooklyn, Wis.*
B.S. University of Wisconsin-Madison
Department: Animal Science
Major: Nutritional Sciences (Animal Nutrition)
Dissertation: Feed efficiency in beef cattle: Relationship with digestibility, antioxidant activity, oxidative stress, growth performance, and carcass characteristics

§ Hussam Suhail Saleem Saleem *Amman, Jordan*
B. University of Jordan
M.S. Washington State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Structural Engineering)
Dissertation: Highly scalable bio-inspired soft elastomeric capacitor for structural health monitoring applications

§ Mehran Samiee Esfahani *Ames, Iowa*
Bach. K.N. Toosi University of Technology
Master K.N. Toosi University of Technology
M.S. University of Tulsa
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Dissertation: Device physics of organic and perovskite solar cells

†† Robert Thomas Sheldon *Cary, Ill.*
B.S. Purdue University
M.S. Iowa State University
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Dissertation: Radio frequency and capacitive sensors for dielectric characterization of low-conductivity media

Kanishka Aman Singh *Durgapur, India*
B.Tech. Indian Institute of Technology-Kanpur
M.Tech. Indian Institute of Technology-Kanpur
Department: Electrical and Computer Engineering
Major: Electrical Engineering
Dissertation: A broadband bistable piezoelectric cantilever-based vibration energy harvester with nonlinear high power extraction

§ Sneha Aman Singh *Durgapur, India*
B.Tech. National Institute of Technology
Department: Electrical and Computer Engineering
Major: Computer Engineering
Dissertation: Techniques for online analysis of large distributed data

§ Staci Lyn Solin *Chippewa Falls, Wis.*
B.S. University of Wisconsin-Eau Claire
Department: Genetics Development and Cell Biology
Major: Molecular, Cellular and Developmental Biology
Dissertation: Modeling pediatric brain and central nervous system cancer in zebrafish

§ Joshua John Strable *St. Charles, Iowa*
B.S. University of Iowa
M.S. University of Iowa
Department: Genetics Development and Cell Biology
Major: Plant Biology
Dissertation: Functional and genomic analyses of the maize YABBY transcription factors drooping leaf1 and drooping leaf2

Hongyan Sun *Beijing, China*
B.S. Xinjiang University
M.Agron. China Agricultural University
Department: Animal Science
Major: Animal Breeding and Genetics (Molecular Genetics)
Dissertation: Transcriptome analysis of primary lymphoid tissues in response to avian pathogenic *Escherichia coli* (APEC)

Jie Sun *SuZhou, China*
B.Nat.S. University of Science and Technology
M.A. Columbia University School of General Studies
School: Education
Major: Education (Educational Leadership)
Dissertation: Homesick at college: A predictive model for first-year first-time students

Weixing Sun *Nanjing, China*
B.S. Shandong University
M.S. Iowa State University
Department: Materials Science and Engineering
Major: Materials Science and Engineering
Dissertation: Polymer nanodielectrics and sensors for capacitor and cable applications

Xuan Teng *Changsha, China*
B.A. Central University of Nationalities
M.A. Iowa State University
Department: English
Major: Applied Linguistics and
Technology
Dissertation: Language in cyberspace:
A case study of the effects of peer-
peer collaborative dialogue on the
acquisition of English idioms in task-
based synchronous computer-mediated
communication

Liang Tian *Yingcheng, China*
B.E. Central South University
M.Engr Iowa State University
M.Engr Iowa State University
Department: Materials Science and
Engineering
Major: Materials Science and Engineering
Dissertation: Structure-property
relationships in an Al matrix Ca
nanofilamentary composite conductor
with potential application in high-
voltage power transmission

Ignacio Trucillo Silva *Venado Tuerto, Argentina*
Ag.Ingr. Rosario National University
Magist. Rosario National University
Department: Agronomy
Major: Plant Breeding
Dissertation: Identification of QTL
associated with nitrogen metabolism
in a maize (*Zea mays L. ssp. mays*)
testcross population

Jyani Somayajulu Vaddi *Jabalpur, India*
B.Tech. IIITDM Jabalpur
M.S. Iowa State University
Department: Aerospace Engineering
Major: Engineering Mechanics
Dissertation: Vibration modeling for
vibrothermography

Sudhanshu Prasad Vyas *Bikaner, India*
B.E. Birla Institute of Technology and
Science
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Dissertation: Design exploration of
hardware accelerators for mitigating the
effects of computational delay on digital
control loops

§ Emily Hannah Waide *Lester, Ala.*
B.S. Auburn University
Department: Animal Science
Major: Genetics
Dissertation: Molecular and quantitative
genetic basis and control of severe
combined immunodeficiency and
porcine reproductive and respiratory
syndrome in pigs

Bo Wang *Xi'an, China*
B.S. Iowa State University
M.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)
Dissertation: Modeling drivers naturalistic
driving behavior on rural two-lane
curves

Virginia Sue Wangerin *Clive, Iowa*
Dipl. Iowa Lutheran School of Nursing
B.G.S. Drake University
M.S.N. Drake University
School: Education
Major: Education (Educational
Leadership)
Dissertation: Seeking success: Program
improvement plans as a strategy to
increase pass rates on the national
licensure exam

§ Ziqing Weng *Beijing, China*
B.Agr. China Agricultural University
M.Agr. China Agricultural University
Department: Animal Science
Major: Animal Breeding and Genetics
(Quantitative Genetics)
Dissertation: Whole genome analyses
in cattle and chickens using Bayesian
methods

Jinzhi Xiao *Guangzhou, China*
B.A. Wuhan University
B.S. Wuhan University
Department: Economics
Major: Economics
Dissertation: Essays on the forecasts of
ending stocks

†† Jing Xu *Shanghai, China*
B.S. Shanghai Jiaotong University
M.A. University of Toledo
Department: English
Major: Applied Linguistics and
Technology
Dissertation: Predicting ESL learners'
oral proficiency by measuring the
collocations in their spontaneous
speech

- § Gargey Bharatkumar Yagnik *Ahmedabad, India*
 B.S. Gujarat University
 M.S. Gujarat University
 M.S. California State University-
 Los Angeles
 Department: Chemistry
 Major: Analytical Chemistry
 Dissertation: Nanoparticle-assisted
 laser desorption/ionization mass
 spectrometry: Novel sample preparation
 methods and nanoparticle screening for
 plant metabolite imaging
- ††§ Eric James York *Old Town, Maine*
 B.A. University of Maine at Orono
 M.A. University of Maine at Orono
 Department: English
 Major: Rhetoric and Professional
 Communication
 Dissertation: Programmatic knowledge
 management: Technology, literacy, and
 access in 21st-century writing programs
- Jianhua Yu *Pingliang, China*
 B.S. Iowa State University
 M.S. Iowa State University
 Department: Civil, Construction and
 Environmental Engineering
 Major: Civil Engineering (Geotechnical
 Engineering)
 Dissertation: Development of holding
 strategies for deteriorated low-volume
 roads and evaluation of performance of
 Iowa test sections
- § Jinchun Zhan *Longyan, China*
 B.S. University of Science & Technology
 of China
 Department: Electrical and Computer
 Engineering
 Major: Electrical Engineering
 Dissertation: Sparse and low rank signal
 recovery with partial knowledge
- Guangyuan Zhang *Chicago, Ill.*
 B.S. Xian Jiaotong University
 M.S. Illinois Institute of Technology
 Department: Electrical and Computer
 Engineering
 Major: Electrical Engineering
 Dissertation: New ancillary service market
 design to improve MW-frequency
 performance: Reserve adequacy and
 resource flexibility
- Xiaoyu Zhang *Henan, China*
 B.S. Northwest Agriculture and Forestry
 University
 M.S. Northwest Agriculture and Forestry
 University
 Department: Plant Pathology and
 Microbiology
 Major: Plant Pathology
 Dissertation: Detection and management
 of *Colletotrichum acutatum sensu lato* on
 strawberry
- Xuefei Zhao *Beijing, China*
 B.E. Tsinghua University
 B.Econ. Tsinghua University
 Department: Agricultural and Biosystems
 Engineering
 Major: Agricultural and Biosystems
 Engineering
 Dissertation: Biological utilization of
 pyrolytic acetic acid for lipid-rich
 algal biomass production: Substrate
 detoxification, inhibition mechanism,
 and fermentation optimization
- Siqi Zhu *Changchun, China*
 B.S. Shanghai Jiaotong University
 M.S. Iowa State University
 Department: Industrial and
 Manufacturing Systems Engineering
 Major: Industrial Engineering
 Dissertation: An automated method for
 the layup of fiberglass fabric
- Tao Zuo *Jiangxi, China*
 B.Agron. China Agricultural University
 M.Ag.Sc. China Agricultural University
 Department: Genetics Development and
 Cell Biology
 Majors: Genetics and Bioinformatics and
 Computational Biology
 Dissertation: Mechanisms and impact
 of alternative transposition-induced
 segmental duplications

MASTER OF ACCOUNTING

Spencer David Bryan *Jamaica, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

Bradley Dean Kramer *Des Moines, Iowa*
B.A. Iowa State University
Department: Accounting
Major: Accounting

Chelsea Ann Ekeler *Ames, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

Marcus Leigh Steffen *Charter Oak, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

Rachael Lyn Gross *Ames, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

Brooke Lynn Upah *Tama, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

Joshua Martin Hill *Overland Park, Kans.*
B.S. Iowa State University
Department: Accounting
Major: Accounting

MASTER OF ARTS

Nicholas James Hasty *Muscatine, Iowa*
B.A. Iowa State University
Department: Political Science
Major: Political Science
Thesis: On the determinants of internal
armed conflict

Debrah Nichole Trout *Monett, Mo.*
B.F.A. Missouri Southern State University
Department: Graphic Design
Major: Graphic Design

Seth Aaron Hedquist *Des Moines, Iowa*
B.S. Iowa State University
Department: History
Major: History
Thesis: The chronicles of agrimusic

MASTER OF ARTS IN TEACHING

John Matthew Yates *Sergeant Bluff, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

MASTER OF BUSINESS ADMINISTRATION

Jordan Michael Dees *Moulton, Tex.*
B.S. Texas A & M University
Department: Business Administration
Major: Business Administration

Spencer Charles Jones *Des Moines, Iowa*
B.A. Luther College
Department: Business Administration
Major: Business Administration

Tyler Trey Leo *Ankeny, Iowa*
B.S. Iowa State University
Department: Business Administration
Major: Business Administration (Finance)

Mingxin Li *Chengdu, China*
B.A. Lanzhou Jiaotong University
B.A. Lanzhou Jiaotong University
M.A. St. Ambrose University
Department: Business Administration
Major: Business Administration (Finance)

Jeffrey Martinez *Johnston, Iowa*
B.S. University of Maryland-College Park
Department: Business Administration
Major: Business Administration

Bridg M. Moreland *Polk City, Iowa*
B.S. Excelsior College
Department: Business Administration
Major: Business Administration

Praveen Kumar Narayanan *Chennai, India*
B.E. Anna University
Department: Business Administration
Major: Business Administration (Technology and Innovation Management)

Daniel Pardock *Des Moines, Iowa*
B.A. Central College
Department: Business Administration
Major: Business Administration (Technology and Innovation Management)

Benjamin Jacob Peters *Mason City, Iowa*
B.S. Iowa State University
Department: Business Administration
Major: Business Administration

Graham Anthony Watkins *Ames, Iowa*
B.S. Staffordshire University
Department: Business Administration
Major: Business Administration

Nathan Lawrence Witzel *Marion, Iowa*
B.S. Iowa State University
Department: Business Administration
Major: Business Administration

MASTER OF COMMUNITY AND REGIONAL PLANNING

Meghna Chakraborty *Dallas, Tex.*
B.Arch. Jadavpur University
Department: Community and Regional Planning
Major: Community and Regional Planning

Jacqueline Ann Nester *Cincinnati, Ohio*
B.S. Ohio State University
Department: Community and Regional Planning
Major: Community and Regional Planning
Thesis: An exploratory case study of three scales of food pantries in Story County, Iowa

Andrea Lynn Vaage *Grimes, Iowa*
B.A. Central College
Department: Community and Regional Planning
Major: Community and Regional Planning
Thesis: Understanding competing motivations for urban agriculture: An analysis of U.S. municipal ordinance adoption

MASTER OF DESIGN IN SUSTAINABLE ENVIRONMENTS

Shelley Milton Vrchota *Windsor Heights, Iowa*
B.S. Iowa State University
Department: Community and Regional
Planning
Major: Sustainable Environments

MASTER OF EDUCATION

Ryanne Kay Allen *Colfax, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Elementary Education)

Brandy Jo Boulting *Ankeny, Iowa*
B.A. University of Northern Iowa
School: Education
Major: Education (Special Education
(practitioner))

Christine Marybeth Cassidy
 Cedar Rapids, Iowa
B.A. University of Iowa
School: Education
Major: Education (Higher Education)

Sara Ann Condon *Fort Dodge, Iowa*
B.A. Buena Vista University
School: Education
Major: Education (Higher Education)

Carolyn Denise Farlow *Ankeny, Iowa*
B.A. Buena Vista University
School: Education
Major: Education (Higher Education)

Peiyu Guan *Shenyang, China*
B.E. Beijing Forestry University
School: Education
Major: Education (Higher Education)

Deborah Kay Smith Henry *Des Moines, Iowa*
B.A. Simpson College
School: Education
Major: Education (Curriculum and
Instructional Technology)

Emily J. Holtapp *Pomeroy, Iowa*
B.A. Briar Cliff University
School: Education
Major: Education (Higher Education)

Mary Basil Madsen *Ames, Iowa*
B.L.S. Iowa State University
School: Education
Major: Education (Higher Education)

Ashley Lynn Nelson *Knoxville, Iowa*
B.S. Iowa State University
School: Education
Major: Education

William John Siffin *Johnston, Iowa*
B.S. Wayne State University
M.A.T. Morningside College
School: Education
Major: Education (Educational
Administration (practitioner))

Casey Ryan Smith *Boone, Iowa*
B.A. University of Northern Iowa
School: Education
Major: Education (Higher Education)

MASTER OF ENGINEERING

Michael Alan Abrams *Naperville, Ill.*

B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Construction
Engineering and Management)

Animesh Biswas *Berhampore, India*

B.E. Jadavpur University
M.Tech. Indian Institute of Technology-
Madras
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Andrew Mark Colosky *Altoona, Iowa*

B.S. Michigan Technological University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Daniel S. Diaz Martinez *Turbaco, Colombia*

B.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering

Andrew Mark Dorman *Cedar Rapids, Iowa*

B.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Corey Joseph Erickson *Sergeant Bluff, Iowa*

B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Daniel Zachary Giranda *Cedar Rapids, Iowa*

B.S. Rose-Hulman Institute of Technology
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Sirui Guo *Tianjin, China*

B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)

Christopher Thomas Harre *Davenport, Iowa*

B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Rachel Ann Hawks *Des Moines, Iowa*

B.S. University of Iowa
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

John Roger Irwin *Centerville, Iowa*

B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Yao Liu *Chengdu, China*

B.Mgmt. Sichuan University of Science and
Engineering
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Construction
Engineering and Management)

Steven Leonard Locke *Ames, Iowa*

B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Environmental
Engineering)

Daniel Tyler McCaulley *Dallas, Tex.*

B.S. Arkansas Tech University
Department: Mechanical Engineering
Major: Mechanical Engineering

Benjamin Allen Rankin Jr. *Ashville, Ala.*

B.S. Jacksonville State University
Department: Electrical and Computer
Engineering
Majors: Information Assurance and
Computer Engineering

Christopher Joseph Reis *Storm Lake, Iowa*

B.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Brian Anthony Richard *Cedar Rapids, Iowa*

B.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Floyd Russell Richardson *Swisher, Iowa*

B.S. Iowa State University
Department: Aerospace Engineering
Major: Aerospace Engineering

Alloys J. Samz *Farmington, Minn.*
B.S. University of Wisconsin-Stout
Department: Electrical and Computer
Engineering
Majors: Information Assurance and
Computer Engineering

Shawnessy Monet Scott *Huntsville, Ala.*
B.S. University of Alabama
Department: Electrical and Computer
Engineering
Majors: Information Assurance and
Computer Engineering

Sahana Seenu Baskar *Chennai, India*
B.E. Anna University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Shawn Sersland *Decorah, Iowa*
B.A. Central College
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Zachary Dean Stout *Big Rapids, Mich.*
B.S. Michigan Technological University
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Alfonso Ignacio Viggers *Ann Arbor, Mich.*
Licenc. Instituto Tecnológico Autónomo de
Mexico
Department: Mechanical Engineering
Major: Mechanical Engineering

Jianyu Yang *Ames, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Jun Yang *Shandong, China*
B.E. Kunming University of Science and
Technology
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Ravi Chandra Reddy Yasa *Choutuppal, India*
B.Tech. Indian Institute of Technology
Roorkee
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Xiaoyun Zhao *Beijing, China*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Environmental
Engineering)

Liming Zheng *Ames, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)

MASTER OF FAMILY AND CONSUMER SCIENCES

Cassie Alaniz Gerst *Mount Pleasant, Iowa*
B.S. State University of New York College at
Fredonia
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Youth Development)

Sonya J. Woods Watkins *South Bend, Ind.*
B.A. Indiana University at South Bend
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Youth Development)

MASTER OF FINE ARTS

Nicholas Walter Bogdanich
Port Washington, N.Y.
B.A. University of Wisconsin-Madison
Department: English
Major: Creative Writing and Environment
Thesis: Inflatable castles

Yin-Sin Chang
New Taipei City, Taiwan
B.B.A. Fu Jen Catholic University
M.S. National Yang-Ming University
Department: Graphic Design
Major: Graphic Design
Thesis: Cultural differences in the context
of fast food website design: A
comparison of Taiwan and the United
States

Bo Chen
Changsha, China
B.A. Central South University
Department: Graphic Design
Major: Graphic Design
Thesis: Effective movie title sequence: A
challenge to Chinese designers

Joongsup Lee
Seoul, South Korea
B.E. Handong Global University
B.A. Handong Global University
M.Engr. Handong Global University
Department: Graphic Design
Major: Graphic Design
Thesis: A study for increasing reusable cup
consumption in the coffee industry

Devin Vaughn Sloan
Davenport, Iowa
B.F.A. Iowa State University
Department: Art and Visual Culture
Major: Integrated Visual Arts
Thesis: Curious cut-aways

Fei Yang
Shanghai, China
B.E. Dalian Jiaotong University
Department: Graphic Design
Major: Graphic Design
Thesis: Comprehension problems in icon
design for mobile devices: Analysis and
prototype design

Liu Yang
Ningbo, China
B.A. Lancaster University
Department: Interior Design
Major: Interior Design
Thesis: Design characteristics of China's
early Ch'ing dynasty exteriors and
interiors and their reinterpretation in
America

MASTER OF PUBLIC ADMINISTRATION

Angela Bernadine Stone
Ames, Iowa
B.A. Iowa State University
B.S. Iowa State University
Department: Political Science
Major: Public Administration
Thesis: Membership retention in industry/
university cooperative research centers

MASTER OF SCHOOL MATHEMATICS

April Lynn McDermott
Madrid, Iowa
B.A. Simpson College
Department: Mathematics
Major: School Mathematics

Diane Marie Wulff Nead
Woodbury, Minn.
B.A. Greenville College
Department: Mathematics
Major: School Mathematics

MASTER OF SCIENCE

Pritha Anand *Seattle, Wash.*

B.E. Anna University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Civil Engineering
Materials)
Thesis: Assessing the energy and financial
viability of heated pavement systems for
airports

Alisen Marie Anderson *Fairland, Okla.*

B.App.S. Missouri State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Caitlin Caprice Anderson *Ames, Iowa*

B.A. Butler University
Department: Psychology
Major: Psychology
Thesis: Overprivileged, self-absorbed,
dumb jocks: Exploration of stereotypes of
student-athlete

Rachel Ruth Anderson *Schaller, Iowa*

B.S. Iowa State University
Department: Apparel, Events, and
Hospitality Management
Major: Apparel, Merchandising, and Design

Cindu Maria Annandarajah
Klang Selangor, Malaysia

B.S. Iowa State University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: The effects of high power ultrasonic
energy on milk plasmin activity

Celine Maria Amrita Anthony Sunderraj
Chennai, India

B.Tech. Anna University
Department: Computer Science
Major: Computer Science

Steven Auyeung *Westfield, Mass.*

B.S. University of Massachusetts-Amherst
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)
Thesis: Performance-based design of
reinforced concrete bridge piers subjected
to vehicle collisions

Michael Christopher Baker *Eden Prairie, Minn.*

B.S.E. University of Iowa
B.S. University of Iowa
Department: Chemical and Biological
Engineering
Major: Chemical Engineering
Thesis: One-dimensional CFD model of a
multiphase loop polymerization reactor

Prashant Barnawal *Kolkata, India*

B.Tech. West Bengal University of
Technology-Kolkata
Department: Computer Science
Majors: Computer Science and Human
Computer Interaction
Thesis: Design and evaluation of feedback
system in design for manufacturability

Timothy E. Bartness *Hartland, Minn.*

B.S. South Dakota State University
Department: Agronomy
Major: Agronomy

Jessica Lea Bates *Bagley, Iowa*

D.V.M. Iowa State University
Department: Veterinary Diagnostic and
Production Animal Medicine
Major: Veterinary Preventive Medicine
Thesis: Transmammary-delivered
meloxicam in piglets undergoing
castration and tail docking: Impact on
pharmacokinetics and pain biomarkers

Andrew W. Baughman *La Porte, Ind.*

B.F.A. Indiana University at South Bend
Department: Mechanical Engineering
Major: Human Computer Interaction

Matthew J. Bax *Sedalia, Mo.*

B.S. Northwest Missouri State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Jeffrey Paul Bazer *Omaha, Neb.*

B.A. University of Nebraska-Omaha
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Michael Scott Bessey *Salt Lake City, Utah*

B.S. University of Utah
B.S. University of Utah
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Devon Kasey Bilsing *Granger, Iowa*
B.A. Iowa State University
School: Journalism and Mass
Communication
Major: Interdisciplinary Graduate Studies
(International Development Studies)
Thesis: Social media in study abroad

Desmond Carletus Bonner *Huntsville, Ala.*
B.F.A. Auburn University
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction
Thesis: A game-based learning approach to
increasing female participation in STEM
fields

Hardik Dhansukhlal Bora *Nashik, India*
B.E. University of Mumbai
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Analysis of supplier selection
policies for regional food systems using
multi-agent simulation

Kyle Theodore Brashler *Downers Grove, Ill.*
B.S. Bradley University
Department: Chemistry
Major: Inorganic Chemistry
Thesis: Fundamental studies and
practical catalytic applications of silica
encapsulated alloys synthesized using the
inorganic capping agent and water-in-oil
microemulsion approaches

Gabriel F. Bravo Palacios *Quito, Ecuador*
Ingr. Escuela Politecnica Nacional
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Design and simulation of a
distortion masking control algorithm for a
pneumatic cylinder

Vincent A. Brazelton *Huntsville, Ala.*
B.S. Tuskegee University
Department: Agronomy
Major: Genetics
Thesis: Enabling broad use of genome
modification technologies to solve real
world problems: A specific application in
Peanut

Courtenay Michaela Brines *Woodbridge, Conn.*
B.S. University of Vermont
D.V.M. Iowa State University
Department: Veterinary Clinical Science
Major: Veterinary Clinical Sciences
Thesis: Evaluation of retinal function and
structure in a Parkinson's disease murine
model

Rosemary Bulyaba *Kampala, Uganda*
B.Mgmt. Makerere University
Department: Agronomy
Major: Crop Production and Physiology
Thesis: Influence of rhizobium inoculation
and fungicide treatment on development
and yield of selected pulse crops and
nutritional composition of pulse legume
leaves and the impact of leaf removal on
yield

Colby T. Burhenn *Gilbert, Iowa*
B.S. Iowa State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Kathryn Ann Bus *Orefield, Pa.*
B.S. Hobart & William Smith Colleges
Department: Kinesiology
Major: Nutritional Sciences
Thesis: Motivational interviewing and social
support to promote behavior change

§ Naboth Bwambale *Kampala, Uganda*
B.S. Makerere University
Department: Sociology
Majors: Sustainable Agriculture and
Sociology
Thesis: Farmers' knowledge, perceptions,
and socioeconomic factors influencing
decision making for integrated soil
fertility management practices in Masaka
and Rakai Districts, Central Uganda

James Francis Cahill *Marshalltown, Iowa*
B.S. Iowa State University
Department: Genetics Development and
Cell Biology
Major: Genetics
Thesis: Analysis of cytokinin-induced
maize leaf developmental changes and
interacting genetic modifiers

Andrea K. Carzoli *West Des Moines, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Plant Breeding

Daniel Thomas Cavanaugh *Des Moines, Iowa*
B.S. Iowa State University
Department: Materials Science and
Engineering
Major: Materials Science and Engineering
Thesis: Evaluation of titanium carbide metal
matrix composites deposited via laser
cladding

- Boyce Sek Koon Chang *Kuala Lumpur, Malaysia*
 B.S. Iowa State University
 Department: Materials Science and Engineering
 Major: Materials Science and Engineering
 Thesis: Vacuum insulation panel core materials and modelling the thermal conductivity of granular materials
- Conglin Chen *Changchun, China*
 B.E. Chongqing Jiaotong University
 Department: Civil, Construction and Environmental Engineering
 Major: Civil Engineering (Civil Engineering Materials)
 Thesis: Rheological performance evaluation of asphalt modified with bio-based polymers
- Jie Chen *Shanghai, China*
 L.L.B. East China University Political Science and Law
 Department: Sociology
 Major: Sociology
 Thesis: Framing identity in social movements: The identity and the Chinese government interpretation of the Tibet separatists
- Yunqing Chen *Hangzhou, China*
 B.Admin. China Jiliang University
 Department: Industrial and Manufacturing Systems Engineering
 Major: Industrial Engineering
 Thesis: Reducing optical losses in organic photovoltaic devices using microlens arrays: Theoretical and experimental investigation
- Venkatesh Chinde *Ramagundam, India*
 B.Tech. Jawaharlal Nehru Technological University
 M.Tech. University of Mumbai
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
 Thesis: Spectral diffusion map approach for structural health monitoring of wind turbine blades using distributed sensors
- †† Jessie Marie Christensen *Des Moines, Iowa*
 B.S. Iowa State University
 School: Education
 Major: Education (Curriculum and Instructional Technology)
 Thesis: Teacher perceptions of pedagogical change in 1:1 laptop classrooms
- Debra Leigh Clifford *Albuquerque, N. Mex.*
 B.A. Texas Tech University
 Department: Industrial and Manufacturing Systems Engineering
 Major: Human Computer Interaction
- Emily Kay Craigie *Geraldine, New Zealand*
 B.E. University of Canterbury
 Department: Civil, Construction and Environmental Engineering
 Major: Civil Engineering (Construction Engineering and Management)
 Thesis: A framework for estimating preconstruction service costs at the functional level for highway construction projects
- Meghan M. Cronin *Omaha, Neb.*
 B.S. Iowa State University
 Department: Civil, Construction and Environmental Engineering
 Major: Civil Engineering (Structural Engineering)
- Chenxuan Cui *Shenzhen, China*
 B.S. University of Iowa
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
 Thesis: Energy efficiency in cognitive radio network: Study of cooperative sensing using different channel sensing methods
- Arielle Elyse Czalowski *Naperville, Ill.*
 B.S. Iowa State University
 Department: Electrical and Computer Engineering
 Major: Computer Engineering
 Thesis: A cruel angel's thesis: A quantitative study of online privacy values dependent on social factors
- Omar de Kok-Mercado *Ames, Iowa*
 B.S. Iowa State University
 Department: Agronomy
 Major: Soil Science (Soil Microbiology and Biochemistry)
 Thesis: Microbial decomposition of corn residue in two Iowa mollisols
- Dong Ding *Linyi, China*
 B.E. Hunan University
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
- Colleen Marie Dolphin *Minneapolis, Minn.*
 B.A. St. Mary's College
 Department: Industrial and Manufacturing Systems Engineering
 Major: Human Computer Interaction

- Pallavi Dubey *Karnal, Haryana, India*
 B.Tech. Gautam Buddh Technical University
 Department: Industrial and Manufacturing
 Systems Engineering
 Major: Industrial Engineering
 Thesis: Application of analytic tools for
 materials selection
- Abdolghani Ebrahimi *Shiraz, Iran*
 B. Amirkabir University of Technology
 Department: Industrial and Manufacturing
 Systems Engineering
 Major: Industrial Engineering
 Thesis: Rate control of a queue with quality-
 of-service constraint under bounded and
 unbounded action spaces
- †† Pauli Ann Escobedo *Davenport, Iowa*
 B.S. Iowa State University
 School: Journalism and Mass
 Communication
 Major: Journalism and Mass
 Communication
 Thesis: Source credibility and race: Black
 viewers' responses to television news
 anchors
- Xiaoguang Feng *Wuhan, Hubei, China*
 B.S. Wuhan University
 B.Econ. Wuhan University
 M.Econ. Wuhan University
 Department: Economics
 Major: Economics
- Jacob Eran Fleckenstein *Sergeant Bluff, Iowa*
 B.S. University of Iowa
 Department: Chemistry
 Major: Organic Chemistry
 Thesis: Supported metal complexes: From
 mesoporous silica to 3D printed polymers
- Katherine Suzanne Frank *Clive, Iowa*
 B.S. Iowa State University
 Department: Geological and Atmospheric
 Sciences
 Major: Geology
 Thesis: Geological, mineralogical,
 and geochemical studies of the
 Paleoproterozoic base metal Stollberg ore
 field, Bergslagen, Sweden
- Brendon Joseph Gardner *Christchurch, New Zealand*
 B.E. University of Canterbury
 Department: Civil, Construction and
 Environmental Engineering
 Major: Civil Engineering (Construction
 Engineering and Management)
 Thesis: Applying artificial neural networks
 to top-down construction cost estimating
 of highway projects at the conceptual
 stage
- Nichole Alice Gent *Harper, Iowa*
 B.S. Iowa State University
 Department: Agricultural Education and
 Studies
 Major: Agricultural Education
- Yeganeh Gharabigloozaire *Tehran, Iran*
 B. Islamic Azad University
 Department: Plant Pathology and
 Microbiology
 Major: Plant Pathology
 Thesis: *Raffaelea* spp. from five ambrosia
 beetles in the genera *Xyleborinus*
 and *Cyclorhipidion* (Coleoptera:
Curculionidae: Scolytinae: Xyleborini)
- Carla Andrea Gho *Santiago, Chile*
 Ingr. Ag. Pontificia University Catolica de
 Chile
 Department: Agronomy
 Major: Plant Breeding
- Shelby Nicole Gosa *East Moline, Ill.*
 B.S. Iowa State University
 Department: Biomedical Sciences
 Major: Biomedical Sciences
- Sagrie Govender *Seattle, Wash.*
 B.A. Missouri University of Science and
 Technology
 Ct. Missouri University of Science and
 Technology
 M.S. Missouri University of Science and
 Technology
 Department: Mechanical Engineering
 Major: Human Computer Interaction
- Furaha Aydan Gwivaha *Njombe, Tanzania*
 B.S. Sokoine University
 Department: Agricultural Education and
 Studies
 Major: Agricultural Education (Agricultural
 Extension Education)
 Thesis: Factors that impact agricultural
 extension training programs for
 smallholder women farmers in Njombe
 District, Tanzania
- Deirdre King Hainsworth *Pittsburgh, Pa.*
 A.B. Harvard-Radcliffe
 M.Div. Princeton Theological Seminary
 Ph.D. Princeton Theological Seminary
 Department: Industrial and Manufacturing
 Systems Engineering
 Major: Human Computer Interaction
- Steven Scott Hanson *Corcoran, Minn.*
 B.S. North Dakota State University
 Department: Agronomy
 Major: Plant Breeding

Melissa Lynn Hensley *Pierceville, Kans.*
B.S. Michigan State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Louis Anton Hilgemann *Cedar Falls, Iowa*
B.S. Iowa State University
Department: Natural Resources and Ecology
Management
Major: Forestry
Thesis: Quantifying residual forest
structures following retention harvesting
in northeast Minnesota using Landsat
sensor data

Matthew Peter Hinrichsen *Camanche, Iowa*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Nicholas Omer Hoffman *Sioux City, Iowa*
B.S. Montana State University
Department: Agronomy
Major: Plant Breeding

Mitchell Lee Holtzman *Hiawatha, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)
Thesis: The effects of intersection collision
warning systems on gap selection and
stopping characteristics

Guangyu Hou *Jishou, China*
B.N.S. University of Science and Technology
of China
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Computing axes of rotation
for 4-axis CNC milling machine by
calculating global visibility map from slice
geometry

Andrew Jeremy Houchin *West Des Moines, Iowa*
B.S. University of Nebraska at Lincoln
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)
Thesis: An investigation of freeway
standstill distance, headway, and time gap
data in heterogeneous traffic in Iowa

Chen Hua *Beijing, China*
B.S. Iowa State University
Department: Statistics
Major: Statistics

Andreas Charles Huebner *Bellevue, Wash.*
B.S. Colorado State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Steven Bay Jackson *Tecumseh, Mich.*
B.A. Michigan State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Deepanshi Jain *Kota, India*
B.E. Visveswaraiiah Technological University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Construction
Engineering and Management)
Thesis: Spatiotemporal visualization
of unit prices of major cost items of
transportation projects across Iowa using
Geographic Information Systems (GIS)

Connor Patrick Jennings *Homewood, Ill.*
B.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Forecasting obsolescence risk and
product lifecycle with machine learning

Ju Ji *Shenzhen, China*
B.S. Iowa State University
Department: Statistics
Major: Statistics

Yu Jie *Changde, Hunan, China*
B.E. Hunan University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Dallas Christopher Jones *Kansas City, Mo.*
B.S. Iowa State University
Department: Genetics Development and
Cell Biology
Major: Molecular, Cellular and
Developmental Biology
Thesis: A clade-specific *Arabidopsis* gene
connects primary metabolism and
senescence

Naveen Kancharla *Hyderabad, India*
B.E. Osmania University
Department: Supply Chain and Information
Systems
Major: Information Systems

Adam Israel Kaplan *Sioux City, Iowa*
B.S. Iowa State University
Department: Aerospace Engineering
Major: Aerospace Engineering
Thesis: Path planning and energy management of solar-powered unmanned ground vehicles

Michael Alan Kapler *Denver, Colo.*
B.A. University of Northern Iowa
Department: Industrial and Manufacturing Systems Engineering
Major: Human Computer Interaction

Vijay Shanker Karingula *Hyderabad, India*
B.Tech. Jawaharlal Nehru Technological University
Department: Supply Chain and Information Systems
Major: Information Systems

Orhan Kaya *Canakkale, Turkey*
Lisans. Akdeniz University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Transportation Engineering)
Thesis: Investigation of AASHTOWare pavement ME design/Darwin-ME performance prediction models for Iowa pavement analysis and design

Yalin Ke *Wuhan, Hubei, China*
B.E. Wuhan University
M.Engr. Wuhan University
Department: Computer Science
Major: Computer Science
Thesis: An automated approach to program repair with semantic code search

Upendo Kalist Kimati *Dar es Salaam, Tanzania*
B.S. Sokoine University of Agriculture
Department: Agricultural Education and Studies
Major: Agricultural Education (Agricultural Extension Education)
Thesis: An assessment of the factors that impact the level of success of farmers field school training in Tanzania: A descriptive study

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

Megan Elizabeth Korte *Grimes, Iowa*
B.S. Iowa State University
B.S. Iowa State University
Department: Agricultural and Biosystems Engineering
Major: Agricultural and Biosystems Engineering
Thesis: In-plant validation of an ethanol yield prediction equation

Gregory Thomas Krahn *Cedarburg, Wis.*
B.S. Western Illinois University
Department: Animal Science
Major: Animal Science
Thesis: Comparison of piglet birth weight classes, parity of the dam, number born alive and the relationship with litter variation and piglet survival until weaning

Bradley John Kruse *Dyersville, Iowa*
B.S. Iowa State University
Department: Agricultural and Biosystems Engineering
Major: Industrial and Agricultural Technology

Raymond Albert Kruse *Dyersville, Iowa*
B.S. Iowa State University
Department: Horticulture
Major: Horticulture
Thesis: Integration of summer and fall cover crops in vegetable cropping systems

Brent Phillip Lehman *De Pere, Wis.*
B.S. University of Wisconsin-Eau Claire
Department: Biochemistry, Biophysics and Molecular Biology
Major: Biochemistry
Thesis: Functional analysis of the propanediol utilization microcompartment shell proteins PduB and PduB' in *Salmonella enterica*

Matthew Leimkuehler *Marshall, Mo.*
B.S. Northwest Missouri State University
School: Journalism and Mass Communication
Major: Journalism and Mass Communication

Keith Joseph Lensing *Calmar, Iowa*
B.S. Iowa State University
Department: Agricultural and Biosystems Engineering
Major: Agricultural and Biosystems Engineering
Thesis: Algorithm development of a multi-section crop detection system for a corn head

Boyan Li *Changsha, China*
B.E. University of Birmingham
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Techno-economic and uncertainty
analysis of fast pyrolysis and gasification
for biofuel production

Dawei Li *Beijing, China*
B.Econ. Tianjin University of Science and
Technology
Department: Apparel, Events, and
Hospitality Management
Major: Hospitality Management
Thesis: Development and assessment of
visual-based training on Chinese-speaking
foodservice workers in independently-
owned Chinese restaurants

Jianqiang Li *Yunmeng, China*
B.E. Huazhong University of Science and
Technology
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Effect of cryomilling on zinc sulfide
effectiveness as antibacterial substance for
burn wound healing

Peng Li *Beijing, China*
B.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Molecular dynamics simulation of
chlorotoxin

Yi Liang *Jingmen Hubei, China*
B.S. Wuhan Textile University
Department: Computer Science
Major: Computer Science

Dao Yan Lim *Ames, Iowa*
B.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Kinematics analysis and elevation
control of a bi-directional VSAT antenna

Jeremy Jon Lis *Cedar Grove, Wis.*
B.S. Brigham Young University-Idaho
Department: Statistics
Major: Statistics

Jiaying Liu *Changsha, China*
B.S. Bowling Green State University
Department: Supply Chain and Information
Systems
Major: Information Systems

Shiya Liu *Zhuzhou, China*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: A graphical method for determining
the uniqueness of operating points in self-
biasing circuits

Xi Liu *Qinhuangdao, China*
B.E. Northwest Polytechnical University
Department: Computer Science
Major: Computer Science

Xiaoteng Liu *Ames, Iowa*
A.B. Washington University In St. Louis
Department: Computer Science
Major: Computer Science (Computational
Molecular Biology)

Joyce Lok *Rancho Palos Verdes, Calif.*
B.S. Purdue University
Department: Agronomy
Major: Sustainable Agriculture
Thesis: Cover crop impacts on soil
quality during *Miscanthus x giganteus*
establishment in Central Iowa

Katrina Agno Lutap *Quezon City, Phillipines*
B.S. University of the Philippines Diliman
Department: Ecology, Evolution and
Organismal Biology
Major: Molecular, Cellular and
Developmental Biology
Thesis: Microbial community diversity in
freshwater sponges from Lake Baikal:
Protein size in three domains of life and
examples of unusually large proteins in
Porifera: A review

Dana Lynn *Plano, Tex.*
B.F.A. The New School
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Sushma Bala Madanu *Nalgonda, India*
B.Tech. Jawaharlal Nehru Technological
University
Department: Aerospace Engineering
Major: Engineering Mechanics
Thesis: Dynamical systems analysis of
electrostatic and aerodynamic forced
vibrations of a thin flexible electrode

Satish Kumar Maddala *Visakhapatnam, India*
B.Tech. Gitam University
Department: Computer Science
Major: Computer Science

Sunny Suresh Mahajan *Kolhapur, India*
B.E. Shivaji University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Construction
Engineering and Management)
Thesis: Usage of recycled asphalt pavement
on Minnesota gravel roads: Performance
evaluation and analysis

Parth Vipul Malkan *Vadodara, India*
B.E. Gujarat University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Xiaojun Mao *Zhejiang, China*
B.S. Shanghai Jiaotong University
Department: Statistics
Major: Statistics

Cynthia Marie Marinak *Towson, Md.*
B.A. University of Tampa
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Breanna Lynn Marmur *Oxford, Iowa*
B.A. Grinnell College
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: The effects of scale on granular
mixing in a double screw pyrolyzer

Kenneth Gene McCabe *Minburn, Iowa*
B.S. Iowa State University
Department: Horticulture
Major: Horticulture
Thesis: Horticultural evaluation of soy-
based bioplastics for container-crop
production

Rebecca G. McCracken *Knoxville, Tenn.*
B.A. Vanderbilt University
Department: Geology and Atmospheric
Sciences
Major: Geology
Thesis: Physical characteristics of drumlins,
with implications for their formation,
at an active drumlin field, Mulajokull,
Iceland

Angela M. McMahan *Rapid City, S. Dak.*
B.S. University of South Dakota
Department: Supply Chain and Information
Systems
Major: Information Systems

Yili Meng *Ames, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Soil Science (Soil Chemistry)
Thesis: Nitrogen mineralization in biofuel
cropping systems in soils

Marie Grace Joson Mercado *Manila, Philippines*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Civil Engineering
Materials)
Thesis: Validation of Ndesign in Iowa

Sarah Marie Mitchell *Scandia, Minn.*
B.A. St. Olaf College
Department: Ecology, Evolution and
Organismal Biology
Major: Ecology and Evolutionary Biology
Thesis: Differential demographic responses
of two sympatric turtle species to
anthropogenic disturbance

Justin Ryan Morrison *Urbandale, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Plant Breeding

Johnson Godlove Mtama *Mbeya, Tanzania*
B.S. Sokoine University
Department: Agronomy
Major: Soil Science (Soil Morphology and
Genesis)
Thesis: Pedology of corn productivity
indices for selected parts of Southern
Highland Zone of Tanzania

Jacqueline Ann Nester *Cincinnati, Ohio*
B.S. Ohio State University
Department: Community and Regional
Planning
Major: Sustainable Agriculture
Thesis: An exploratory case study of three
scales of food pantries in Story County,
Iowa

Anita Ntandoyenkosi Ngarava *Bulawayo, Zimbabwe*
B.E. National University of Science and Tech
Department: Chemical and Biological
Engineering
Major: Chemical Engineering
Thesis: Copper based catalysts in the
selective dehydration of polyols

- Amanda Nguy *Smyrna, Tenn.*
 B.S. Tennessee Technological University
 B.S. Tennessee Technological University
 Department: Chemistry
 Major: Analytical Chemistry
 Thesis: Investigating the use of in situ liquid cell scanning transmission electron microscopy to explore DNA-mediated gold nanoparticle growth
- Ryan Michael Ogren *Des Moines, Iowa*
 B.S. Iowa State University
 Department: Mechanical Engineering
 Major: Mechanical Engineering
 Thesis: Development and applications of various optimization algorithms for diesel engine combustion and emissions optimization
- Tara Pardue Lackey *Ames, Iowa*
 B.A. Wake Forest University
 School: Journalism and Mass Communication
 Major: Journalism and Mass Communication
 Thesis: Is quality all the same? A comparative study of print and television coverage of the Syrian conflict
- Akshit Peer *Ludhiana, India*
 B.Tech. Delhi Technological University
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
- Noel Andrew Peggs *Grimes, Iowa*
 B.S. Iowa State University
 Department: Agronomy
 Major: Plant Breeding
- Cheng Peng *Dalian, China*
 B.Mgmt. Dalian University of Technology
 M.P.A. Iowa State University
 Department: Statistics
 Major: Statistics
- Crystal Elaine Peoples *Chesapeake, Va.*
 B.S. Longwood University
 Department: Sociology
 Major: Sociology
 Thesis: Bowling alone but eating together: Exploring the role of gathering places as community social capital in small towns
- Alden Peterson *Maple Grove, Minn.*
 B.S. Iowa State University
 Department: Mechanical Engineering
 Major: Human Computer Interaction
- Pratik Machhindra Pingle *Pune, India*
 B.E. University of Pune
 Department: Industrial and Manufacturing Systems Engineering
 Major: Industrial Engineering
 Thesis: Selection of obsolescence resolution strategy based on a multi criteria decision model
- Jack D. Polifka *Mishicot, Wis.*
 B.S. University of Wisconsin-Stevens Point
 Department: Chemistry
 Major: Human Computer Interaction
 Thesis: The development and use of a web-based assessment to measure students' use of representations in general chemistry
- Sudha Prabakaran *Concord, N.C.*
 B.E. Bharathiar University
 Department: Industrial and Manufacturing Systems Engineering
 Major: Human Computer Interaction
- Anna Agripina Prisacari *Ames, Iowa*
 B.A. St Ambrose University
 M.B.A. St Ambrose University
 Department: Chemistry
 Major: Human Computer Interaction
 Thesis: The testing effect in general chemistry: Effects of repeated testing on student performance across different test modes
- Deepal Ramegowda *Mysore, India*
 B.E. Visveswaraiiah Technological University
 Department: Supply Chain and Information Systems
 Major: Information Systems
- Christopher Gordon Reilly *Mukilteo, Wash.*
 B.S. University of Northern Iowa
 Department: Mechanical Engineering
 Major: Mechanical Engineering
 Thesis: Thermal behavior of the STM tip under laser irradiation
- Jiaxi Ren *Lanzhou, China*
 B.S. Iowa State University
 Department: Civil, Construction and Environmental Engineering
 Major: Civil Engineering (Civil Engineering Materials)
 Thesis: Laboratory evaluation of freezing-thawing resistance of aggregate for concrete pavement using Iowa pore index tests
- Ke Ren *Ames, Iowa*
 B.S. Iowa State University
 Department: Mathematics
 Major: Applied Mathematics

Yan Ren *Nantong, China*
B.E. Nanjing University of Posts and
Telecommunications
M. Engr. Southeast University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: Multilevel sequence detection for
dynamic mode atomic force microscopy

Kathleen Patricia Rey *Midland, Mich.*
B.S. Franciscan University of Steubenville
Department: Statistics
Major: Statistics

Caleb Nathaniel Robb *Morning Sun, Iowa*
B.S. Iowa State University
D.V.M. Iowa State University
Department: Veterinary Diagnostic and
Production Animal Medicine
Major: Veterinary Preventive Medicine

Analia Roca *La Paz, Bolivia*
D.V.M. University of the Republic
Department: Animal Science
Major: Animal Physiology (Ethology)

Jonathan Chern-Ern Saw *Klang, Malaysia*
B.B.A. Drake University
Department: Supply Chain and Information
Systems
Major: Information Systems

Linda Rae Schott *New Hartford, Iowa*
B.S. Iowa State University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: Effects of drainage water
management in Southeast Iowa

Matthew William Schramm *Sac City, Iowa*
B.S. Iowa State University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: Agriculture spray wind velocity
measurements and predictions

Manish Shrivastav
Sundhara Kathmandu, Nepal
B.Ag.En. Tribhuvan University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: Using ArcGIS hydrologic modeling
and LiDAR digital elevation data to
evaluate surface runoff interception
performance of riparian vegetative filter
strip buffers in central Iowa

Melissa Anne Slagle *Plymouth, Minn.*
B.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Bulk manufacture of complex
geometry millirod implants and
their degradation and drug delivery
characteristics

Lucinda Jeanette Smart *Ankeny, Iowa*
B.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Review of materials property data
for nondestructive characterization of
pipeline materials

Zilong Song *Xi'an, China*
B.E. Xidian University
M.S. Xidian University
Department: Computer Science
Major: Computer Science

Tara Marie Springer *Marysville, Ohio*
B.S. Ohio State University
Department: Horticulture
Major: Horticulture
Thesis: Limited irradiance, artificial
fluorescent irradiance, and
nitrate-N: ammonium-N impact on
biomass and essential oil production of
Ocimum basilicum L.

Venkata Naga Vivek Sri Balusu
Visakhapatnam, India
B.Tech. Gandhi Institute of Technology and
Management
Department: Computer Science
Major: Computer Science

Jennifer N. Steiner-Kotch *Wilkes-Barre, Pa.*
B.A. Arcadia University
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Rebecca Sue Stokes *Macomb, Mo.*
B.S. Western Illinois University
Department: Animal Science
Major: Animal Science
Thesis: Evaluation of algae meal as a novel
feedstuff for ruminants

Joseph William Strottman *Nevada, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Plant Breeding

Zachary Troy Stumo *Shoreview, Minn.*
B.S. Iowa State University
Department: Plant Pathology and
Microbiology
Major: Seed Technology and Business

Vidushi Sukhwal *Udaipur, India*
B.Tech. Amity University
Department: Computer Science
Major: Computer Science
Thesis: Monitoring students' growth using
system dynamics

Dhinakaran Swaminathan *Bangalore, India*
B.Tech. Sastra University
Department: Civil, Construction and
Environmental Engineering
Majors: Civil Engineering (Structural
Engineering) and Civil Engineering
(Construction Engineering and
Management)

Bryn Jonathan Takle *Ames, Iowa*
B.S. Iowa State University
B.S. University of Tennessee-Knoxville
Department: Horticulture
Majors: Horticulture and Sustainable
Agriculture
Thesis: Motivation and retention of Iowa's
master gardener volunteers

Yuhan Tang *Ames, Iowa*
B.E. University of Electronic Science and
Technology of China
M.E. Beijing University of Post &
Telecommunications
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Andrea Lynn Vaage *Grimes, Iowa*
B.A. Central College
Department: Community and Regional
Planning
Major: Sustainable Agriculture
Thesis: Understanding competing
motivations for urban agriculture: An
analysis of U.S. municipal ordinance
adoption

§ Asimoula Valai *Ames, Iowa*
Ptychio. University of Thessalia
School: Education
Major: Education (Curriculum and
Instructional Technology)
Thesis: Evaluating the effectiveness of the
Master of Science in Agronomy distance
program: A comprehensive investigation
of learners' perspective of quality in
distance learning

Adam Michael Wade *Ames, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Curriculum and
Instructional Technology)
Thesis: Examination of college access and
science bound's countdown to college: A
model for engaging students of color in
the college-going process

§ Kellie Jean Walters *Guttenberg, Iowa*
B.S. Iowa State University
Department: Horticulture
Major: Horticulture
Thesis: Quantifying the effects of
hydroponic system, nutrient solution,
and air temperature on growth and
development of basil species (*Ocimum L.*)

Shengyang Wang *Ames, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Environmental
Engineering)
Thesis: Pavement albedo assessment:
Methods, aspects, and implication

Ziying Wang *Ames, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Soil Science
Thesis: Corn seedling response to silicon
amendments in three IA and one Chinese
soil A

Sagarika T. Weerasekara *Kandy, Sri Lanka*
B. University of Peradeniya Sp
Department: Chemistry
Major: Organic Chemistry
Thesis: Enantioselective epoxidation
catalyzed by manganese-substituted
human carbonic anhydrase

Ian Paul Willard *Miltona, Minn.*
B.S. Letourneau University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Environmental
Engineering)
Thesis: Differential diffusion and salt finger
fluxes in a stratified turbulent laboratory
system

John David Wood *Upper Sandusky, Ohio*
B.S. Purdue University
M.Div. Trinity International University
Department: Agronomy
Major: Plant Breeding

Krishna Chaitanya Yalamanchili
Visakhapatnam, India
B.E. Andhra University
Department: Computer Science
Major: Computer Science

Haifan Yan *Nanjing, China*
B.S. Nanjing University Information Science
and Technology
Department: Geological and Atmospheric
Sciences
Major: Meteorology
Thesis: A comparison of QPF from WRF
simulations with operational NAM and
GFS output using multiple verification
methods

Bo Yang *Lanzhou, China*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Civil Engineering
Materials)
Thesis: Performance of bio-based soil
stabilizers in transportation earthworks-
laboratory investigations

Xi Yang *Beijing, China*
B.A. Beijing Inst of Graphic Communication
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: Scientific entertainment: How
audiences interpret science on
The Big Bang Theory

Xuantong Zhang *Lanzhou, China*
B.E. Beijing University of Post and
Telecommunications
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Thesis: Human user authentication based
on mouse dynamics: A feasibility study

Lida Zhu *Shanghai, China*
B.S. University of Missouri-Columbia
Department: Chemical and Biological
Engineering
Major: Chemical Engineering
Thesis: Supramolecular assemblies of
alkane functionalized poly ethylene glycol
copolymer for drug delivery

Xiaowen Zhu *Kunming, China*
B.Lit. Beijing Language and Culture
University
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: Which reviews carry the most
weight? The influence of message and
source factors in online word-of-mouth
messages

Stephen Jason Zimmerman *Ankeny, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Agronomy

Justin Andrew Zwolski *Boston, N.Y.*
B.S. Rochester Institute of Technology
Department: Statistics
Major: Statistics

CANDIDATES FOR DEGREES FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural and Life Sciences Education

Lauren Elizabeth Barker	Monticello, Iowa	Susan Marie Krummen	Linn Grove, Iowa
Calli Ann Bayer	Ringle, Wis.	* Tara Ann Leytham	Toledo, Iowa
Courtney Paige Clawson	Ackley, Iowa	* Bailey Ann Miller	Maquoketa, Iowa
** Bailey Jean Core	Pleasantville, Iowa	Justin Lee Mills	Harlan, Iowa
Sarah Marie Doese	Fairbank, Iowa	Olivia Michele Sippy	Cedar Rapids, Iowa
Andrea Denise Hodgson	Colfax, Iowa	Ethan B. Sprung	La Moille, Ill.
Lauren Marie Houska	Sac City, Iowa	Taylor Jean Zobel	Traer, Iowa
Catherine Jo Johnson	Milford, Iowa		

Curriculum in Agricultural Business

Nathan Allen Botine	Storm Lake, Iowa	Andrew John McCarthy	Newtown, Conn.
Nicole Rae Brown	Graettinger, Iowa	Cale Dustin McMartin	Massena, Iowa
Makayla Lillian Carter	Dunlap, Iowa	Nicholas David Onken	Glidden, Iowa
Maxwell Mark Cherry	Winthrop, Iowa	Brooke Eve Paul	Washington, Iowa
Marcus Daniel Christensen	Estherville, Iowa	*** Nathan Carl Reising	Polk City, Iowa
Trevor Franklin Hall	Elkhart, Iowa	** Tyler Lee Schultes	Carroll, Iowa
James Raley Howard IV	Prather, Calif.	Bethany Marie Simon	Farley, Iowa
Brandon Michael Hulme	Cedar Falls, Iowa	Charles Vitus Steingrabe	Des Moines, Iowa
Matt S. Joslin	Johnston, Iowa	Colton John Thoreson	Moorhead, Iowa
Jessica L. Kimberley	Altoona, Iowa	Sydney Ann Unruh	Peoria, Ill.
Tyler Dean Kraft	Clarksville, Iowa	Aaron Julius Wagner	Eagle Grove, Iowa
Cody John Leng	Hartley, Iowa	Yuanzheng Zhao	Yuxi, China
Montgomery W. Maynes	Lenox, Iowa	Calli Ann Zimmerman	Deep River, Iowa

Curriculum in Agricultural Studies

Chris Alphas	Lake Mills, Iowa	Marrick Grant Loftus	Logan, Iowa
Nathan Allen Botine	Storm Lake, Iowa	** Todd Leo Manternach	Cascade, Iowa
Ryan Keith Brennecke	Lineville, Iowa	James Tanner McCain	Malcom, Iowa
Kendra Lynn Doty	Montezuma, Iowa	* Kendra Sue Meyer	Bloomfield, Iowa
Blake Robert Jon Finnell	Hamburg, Iowa	Amber Rae Milder	West Branch, Iowa
Gabriel Barry Frantz	Wellman, Iowa	Garrett Joseph Nolte	Watkins, Iowa
Cole Thomas Greiman	Garner, Iowa	Ryan M. Onstot	Carlisle, Iowa
Zachary Thomas Greiman	Garner, Iowa	** Scott Alan Opperman	Manning, Iowa
Jesse Ray Haselhuhn	Humboldt, Iowa	Mitchell Carl Peterson	Dayton, Iowa
Austin Wilbert Henningsen	Oakand, Iowa	Brandon Ross Reynolds	Indianola, Iowa
Patrick Vernon Hill	Shellsburg, Iowa	Cole Jacob Simmons	Lacona, Iowa
Skylar Rushel Kellis	Milo, Iowa	Kaitlyn E. Weiser	West Des Moines, Iowa
Allicia Renee King	Exira, Iowa	Brice Paul Wenell	Albert City, Iowa
Joseph Timothy Kraber	Grimes, Iowa	Jacob Ray Wonderlich	Ollie, Iowa

* Cum Laude

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*** Summa Cum Laude

† Honors Program

Curriculum in Agricultural Systems Technology

* Shane D. Boeshart	Clear Lake, Iowa	Nicholas L. Miller	Soldier, Iowa
Cody Hans Clausen	Havelock, Iowa	Patrick Ryan Moloney	Ames, Iowa
Alex J. Cohrs	Logan, Iowa	Elisha R. Peterson	New Douglas, Ill.
** Nicholas S. Davis	Decorah, Iowa	Kyle Ben Rothstein	Cold Spring, Minn.
Carlton Herman DeWall	Manson, Iowa	Austin R. Schwarz	Eldridge, Iowa
Marshall L. Eddy	Sibley, Iowa	Ty L. Sexton	Ainsworth, Iowa
Adam Christopher Gerling	Mediapolis, Iowa	** Mark Curtis Stender	Aurelia, Iowa
Travis Joshua Greiner	Keota, Iowa	Cody Steven Willenborg	Manning, Iowa
Adam Julius Johnson	Belmond, Iowa		

Curriculum in Agronomy

Weston Cole Baker	Huxley, Iowa	Josh Knight	Parker, Colo.
Maureen Kay Brenneman	Wellman, Iowa	Dillon John Muhlenbruch	Latimer, Iowa
Koryne Ann Carlson	Stratford, Iowa	Kayla Lynne Noble	West Des Moines, Iowa
Macy Maronna Heetland	Lakota, Iowa	Nathan Eldon Pech	Winthrop, Iowa
Kaitlin Marie Higgins	Ames, Iowa	Tyler Pierson	Colon, Mich.
Johnathon Paris Hoefling	Marcus, Iowa	Jeffrey Austin Reichter	Newell, Iowa
Heath Henry Huntley	Sidney, Iowa	Cody John Rolfes	Carroll, Iowa
Kenneth Jenkins	Boulder, Colo.	Derek Roger Rothe	Denison, Iowa
Joel Nathaniel Johnson	Latimer, Iowa	*** Gregory Richard Schoenbaum	Gilbert, Iowa
Benjamin Maxwell Jones	Ames, Iowa	Shawnee Montana Sproles	Corning, Iowa
** Eric Alexander Lyle Jones	Ames, Iowa	Justin Moran Stewart	Oelwein, Iowa
Edward Kibet Kemboi	Eldoret, Kenya	** Evan James VanDerWal	Sanborn, Minn.
Alexander Joseph Klein	Dunlap, Iowa		

Curriculum in Animal Ecology

Erica Michelle Anderson	Lombard, Ill.	Kailey Ann James	St. Louis, Mo.
Jessica Rose Colvin	Waterloo, Iowa	Derek Lee Johnson	Fort Dodge, Iowa
Xavier Antonio Cruz	Guaynabo, Puerto Rico	Sarah Ann Kleckner	Clive, Iowa
Michelle Lynn Davidson	Clarinda, Iowa	Kirstie Ann Lindsey	Urbandale, Iowa
Dezirae Rose Fontes	Elk Run Heights, Iowa	Nicholas Joseph McClimon	De Witt, Iowa
Tyler Kenneth Froman	Roscoe, Ill.	Abigail Stacy Petersen	Waverly, Iowa
Taela Rovonn Fullilove	Minneapolis, Minn.	Allyn Paulie Seberg	Burlington, Iowa
Allison Leigh Grossi	Muscatine, Iowa	Benjamen David Steinberg	Albion, Iowa
Macy Lin Harty	Clear Lake, Iowa	Benjamin Allen Swalla	Ames, Iowa
* Elizabeth Rae Heldt	Des Moines, Iowa	Samantha Marie Trail	Johnston, Iowa
Dustin Jay Horne	Tama, Iowa	Matthew Frederic Vanyo	Glendale, Ky.
		Micaela Anne Zagar	Perry, Iowa

Curriculum in Animal Science

Sarah Al-Mazroa	Winterset, Iowa	Paige Courtney Francis	Eddyville, Iowa
Lainey Linn Beeftink	Spring Grove, Ill.	Bianca Leigh Frank	Bensenville, Ill.
Caleb John Beer	De Witt, Iowa	* Jonathan M. Gardner	Elma, Iowa
Samantha Michelle Belcher	Tama, Iowa	** Stacey Jo Geerdes	Everly, Iowa
Deanna Lee Bidwell	Tama, Iowa	Bailey Christine Giddings	Sabula, Iowa
Natalie M. Brace	Janesville, Iowa	Brian Joseph Gill	Bartlett, Ill.
Zachary R. Caslavka	Muscatine, Iowa	* Danielle Rose Goodenough	Rochester, Minn.
Gabrielle Nicole Clark	Escondido, Calif.	Stephen Gene Griger	Red Oak, Iowa
Megan Lauren Clouse	Albia, Iowa	Alexander Jay Grober	Charles City, Iowa
Kaitlin Lee Coughlin	Nehawka, Neb.	* Kristina Marie Grubbs	Wheeling, Ill.
Michelle Marie Cuevas	Bayamon, Puerto Rico	* Jordan Matthew Harding	Denver, Mo.
*** Erin Lea Deters	Storm Lake, Iowa	Kody Mitchel Havens	Wiota, Iowa
Cheyenne Marie Eid	Fort Madison, Iowa	** Jessica Kathleen Hopkins	Havelock, Iowa
McKinzie Marie Flanagan	La Motte, Iowa	* Madison Renee Humpfer	Apple Valley, Minn.

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*** Summa Cum Laude

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Molly Elizabeth Kappelman		Sarah Elizabeth Phillips	Des Moines, Iowa
	Des Moines, Iowa	Bailey Dianna Reiling	Fort Dodge, Iowa
* Allysa Mikal Koethe	Urbandale, Iowa	* Brenton David Rossman	Hartley, Iowa
Ivey LaNae Kriegel	Deep River, Iowa	Sara Ann Rubin	Dexter, Iowa
Breanne Kay Kula	Anamosa, Iowa	Benjamin Daniel Samek	Waterloo, Iowa
John Alexander Lopez	North Liberty, Iowa	* Emma Frances Hannelore Schmoll	Iowa City, Iowa
Drew M. McClenahan	Prior Lake, Minn.		Norwalk, Iowa
Paige Marie Mercer	Davenport, Iowa	Cierra Jo Slagg	Sergeant Bluff, Iowa
Jessica Marie Miller	Dallas Center, Iowa	Emily Marie Strong	Slater, Iowa
Krystal Suzanne Miller	Murray, Iowa	Kyle Allen Sutton	Northwood, Iowa
Megan Ann Mitchell	Dow City, Iowa	Briar Leigh Tenold	Lohrville, Iowa
Stormy Renee Mulder	Hartland, Minn.	Marcus Wesley Vogel	Zearing, Iowa
Ariele Suzanne Peters	Council Bluffs, Iowa	Alex Jeffrey Webb	
Michael Calvin Peters	Milan, Ill.		

Curriculum in Biology

Angelica Danelle Banks	Ankeny, Iowa	** Tayler Marie Murray	Johnston, Iowa
***† Joel Thomas Bauer	Kasson, Minn.	* Emma Ann Nelson	Gilbert, Iowa
Jackson A. Foreman	Creston, Iowa	Kelsey Nicole Peterson	Chaska, Minn.
Brian Michael Gervais	Cedar Rapids, Iowa	Michael Philip Porter	Altoona, Iowa
Nicholas Joseph Goss	Johnston, Iowa	Samantha Marie Sics	Clarinda, Iowa
*** Katerina Marie Herzberg	Woodbury, Minn.	Montana LaRae Smith	Havana, Ill.
Jacob Thomas Hinrichsen	Spencer, Iowa	Ethan B. Sprung	La Moille, Ill.
Rahne Victoria McIntire	Dubuque, Iowa	Sean Andre Turner	Savage, Minn.

Curriculum in Culinary Science

Lauren C. Grant	Ames, Iowa
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Curriculum in Dairy Science

Robert Jon Gallagher II	Nashville, Tenn.	Erica Lynn Varner	St. Charles, Mo.
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Curriculum in Environmental Science

Luwis Andradige Ravindu Rasadun		Connor Cahill McComas	St. Paul, Minn.
Andradi		Connor L. Nicholas	Robins, Iowa
	Kandy, Sri Lanka	** Carolyn Marie Susa	Naperville, Ill.
Joshua Steven Bobst	Norwalk, Iowa	* Douglas M. Todey	Brookings, S. Dak.
* Siena Lark Clayton	Fairbanks, Alaska	Anzelika Marie Wesner	Des Moines, Iowa
Ruye Liu	Beijing, China		

Curriculum in Food Science

Padmadewi	Ames, Iowa
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Curriculum in Forestry

** Luke Adam Laaveg	Des Moines, Iowa	Michael Thomas Reiff	Independence, Iowa
Henry Arthur Moss	Sioux City, Iowa	* Nathan Randall Seibert	Linden, Iowa
** Jeffrey Carl Noble	Sioux City, Iowa	Charles R. Spenler	Williamsburg, Iowa
Aaron Anthony Joseph Razo	Marion, Iowa		

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Curriculum in Genetics

George Alan Budiselich *Urbandale, Iowa*
Alexandria Frances Burtness
 Mason City, Iowa

Phillip David Schmidt *West Des Moines, Iowa*

Curriculum in Global Resource Systems

* Elizabeth Rae Heldt *Des Moines, Iowa*

Erika Yasmin Mireles *Des Moines, Iowa*

Curriculum in Horticulture

Brad Howard Bathey *Adel, Iowa*
Alexander Mandius Buvala *Gurnee, Ill.*
Courtney Paige Clawson *Ackley, Iowa*
Alexis Marie Cook *Wall Lake, Iowa*
Tyler James Harris *Homer, Neb.*
Cole Dean Hopkins *Bayard, Iowa*
Nathan Victor Horne *Minnetrissa, Minn.*

** Laura Elaine Irish *Grayslake, Ill.*
* Katrina Jayne Knudsen *Harlan, Iowa*
Kara Dianne Orr *Manning, Iowa*
Michael Gordon Saaranen *St. Ansgar, Iowa*
Eric Lee Sellers *Sherrard, Ill.*
Jennifer Lee Walter *Indianola, Iowa*
Joshua James Wolters *Des Moines, Iowa*

Curriculum in Industrial Technology

** Cody James Anderson *Nevada, Iowa*
Randy Lee Caraveo *Mount Pleasant, Iowa*
Jonathan W. Daters *Eldridge, Iowa*
Adam N. Hansen *Olathe, Kans.*
Michael Alan Ingersoll *Cedar Falls, Iowa*
Adam Julius Johnson *Belmond, Iowa*
Malachi J. Kankam *Houston, Tex.*
Anthony Scott Lo *Sheldon, Iowa*
Toby Sean Lo *Sheldon, Iowa*
Emahesarae Marroquin *Dallas, Tex.*

Maria Del Mar Meléndez Anadón
 San Juan, Puerto Rico
Mitchel Mathew Michel *Bellevue, Iowa*
Joshua Alan Neese *Grand Junction, Iowa*
* Zachary James Parrish *Quincy, Ill.*
Kyle Ben Rothstein *Cold Spring, Minn.*
Tyler Wayne Stahl *Nevada, Iowa*
Khalid Ahmed Taha *Iowa City, Iowa*
Alexander J. Takacs *Oswego, Ill.*
Cody Lee Wesbrook *Clarinda, Iowa*

Curriculum in Insect Science

Drake Alexander Falcon *Keokuk, Iowa*

Curriculum in Microbiology

George Alan Budiselich *Urbandale, Iowa*
Alexandria Frances Burtness
 Mason City, Iowa
Natalie Marie Holtz *Melvin, Iowa*
Jessica Lisette Sanchez *Carol Stream, Ill.*

Darby Shayee Rozier Sheehan
 Cedar Falls, Iowa
Aric Parker Warren *Norwalk, Iowa*
Peter Wesley Woodman
 Steamboat Rock, Iowa

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

Multiple Curricula and Majors

- ***† Kiley M. Baerg Stanley, Iowa
*Agricultural and Life Sciences Education
and International Agriculture*
- ** Haley Marie Banwart West Bend, Iowa
*Agricultural and Life Sciences Education
and Liberal Arts and Sciences: Major in
Journalism and Mass Communication*
- Michael J. Becker Lansing, Iowa
*Agricultural Systems Technology and
Industrial Technology*
- Joshua J. Benning Hampton, Iowa
Environmental Science and Agronomy
- Catherine Maureen Dunbar
 Cedar Falls, Iowa
*Global Resource Systems and Liberal Arts
and Sciences: Major in Environmental
Studies*
- *** Savannah Rose Fernholz Centerville, Minn.
Biology and Animal Ecology
- Brady Steven Hanson Harpers Ferry, Iowa
*Industrial Technology and Agricultural
Systems Technology*
- Dylan Scott Havens Jefferson, Iowa
*Agricultural Business and Liberal Arts and
Sciences: Major in Economics*
- Jordan Earl Jenkins West Des Moines, Iowa
*Agricultural Systems Technology and
Industrial Technology*
- Andrew Lee Johnson Kingsley, Iowa
*Industrial Technology and Agricultural
Systems Technology*
- Kyle Andrew Johnson Oxford, Iowa
*Agricultural Systems Technology and
Industrial Technology*
- Mary Njeri Kimani Iowa City, Iowa
*Industrial Technology and Agricultural
Systems Technology*
- Melissa Jo Larson Bloomington, Minn.
*Global Resource Systems and
Environmental Science*
- Ricardo Leños Des Moines, Iowa
Horticulture and Agronomy
- *** Jennifer Lynn Lillo Omaha, Neb.
*Global Resource Systems and Liberal Arts
and Sciences: Major in Environmental
Studies*
- Quinn Thomas Maass Omaha, Neb.
*Agricultural Business and Liberal Arts and
Sciences: Major in Economics*
- * Clair Rose Mitzelfeldt Onalaska, Wis.
Microbiology and Genetics
- *** Nathan Gene Ohms Harlan, Iowa
*Agricultural Business and Liberal Arts and
Sciences: Major in Economics*
- Julie Anne Perreault Sioux City, Iowa
*Global Resource Systems and
Environmental Science*
- Austin James Plotz Swisher, Iowa
*Agricultural Systems Technology and
Industrial Technology*
- Michael Tracy Reyerson Alden, Minn.
*Industrial Technology and Agricultural
Systems Technology*
- Michael D. Richardson Glidden, Iowa
*Agricultural Business and Liberal Arts and
Sciences: Major in Economics*
- Madison Rose Schulte Granger, Iowa
Agronomy and Seed Science
- Justin Joseph Sparks Charlotte, Iowa
*Agricultural Systems Technology and
Industrial Technology*
- Kassidy Kristyne Stitz Ankeny, Iowa
Animal Ecology and Biology
- Jordan Summers Milo, Iowa
Agronomy and Seed Science
- Carter Thomas Swanger Merville, Iowa
*Industrial Technology and Agricultural
Systems Technology*
- Megan Elizabeth Talley Marion, Iowa
*Dairy Science and Agricultural and Life
Sciences Education*
- Jiacheng Tian Xian, China
*Agricultural Business and Liberal Arts and
Sciences: Major in Economics*
- Braiden Gerald Vrzak Waucoma, Iowa
*Industrial Technology and Agricultural
Systems Technology*
- Joseph Paul Weldon Oxford, Iowa
*Industrial Technology and Agricultural
Systems Technology*

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*** Summa Cum Laude

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CANDIDATES FOR DEGREES FROM THE COLLEGE OF BUSINESS

BACHELOR OF SCIENCE

Major in Accounting

* Adjoa Sika Yasenam Adanledji	West Des Moines, Iowa	* Matthew John Lageman	Des Moines, Iowa
Brooke Nicole Banwart	Ottosen, Iowa	Madison Renae Larson	Ankeny, Iowa
* Jamie Elizabeth Barnhart	West Branch, Iowa	Kimberly Jill Leinen	Earling, Iowa
** Shelby Jean Beilke	Humboldt, Iowa	Adam Patrick Lynch	Eden Prairie, Minn.
*** Caleb Michael Boersma	Ankeny, Iowa	* Spencer Thomas Macklin	Urbandale, Iowa
Blake Bogaard	Pella, Iowa	Devin Thomas Maloy	Woodbury, Minn.
Sara Pearl Brandenburg	Minnertonka, Minn.	Holly Kay Meysenburg	Des Moines, Iowa
Canhu Chen	Changsha Hunan, China	Andrew Joseph Millman	Quincy, Ill.
Liurui Chen	Hefei Anhui, China	Reid William Nedved	Mason City, Iowa
Caitlin Christine Clemens	Ankeny, Iowa	Felistas Muthoni Njenga	West Des Moines, Iowa
Alexander Benjamin Cutler	Amana, Iowa	Amavi Antoine Nutchou	West Des Moines, Iowa
Gabriela Davila	Des Moines, Iowa	* Sarah Kathleen Olson	Harlan, Iowa
Yanbing Xu Davis	Urbandale, Iowa	Jose Luis Perez-Estrada	Canovanas, Puerto Rico
* Benjamin Leno Park Day	New Ulm, Minn.	* Alexander Christopher Radig	Pocahontas, Iowa
*** Ryan Michael Decker	Dyersville, Iowa	*** Brianna Jo Ricklefs	Humboldt, Iowa
Sarah Elizabeth Dvorak	Ames, Iowa	Jessica Allyn Roach	Des Moines, Iowa
Shurong Fan	Xi'an, China	Christopher S. Schminke	Knoxville, Iowa
Lan Feng	Shaoxing, China	Marissa Lynn Schmitt	Ankeny, Iowa
Jane E. Finn	Savage, Minn.	Kyle Schuett	Dakota Dunes, S. Dak.
*** Laura Beth Garrett	Harlan, Iowa	*** Seth Paul Serhienko	Bottineau, N. Dak.
Nicholas Alan Gerdes	Pella, Iowa	Bethany Marie Simon	Farley, Iowa
Preston Robert Grygiel	Savage, Minn.	Michael James Svendsen	Marshalltown, Iowa
Walter Pascal Haule	Urbandale, Iowa	** Elizabeth Ann Wagner	Ankeny, Iowa
Michael S. Hoffbeck	Macomb, Ill.	** Julie Ann Watermiller	Buffalo, Minn.
Kunning Hu	Hefei, China	Xinyu Wei	Wuhan, China
Dustin James Kalinay	Toledo, Iowa		
** Kyleigh Mariah King	Aurora, Colo.		
**† Jordan Machelles Kulow	Iowa Falls, Iowa		

Major in Finance

Brooke Nicole Banwart	Ottosen, Iowa	Abbie Renae Lang	Osage, Iowa
* Noah Benjamin Beck	Rockton, Ill.	Clark Harvey Lawton	Tokyo, Japan
Chas Ronald Biery	Sutherland, Iowa	Zhiyang Ling	Sparks, Nev.
Dustin Micheal Blount	Glenwood, Iowa	Fengkai Liu	Chengdu, China
Blayke Margaret Brice	Marion, Iowa	Sijia Liu	Chengdu, China
Da Chen	Wenzh, China	Austin Douglas Lucas	Lenexa, Kans.
Liyi Chen	Chengdu, China	* Spencer Thomas Macklin	Urbandale, Iowa
Max A. Crawford	Bloomington, Minn.	Zachary Taylor Marean	West Des Moines, Iowa
** Luansong Cui	Harbin, China	Aaron Patrick McGrean	Altoona, Iowa
Nicholas Brian Donohoe	Iowa City, Iowa	Molly Margaret McGrory	Ames, Iowa
* Lengheng Gao	Chengdu, China	Cale Dustin McMartin	Massena, Iowa
* Dylan S. Guest	Ottumwa, Iowa	** Jenna Lynne Miller	Eagle Grove, Iowa
Connor S. Hankey	Elkader, Iowa	Luke Andrew Murphy	Grimes, Iowa
Dylan Scott Helmricks	Des Moines, Iowa	Kade David Olson	Iowa Falls, Iowa
** Yuehang Hu	Chengdu, China	Brandon Lee Page	Lake View, Iowa
Zilun Jiang	Anji, China	* Nathan Donald Peters	Maxwell, Iowa
Sheng Jin	Suzhou, China	* Qi Qian	Suzhou, China
Alex David Jones	Waukee, Iowa	* Alexander Christopher Radig	Pocahontas, Iowa
Sai Ke	Chengdu, China	Kristopher Dean Reinhart	Boone, Iowa
Charles James Koller	Stillwater, Minn.		
Eric Michael Kubota	Lisle, Ill.		

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Mitchell Jon Sankey	Ames, Iowa	* Jing Wang	Nanjing Jiangsu, China
Matthew Robert Schimmel	Elk Grove Village, Ill.	Benjamin C. Wolthuizen	Akron, Iowa
Andrew Robert Schmidt	Ames, Iowa	** Xinrui Xu	Nanjing, China
Christopher S. Schminke	Knoxville, Iowa	Xiaoyi Yang	China
Branden James Severseike	Radcliffe, Iowa	Selena Shanshan Yun	Hainan, China
* Hong Ze Tan	Banting Tbj, Malaysia	David William Zappa	Eagan, Minn.
* Samantha J. Thilges	Woden, Iowa	Beili Zhang	Beijing, China
** Cara R. Vale	Spirit Lake, Iowa	Shiyu Zhao	Xi'an, China
Carly Rebecca Walker	Red Oak, Iowa	Xuelei Zhao	Zhengzhou, China
		* Suhao Zhou	Chengdu, China

Major in Management

Jessica Anguiano	Sioux City, Iowa	Heidi April Manken	Ogden, Iowa
Jacob Lee Bauer	Audubon, Iowa	Nicholas Mark Merfeld	Independence, Iowa
Summer Dawn Campbell	Earlham, Iowa	Douglas John Petersen Jr.	Estherville, Iowa
Ghina Ahmad Chabayta	Ankeny, Iowa	Sarah Christine Reeve	Ankeny, Iowa
Kelsey Rae Duff	Altoona, Iowa	Douglas John Petersen Jr.	Estherville, Iowa
Chase A. Flack	Jefferson, Iowa	Samuel Boyd Richardson	Winter Park, Fla.
Jordyn Rebecca Grose	Mount Ayr, Iowa	Candace Briana Schaper	Woodstock, Ill.
Stephanie Ann Herrington	Eagle Grove, Iowa	Zachary James Seaman	Roland, Iowa
Cal Christian Huber	Mason City, Iowa	Erin Crystal Smith	Ames, Iowa
Cheyenne Danielle Hunt	Indianola, Iowa	Jake Thomas Smith	Sioux City, Iowa
Jeremy Alan Jacobsen	Elkhart, Iowa	Nolan Stice	Stevenson Ranch, Calif.
Pei-Shan Liu	Kaohsiung, Taiwan	Chris John Turner	Omaha, Neb.
Christofer Alan Luinstra	Harris, Iowa	Alexander K. Van Alstyne	Princeton, N.J.
Marek Andreas Macek	Ft. Dodge, Iowa	Lucy Denisse Villagomez	Albert Lea, Minn.

Major in Management Information Systems

Lam Peter Bien	Altoona, Iowa	Anthony Louis Lavorato	West Des Moines, Iowa
Joseph Robert Bitz	St. Charles, Iowa	Cainon Keith Leeds	Stratford, Iowa
Thomas Christopher Brix	Ankeny, Iowa	* Shu Liu	Handan, China
* Jie Chang	Xuzhou, China	Bryce Evan Marra	Hull, Iowa
Patrick Karl Christianson	Boone, Iowa	Nolan David Martin	Cherokee, Iowa
Tanner Zackery Diercks	Lakeville, Minn.	Johnathan David McNeer	Newton, Iowa
Austin Taylor Dillinger	Peru, Iowa	Jonathan G. Meyer	Roland, Iowa
** David Scott Ferguson	Coralville, Iowa	Spencer Jerald Peterson	Story City, Iowa
Benjamin Patrick Ford	Des Moines, Iowa	Scott Neil Rippke	Moville, Iowa
Patrick John Garrity	Bettendorf, Iowa	Johnathon Michael Rolf	Ankeny, Iowa
Simon Joseph Gaul	Des Moines, Iowa	Gentry John Rose	Woodward, Iowa
Macklin Joseph Gavin	Johnston, Iowa	William Hugh Rucker	Clear Lake, Iowa
Brynnan Caye Greimann	Huxley, Iowa	Jared Michael Schaben	Sergeant Bluff, Iowa
Roger M. Haines	Marshalltown, Iowa	Jeffery Michael Silva	Bolingbrook, Ill.
Kevin Edward Harkins	Deer Park, Ill.	Graeme Phillip St. Clair	Sheldon, Iowa
** Vincent Rudolph Hartogh	Osage, Iowa	Patrick Anthony Turvin	Phoenix, Ariz.
Jordan Joseph Haskovec	Lime Springs, Iowa	Michael James Tuttle	Excelsior, Minn.
Mark O'Connor Highland	Norman, Okla.	Isaac Andrew Walsh	Minneapolis, Minn.
Tinh Hoang-Thi	Des Moines, Iowa	Zachary Allen Westpfahl	Center Point, Iowa
Nile J. Jacobus	Des Moines, Iowa	Jacob P. Zenk	Urbandale, Iowa
Matthew John Lang	Ames, Iowa	*** Beier Zhang	Shaoxing, China

Major in Marketing

John Christopher Anderson	Woolstock, Iowa	Sara Ann Collins	Pella, Iowa
Chelsea Jeanne Behnke	Shakopee, Minn.	Colby James Creger	Cedar Falls, Iowa
Karen E. Brinkmeier	St. Charles, Ill.	Joshua James Driscoll	Ankeny, Iowa
** Caitlin Brown	Apple Valley, Minn.	Kelsey Rae Duff	Altoona, Iowa
* Christy Marie Butler	Nevada, Iowa	Willis Franklin Fieldsend	Des Moines, Iowa
* Kathryn Clare Cavanaugh	Urbandale, Iowa	Adam James Gardner	Grimes, Iowa

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Dylan Joseph Goetzinger	Ankeny, Iowa	Megan Lee Rice	Johnston, Iowa
Marcus P. Hemphill	Jewell, Iowa	Kelsey Renae Roberts	Corning, Iowa
Trent M. Hulseberg	Ankeny, Iowa	Bret Alan Schulte	Marshalltown, Iowa
Daniel David Jacobsen	Elgin, Ill.	Harpreet Singh	Cedar Rapids, Iowa
Tyler Gene Jass	Ankeny, Iowa	Kathryn Jean Speltz	Shoreview, Minn.
Euna Ji	Seoul, South Korea	Chelsie Lynn Spencer	Eldridge, Iowa
* Emma Ann Kuntz	Clive, Iowa	Michael Jeffrey Talbot	Newton, Iowa
Benjamin Douglas Leiting	Carroll, Iowa	Alexander K. Van Alstyne	Princeton, N.J.
Blake Warner Mikesell	Altoona, Iowa	Lana Elizabeth Vilez	Norwalk, Iowa
Nate Robert Molak	Carroll, Iowa	Benjamin Ryan Wagner	Mason City, Iowa
Taylor Olsen	Missouri Valley, Iowa	Jordan Marie Walker	Houghton, Iowa
Meghan Francis Peterson	Hudson, Wis.	Tanner Jackson Walker	Eldora, Iowa
Nathan Scott Pietz	Huxley, Iowa	Mary Rita Worthington	Omaha, Neb.
Ksenia Pronina	Duesseldorf, Germany	Calli Ann Zimmerman	Deep River, Iowa

Major in Supply Chain Management

Connor Michael Almasi	Robins, Iowa	Luke Stephen McCall	Algona, Iowa
Tyler Dylan Amsberry	Omaha, Neb.	Marcus Michael McWilliams	Sioux City, Iowa
John Christopher Anderson	Woolstock, Iowa	Christopher Nathan Miller	Cedar Rapids, Iowa
Austin Jacob Anthofer	Coon Rapids, Iowa	* Jordan Joseph Mitchell	Lawler, Iowa
Jacob Lee Bauer	Audubon, Iowa	David Edward Moore	Davenport, Iowa
Tyler Scott Baumhover	Ogden, Iowa	Inoussa Moussa	West Des Moines, Iowa
Kurtis Michael Bradley	Eagan, Minn.	** Samuel Andrew Murray	Grimes, Iowa
* Christy Marie Butler	Nevada, Iowa	Cameron Kirk Mushrush	Peosta, Iowa
Mitchell David Dorothy	Fairfield, Iowa	Troy Jennings Peterson	Ames, Iowa
** Adam Thomas Downey	Austin, Minn.	Michael Jarvis Russ	Ames, Iowa
James Michael Dudzinski	Ankeny, Iowa	Alec Jeffrey Ryan	Ankeny, Iowa
Matthew Emard	Bettendorf, Iowa	Francisco Refujio Sanchez	Shakopee, Minn.
Elissa Leah Englert	Cedar Rapids, Iowa	Daniel Mcquillan Schaefer	Mendota Hts, Minn.
Laura Ann Frazer	Sunnyvale, Calif.	Brady James Schmidt	Libertyville, Ill.
Kevin Jeffrey Harreld	Woodbury, Minn.	* Amanda Victoria Stefanik	Oskaloosa, Iowa
Samuel William Heintz	North St Paul, Minn.	Jacob Nelson Vanderslice	Overland Park, Kans.
Christopher Raymond Helland	West Des Moines, Iowa	Jenna Elizabeth Wittkop	Ankeny, Iowa
John P. Hogan	Palatine, Ill.	Mary Rita Worthington	Omaha, Neb.
Daniel J. M. Jorgensen	Des Moines, Iowa	Zhaojun Yan	Ames, Iowa
Nathaniel Kiptoo Ketter	Ankeny, Iowa		
Jessica L. Kimberley	Altoona, Iowa		
Sonie Jinsook Litchfield	Olympia, Wash.		

Multiple Curricula and Majors

Jonathan Avalos Valdez	Denison, Iowa	Zachary Dylan Choate	Parkersburg, Iowa
<i>Business Economics and Finance</i>		<i>Finance and Accounting</i>	
** Yifei Bai	Ankeny, Iowa	Trevor James Courtier	Ankeny, Iowa
<i>Supply Chain Management and Finance</i>		<i>Management and Supply Chain Management</i>	
** Mitchell Joseph Bauer	Pocahontas, Iowa	** Zhidan Deng	Chengdu, China
<i>Supply Chain Management and Management</i>		<i>Finance and Accounting</i>	
Brian Keith Bishop	South St. Paul, Minn.	Jackson Haley Dougherty	St. Paul, Minn.
<i>Marketing and International Business</i>		<i>Marketing and International Business</i>	
Rodney Wade Campbell	Centerville, Iowa	* Zachary John Edwards	Bettendorf, Iowa
<i>Marketing and Management</i>		<i>Accounting and Finance</i>	
Wendi Cao	Chengdu, China	Thomas Gordon Engquist	Harcourt, Iowa
<i>Finance and International Business</i>		<i>Finance and International Business</i>	

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- ** Elliott James Frey Clive, Iowa
Marketing and Management
- Anne Elise Fuller Plover, Wis.
Marketing and International Business
- Colby Ciara Geniec Las Vegas, Nev.
Management and Marketing
- *** Erin Marie Heffner Le Mars, Iowa
Accounting and Finance
- Taylor M. Huebotter Quincy, Ill.
Supply Chain Management and Management Information Systems
- Samuel Rush Johnson Naperville, Ill.
Marketing and Management
- Zachary Jacob Koziolk Northwood, Iowa
Accounting and Management Information Systems
- * Justin L. Kruckenberg Postville, Iowa
Management and Marketing
- Cassie Wei Teng Leong Selangor, Malaysia
Finance and Management
- *** Rachel Elizabeth LoBianco Muscatine, Iowa
Supply Chain Management and Finance
- Hannah Victoria Nelsen Ames, Iowa
Marketing and International Business
- Zachary Douglas Nolte State Center, Iowa
Finance and Supply Chain Management
- *** Keith Jared Oskvig Milford, Iowa
Management and Marketing
- Paige Nicole Peterson Stanton, Iowa
Supply Chain Management and Management
- ** Katelyn Marie Pringnitz Nevada, Iowa
Accounting and Finance
- Joseph Thomas Rinker Ankeny, Iowa
Finance and Management
- Mark Charles Rissmann Excelsior, Minn.
Management and Marketing
- Timothy Daniel Sauer Ogden, Iowa
Finance and Management Information Systems
- Allison D. Sheets Newton, Iowa
Supply Chain Management and Marketing
- Yiqiong Shen Ningbo, China
Accounting and Finance
- ** Ruonan Sun Suzhou Jiangsu, China
Finance and Management Information Systems
- Dilini Patricia Sundaram Apple Valley, Minn.
Management and Marketing
- Melissa Jia Gie Tan Subang Jaya, Malaysia
Finance and International Business
- *** Rachel Anne Van Roekel Pella, Iowa
Supply Chain Management and Management
- Maximillian J. Von Lehe Glen Ellyn, Ill.
Marketing and Management
- Nicholas Eli Walsh Minneapolis, Minn.
Marketing and Liberal Arts and Sciences: Major in World Languages and Cultures(German)
- Jenna Elizabeth Wittkop Ankeny, Iowa
Accounting and International Business
- * Shu Zhang Huzhou, China
Accounting and Finance

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

David Louis Greco *Minneapolis, Minn.*
Josiah Brock Ruhland *Ankeny, Iowa*
John W. Schrader *Grayslake, Ill.*

Alexander Steven Vondrak *Sioux City, Iowa*
Jenna Ann Wiegand *Pleasantville, Iowa*

Multiple Curricula and Majors

Yi Zhi Yew *Bahau, Malaysia*
Architecture and Liberal Arts and Sciences:
Major in Environmental Studies

BACHELOR OF ARTS

Curriculum in Art and Design

* Christina Kay Newton *Britt, Iowa*

BACHELOR OF DESIGN

Curriculum in Design

Brendan Joseph Favo *Arden Hills, Minn.*
* Colin Anthony Gargano *Fort Dodge, Iowa*
Nicole Marie Gubbels *Des Moines, Iowa*

Jordan William Rausch *Marion, Iowa*
Cord Alan Slaymaker *Williamsburg, Iowa*
Laurella Catherine Weiss *Kanawha, Iowa*

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

Brenda Ann Baccam *Des Moines, Iowa*

Curriculum in Integrated Studio Arts

Cassandra J. Louise Detrick *Ankeny, Iowa*
Karli Elyse Sandos *St. Louis, Mo.*

Katharine E. Schmidt *St. Louis, Mo.*
David Alan Stubblefield *Sioux City, Iowa*

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

BACHELOR OF INDUSTRIAL DESIGN

Curriculum in Industrial Design

** Mariangely Iglesias Pena *Carolina, Puerto Rico*

***† Justin Nicholas Monaco *Edwardsville, Ill.*

BACHELOR OF LANDSCAPE ARCHITECTURE

Curriculum in Landscape Architecture

Qi Qin

Shijiazhuang, China

BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Andrew Michael Clawson *Des Moines, Iowa*

Richard Joseph McGowan *Waukegan, Ill.*

Daniel Alan Osoba *Naperville, Ill.*

Joseph C. Surdam *Schaumburg, Ill.*

Tanatswa Estina Tavaziva *Harare, Zimbabwe*

Lauren Jessica Whetstone *Lake Zurich, Ill.*

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE

Curriculum in Aerospace Engineering

Gary Michael Acosta	<i>Shenandoah, Iowa</i>	Young Hoon Im	<i>Busan, South Korea</i>
Andrew DeLong Barker	<i>Maple Grove, Minn.</i>	Jackson D. Johnson	<i>Osceola, Wis.</i>
Lucas Lee Bauer	<i>Audubon, Iowa</i>	Ebbi Ethelbert Joseph	<i>Pella, Iowa</i>
** Zachariah Glenn Benedict	<i>Terril, Iowa</i>	Sara Jean Koniecko	<i>Downers Grove, Ill.</i>
Julie Kathleen Bothell	<i>Center, Colo.</i>	Garrett Mark Lunde	<i>Eagan, Minn.</i>
Wesley James Brueland	<i>Ogden, Iowa</i>	Peighton Elizabeth MacLeod	<i>Cedar Falls, Iowa</i>
* Kevin Moore Carrington	<i>Clinton, Iowa</i>		<i>Newton, Iowa</i>
Arturo Bernardino Cruz III	<i>Omaha, Neb.</i>	* Ira Mitchell III	<i>Des Moines, Iowa</i>
David Enciso	<i>Clifton, N.J.</i>	Joshua Trejo Moreno	<i>Lakeville, Minn.</i>
** Ryan Michael Freeman	<i>Waukeee, Iowa</i>	*** Jordan Ryan Nelson	<i>Des Moines, Iowa</i>
Aidan Christopher Garry	<i>Chippewa Falls, Wis.</i>	** Regan Michael Parker	<i>Woodstock, Ill.</i>
	<i>Rochester, Minn.</i>	* Kishan Jayantibhai Patel	<i>Marion, Iowa</i>
Andrew Robert Grosbach	<i>Lino Lakes, Minn.</i>	Alexander M. Peters	<i>Mason City, Iowa</i>
Mark H. Gruendeman	<i>Shellsburg, Iowa</i>	Brent Michael Scharlau	<i>Burlington, Iowa</i>
*** Wyatt Alex Hagen	<i>Crystal Lake, Ill.</i>	Zachary J. Swanson	<i>Grand Rapids, Mich.</i>
** Mathew Dennis Hearne	<i>Cedar Rapids, Iowa</i>	** Jared Lee Taylor	<i>Chariton, Iowa</i>
Zachary Robert Heathman	<i>Wheeling, Ill.</i>	** Justin D. Van Den Top	<i>Vinton, Iowa</i>
		James Douglas Leon Yenser	
Ryan C. Himmelblau			

Curriculum in Agricultural Engineering

Michael David Bell	<i>Newton, Iowa</i>	* Bryce Eugene Hruska	<i>Lime Springs, Iowa</i>
Michael James Birkel	<i>Peoria, Ill.</i>	Christopher H. Lauer	<i>Coralville, Iowa</i>
Philip John Brotherton	<i>Wall Lake, Iowa</i>	Austin Lee Luellen	<i>Minburn, Iowa</i>
Dustin Keith Carter	<i>Douds, Iowa</i>	Joshua David Sampson	<i>Adel, Iowa</i>
Kyle Anthony Eganhouse	<i>Maquoketa, Iowa</i>	Joshua Peter Simon	<i>Farley, Iowa</i>
Justin Michael Graber	<i>Crawfordsville, Iowa</i>	Zach Torres	<i>Sterling, Colo.</i>
Dalton James Hemer	<i>Arthur, Iowa</i>		

Curriculum in Biological Systems Engineering

Karla Enid Lebron	<i>Toa Alta, Puerto Rico</i>	Bailley Anne Richardson	<i>Lake City, Iowa</i>
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Curriculum in Chemical Engineering

Tina Akinyi	<i>Nairobi, Kenya</i>	Spencer Eugene Langtimm	<i>Iowa City, Iowa</i>
Isaac Alan Almquist	<i>Kearney, Neb.</i>	Jacob A. Larson	<i>Storm Lake, Iowa</i>
Yaqoub Y.A.S.T. Altawari	<i>Kuwait, Kuwait</i>	Andrew James Lasch	<i>Oakdale, Minn.</i>
Mitchell A. Berns	<i>Waukon, Iowa</i>	Hwan Ling Lee	<i>Malaysia</i>
Sarah M. Biver	<i>West Union, Iowa</i>	Tanner Charles Lewis	<i>Osage, Iowa</i>
Kathryn Jane Cooley	<i>Adel, Iowa</i>	Kaylin Layne Livermore	<i>Coon Rapids, Minn.</i>
Jonathan R. Cunningham	<i>St. Charles, Ill.</i>	Nur Nasyitah Mansor	<i>Selangor, Malaysia</i>
Paul Thomas Gregory	<i>Ft. Madison, Iowa</i>	Logan D. Miskowiec	<i>De Witt, Iowa</i>
Grace Elisa Gunawan	<i>Tangerang, Indonesia</i>	** Rachel Pearl Morris	<i>Cincinnati, Ohio</i>
Nicholas Hale	<i>Rockford, Ill.</i>	Aishah Najiha Noraizaan	<i>Selangor, Malaysia</i>
Nate Martin Hamlett	<i>Arlington, Iowa</i>	** Jason Daniel Pals	<i>North Liberty, Iowa</i>
Travis John Hattery	<i>Davenport, Iowa</i>	* Elspeth Morgan Petersen	<i>Davenport, Iowa</i>
Trace Harrison Herman	<i>Excelsior, Minn.</i>	Paule Myriame Pochangou	<i>Douala, Cameroon</i>
** Parker Joseph Hoye	<i>Atlantic, Iowa</i>	James Alan David Robinson	<i>Minneapolis, Minn.</i>
Ufuomaroghene E. Ikoba	<i>Bettendorf, Iowa</i>		
Bo Mark Johnson	<i>Shakopee, Minn.</i>		
* Tyler R. Johnson	<i>Rosemount, Minn.</i>		

* *Cum Laude*

** *Magna Cum Laude*

*** *Summa Cum Laude*

† *Honors Program*

Carson J. Root	Monroe, Wis.	Anh Tri Ngoc Tran	Des Moines, Iowa
** Michael J. Schneider	Cedar Rapids, Iowa	Erika Marie Vaassen	Indianola, Iowa
Mark Stephen Sitek	Bucyrus, Kans.	Glenn A. Van Staalduine	Marshalltown, Iowa
Miles Alexander Snyder	North Platte, Neb.	Richard C. Villarreal III	Batavia, Ill.
Ian Lee Storey	Vinton, Iowa	Erika Lynn Weimer	Plymouth, Minn.
Alyson M. Straube	Franksville, Wis.	Daniel Aaron Western	Charles City, Iowa
Cody Nicholas Stultz	Sergeant Bluff, Iowa	Timothy Ryan Westrum	Ames, Iowa
Geng Sun	Jinan, China	** Daniel John Wiegel	Illinois City, Ill.
* Isaac Daniel Taylor	Zearing, Iowa	Ryan Erik Youngdahl	Plymouth, Minn.
Thomas Pearom Teav	Des Moines, Iowa		

Curriculum in Civil Engineering

Evan Lucas Baczek	Lake Zurich, Ill.	William Andrew Mann	Crystal Lake, Ill.
Danielle Marie Baranski	Sterling Heights, Mich.	Carel Rose Mercado Manuel	Mongmong, Guam
* Nicholas Paul Beckman	Iowa City, Iowa	Youzhe Mao	Lanzhou, China
Brittany Ann Borup	Urbandale, Iowa	Robert Maclean Marzolf	New Hampton, Iowa
Jared Neal Bottjen	Clear Lake, Iowa	Ryan Thomas Nelson	Forest City, Iowa
Jared Michael Bowen	Naperville, Ill.	Kyle Robert Nerad	Osage, Iowa
Ward Ahmad Chabayta	Ankeny, Iowa	* Blake Thomas Peterson	Ft. Dodge, Iowa
* Zhi Hean Chow	Puchong, Malaysia	Preston W. Potas	Bartlett, Ill.
Kevin Joseph Coon	Oxford Junction, Iowa	Levi H. Powell-Littler	Iowa City, Iowa
* Matthew James Erickson	Thor, Iowa	Kevin Edward Ranney	Ames, Iowa
Nathan Robert Fischer	Columbia, Mo.	Caleb Dirk Rasmussen	Hamlin, Iowa
J. Dean Mangune Garcia	Dededo, Guam	Trevor Thomas Romanko	Shoreview, Minn.
Alex Ray Gaumer	St. Charles, Iowa	** Trenton Lundy Smith	Polk City, Iowa
McKinley James Geiger	Lombard, Ill.	Yuqi Song	Lanzhou, China
Bradley Richard Gipple	Ackworth, Iowa	Britta Marie Sortland	Woodbury, Minn.
Kai Yuan Gooi	Bukit Mertajam, Malaysia	Daniel Soto	Perry, Iowa
* Rebecca Ann Guenther	Apple Valley, Minn.	Kyle William Streicher	Bettendorf, Iowa
Colton Dean Hoffmann	Newton, Iowa	*** Yee Er Teoh	Subang Jaya, Malaysia
Joel Ibarra	Marshalltown, Iowa	Olivia Marie Vogelsberg	Geneva, Ill.
** Ryan Robert Iburg	Marengo, Iowa	Trevor Joel VonWeihe	Treynor, Iowa
Christopher Eugene Jolley	Waterloo, Iowa	Timothy Dale Wallace	Homestead, Iowa
** Corona V. Kenowski	Holmen, Wis.	Skylar A. Walsh	Des Moines, Iowa
Kayla Nalani Amy Kimura	Kailua, Hawaii	* Patrick Michael Watts	Colo, Iowa
Jonathon L. Kline	Des Moines, Iowa	Cameron Gary White	Webster City, Iowa
Kyle Alexander Lawson	West Des Moines, Iowa	Patrick Forrest Williams	Cary, Ill.
Gen Ci Lee	Simpang Renggam, Malaysia	* Lucas Allen Wilson	Le Grand, Iowa
Sing Poh Lee	Subang Jaya, Malaysia	Jia Jiang Woon	Malaysia
** Wei Yee Lim	Kuala Lumpur, Malaysia	** Benjamin Michael Worrell	Solon, Iowa
Yang Luo	Tianjin, China	Zhiheng Xu	Xi'an, China
Zhuolei Luo	Lishui, China	Yi Liang Yew	Bahau, Malaysia
		Yan Zhou	Luohe, China

Curriculum in Computer Engineering

Colton Mitchell Bachman	Garner, Iowa	Daniel Richard Keith	Burlington, Iowa
*** Austin Mckinley Benson	Cedar Rapids, Iowa	Monica Joan Kozbial	Villa Park, Ill.
Josiah Lee Bodenhamer	Shakopee, Minn.	Evan David Kroeger	Quincy, Ill.
Nicholas Lee Cervantes	Bettendorf, Iowa	Branden Charles Lange	Norwalk, Iowa
Joshua Carter Cline	Polk City, Iowa	Hang Li	Qitaihe, China
Matthew Paul Clucas	Rochelle, Ill.	** Cody James Lougee	Lakeville, Minn.
Andrew Jacob Connelly	Des Moines, Iowa	Luke M. McDonald	Lakeville, Minn.
Junjie Fan	Wuhan, China	* Joseph Michael Meis	Le Mars, Iowa
Sarah Elizabeth Files	Urbandale, Iowa	Charles J. Milius	Omaha, Neb.
Sean Patrick Finn	Urbandale, Iowa	Saurabh Minocha	New Delhi, India
** Nicholas G. Gonner	Dubuque, Iowa	Jacob Adam Moyer	Glenwood, Iowa
Eric James Graika	Bloomington, Minn.	Matthew Thomas Petron	Minnertonka, Minn.
Scott Michael Hood	Crystal, Minn.	Lucas Joseph Rohret	Oxford, Iowa
Xin Hu	Wuhan, China	*** Thomas Edwin Schwaderer	Urbandale, Iowa

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

Forrest Vahid Scott	Mt. Vernon, Iowa	Brant Michael Walsh	Glidden, Iowa
Jake David Seddon	Batavia, Ill.	Brian Lee West	Creston, Iowa
* Thomas Robert Snyder	Wauconda, Ill.	Kathryn Nicole Widen	Milwaukee, Wis.
Katelyn Lee Staines	Waverly, Iowa	David Joseph Wielinski	St. Paul, Minn.

Curriculum in Construction Engineering

Zachary S. Ahrenholtz	Slater, Iowa	* Ethan Wade McConnell	Manilla, Iowa
Bryan W Billman	Zumbrota, Minn.	Samuel T. Menzel	Minneapolis, Minn.
Lucas George Boyle	Cedar Rapids, Iowa	Braden Alexander Moers	Carlisle, Iowa
* Ted Douglas DuBois	Ft. Dodge, Iowa	Erin Kristine North	Monroe, Iowa
Ryan Jeffery Emerson	Clear Lake, Iowa	Travis John Regan	Maquoketa, Iowa
Joshua M. Flott	Papillion, Neb.	** Justin Lyn Savage	Weldon, Iowa
Brandon Steven Griffin	Spirit Lake, Iowa	William Christian Savage	Columbia, Mo.
Yuan Ji	Nanjing, China	Christopher M. Sheehan	Des Moines, Iowa
Molly Katherine Jutz	Woodbury, Minn.	Miles H. Turner-Gentsch	Evansville, Ind.
** Joseph Valarius Kern	Davenport, Iowa	Richard Kyle Van	Mentor, Ohio
Andrew Eligio James Lemus	Davenport, Iowa	Xinyuan Zhao	Chengdu, China

Curriculum in Electrical Engineering

Fatema Aftab	Karachi, Pakistan	Stephen Paul Nelson	Roscoe, Ill.
Deborah Lynn Baeder	Elgin, Ill.	* Jacob Edward Olstad	Savage, Minn.
Brian James Bahr	Woodbury, Minn.	Aaron B. Pederson	Austin, Tex.
Yan Yao Chan	Bayan Baru, Malaysia	Kiran Sudhir Rane	Nashik, India
Elizabeth Pearl Clarkin	Batavia, Ill.	Aaron Patrick Reyes	Los Alamitos, Calif.
Dana Jay Conrad	Cedar Falls, Iowa	Aaron J. Schafbuch	Marshalltown, Iowa
Jin Cui	Liaocheng, China	Seth Allen Schmidt	Sioux City, Iowa
Brittany A. Duffy	Fairbank, Iowa	Jacob Geoffrey Schoneman	Cedar Rapids, Iowa
* Matthew William Eckes	Palo, Iowa	** Caleb D. Schulze	Fairmont, Minn.
** Weikun Han	Taiyuan, China	Yixiao Shen	Beijing, China
** Clayton David Hawken	Woodbury, Minn.	* Cory Snooks	Pocatello, Idaho
Timothy Hayes Howell	Bloomington, Minn.	* Chad W. Stobbie	Woodbury, Minn.
Chao Huang	Ames, Iowa	Sohail Ramesh Suryavanshi	Mumbai, India
Andrew C. Hutchinson	Batavia, Ill.	Shane Edward Thompson	Annapolis, Md.
* Andrew J. Jiles	Ames, Iowa	Alec James Walczak	Oconomowoc, Wis.
Brandon Wayne Koepke	Grayslake, Ill.	Daniel Duane Weisert	Sumner, Iowa
Kyle Christopher Kraus	Cumming, Iowa	Tyler Scot Westerberg	Columbia Heights, Minn.
Yee Zhian Liew	Petaling Jaya, Malaysia	* Mingda Yang	Dalian, China
Mitchell Kenneth Meiss	St. Charles, Ill.	** Zhong Zhang	Hangzhou, China
Matthew Austin Mulloy	Bettendorf, Iowa		
Alain Gaylor Ndoutoume	Cedar Rapids, Iowa		

Curriculum in Industrial Engineering

** Samuel Thomas Berg	Stillwater, Minn.	Morgan Eleri Kleissler	Hugo, Minn.
Ashley Ann Bye	New Brighton, Minn.	Emmet Knapp	Des Moines, Iowa
Shebah Abraham Chirackal	Davenport, Iowa	Matthew Benjamin Konsor	Council Bluffs, Iowa
Alexander John DiLorenzo	Stillwater, Minn.	Charles Anthony Kost	Batavia, Ill.
*** Zoe Jade Eagle	Johnston, Iowa	Joshua Matthew Lamm	McHenry, Ill.
John Larry Fehr	Newton, Iowa	Austin Paul McKeever	Defiance, Iowa
Charlie Thomas Felmlee	Chanhassen, Minn.	Veronica A. Montinho	Guaynabo, Puerto Rico
Andrew Charles Fredrickson	Pulaski, Wis.	Abhishek Pant	Iowa City, Iowa
** Jared Michael Frese	Norway, Iowa	David J. Peiffer	Marion, Iowa
Alexander Thomas Gatziolis	St. Charles, Ill.	* John D. Reichert	Hampton, Minn.
Jared L. Hetzler	Muscatine, Iowa	Moriah Lee Richardson	Joliet, Ill.
***† Michael J. D. Hoefler	Cedar Rapids, Iowa	Gabriel Elijah Rios	Chicago, Ill.
Alex S. Jensen	Pocahontas, Iowa	Salvador Sanchez-Mercado	Des Moines, Iowa
Scott Craig Johnson	Cedar Rapids, Iowa		
Levi Chase Jorgensen	Rolling Meadows, Ill.		

* Cum Laude

** Magna Cum Laude

*** Summa Cum Laude

† Honors Program

Alisha J. Smith Polk City, Iowa
 Justin Michael Thede Denison, Iowa
 Sarah Elizabeth Thompson Davenport, Iowa
 Alex J. Vogt Plymouth, Minn.
 Lee R. Vondrak Sioux City, Iowa
 Eric James Williams Urbandale, Iowa
 Kathryn Elizabeth Woltjer
 Marshalltown, Iowa

Ryan Christopher Woody Colfax, Iowa
 ** Robert William Gordon Wright
 Bettendorf, Iowa
 Jean Kevin Sebastien Kwet Vong Yan Fook
 Cheong Curepipe, Mauritius
 Minjian Yang Ningbo, China

Curriculum in Materials Engineering

*** Skylar Rollin Conn Pleasant Hill, Iowa
 *** Brian Matthew Fuchs Dubuque, Iowa
 Logan Cole Johnson Norwalk, Iowa
 Steven Kmiec Maple Grove, Minn.
 Justin Jordan Lox Danville, Iowa
 ** Alexa M. Oser Ankeny, Iowa

* Benjamin D. Trieu Bloomington, Minn.
 Ryan Christopher Walker
 South St. Paul, Minn.
 Olivia Rae Wilson Hampden, Maine
 * Paige Ahna Wilson Maple Grove, Minn.

Curriculum in Mechanical Engineering

Noel Aguirre Perry, Iowa
 Michael W. Albright Janesville, Iowa
 Rasheed Ahmed Alhussami
 Jeddah, Saudi Arabia
 Rashed Almarzooqi
 Abu Dhabi, United Arab Emirates
 Eric R. Anderson Sioux City, Iowa
 Matthew R. Anderson Lamoni, Iowa
 James Jon Andresen Ferguson, Iowa
 Joshua William Andringa Bettendorf, Iowa
 Siavosh Vaezzadeh Asadi Bettendorf, Iowa
 Andrew T. Atwood Woodbury, Minn.
 Michael John Becker Brimfield, Ill.
 Lindsay Jane Beery Savage, Minn.
 Thomas Gordon Bezdichek Pfahning
 Northfield, Minn.
 Kyle Anthony Brewington Bloomfield, Iowa
 Cody Wayne Carlentine Montezuma, Iowa
 ** Erik Michael Carlson Vadnais Heights, Minn.
 Bolin Chen Nanjing, China
 Benjamin Mark Cigan Johnston, Iowa
 Tyler James Clemens
 Inver Grove Heights, Minn.
 Daniel James Clements Peoria, Ill.
 Alex Jeffrey Deakyne Edina, Minn.
 ** Tam M. Deo Des Moines, Iowa
 * Travis John Dierickx Long Grove, Iowa
 Brady Phillip Dingeldein Bettendorf, Iowa
 Nathan Richard Erickson Collins, Iowa
 Brian Robert Fischer Vinton, Iowa
 Layton Tyler Flynn Colorado Springs, Colo.
 * Lauren Angela Foxwell Monona, Iowa
 *** Neal Joseph Fredrick Brooklyn Park, Minn.
 Dong Gao Zhengzhou, China
 Yiwei Gao Shenyang, China
 Carter Allen Gibson Rolling Meadows, Ill.
 *† Payton James Goodrich Minnetonka, Minn.
 Justin Timothy Graeve Manilla, Iowa
 Kyle Micheal Granat Apple Valley, Minn.
 Ella Marie Grarup Waterloo, Iowa

Jeffrey Ryan Grenier Clive, Iowa
 Kevin Jonathan Groth Marshalltown, Iowa
 Charles Anthony Haley La Crosse, Wis.
 Thomas Peter Harmet Bartlett, Ill.
 Daniel Jordan Harter Waterloo, Iowa
 Brett Donald Haugen Lakeville, Minn.
 Brian Alan Haynes Hawthorn Woods, Ill.
 Marcus Andrew Herrera Plano, Tex.
 * Christopher Jay Hildreth Everly, Iowa
 Austin Craig Hillinger Bronson, Iowa
 Austin Wayne Jesz Omaha, Neb.
 * Eric William Johnson Montevideo, Minn.
 Ryan J. Kinsella Tinley Park, Ill.
 ** Timothy L. Kise Fitchburg, Wis.
 Brandon Lee Klosterman
 Marshalltown, Iowa
 ** Ethan Samuel Knight Strawberry Point, Iowa
 Jacob Brian Koenig Hastings, Minn.
 ** Lauren M. Kokos Dunlap, Ill.
 Emmett Lee Konrad Lacona, Iowa
 * Derek Samuel Kreidler Richfield, Minn.
 Jason L. Kreterfield Lombard, Ill.
 Colton Tyler Languell Ft. Madison, Iowa
 Brennan Dale Lauterbach Alden, Iowa
 Horng Yi Lee Selangor, Malaysia
 Chelsea Chandler Lindelof Carol Stream, Ill.
 Shaochen Luan Qingdao, China
 Kenneth James Luse Ft. Madison, Iowa
 * Samuel James Manternach
 Worthington, Iowa
 Zachery Edward Masters Clear Lake, Iowa
 *** Jacob Mazanec Lino Lakes, Minn.
 ***† Gabriel Jacob Lary McCoy Estherville, Iowa
 Mark Richard Mendick II Omaha, Neb.
 Brice Samuel Menke Donnellson, Iowa
 * Anthony Loren Miller Coon Rapids, Minn.
 Matthew Richard Minnick
 Pleasant Hill, Iowa
 Jesse John Moellers Arlington, Iowa
 Elliot Jacob Newton Chanhassen, Minn.
 Thanh Kim Nguyen Davenport, Iowa

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

Janel Elizabeth Niska	Wheaton, Ill.	Nathan Erik Stanerson	Williamsburg, Iowa
Alexander Clay Nowysz	Adel, Iowa	Roger A. Steinforth	Cary, Ill.
***† Theresia Mavis Ohms	Lake Winnebago, Mo.	* Ryan Edwin Stoos	Richmond, Minn.
Ethan Thomas Orth	Council Bluffs, Iowa	*** Carlton James Stripe	Albert Lea, Minn.
Brian Javier Ortiz	Ft. Worth, Tex.	Marta Sucur	Grapevine, Tex.
David Jeffrey Pace	Cedar Rapids, Iowa	* Brett Barrett Sullivan	Edina, Minn.
Kyle Bruce Pals	Titonka, Iowa	Wei Jin Tay	Shah Alam, Malaysia
Mitchell Logan Parr	Pocahontas, Iowa	Kaleb Dean Ten Haken	Boyden, Iowa
Timothy John Pikul	La Grange Highlands, Ill.	* Logan Richard Thomas	Runnells, Iowa
** Erik Lee Quinn	Germantown Hills, Ill.	Kevin Joseph Thompson	Allen, Tex.
* Taylor Carl Ringgenberg	Ames, Iowa	*** Samuel Quy Tran Lam	Vinton, Iowa
Michael O. Romero	Omaha, Neb.	Ryan Edward Vanderhoff-Yarbrough	Inver Grove Heights, Minn.
* Spencer Lee Roorda	Montezuma, Iowa	Brett William Vanderwiel	Rochester, Minn.
Trevor Nicholas Ryba	Council Bluffs, Iowa	Brian Joseph Vanorsdol	Council Bluffs, Iowa
Christopher James Schmidt	Ottosen, Iowa	Jonathan Danilo Vasquez	Sioux City, Iowa
Douglas James Schmidt	Muscatine, Iowa	Calvin Lee Vernon	Clive, Iowa
Patrick W. J. Schommer	Maple Grove, Minn.	Jacob Harris Vos	Newton, Iowa
Jonathan Michael Siefkes	Omaha, Neb.	Andrew Michael Walag	Des Moines, Iowa
Kevin T. Silver	Downers Grove, Ill.	** Yuqing Wang	Zhengzhou, China
* Matthew Scott Sindelar	Shakopee, Minn.	Grant David Warner	Altoona, Iowa
* Alexander Lee Skeen	Logan, Iowa	*** Luke A. Whisler	Deerfield, Ill.
James Edward Slagle	Blue Grass, Iowa	Daniel Michael Wolf	Crystal Lake, Ill.
* Gavin Patrick Smith	Marengo, Ill.	Clayton Douglas Wright	Hudson, Iowa
Maxwell M. Smith	Shoreview, Minn.	Jay T. Young	Lakeville, Minn.
Jake Anthony Stafford	Maplewood, Minn.	Qiuteng Zheng	Shenzhen, China

Curriculum in Software Engineering

Saldin Bajric	West Des Moines, Iowa	Dillon Kayne McDowell	Osceola, Iowa
Jacob Bertram	Normal, Ill.	* Zachary Charles Miller	Indianola, Iowa
Trey S. Erenberger	Mt. Vernon, Iowa	Dalton David Mills	La Crosse, Wis.
Taylor Scott Greiner	Polk City, Iowa	Brian Jacob Moran	New Orleans, La.
Alex Benjamin Jensen	Sioux Falls, S. Dak.	Ian Daniel Pierce	Barrington, Ill.
* Cameron Lee Johnston	State Center, Iowa	Nicholas James Plutt	Bloomington, Minn.
* David William Johnston	Sioux City, Iowa	Brian C. Suther	Waukee, Iowa
Nicole Marie Lockard	Adel, Iowa	** Caleb Theobald Van Dyke	St. Charles, Iowa

Multiple Curricula and Majors

Xiaolin Bi	Nanjing, China	* Joseph Andrew Near	Naperville, Ill.
<i>Materials Engineering and Business: Major in Finance</i>		<i>Electrical Engineering and Liberal Arts and Sciences: Major in Economics</i>	
Joseph Michael Gangestad	Clarion, Iowa	Jennifer Marie Nixon	Buffalo Grove, Ill.
<i>Aerospace Engineering and Liberal Arts and Sciences: Major in Russian Studies</i>		<i>Mechanical Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures(Spanish)</i>	
** Malcolm Andrew Kelly	Davenport, Iowa	Sabdiel Alejandro Reyes	Bayamon, Puerto Rico
<i>Mechanical Engineering and Liberal Arts and Sciences: Major in Music</i>		<i>Chemical Engineering and Liberal Arts and Sciences: Major in World Languages and Cultures(French)</i>	
Mingjia Lu	Shanghai, China	Zachary Christian Stahl	Rosemount, Minn.
<i>Chemical Engineering and Liberal Arts and Sciences: Major in Statistics</i>		<i>Chemical Engineering and Liberal Arts and Sciences: Major in Environmental Studies</i>	
Chenxiao Mao	Zhuji, China		
<i>Chemical Engineering and Liberal Arts and Sciences: Major in Statistics</i>			

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF HUMAN SCIENCES

BACHELOR OF SCIENCE

Curriculum in Apparel Merchandising, Design, and Production

Andrea Kelsie Vance *Urbandale, Iowa*

Curriculum in Apparel, Merchandising, and Design

Madison Lee Baustian	<i>Brooklyn, Iowa</i>	** Meghan Nicole Moratz	<i>West Des Moines, Iowa</i>
Brianna Taylor Buenz	<i>Prior Lake, Minn.</i>	Paige Elizabeth Myers	<i>Van Meter, Iowa</i>
Michaela Jordan Byers	<i>Inver Grove Heights, Minn.</i>	* So Woon Park	<i>Busan, South Korea</i>
Jorden Faye Charron	<i>New Virginia, Iowa</i>	Sarah Elizabeth Ramsey	<i>Des Moines, Iowa</i>
** Eunji Choi	<i>Seoul, South Korea</i>	Jenna M. Rentschler	<i>New Hampton, Iowa</i>
Tonya May Cross	<i>Coggon, Iowa</i>	Hannah Marie Salomon	<i>West Des Moines, Iowa</i>
* Karl Fleener	<i>Iowa City, Iowa</i>	Elizabeth Ann Scarpino	<i>Liberty, Mo.</i>
Kirstyn Victoria Kemna	<i>Mason City, Iowa</i>	* Nicole Lynn Sorensen	<i>Urbandale, Iowa</i>
Mary K. Knabel	<i>Dubuque, Iowa</i>	*** Ashley Rae Van Dyke	<i>Madrid, Iowa</i>
* Tayla Danielle Krepps	<i>Syracuse, Utah</i>	Peggy Wang	<i>Cedar Rapids, Iowa</i>
* Emma Ann Kuntz	<i>Clive, Iowa</i>	Alexandra Rose Weimar	<i>Lino Lakes, Minn.</i>
Kerry Anne Maas	<i>Kansas City, Mo.</i>	Emma S. Wilhelm	<i>Stillwater, Minn.</i>
Sarah Ashley Martin	<i>Bellevue, Neb.</i>	Elena Kathryn Wolk	<i>Woodbury, Minn.</i>
Madison S. Mishak	<i>Ft. Collins, Colo.</i>		

Curriculum in Child, Adult, and Family Services

Kasey Jo Adams	<i>Clarion, Iowa</i>	Stephanie Nicole McKean	<i>Adel, Iowa</i>
Jennie Elizabeth Albright	<i>Fargo, N. Dak.</i>	Lauren Alexis Meis	<i>Sioux City, Iowa</i>
Taylor Roselyn Allgeier	<i>Pleasant Hill, Iowa</i>	* Tiffany Lynn Noble	<i>Des Moines, Iowa</i>
Miranda Elizabeth Aug	<i>Lakeville, Minn.</i>	* Jacob Thomas Peno	<i>Carlisle, Iowa</i>
Owen James Ballard	<i>Urbandale, Iowa</i>	Karrie Lynn Peterson	<i>Boxholm, Iowa</i>
Brooke Ellen Berg	<i>Cedar Falls, Iowa</i>	Schuyler Wright Pfaffe	<i>Keokuk, Iowa</i>
* Amanda Sue Brincks	<i>Carroll, Iowa</i>	** Kelsy Reynaga	<i>Wichita, Kans.</i>
Shena Ann Bryan	<i>Montezuma, Iowa</i>	Lamarico E. Saunders	<i>Des Moines, Iowa</i>
Colin James Buchman	<i>Adel, Iowa</i>	*** Kira Joy Savage	<i>Williamsburg, Iowa</i>
Angel C. M. Corbin	<i>Ames, Iowa</i>	Peri Jo Sievers	<i>Jefferson, Iowa</i>
Emily Ann Crabtree	<i>Waukee, Iowa</i>	Amanda Nichole Soda	<i>Clive, Iowa</i>
Cassidie Caye Cramer	<i>Clarion, Iowa</i>	*** Courtney Ann Stakey	<i>Kamrar, Iowa</i>
Katie Lynn Davis	<i>Wheatland, Iowa</i>	** Codi L. Stick	<i>Alburnett, Iowa</i>
* Anna Michelle Enabnit	<i>Radcliffe, Iowa</i>	Destiny Jo Taylor	<i>Lake City, Iowa</i>
Sawyer Anne Gourley	<i>Stanhope, Iowa</i>	Mattison Kay Walker	<i>Vinton, Iowa</i>
Kaitlin Rebecca Hartman	<i>Slater, Iowa</i>	Molly N. Westrum	<i>Stratford, Iowa</i>
Kassandra Mae Kennedy	<i>Britt, Iowa</i>	** Hannah Jo Wiedemeier	<i>Clive, Iowa</i>
Emily Ann Koch	<i>Marion, Iowa</i>	Jennifer Lynn Yates	<i>Ames, Iowa</i>
** Morgan Carol Leach	<i>Indianola, Iowa</i>		

Curriculum in Culinary Science

Haley Abigail Brown	<i>West Des Moines, Iowa</i>	Danielle Marie Harding	<i>Des Moines, Iowa</i>
Shannon Elizabeth Cihak	<i>Frankfort, Ill.</i>	** Anne Kalyn Seely	<i>St. Charles, Iowa</i>
Genevieve L. Halvorsen	<i>Forest City, Iowa</i>		

Curriculum in Dietetics

Brandon Walter Akamine	<i>Kahului, Hawaii</i>	Hailey M. Holland	<i>Owatonna, Minn.</i>
Paige Alexis Doherty	<i>Grimes, Iowa</i>	Nathaniel A. Schwartz	<i>Ames, Iowa</i>

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

Curriculum in Early Childhood Education

*** Kaitlyn Rhose Baker	Bondurant, Iowa	** Diane L. Riedemann	Story City, Iowa
* Kelsey Nicole Callihan	Carpentersville, Ill.	* Emily Fay Schoenrock	Ankeny, Iowa
Ivy Kristine Grunhovd	Forest City, Iowa	* Natalie Nicole Smith	Eden Prairie, Minn.
Jessica Ann Hanson	Gilbert, Iowa	*** Courtney Ann Stakey	Kamrar, Iowa
Sarah A. Linahon	Ames, Iowa	Whitley Jo Tomas	Oxford, Iowa
Molly May Neese	Grand Junction, Iowa	Kaitlyn Marie Whitmore	Story City, Iowa
Claudia Nicole Nuci	Davenport, Iowa		

Curriculum in Elementary Education

*** Megan Algreen	Earlham, Iowa	Taryn Kristal Kromminga	Monticello, Iowa
Nicole C. Ausdemore	Glenwood, Iowa	Kelley R. Lattimer	Cedar Falls, Iowa
** Abby Anne Biller	Leawood, Kans.	** Stacie Nicole Leeds	Boone, Iowa
Sydney K. Boyer	Ankeny, Iowa	Kelsey Jo Leinen	Harlan, Iowa
Sarah Kathleen Brant	West Des Moines, Iowa	** Cali Sue Lines	West Des Moines, Iowa
Rachel Lynn Brown	Centerville, Iowa	* Haley Cheyan Liston	Nevada, Iowa
Hannah Marie Carlson	Gowrie, Iowa	Karli Lynn Long	Maple Grove, Minn.
* Dana Nicole Chicoine	Ankeny, Iowa	* Kathryn Sue Moen	Fairbank, Iowa
Noelle Elise Clark	Cedar Rapids, Iowa	Taylor Anne Munson	Sioux City, Iowa
** Camry Jane Crosswait	Ames, Iowa	Valarie Ida Paca	Muscatine, Iowa
Kendra Ann Decker	Urbandale, Iowa	Anjeline Mae Soncuya Ramirez	Harbor City, Calif.
Emily Lauren Edsall	Ames, Iowa	** Kelley Elizabeth Riordan	Des Moines, Iowa
*** Ryan Kenneth Fedders	Britt, Iowa	Jessica Luann Salzwedel	Cedar Rapids, Iowa
* Morgan Elizabeth Fehrmann	Marshalltown, Iowa	Milena Maria Serena	West Des Moines, Iowa
Brittani Marie Fisher	Ellsworth, Iowa	Kelsey Paige Speer	Winterset, Iowa
** Emily Marie Foster	Altoona, Iowa	** Devon Marie-Lynnann Steinkamp	Fort Dodge, Iowa
Kate E. Fowler	Ames, Iowa	* Jessica Kathleen Stumpf	Otho, Iowa
Elizabeth Ruth Gazda	Lake in the Hills, Ill.	Kaitlin Marie Wagner	Cedar Rapids, Iowa
Alexandra Leigh Heinzen	West Des Moines, Iowa	** Jenna Diane Yates	Ankeny, Iowa
Trevor John Irwin	Early, Iowa	** Shuhan Zhang	Xi'an, China
Chloe Kathleen Kline	Mason City, Iowa		

Curriculum in Event Management

Julia Elisabeth Albaugh	Van Meter, Iowa	Taryn Ashley Kafer	Normal, Ill.
Laura Michele Bittner	Carlisle, Iowa	Myranda Paige Karnowski	Altoona, Iowa
Amanda Bolyard	Marion, Iowa	Forest Brody Kelly	Cedar Rapids, Iowa
** Cassidy Michaela Brinkman	Gowrie, Iowa	Amanda Angelica Little	Bartlett, Ill.
Mykenzie Samantha Buzard	Glenview, Ill.	* Destiny Krystine Luchtel	Carroll, Iowa
* Jessica Sarah Florac	Verona, Wis.	Shaye Marie Lynch	Ames, Iowa
Kallie M. Freudenberg	Des Moines, Iowa	Nicole M Mavraganis	Des Plaines, Ill.
Megan Mae Gaul	Ames, Iowa	Breanne Needs	Le Mars, Iowa
Samantha Marie Good	Fort Dodge, Iowa	Samuel Reed Nichols	Des Moines, Iowa
Chantell Michele Hanke	Altoona, Iowa	* Emma Marie Seaman	Iowa City, Iowa
** Mackenzie Ann Heisdorffer	Norwalk, Iowa	Allyson Grace Sedore	Ottumwa, Iowa
Samantha Marie Hocker	Urbandale, Iowa	Valerielizabeth Villa	Sioux City, Iowa
Kelsy Jade Horner	Ankeny, Iowa	* Deanna Cao Wheeler	Le Mars, Iowa
Shanna Pin Ingersoll	Waverly, Iowa	Chelsea Lynne Wiederin	Carroll, Iowa
Jennifer Michelle Johnson	Urbandale, Iowa		

Curriculum in Family and Consumer Sciences Education and Studies

Yesenia Natalie Alvarez	Des Moines, Iowa	Sarah Elizabeth McMullen	Buffalo Grove, Ill.
** Claire Marie Anderson	Conrad, Iowa	Elizabeth Ann Miller	Dubuque, Iowa
* Mackenzie L. DeJong	Le Mars, Iowa	Lisa Anne Mushrush	Cascade, Iowa
* Rachel Christine Ferry	Kirkman, Iowa	Siera Nicole Richter	Marshalltown, Iowa
Kelsey M. Harder	Hancock, Iowa	Angela B. Williams	Elgin, Iowa
** Katie Elizabeth Jaeschke	Gowrie, Iowa	Kelsey Elizabeth Wirth	Geneseo, Ill.

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Curriculum in Financial Counseling and Planning

Vivian Marie de la Cruz	Des Moines, Iowa	** Rachael Augusta Jones	Audubon, Iowa
Alli Elizabeth Azbill	Adel, Iowa	* Tiffany Sara Miller	Fairbank, Iowa

Curriculum in Food Science

Cheng Yieng Chan	Ipoh, Malaysia	Kathryn Ann Moorhead	Coralville, Iowa
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Curriculum in Hospitality Management

* Allison Lynn Dittmer	Columbia, Iowa	Veronica Danielle Ramos	Marion, Iowa
Krista Noel Kolegraff	Milford, Iowa	Shelby Crystal Wirth	Gilbert, Iowa
Sophia Maria Medina	Wheaton, Ill.		

Curriculum in Kinesiology and Health

Ashley A. Ayala	Des Moines, Iowa	Gency Sonora Lewis	Chicago, Ill.
Amanda Brooke Barnes	West Des Moines, Iowa	Cameron Ryan Lynch	Des Moines, Iowa
Peyton Marie Bazzocco	Johnston, Iowa	Kyle James Martin	Granger, Iowa
Molly Berg	Hastings, Minn.	Matthew David Mason	Osceola, Iowa
Tyler Archie Booms	Ames, Iowa	Kathleen E. Mathison	Woodstock, Ill.
Tara Jean Carlson	Loomis, Neb.	** Ciara Lynn McCarty	Prescott, Iowa
Beth Ann Chicoine	Ankeny, Iowa	Jordan Heys Mugarura	Eden Prairie, Minn.
Katherine Karine Clark	Ames, Iowa	Paige Ann Osterberg	Fort Dodge, Iowa
Brock Walter Dagle	Cherokee, Iowa	Mikaela A. Pedersen	Fairmont, Minn.
Lindsay Renee Frank	Carrollton, Tex.	Sam Paul Pocker	Lakeville, Minn.
Maxwell Charles Gaetz	Lakeville, Minn.	Hollie Lynn Radig	Des Moines, Iowa
Staci Kay Goodale	Adel, Iowa	*** Rachel Marie Sage	Ames, Iowa
Cynthia Ann Grimm	Marshalltown, Iowa	Melinda Jan Schultze	Algona, Iowa
Joshua Thomas Heitkamp	Sioux Falls, S. Dak.	* Katrina L. Shindelar	Decorah, Iowa
Rebecca Ann Helmer	Marshalltown, Iowa	* Cliff Song	Ames, Iowa
Lianna Patricia Hunt	Dubuque, Iowa	Scott Alan Summer	Owatonna, Minn.
Jamie Lou Keil	Manson, Iowa	Jacob Kenneth Swan	Ames, Iowa
Meighan Marijean Kelly	Marion, Iowa	Jacob Thomas Tonkin	Crystal Lake, Ill.
		Joseph S. Trent	Van Meter, Iowa
		Daniel Patrick Vincent	Perry, Iowa

Curriculum in Nutritional Science

Mykel Rose Carlson	Story City, Iowa	Lydia Marie Simon	Lamoni, Iowa
Cassidie Caye Cramer	Clarion, Iowa	*** Julia Kathryn Wiemer	Minnetonka, Minn.
Erin Rae Kliefoth	Brayton, Iowa		

Multiple Curricula and Majors

Alyssa Mary Domagalski	Woodbury, Minn.	** Taylor Anne Richardson	Batavia, Ill.
Event Management and Business: Major in Marketing		Apparel, Merchandising, and Design and Business: Major in Marketing	
Jenna J. Duffy	De Witt, Iowa	** Jessica Sue Wilson	Runnells, Iowa
Apparel, Merchandising, and Design and Business: Major in Marketing		Apparel, Merchandising, and Design and Liberal Arts and Sciences: Major in Journalism and Mass Communication	
* Kellie Marie Richardson	San Marcos, Calif.		
Event Management and Hospitality Management			

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CANDIDATES FOR DEGREES FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

BACHELOR OF ARTS

Major in Advertising

Nur Surya Binti Abu		** Kayla Mae Klahsen	Hudson, Iowa
	<i>Kota Kinabalu, Malaysia</i>	Amanda Margaret Menhusen	Otho, Iowa
Mikayla L. Ahrens	Mason City, Iowa	* Alexis Nicole Nicholson	Indianola, Iowa
Lauren Elizabeth Barker	Monticello, Iowa	Elizabeth M. Petersen	Parkersburg, Iowa
* Austin Jeffrey Coss	Tipton, Iowa	* Menghui Qian	Ningbo, China
Matthew William Dohse	Libertyville, Ill.	Jeffrey Michael Schmidt	Woodridge, Ill.
Tanner P. M. Earp	New London, Iowa	** Megan Lee Sill	Ames, Iowa
Patrick Ryan Farrell	Mequon, Wis.	*** Nicole M. Vance	Clinton, Wis.
Matthew Jerome Fischels	Clear Lake, Iowa	Tyler Dennis Walters	Osceola, Iowa
Chloe Kathleen Judas	Johnston, Iowa	Brittany N. Wells	Des Moines, Iowa

Major in Biological/Pre-Medical Illustration

Assata Caldwell	Coralville, Iowa	* Marci Anne Lessman	Faribault, Minn.
* Laura Marie Ekl	Lake Zurich, Ill.	* Shawna Rose Snyder	Cambridge, Iowa
Jennifer Rose Hunt	Chino Hills, Calif.	Hailey Marie Stepanek	Marion, Iowa
James Riley Jones	Windsor, Colo.	Kayla C. Trusk	Plainfield, Ill.

Major in Chemistry

Brittney Lynn Thom	Tenino, Wash.
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Major in Communication Studies

Jacob Jeffrey Banks	Greenfield, Iowa	Paulo Barbosa Melo Jr.	Belo Horizonte, Brazil
Debbie Ellen Burk	Des Moines, Iowa	Kate Michelle Mohr	Sanborn, Iowa
Jacob Francis Cool	Council Bluffs, Iowa	George Vincent Potter	Bloomington, Minn.
Megan Mae Gaul	Ames, Iowa	Courtlyn Rose Rentschler	Volga, Iowa
* Maria Ann Hennes	Oxford, Iowa	Samuelellis Brightmon Richardson	Hitchcock, Tex.
Kendall Gregory Hernandez	Buffalo Center, Iowa	Kane Rausch Seeley	Perry, Iowa
Madison Victoria Hiskey	Clive, Iowa	Samantha Jo Sullivan	Spencer, Iowa
Meghan Marie Huisenga	Marion, Iowa	William Patrick Sullivan	Des Moines, Iowa
Tory Nicole Knuth	Johnston, Iowa	Max Sutton-Vermeulen	Ankeny, Iowa

Major in English

***† Kristen Marie Ahlers	Le Mars, Iowa	** Jenna Lyn Elizabeth Hoch	Harlan, Iowa
Marie Anderson	Detroit, Mich.	* Dexter Rose Hopp	Brainerd, Minn.
* Kaitlyn Marie Christensen	Irwin, Iowa	* Samantha Victoria Lang	Springville, Iowa
** Delanie Marie Downey	Creston, Iowa	Abby Nelson	Waukee, Iowa
Emily Annette Durlin	State Center, Iowa	* Natalie Rachelle Pratt	Altoona, Iowa
Blake Michael Engelby	Center Point, Iowa	Phillip Thomas Sears	Geneseo, Ill.
*** Kayla Anne Gallik	Brookfield, Ill.	Alexandra Nicole Sime	Ames, Iowa
Olivia A. Gard	Norwalk, Iowa	Kyle Richard Strom	Ames, Iowa
** Andrew Aaron Gustafson	Minneapolis, Minn.	Ashley E. Ulrich	Ankeny, Iowa
		Nicole Elizabeth Vogt	Winterset, Iowa

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Major in Interdisciplinary Studies (Criminology and Criminal Justice)

Taylor Alexandra Carter	<i>Des Moines, Iowa</i>	Jake Brian Sargent	<i>Altoona, Iowa</i>
Reece Jacob Hansen	<i>Council Bluffs, Iowa</i>	Jacob David Schmitt	<i>Marshalltown, Iowa</i>
Byron Jean Klauenberg II	<i>Ogden, Iowa</i>	Alex Matthew Sowle	<i>Waverly, Iowa</i>
Bruce Alan Lund III	<i>Ankeny, Iowa</i>	Garron Michael Stratton	<i>Williamsburg, Iowa</i>
Jesse Dean McAtee	<i>Runnells, Iowa</i>	Wyatt Wallace Towne	<i>Hartley, Iowa</i>
Abigail Kristin McNamee	<i>Waterloo, Iowa</i>	Andrew Victor Vance	<i>Altoona, Iowa</i>
Brett Davis Medders	<i>Westlake Village, Calif.</i>	** Danielle Elizabeth Winter	<i>Marion, Iowa</i>
Anthony Glen Mosher	<i>Colfax, Iowa</i>		

Major in Linguistics

Christina Carter	<i>Ames, Iowa</i>	** Haley Marie Nixt	<i>Ankeny, Iowa</i>
Miles John Conlan	<i>Pleasant Hill, Iowa</i>	Alexandra N. Schloesser	<i>Germantown, Wis.</i>
Cassandra Leora Moore	<i>Ames, Iowa</i>	Mario Daniel Williams	<i>Long Lake, Minn.</i>

Major in Music

Damién Rene Emilien	<i>New Orleans, La.</i>	Phillip Thomas Sears	<i>Geneseo, Ill.</i>
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Major in Performing Arts

* Christopher Priebe Kent	<i>Amana, Iowa</i>	Ethan Augustus Peterson	<i>Ankeny, Iowa</i>
Wes Thomas Ketcham	<i>Des Moines, Iowa</i>	Ariel M. Prosser	<i>West Des Moines, Iowa</i>
Samantha J. Koontz	<i>Lewis, Iowa</i>		

Major in Philosophy

Abigail Claire Shey	<i>Cedar Rapids, Iowa</i>
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Major in Political Science

Zaakary Thomas Barnes	<i>Des Moines, Iowa</i>	Douglas Robert Hodge	<i>Batavia, Ill.</i>
Matthew Stewart Bear	<i>Tama, Iowa</i>	Cody Mathew Lindeman	<i>Inver Grove Heights, Minn.</i>
Franck Bushbaum	<i>La Rochelle, France</i>	Ian William Marlenee	<i>West Des Moines, Iowa</i>
Jayne Durnin	<i>Cedar Falls, Iowa</i>		

Major in Psychology

* Kara Renee Anderson	<i>Waukee, Iowa</i>	Katherine Elizabeth Kullmer	<i>Blairstown, Iowa</i>
Thomas Paul Cahill	<i>Eagan, Minn.</i>	Dwight Cleveland Taylor II	<i>Detroit, Mich.</i>
Kevin David Doerzman	<i>Burlington, Iowa</i>		
** Daniel Colson Hurst	<i>Newport Beach, Calif.</i>		

Major in Religious Studies

Andrew J. Owen	<i>Ankeny, Iowa</i>
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Major in Speech Communication

Airielle R Gilbert	<i>Lansing, Ill.</i>
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Major in World Languages and Cultures (Spanish)

Margaret Marie Kovarik *Libertyville, Ill.*

Major in World Languages and Cultures (French)

** Haley Marie Nixt *Ankeny, Iowa*

Multiple Curricula and Majors

Wesley Robert Aquice *Cedar Rapids, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Psychology

Shane Alan Cooney *Des Moines, Iowa*
Communication Studies and International Studies

Marcella Downing *Fairfield, Iowa*
English and Speech Communication

Courtney Ertl *Fort Dodge, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Psychology

Franklin Joseph Frein *Des Moines, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Sociology

Nicole Alexandria Gray *Roscoe, Ill.*
Interdisciplinary Studies(Criminology and Criminal Justice) and Sociology

** Nigel Christian Habben *Urbandale, Iowa*
Political Science and History

Kayla Tetmeyer Heille *Des Moines, Iowa*
Political Science and History

* Lindsey Lee Hook *Newton, Iowa*
World Languages and Cultures(Spanish) and International Studies

Mayra Ibarra-Trejo *Des Moines, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Sociology

Brooksany Marie Jobses *Des Moines, Iowa*
Linguistics and World Languages and Cultures(Spanish)

Alyssa Lynn Maldonado *Elgin, Ill.*
Performing Arts and Psychology

Jillian Lynn Manzo *Mchenry, Ill.*
Political Science and International Studies

Patrick Edward Mesick *Bettendorf, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Sociology

* Coby Alan Mooers *Carlisle, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Psychology

* Breeanna E. Planica *Palatine, Ill.*
Linguistics and International Studies

Patricia Christine Renken *Spirit Lake, Iowa*
Communication Studies and International Studies

Samantha Morgan Ridlen *Ankeny, Iowa*
Interdisciplinary Studies(Criminology and Criminal Justice) and Sociology

Kameron A. Scovel *Manchester, Iowa*
Sociology and Interdisciplinary Studies(Criminology and Criminal Justice)

* Maddison M. J. Shrader *Tiffin, Iowa*
Political Science and Environmental Studies

Dwight Cleveland Taylor II *Detroit, Mich.*
Interdisciplinary Studies(Criminology and Criminal Justice) and Sociology

* Brady James Thein *Okoboji, Iowa*
Philosophy and Psychology

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BACHELOR OF LIBERAL STUDIES

Major in Liberal Studies

Shelby Jo Aberson	Indianola, Iowa	Kassandra Elaine Kearbey	
Krystal Breann Adams	Ames, Iowa		Pleasant Hill, Iowa
Jonas Bergen	Rochester, Minn.	Abigail V. Larson	Webster City, Iowa
Dalton Jeffrey Boerner	Gowrie, Iowa	Michelle Danine Macias	
Makaela Niechelle Bryant			West Des Moines, Iowa
	Indianapolis, Ind.	Abdel Nader	Niles, Ill.
Lauren Michelle Budweg	Eldora, Iowa	Lauri Ann Rose	Creston, Iowa
Quenton Bundrage	Palmetto, Fla.	Pamela Lynn Satern	Cedar Rapids, Iowa
Damien Lamont Groce	San Bernardino, Calif.	Karen Kilberg Seabrooke	
Arielle Reneé Harness	Vernon Hills, Ill.		Jacksonville Beach, Fla.
Jennifer Wang Heke	Winterset, Iowa	Nathan John Shultz	Mason City, Iowa
Gustavo Hernandez	Victoria, Tex.	Jason Douglas Smith	Sioux City, Iowa
Kaleb Z. Johnson	Des Moines, Iowa	** Julie Kathryn Wiseman	Jackson, Tenn.

BACHELOR OF MUSIC

Major in Music

Drew Brannon Barker	Lenox, Iowa	Felicia Marie Kraus	Marion, Iowa
** Samuel Francis Johnson	Atlantic, Iowa	*** Holly Michelle Prier	Ryan, Iowa
* Jennifer Adele Keys	Davenport, Iowa	** Kelsie Anne Schmidt	Griswold, Iowa

BACHELOR OF SCIENCE

Major in Anthropology

Natalie Anne Hassebrock	Roland, Iowa	Allison Marie Randall	Dallas Center, Iowa
* Breeanna E. Planica	Palatine, Ill.		

Major in Biochemistry

Aurora N. Davis	Runnells, Iowa	Alexandra Carmen Tegg	Caledonia, Mich.
Sean Michael Siberski	Ames, Iowa		

Major in Biology

Owen James Ballard	Urbandale, Iowa	Anna Elise Krug	Newhall, Iowa
* Jill Nicole Broghammer	Marion, Iowa	Awein Anei Majak	Ames, Iowa
Lee D. Bryant	Marshalltown, Iowa	** Daniel Sean Malloy	Boone, Iowa
Brooke Helen Cochran	Camanche, Iowa	Ashley Rose Manzella	Warren, Mich.
Aeriel Marie Davis	Runnells, Iowa	Wilder E. Melendrez	Perry, Iowa
* Emma Ruth Dostal	Fort Collins, Colo.	Niibari Salome Menegbo	
Kelsey Alexandra Fleming			Des Moines, Iowa
	Cedar Falls, Iowa	Megan Alice Mullan	Cedar Rapids, Iowa
* Lyra Abbas Foss	Orangevale, Calif.	* Chelsea C. Nicoletto	Des Moines, Iowa
Ronald Dean Frantz Jr.	Davenport, Iowa	* Michael David Ongie	Robins, Iowa
** Haley Lynne Galligan	New Hampton, Iowa	Mikkinzie Ann Peschong	Milford, Iowa
Timothy A. Hackett	Polk City, Iowa	Chase Connor Prouty	Cedar Rapids, Iowa
Christopher A. Handel	Sycamore, Ill.	*** James Wynne Shi	Mason, Ohio
Kevin T Holford		Sean Michael Siberski	Ames, Iowa
	Arlington Heights, Ill.	Benjamin Merle Walstrom	
Cortney Lynn Homan	Sioux City, Iowa		Fort Dodge, Iowa
Joseph Foster Jahner	Knoxville, Iowa	Michelle C. Williams	Villisca, Iowa

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Major in Chemistry

** Cory James Barnish	Mason City, Iowa	Emily S. Stender	Asbury, Iowa
Nathan J. Friedhoff	Urbandale, Iowa	Rachael Ann Van Roekel	Ankeny, Iowa
Hyunsong Jung	Hanam-si, South Korea		
Nur Husna Izzati Shafeai	Selangor, Malaysia		

Major in Computer Science

Joseph Ray Baker	Ames, Iowa	** Zachary Plata	Darien, Ill.
* Gregory Joseph Breuss	Urbandale, Iowa	Stephen Robert Prell	Concord, Calif.
Kun Chen	Nanchang, China	*** Nyle Alexander Sutton	Topeka, Kans.
Patrick Donald Erickson	Eagan, Minn.	Xuanli Wang	Wuhan, China
Oleksiy Yurievich Gubin	West Des Moines, Iowa	Camryn Alina Williams	South Barrington, Ill.
Kelvien Hidayat	Suroboyo, Indonesia	Peng Yu	Beijing, China
Andrew James Matasek	Mequon, Wis.		

Major in Economics

Jesse Conrad Gross	Fontanelle, Iowa	Khalid Ahmed Taha	Iowa City, Iowa
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Major in Environmental Science

Janessa S. Thomas	Cedar Rapids, Iowa
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Major in Genetics

Alexander Reed Beckwith	Ankeny, Iowa	Ashley May Johnson	Sioux City, Iowa
Winter R. BooHer	Plainview, Minn.	Robyn Delaine Kokemuller	Des Moines, Iowa
Matthew Thomas Eaton	Urbandale, Iowa		

Major in Geology

Samuel Tyler Avila	Newton, Iowa	Bryan Nicholas Lucke	Harlan, Iowa
Isaac Ronald Crenshaw	Des Moines, Iowa	Eric William Lupia	Anamosa, Iowa

Major in History

Joseph Anthony Amodeo	Des Moines, Iowa	Brandon Joseph Kelty	Walker, Iowa
** Nicole Nadine Baker	Stanhope, Iowa	** Stephanie S. McGrew	Emerson, Iowa
Emily Kathryn Devine	Iowa City, Iowa	Ethan H. Olson	Des Moines, Iowa
Ontorio Drayton	Ottumwa, Iowa	Nicolle Victoria Rodriguez	Weston, Fla.
Charity Hope Faber	Ames, Iowa	** Grant Elliott Rohach	Moorpark, Calif.
Sean Ernest Flanery	Guthrie Center, Iowa	Kyle Dean Simpson	Norwalk, Iowa
Anthony Farao Frein	Ankeny, Iowa	*** James Edward Spittler III	Polk City, Iowa
Donald S. Hendrian	Story City, Iowa		

Major in Journalism and Mass Communication

* Runying Chen	Changzhou, China	Onyeka John-Malcom Omoile	Coppell, Tex.
Shawn Ennis	Ames, Iowa	Stephen Patrick Ortiz	St. Paul, Minn.
Lauren C. Grant	Ames, Iowa	Brandon Jeffrey Payne	Brooklyn, N.Y.
Lindsay Marie Hostert	Dubuque, Iowa	Matthew Michael Rezab	Mason City, Iowa
Michaela Lynn Kendall	Eldora, Iowa	* Kelsey Ann Rindfleisch	Cedar Rapids, Iowa
Karlie Nicole Kinneer	Ames, Iowa	* Mariah Lynn Wellman	Johnston, Iowa
* John Patrick Kruse	Dubuque, Iowa	*** Kelley Elisabeth Werner	North Branch, Minn.
Hanan Syahmi As'ad Mas'od	Kuala Lumpur, Malaysia	Megan Michelle Wolff	Neola, Iowa

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Major in Mathematics

* Hanbo Chen	Changzhou, China	Joseph R. Mangano	Marengo, Ill.
Zhang Cheng	Taiyuan Shanxi, China	Matthew Austin Mulloy	Bettendorf, Iowa
Andrew Jacob Connelly	Des Moines, Iowa	Nicole Hope Weiser Penn	Mount Vernon, Iowa
Mallory Cox	Newton, Iowa	Hanna Grace Rogers	Altoona, Iowa
Jacob Aloysius DeWitt	Bellevue, Neb.	Austin Lucas Smith	Farmersburg, Iowa
Liyang Gan	Nanjing, China	*** Nyle Alexander Sutton	Topeka, Kans.
Stephen Scott Jensen	West Des Moines, Iowa	Thomas Jon Vigdal	Ogden, Iowa
* Andrew Edward M. Lockhart	Eagan, Minn.		
** Christian Thomas Lopez	North Liberty, Iowa		

Major in Meteorology

** Elizabeth Marie Lennartson	Woodbury, Minn.	Samuel Peter Wanzenried	Minnetonka, Minn.
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Major in Psychology

Carlie Renee Aswegan	Ankeny, Iowa	Alexis A. Jackson-Buffington	Mason City, Iowa
Emily Elizabeth Baccam	Mount Pleasant, Iowa	Konor Martin Kutz	Fort Dodge, Iowa
Michael Joseph Bell	Des Moines, Iowa	Mitchell D. Kwon	Iowa City, Iowa
Brittany Rose Berrier	Marengo, Ill.	**† Jia Yin Lee	Ipoh, Malaysia
Jordan Marie Bouzek	Cedar Rapids, Iowa	Kimberly Markert	Battle Creek, Iowa
*** Carly A. Crist	Johnston, Iowa	Mary Schoen Merchant	Ames, Iowa
* Jaycie Elizabeth David	Glidden, Iowa	** Jennifer Elaine Metzger	Nevada, Iowa
* Joshua Terrance Davis	Waukon, Iowa	Chelsea Lynn Milan	Ames, Iowa
Regan Michelle Davis	Ames, Iowa	Madelyn Jo Neerhof	Germantown, Wis.
Cassandra J. Louise Detrick	Ankeny, Iowa	Syerra Dawn Niday	Corydon, Iowa
Theodore C. Dieckmann Jr.	Pine Bush, N.Y.	Zachary Scott Pachol	New Lenox, Ill.
**† Olivia Nicole Diggs	Ogden, Iowa	* Charles Josef Peasley	Burlington, Iowa
Eric James Dorr	Boone, Iowa	Courtlyn Rose Rentschler	Volga, Iowa
** Moses Powell Eckstein	Nevada, Iowa	Sarah Jane Schleisman	Urbandale, Iowa
Kaitlyn Rose French	Freeman, Mo.	Ian Lamar Sheets	Omaha, Neb.
Kelsey Ranae Gibbs	Ottumwa, Iowa	Cameo L. Solberg	Ames, Iowa
Shelby Anna-Marie Gibson	Maxwell, Iowa	Zhihan Su	Lanzhou, China
Meghan Elizabeth Gloede	Eagan, Minn.	Zhehui Sun	Taiyuan Shanxi, China
Wendy Marie Golden	Corning, Iowa	Joey Ka Po Tan	Seri Kembangan, Malaysia
Kaitlyn Gabrella Gull	Nevada, Iowa	Samantha N. Thurn	North Liberty, Iowa
Mitchell Lawrence Hoger	Clive, Iowa	*** Haley Nicole Wickenkamp	Mingo, Iowa
Ethan Michael Holmes	Plainfield, Ill.	Allison Wiewel	Otho, Iowa

Major in Public Relations

William James Byal	Baxter, Iowa	Jessica Renee Portel	Johnston, Iowa
Brian Robert Day	Lancaster, Wis.	Sierra K. Roberts	Muscatine, Iowa
Calyssa Marie Dolce	Ames, Iowa	Desirae Lexus Trammell	Diagonal, Iowa
Kennedy Nicole Graham	Urbandale, Iowa	Kaylee Kristine Weber	Jesup, Iowa
** Dana Annette Melcher	Fairfield, Iowa	** Natalie Marie Williams	Dayton, Iowa
Logan Daniel Olson	Altoona, Iowa		

Major in Sociology

** Danielle Elizabeth Winter	Marion, Iowa
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* Cum Laude
** Magna Cum Laude
*** Summa Cum Laude
† Honors Program

Major in Statistics

Alexander J. Klintworth Chatham, Ill.

Major in Women's Studies

Jacob Daniel Linduski Ogden, Iowa

Multiple Curricula and Majors

Stephen Ray Bergeson Ames, Iowa
Physics and Mathematics

Sydney Helene Boudreau Oxford, Iowa
*Sociology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

Emily Elizabeth Brush Clive, Iowa
History and Anthropology

Franklin Joseph Frein Des Moines, Iowa
*Sociology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

** Logan Michael Godar Marion, Iowa
*Sociology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

*** Katherine R. Hanson Ames, Iowa
Psychology and International Studies

** Siyi Liu Changzhou, China
Mathematics and Statistics

Bradley Allen Miller Des Moines, Iowa
*Sociology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

Wylam Fredric Morin Chanhassen, Minn.
*Sociology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

Derek T. Puffett Mitchellville, Iowa
Psychology and Sociology

*** Michelle Ann Schoening Glenwood, Iowa
*Journalism and Mass Communication and
International Studies*

Jordan Richard Smith Deer Park, Ill.
*Psychology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

** Yiyi Sun Wuhan Hubei, China
Statistics and Mathematics

James M. Tappe Ankeny, Iowa
Computer Science and Mathematics

Tze Yi Teh Johor Bahru, Malaysia
Environmental Science and Geology

Kasey Rhea Troxel Crawford, Tex.
Sociology and Environmental Studies

Essence Chinaza Ubochi Des Moines, Iowa
*Sociology and Interdisciplinary
Studies(Criminology and Criminal Justice)*

Bijia Wang Wuhan, China
Statistics and Mathematics

Ross William Werner Mount Pleasant, Iowa
Computer Science and Speech Communication

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

IOWA STATE UNIVERSITY 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 2015-2016 Senior Class Council is comprised of 12 students who are dedicated to recognizing seniors for their many achievements.

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

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

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

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

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

2015-2016 Senior Class Council Leadership

President:
Michael Knight

Vice-President:
Anna Doud

Council Members:

Alyssa Kreye
Marshall Dolch
Austin Javellana

Jackson Mores
Matthew Harm
Amanda Loomis
Megan McDonald

George Melookaran
Alex Tangen
Jake DeHaai

CANDIDATES FOR COMMISSIONS

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

United States Army

Bo M. Johnson
Bruce A. Lund
Chelsea C. Nicoletto
Kyle D. Simpson

United States Navy

Genevieve L. Halvorsen
Levi C. Jorgensen
William A. Mann
Theresia M. Ohms
Matthew S. Sindelar
Julie K. Wiseman

United States Air Force

Peighton E. MacLeod



Summer Commencement

Official List of Degrees
Conferred August 8, 2015

CANDIDATES FOR DEGREES FROM THE GRADUATE COLLEGE

DOCTOR OF PHILOSOPHY

Saul Julian Abarca Orozco
Xalapa Veracruz, Mexico
Licen. Universidad Veracruzana
M.S. University of Georgia
Department: Sociology
Major: Sustainable Agriculture
Dissertation: Production and marketing innovations in Fair Trade and organic coffee cooperatives in the Cordoba-Huatusco corridor in Veracruz, Mexico

†† Kelly Nicole Abdelmassih *Davenport, Iowa*
B.S. Iowa State University
M.S. Iowa State University
Department: Apparel, Events, and Hospitality Management
Major: Hospitality Management
Dissertation: Food allergy accommodation policies in colleges and universities: An investigation using organizational culture as a theoretical framework

†† Toshia Renee Albright *Glasford, Ill.*
B.A. Knox College
Department: Chemistry
Major: Organic Chemistry
Dissertation: Photophysical and photochemical analysis and synthesis of biological imaging tools

Vurtice Carroll Albright III *Knox, Ind.*
B.S. Tri-State University
M.S. Iowa State University
Department: Entomology
Major: Toxicology
Dissertation: Biological validation of ELISA results for the detection of Cry proteins

Saurabh Sanjay Ambulkar *Nagpur, India*
B.E. Nagpur University
M.S. University of Wisconsin-Madison
Department: Business Administration
Major: Business and Technology (Supply Chain Management)
Dissertation: Managing supply chain disruptions: Role of firm resilience and strategic focus on innovation

§ Vikas Belamkar *Hubli, India*
B.E. Visveswaraiiah Technological University
M.S. Texas Tech University
Department: Agronomy
Major: Genetics (Computational Molecular Biology)
Dissertation: Phenotypic and genetic variation in an *Apios americana* breeding collection; and characterization of the HD-Zip gene family, involved in abiotic stress responses in Glycine max

††§ Ali Jessica Berens *Shakopee, Minn.*
B.A. St. Olaf College
Department: Ecology, Evolution and Organismal Biology
Major: Bioinformatics and Computational Biology
Dissertation: Sociogenomics of social organization: Mechanistic and evolutionary underpinnings of caste development and facial recognition in paper wasps

§ Leif Peder Berg *Hutchinson, Minn.*
B.A. St. Olaf College
Department: Mechanical Engineering
Major: Human Computer Interaction
Dissertation: Immersive technology as a decision making tool for product design

†† Jonna Elizabeth Berry *Hastings, Minn.*
B.A. Gustavus Adolphus College
Department: Chemistry
Major: Analytical Chemistry (Forensic Chemistry)
Dissertation: Trace metal analysis by laser ablation-inductively coupled plasma-mass spectrometry and x-ray K-edge densitometry of forensic samples

§ Elizabeth Rose Boyer *St. Lucas, Iowa*
B.S. Iowa State University
M.S. Iowa State University
Department: Kinesiology
Major: Kinesiology
Dissertation: Rearfoot, mid/forefoot, and barefoot running: Biomechanical differences related to injury

Tracy Lynn Bruns *Cedar Falls, Iowa*
B.A. University of Northern Iowa
M.S. University of Northern Iowa
Department: Plant Pathology and
Microbiology
Major: Plant Pathology
Dissertation: The role of *Fusarium*
mycotoxins in seedling infection of
soybeans, wheat and maize

†† Harsh Harish Buddhadev *Rajkot, India*
B.Pt. Gujarat University
M.S. University of North Texas
Department: Kinesiology
Major: Kinesiology
Dissertation: Age-associated adaptations in
lower limb motor patterns during walking
and cycling

§ Patrick Eric Carlson *Afton, Minn.*
B.A. Simpson College
Department: Mechanical Engineering
Major: Human Computer Interaction
Dissertation: Engaging developers in open
source software projects: Harnessing
social and technical data mining to
improve software development

§ Angela Lynn Carter *Ames, Iowa*
B.A. University of Iowa
M.F.A. University of Arizona
M.S. Iowa State University
Department: Sociology
Majors: Sociology and Sustainable
Agriculture
Dissertation: "We love this land, and we
want to take care of this land": Iowa
women farmland owners constructing
and contesting narratives

§ Juan Sebastián Casallas Suárez
Bogotá, Colombia
Ing. University of the Andes
Department: Mechanical Engineering
Major: Human Computer Interaction
Dissertation: Prediction of user action in
moving-target selection tasks

Katherine Elizabeth Center *Bryan, Tex.*
B.S. Sam Houston State University
M.A. Wake Forest University
Department: Psychology
Major: Psychology
Dissertation: Testing ratings of violent video
games: How well do they measure up?

Xiaoyue Cheng *Qingdao, China*
B.S. Renmin University of China
Department: Statistics
Major: Statistics
Dissertation: Interactive visualization for
missing values, time series, and areal data

§ Hyejin Cho *Seoul, South Korea*
B.S. Korea University
M.B.Tech. University of Pennsylvania
Department: Genetics Development and
Cell Biology
Major: Bioinformatics and Computational
Biology
Dissertation: Computational prediction,
experiment design and statistical
validations of non-coding regulatory RNA

Matthew Spencer Clancy *Iowa City, Iowa*
B.S. Iowa State University
B.A. Iowa State University
M.S. London School of Economics and
Political Science
Department: Economics
Major: Economics
Dissertation: Combinatorial innovation,
evidence from patent data, and mandated
innovation

Timothy Edward Cullinan *Ottumwa, Iowa*
B.S. Iowa State University
Department: Materials Science and
Engineering
Major: Materials Science and Engineering
Dissertation: Crystallization dynamics in
glass-forming systems

LaPorchia Chantell Davis *Pine Bluff, Ark.*
B.S. University of Arkansas at Pine Bluff
M.S. Iowa State University
Department: Apparel, Events, and
Hospitality Management
Major: Apparel, Merchandising, and Design
Dissertation: African American mother's
socialization of daughter's dress and
consumption of appearance-related
products

Thomas Norman Deering *Ames, Iowa*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Dissertation: Man-machine partial program
analysis for malware detection

§ Bernardo G. Del Campo
Montevideo, Uruguay
B.S. Facultad de Agronomia
M.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Production of activated
carbon from fast pyrolysis biochar and
the detoxification of pyrolytic sugars for
ethanol fermentation

- Andreea Luisa Erciulescu *Dragasani, Romania*
 B.S. Colorado State University
 M.S. Iowa State University
 Department: Statistics
 Major: Statistics
 Dissertation: Small area prediction based on unit level models when the covariate mean is measured with error
- § Seth David Gilbert *Worthington, Minn.*
 B.A. Gustavus Adolphus College
 J.D. William Mitchell College of Law
 School: Education
 Major: Education (Educational Leadership)
 Dissertation: From international deployments to an Iowa community college: Experiences of veterans who have made the transition
- Kathleen Erin Gillon *Martin, Tenn.*
 B.A. Christian Brothers College
 M.Ed. Vanderbilt University
 School: Education
 Major: Education (Educational Leadership)
 Dissertation: The middle of somewhere: An exploration of rural women, communities of place, and college-going
- § Jillian Joanne Goetz *Carthage, Ill.*
 B.A. Grinnell College
 Department: Genetics Development and Cell Biology
 Major: Neuroscience
 Dissertation: The identification of effectors of retinal cell fate determination through single cell transcriptomics
- Enruo Guo *Beijing, China*
 B.S. Beijing Normal University
 M.S. Iowa State University
 M.S. Iowa State University
 Department: Computer Science
 Majors: Computer Science and Human Computer Interaction
 Dissertation: Diagram-based intelligent tutoring systems
- †† Manjul Gupta *New Delhi, India*
 B.E. Visveswaraiiah Technological University
 Department: Business Administration
 Major: Business and Technology (Information Systems)
 Dissertation: Information systems in the 21st century: Culture, agility and big data
- ††§ Joseph Hugh Hammer *Wauconda, Ill.*
 B.S. University of Illinois-Urbana Champaign
 M.Ed. University of Missouri-Columbia
 Department: Psychology
 Major: Psychology (Counseling Psychology)
 Dissertation: Development of the help-seeker stereotype scale
- Yuan He *Ruston, La.*
 B.S. Beihang University
 M.S. University of Nottingham
 M.S. Louisiana Tech University
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
 Dissertation: MEMS-compatible processes for fabricating nanostructures and their applications
- Deanna T. Hlavacek *Bolingbrook, Ill.*
 B.A. Southern Illinois University-Carbondale
 M.S. Northern Illinois University
 Department: Electrical and Computer Engineering
 Major: Computer Engineering
 Dissertation: Synoptic analysis techniques for intrusion detection in wireless networks
- § Ihor Zenoviyovych Hlova *Sambir Lviv, Ukraine*
 Bklvr. Ivan Franko National University of Lviv
 Master. Ivan Franko National University of Lviv
 Department: Materials Science and Engineering
 Major: Materials Science and Engineering
 Dissertation: Mechanochemical synthesis of hydrogen-storage materials based on aluminum, magnesium and their compounds
- Mohammad Mainul Hoque *Dhaka, Bangladesh*
 B.S.S. University of Dhaka
 M.S.S. University of Dhaka
 M.S. Iowa State University
 Department: Economics
 Major: Economics
 Dissertation: Essays on natural resources and labor economics
- Anne Marie Howsare Boyens *Des Moines, Iowa*
 B.A. University of Iowa
 M.A. University of Iowa
 School: Education
 Major: Education (Educational Leadership)
 Dissertation: English as a Second Language courses: A path to college? A study of noncredit ESL students and their patterns of matriculation to community college

Yang Huo *Dalian, China*
B.S. Dalian University of Technology
M.S. Dalian University of Technology
Department: Materials Science and Engineering
Major: Materials Science and Engineering
Dissertation: Phase Selection and microstructure formation in directional solidification of Pd-Si-Cu glass forming alloys

§ Moneim R. Ismail *Mansoura, Egypt*
B.S. Mansoura University
M.S. Mansoura University
Department: Materials Science and Engineering
Major: Materials Science and Engineering
Dissertation: Tailoring device-scale properties in organic electronics: Morphological, optical and electrode-interface related approaches

Juhyon Kang *Seoul, South Korea*
B.S. Seoul National University
M.S. Iowa State University
Department: Food Science and Human Nutrition
Majors: Food Science and Technology and Biorenewable Resources and Technology
Dissertation: Environment stewardship by microalgae: Air and water

Younjun Kim *Seoul, South Korea*
B.A. Seoul National University
M.A. Seoul National University
Department: Economics
Major: Economics
Dissertation: Essays on firm location decisions, regional development and choices under risk

Adam Charles Krull *George, Iowa*
B.S. Iowa State University
D.V.M. Iowa State University
Department: Veterinary Microbiology and Preventive Medicine
Major: Veterinary Microbiology
Dissertation: Bovine digital dermatitis: Natural lesion development and experimental induction

Hye Won Lee *Seoul, South Korea*
B.S. Yonsei University
M.A. International Graduate School of English
Department: English
Major: Applied Linguistics and Technology
Dissertation: Innovative assessment tasks for academic English proficiency: An integrated listening-speaking task vs. a multimedia-mediated speaking task

Chong Li *Jingzhou, China*
B.E. Huazhong University of Science and Technology
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Material phase change under extreme domain confinement in laser material interaction

Zhi Li *Changde, China*
M.A. Hunan University
Department: English
Major: Applied Linguistics and Technology
Dissertation: An argument-based validation study of the English Placement Test (EPT) - Focusing on the inferences of extrapolation and ramification

§ Xiao Liang *Handan, China*
B.S. Iowa State University
M.S. Iowa State University
Department: Civil, Construction and Environmental Engineering
Major: Civil Engineering (Structural Engineering)
Dissertation: Confined concrete behavior in hollow columns

†† Edna De Freitas Lima *Athens, Ohio*
B.Lang. Universidade Federal de Vicosa
M.A. Iowa State University
Department: English
Major: Applied Linguistics and Technology
Dissertation: Development and evaluation of online pronunciation instruction for international teaching assistants' comprehensibility

Feng Lin *Jurong, China*
B.S. Central South University
Department: Biomedical Sciences
Major: Genetics
Dissertation: Development of gold nanoparticle-based antigen delivery platform for vaccines against HIV-1

§ Tao Lin *Datian, China*
B.E. East China University of Science and Technology
M. Engr. Tsinghua University
Department: Electrical and Computer Engineering
Major: Computer Engineering
Dissertation: High performance algorithms for large scale placement problem

- Stephanie Maranda Link *Sherburn, Minn.*
 B.S. Winona State University
 M.A. Winona State University
 M.A. Tamkang University
 Department: English
 Major: Applied Linguistics and Technology
 Dissertation: Development and validation
 of an automated essay scoring engine
 to assess students' development across
 program levels
- †† Xiyang Liu *Shenyang, China*
 B.Econ. Liaoning University
 M.Econ. Wuhan University
 Department: Economics
 Major: Economics
 Dissertation: Optimal population and policy
 implications
- ††§ Brian T. Lois *Green Bay, Wis.*
 B.S. Marquette University
 Departments: Mathematics and Electrical
 and Computer Engineering
 Majors: Applied Mathematics and Electrical
 Engineering
 Dissertation: Correctness results for on-line
 robust principal components analysis
- § Xiaochu Lou *Luohe, China*
 B.S. Tongji University
 M.Nat.S. Tongji University
 Department: Biochemistry, Biophysics and
 Molecular Biology
 Major: Biochemistry
 Dissertation: Mechanistic insights into the
 regulation of neuronal SNAREs mediate
 membrane fusion - interplay between core
 fusion machinery and regulatory proteins
- Liang Luo *Pengzhou, China*
 B.E. Central South University
 M.S. Umea University
 Department: Physics and Astronomy
 Major: Condensed Matter Physics
 Dissertation: Ultrafast terahertz
 electrodynamic of photonic and
 electronic nanostructures
- Depeng Mao *Tianmen, China*
 B.E. Huazhong University of Science and
 Technology
 M.S. Shenzhen University
 Department: Electrical and Computer
 Engineering
 Major: Electrical Engineering
 Dissertation: Reconfigurable photonic
 crystal
- Karsten Tait Maurer *Champlin, Minn.*
 B.A. University of Minnesota-Morris
 B.A. University of Minnesota-Morris
 M.S. Iowa State University
 Department: Statistics
 Major: Statistics
 Dissertation: Applications of technology
 and large data in statistics education and
 statistical graphics
- Jonathan Robert McFadden *Durant, Okla.*
 B.A. University of Oklahoma
 B.A. University of Oklahoma
 Department: Economics
 Major: Economics
 Dissertation: Essays on climate change
 adaptation and biotechnologies in U.S.
 agriculture
- Regina Sue McGrane *Newton, Iowa*
 B.A. University of Northern Iowa
 Department: Plant Pathology and
 Microbiology
 Major: Genetics
 Dissertation: Elucidation of a
 bacteriophytochrome-regulated signal
 transduction pathway in *Pseudomonas*
syringae that contributes to leaf
 colonization, virulence, and swarming
 motility
- § Ammar Abdulghani Melaibari *Ames, Iowa*
 B.S. King Abdul Aziz University
 M.S. Iowa State University
 Department: Mechanical Engineering
 Major: Mechanical Engineering
 Dissertation: Lasers processing of ultra-hard
 materials
- ††§ Kasra Momeni *Ames, Iowa*
 B., K. N. Toosi University of Technology
 Master. Sharif University of Technology
 Ph.D. Michigan Technological University
 Department: Aerospace Engineering
 Major: Engineering Mechanics
 Dissertation: A diffuse interface approach to
 phase transformation via virtual melting
- ††§ Arko Provo Mukherjee *Kolkata, India*
 B.Tech. National Institute of Technology,
 Durgapur
 Department: Electrical and Computer
 Engineering
 Major: Computer Engineering
 Dissertation: Mining dense substructures
 from large deterministic and probabilistic
 graphs

§ Hoan Anh Nguyen *Hanoi, Vietnam*
B.Eit. Hanoi University of Technology
Mit. Hanoi University of Technology
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Dissertation: Analyzing repetitiveness in big
code to support software maintenance
and evolution

Nicole Lynn Oneyear *Dubuque, Iowa*
B.S. Iowa State University
M.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)
Dissertation: Development of rural curve
driving models using lateral placement
and prediction of lane departures using
the SHRP 2 naturalistic driving data

David Allen Osthus *Sioux Falls, S. Dak.*
B.A. Luther College
M.S. Iowa State University
Department: Statistics
Major: Statistics
Dissertation: Applications of and extensions
to state-space models

Jordon Michael Pace *Dayton, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Genetics
Dissertation: Genetic architecture and
predictability of seedling root traits in
maize (*Zea mays* L.)

§ Jungwook Paek *Seoul, South Korea*
B.E. Ajou University
M.S. Seoul National University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Dissertation: Unconventional elastomeric
microsystems: Fabrication and
application

Yixing Peng *Wuhan, China*
B.Econ. Wuhan University
B.S. Wuhan University
M.A. Wuhan University
Department: Economics
Major: Economics
Dissertation: Three essays on biofuels,
weather and corn yield

Timothy Packard Phillips *Davenport, Iowa*
A.B. Washington University
M.A. St. Louis University
School: Education
Major: Education (Educational Leadership)
Dissertation: Working for justice: The life
history reflections of privileged college
student social justice allies

Swamy Dhoss Ponpandi *Ames, Iowa*
B.Eng. University of Madras
M.Tech. Indian Statistical Institute
M.S. South Dakota School of Mines and
Technology
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Dissertation: Polymorphic computing
abstraction for heterogeneous
architectures

Kevin Charles Potter *Grimes, Iowa*
B.S. Graceland University
Department: Biochemistry, Biophysics and
Molecular Biology
Major: Molecular, Cellular and
Developmental Biology
Dissertation: Understanding the BASEs for
catalysis in class II diterpene cyclases
results in novel product chemistries

Agustina Veny Purnamasari *New York, N.Y.*
Sarjana. Universitas Sanata Dharma
M.Mgmt. Gadjah Mada University
School: Education
Major: Education (Educational Leadership)
Dissertation: Beyond tenured: Analysis of
the influence of department chair role
conflict, stress, job satisfaction and their
likelihood to serve for another term

Dong-Jin Pyo *Busan, South Korea*
B.Econ. Korea University
M.Econ. Korea University
Department: Economics
Major: Economics
Dissertation: Animal spirits and stock
market dynamics

Malinda Denise Reichert *Westboro, Wis.*
B.S. University of Wisconsin-Oshkosh
Department: Chemistry
Major: Chemistry
Dissertation: Chemical and thermal stability
of semiconductors

†† Jolie Dianna Roat *Macedon, N.Y.*
B.A. Nazareth College of Rochester
Department: Mathematics
Major: Mathematics
Dissertation: On $8p$ -dimensional Hopf
algebras with the Chevalley property

- Arunabha Mohan Roy *Kolkata, India*
 B.Civ.E. Jadavpur University
 M.Tech. Indian Institute of Technology-
 Kanpur
 Department: Aerospace Engineering
 Major: Engineering Mechanics
 Dissertation: Phase field approach for
 multiphase phase transformations,
 twinning, and variant-variant
 transformations in martensite
- § Brendan James Russo *Harper Woods, Mich.*
 B.S. Wayne State University
 M.S. Wayne State University
 Department: Civil, Construction and
 Environmental Engineering
 Major: Civil Engineering (Transportation
 Engineering)
 Dissertation: Guidance on the application of
 cable median barrier: Tradeoffs between
 crash frequency, crash severity, and
 agency costs
- Irmak Sargin *Ankara, Turkey*
 Lisans. Middle East Technical University
 M.S. Middle East Technical University
 Department: Materials Science and
 Engineering
 Major: Materials Science and Engineering
 Dissertation: Invariant and univariant
 eutectic solidification in ternary alloys
- †† Aysel Saricaoglu *Trabzon, Turkey*
 B. Mersin University
 Yuk. Lis. Hacettepe University
 Department: English
 Major: Applied Linguistics and Technology
 Dissertation: A systemic functional
 perspective on automated writing
 evaluation: Formative feedback on causal
 discourse
- § Joonbae Seo *Daegu, South Korea*
 B.Eng. Kyungpook National University
 M.S. Iowa State University
 Department: Biomedical Sciences
 Major: Genetics
 Dissertation: Characterization of splice
 variants of human survival motor neuron
 genes
- †† Amy Lynn Shin *Sheboygan, Wis.*
 B.S. Carroll University
 M.A. Washington State University
 Department: Sociology
 Major: Sociology
 Dissertation: Muslim women and the veil:
 An experimental study of social bias
- †† Matthew Wayne Simpson *Troy, Mo.*
 B.A. Lindenwood University
 M.S. Iowa State University
 Departments: Statistics and Economics
 Majors: Statistics and Economics
 Dissertation: Bayesian modeling and
 computation with latent variables
- Matthew Lloyd Stock *Hinsdale, Ill.*
 B.S. University of Notre Dame
 V.M.D. University of Pennsylvania
 Department: Biomedical Sciences
 Major: Biomedical Sciences (Pharmacology)
 Dissertation: Comparison of oral non-
 steroidal anti-inflammatory drugs in
 cautery dehorned calves
- Joori Suh *Ames, Iowa*
 B.A. Hanyang University
 M.A. Cornell University
 Department: Architecture
 Major: Human Computer Interaction
 Dissertation: IGATY: An archetype-based
 interactive generative abstraction system
 focusing on museum interior archetypes
- †† Pei-Chun Tsai *Taichung, Taiwan*
 B.Ed. National Taipei University of
 Education
 M.S. Indiana University-Bloomington
 Department: Psychology
 Major: Psychology (Counseling Psychology)
 Dissertation: Trainee's anxiety and
 counseling self-efficacy in counseling
 sessions
- Matthew Ryan Walsh *Smithton, Pa.*
 B.A. Pennsylvania State University
 M.A. Duquesne University
 M.S. Duquesne University
 Department: History
 Major: Agricultural History and Rural
 Studies
 Dissertation: An Iowa anomaly: Robert Ray
 and the Indochinese refugees
- Zhenyu Wang *Zhuzhou, China*
 B.E. University Shanghai for Science and
 Technology
 M.S. University Shanghai for Science and
 Technology
 Department: Aerospace Engineering
 Major: Aerospace Engineering
 Dissertation: Experimental and numerical
 investigations on the flow characteristics
 of rotary machineries

§ Ryan Gary Wilson *Huntington, W. Va.*
B.S. Ohio University
M.S. Iowa State University
M.F.A. Iowa State University
Department: Graphic Design
Major: Human Computer Interaction
Dissertation: Understanding the user in
online education

Amy Marie Worthington *Sioux Falls, S. Dak.*
B.S. University of South Dakota
M.S. University of South Dakota
Department: Ecology, Evolution and
Organismal Biology
Major: Ecology and Evolutionary Biology
Dissertation: Direct benefits of ejaculate-
derived compounds on female
reproduction and immunity in the field
cricket, *Gryllus texensis*

Shifan Wu *Jiashan, China*
B.E. Southwest Jiaotong University
M.Engr. Tianjin University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Geotechnical
Engineering)
Dissertation: Mitigation of liquefaction
hazards using the combined
biodesaturation and bioclogging method

Zhuoru Wu *Jinan, China*
B.E. Harbin Institute of Technology
M.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: The mechanism governing
cutting of hard materials with hybrid
Laser/Waterjet system through controlled
fracture

Haihua Xie *Shangrao, China*
B.Nat.S. Nanjing University of Posts and
Telecommunications
M.Engr. Tsinghua University
Department: Computer Science
Major: Computer Science
Dissertation: Detection of new intentions
from users for software service evolution
in human-centric context-aware
environments using Conditional Random
Fields

Shen Xu *Suzhou, Jiangsu, China*
B.E. East China University Science and
Technology
M.S. Fudan University
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Optical based thermal probing
and characterization

Zaoli Xu *Chongqing, China*
B.E. Huazhong University of Science and
Technology
Department: Mechanical Engineering
Major: Mechanical Engineering
Dissertation: Thermal transport in DNA

†† Jing Yang *Beijing, China*
B.Mgmt. Beijing Institute of Petrochemical
Technology
M.S. Michigan State University
Department: Apparel, Events, and
Hospitality Management
Major: Hospitality Management
Dissertation: The effects of lighting tem-
perature and complexity on hotel guests'
perceived servicescape, perceived value,
and behavioral intentions

†† Anwen Yin *Astoria, N.Y.*
B.Mgmt. Nanjing University of Finance and
Economics
M.A. University of Windsor
Department: Economics
Major: Economics
Dissertation: Forecasting and model
averaging with structural breaks

Jian Zeng *Chongqing, China*
B.A. China Agricultural University
M.S. Iowa State University
Department: Animal Science
Major: Animal Breeding and Genetics
(Quantitative Genetics)
Dissertation: Whole genome analyses
accounting for structures in genotype data

§ Leilei Zhang *Changzhi, Shanxi, China*
B.S. Nankai University
M.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Dissertation: Biofuel supply chain, market,
and policy analysis

Zongyu Zhang *Shanghai, China*
B.S. Yantai University
M.Engr East China University Science and
Technology
Department: Food Science and Human
Nutrition
Major: Food Science and Technology
Dissertation: Natural and value-added
approaches for pathogen control

Wei Zhou *Wuhan, China*
B.A. Wuhan University
Department: Economics
Major: Economics
Dissertation: Three essays on modeling
biofuel feedstock supply

MASTER OF ACCOUNTING

Zachary T. Houk *Ankeny, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

Jennifer Lynn Rismoen *Kenosha, Wis.*
B.S. University of Wisconsin-Madison
Department: Accounting
Major: Accounting

Samuel P. Myers *West Des Moines, Iowa*
B.S. Iowa State University
Department: Accounting
Major: Accounting

MASTER OF AGRICULTURE

Kevin Neal Hansen *Ames, Iowa*
B.S. Iowa State University
Department: Professional Agriculture
Major: Professional Agriculture

Susannah Marie Miller *Osceola, Iowa*
B.S. Iowa State University
Department: Professional Agriculture
Major: Professional Agriculture

MASTER OF ARTS

§ Cory Alan Cramer *Ames, Iowa*
B.A. Iowa State University
Department: Political Science
Major: Political Science
Thesis: Conservatism, burke, and durable independence

B.S.N. Mount Mercy College
Department: Interior Design
Major: Interior Design
Thesis: Place as a positive reflection of self

Jason Lee Danielson *Ankeny, Iowa*
B.A. University of Northern Iowa
B.A. University of Northern Iowa
Department: History
Major: History
Thesis: The role of soul: Stax Records and the civil rights movement in Memphis, Tennessee

Jeanie M. F. Kirkpatrick *Ames, Iowa*
B.A. Iowa State University
B.S. Iowa State University
Department: Apparel, Events, and Hospitality Management
Major: Interdisciplinary Graduate Studies

Autumn N. Dinkelman *Waco, Neb.*
B.A. University of Tulsa
B.S. University of Tulsa
Department: English
Major: Teaching English as a Second Language/Applied Linguistics (Computer Assisted Language Learning)

Sherry Lynn Leksell *Webster City, Iowa*
B.A. Iowa State University
Department: English
Major: English (Literature and the Teaching of Reading)

Nathan Pierce Fielding *Chariton, Iowa*
B.S. Iowa State University
Department: Interior Design
Major: Interior Design

Christopher Allen Neary *Ames, Iowa*
B.A. Michigan State University
Department: Political Science
Major: Political Science
Thesis: Comparative state community college return on investment: State funding, local funding, tuition and graduation rates for community colleges

Iman Hasan *Islamabad, Pakistan*
B.A. University of the Punjab
M.A. Quaid-Iazam University
Department: Political Science
Major: Political Science
Thesis: Peace talks and two-level games

Aslihan Yeniceri *Siran, Turkey*
Lis. Dip. Gazi University
Department: Political Science
Major: Political Science
Thesis: Hybridization and Kazakh ethnic identity formation

Cynthia Ann Kelly *Charles City, Iowa*

MASTER OF ARTS IN TEACHING

Eric Thomas Anderson *Gilbert, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Ethan E. Bandow *Manilla, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Justin Thomas Blake *Ames, Iowa*
B.S. Iowa State University
B.S. Iowa State University
School: Education
Major: Science Education

Michelle A. Casto-Yerty *Granger, Iowa*
B.S. Iowa State University
M.S. Tennessee Technological University
School: Education
Major: Science Education

Jaci Marie Dahl *Westfield, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Haley Danielle Davis *Ames, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Samantha Elisabeth Edster *Manchester, Mo.*
B.S. Iowa State University
School: Education
Major: Science Education

Marinda Rose Gacke *Davenport, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Nicholas Leo-Bauer Lachen *Winterset, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Andrea Nicole Lowe *Kansas City, Mo.*
B.S. Iowa State University
B.S. Iowa State University
School: Education
Major: Science Education

Amanda Sue Ohge *Muscatine, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Olivia Angeline Palmer *Cedar Rapids, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Erich Joel Sneller *Sioux Center, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

Jerald Thomas Stoss *Cedar Falls, Iowa*
B.S. Iowa State University
School: Education
Major: Science Education

MASTER OF BUSINESS

Seth Michael Bass *Altoona, Iowa*
B.A. Grand View University
Department: Business Administration
Major: Business Administration (Marketing)

Jacey Ira Heuer *Granger, Iowa*
B.A. Wartburg College
Department: Business Administration
Major: Business Administration

Jacob Alan Krohn *Des Moines, Iowa*
B.S. Iowa State University
Department: Business Administration
Major: Business Administration

MASTER OF COMMUNITY AND REGIONAL PLANNING

Mohammad Rafayet Hossain
Dhaka, Bangladesh
B.Urp. Bangladesh University of
Engineering and Technology
Department: Community and Regional
Planning
Major: Community and Regional Planning

Xiaomeng Xu
Gaomi Shandong, China
B.E. Yunnan University
Department: Community and Regional
Planning
Major: Community and Regional Planning

Jingjing Ruan
Xinyu, China
B.E. Huazhong University of Science and
Technology
M. Engr. Huazhong University of Science
and Technology
Department: Community and Regional
Planning
Major: Community and Regional Planning

MASTER OF DESIGN IN SUSTAINABLE ENVIRONMENTS

Rebekka Christine Brown
Burlington, Wis.
B.I.D. Iowa State University
Department: Industrial Design
Major: Sustainable Environments

Xi Zhang
Xinyang, China
B.S. Zhengzhou Institute of Aviation
Management
M.S. South China University of Technology
Department: Community and Regional
Planning
Major: Sustainable Environments

Sushmita Chowdary Kotta
Hyderabad, India
B.Arch. Jawaharlal Nehru Technological
University
Department: Architecture
Major: Sustainable Environments

MASTER OF EDUCATION

Staci Ann Allison
Urbandale, Iowa
B.A. Upper Iowa University
School: Education
Major: Education (Educational
Administration (practitioner))

Scott Michael Ehlinger
Ankeny, Iowa
B.A. Loras College
M.A. Loras College
School: Education
Major: Education (Educational
Administration (practitioner))

Thomas Admiral Bartello
Newton, Iowa
B.A. Northwestern College
School: Education
Major: Education (Educational
Administration (practitioner))

Megan Elizabeth Grove
Fort Dodge, Iowa
B.L.S. Iowa State University
School: Education
Major: Education (Higher Education)

Shelly Ann Christensen
Cedar Falls, Iowa
B.A. University of Northern Iowa
School: Education
Major: Education (Higher Education)

Karen Johnson Hammers
Union, Iowa
B.S. Iowa State University
School: Education
Major: Education (Curriculum and
Instructional Technology)

Amanda Caye Dreier
Ankeny, Iowa
B.A. Iowa State University
School: Education
Major: Education

Justin Michael Hill *Corinth, Tex.*
B.A. Rice University
School: Education
Major: Education

Zachary James Hoffman *Polk City, Iowa*
B.A. Grand View University
M.Educ Graceland University
School: Education
Major: Education (Educational
Administration (practitioner))

Craig Alan Juilfs *Fort Dodge, Iowa*
B.L.S. Iowa State University
School: Education
Major: Education (Higher Education)

Emily Anne Julin *Bemidji, Minn.*
B.A. Colby College
M.Music University of Nebraska at Lincoln
School: Education
Major: Education (Mathematics Licensure)

Steven Francis Kelly *Britt, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Higher Education)

Jody Lynn Kimberley *Urbandale, Iowa*
B.A. Upper Iowa University
School: Education
Major: Education (Educational
Administration (practitioner))

Michael David Kline *Bettendorf, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Educational
Administration (practitioner))

Erin Marie Kramer *Nevada, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Curriculum and
Instructional Technology)

Staci Lynn Laird *Fort Dodge, Iowa*
B.A. University of Northern Iowa
School: Education
Major: Education (Educational
Administration (practitioner))

Tera Jean Lawson *Ames, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Higher Education)

Keanna Alicia Levy *Waterloo, Iowa*
B.A. University of California-Berkeley
School: Education
Major: Education (Higher Education)

Breanne Janae Maranto *Ames, Iowa*
B.S. California State University-Bakersfield
School: Education
Major: Education (Mathematics Licensure)

Mary Margaret McGrath *Creston, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Educational
Administration (practitioner))

Nicholas Quinn McVey *Waukee, Iowa*
B.S. Iowa State University
M.Educ. Iowa State University
School: Education
Major: Education (Higher Education)

Alyssa Rae Meyer *Stanwood, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Higher Education)

Charity Maureen Miller *West Des Moines, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Educational
Administration (practitioner))

Travis Michael Olson *Hiawatha, Iowa*
B.A. Loras College
School: Education
Major: Education (Higher Education)

VaLinda Jean Parsons *Ames, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Higher Education)

Alyse Marie Ridpath *Ames, Iowa*
B.A. Iowa State University
School: Education
Major: Education (Higher Education)

Matthew David Robie *Ankeny, Iowa*
B.A. University of Northern Iowa
M.A. Michigan State University
School: Education
Major: Education (Educational
Administration (practitioner))

Carrie Ann Rock *Fort Dodge, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Higher Education)

Kathryn Claire Ryan *Oakdale, Minn.*
B.S. Baylor University
School: Education
Major: Education (Higher Education)

Brandon Alan Schrauth *Waukee, Iowa*
B.S. Iowa State University
M.S. Iowa State University
School: Education
Major: Education (Educational
Administration (practitioner))

Kristin Jean Sheffield *Earlham, Iowa*
B.A. William Penn University
M.S. Walden University
School: Education
Major: Education (Educational
Administration (practitioner))

Gregory Dale Slininger *Harcourt, Iowa*
B.A. Buena Vista University
School: Education
Major: Education (Educational
Administration (practitioner))

Marvin Everd Smith *Muscatine, Iowa*
B.A. Iowa Wesleyan College
School: Education
Major: Education (Higher Education)

Crystal Renee Thomas *Ankeny, Iowa*
B.S. Iowa State University
School: Education
Major: Education

Alexander P. Thompkins *West Des Moines, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Mathematics Licensure)

Alex Richard Tyrrell *Estherville, Iowa*
B.S. Vermont Technical College
School: Education
Major: Education (Higher Education)

Brenda Kay Welch *Cleghorn, Iowa*
B.A. Central College
School: Education
Major: Education (Curriculum and
Instructional Technology)

MASTER OF ENGINEERING

Michelle Lynn Arentsen *Lebanon, Ill.*
B.S. University of Illinois-Urbana
Champaign
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Weizheng Gan *Linshui, China*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Duane R. Gibson *Canton, Mich.*
B.I.S. Oakland University
M.S. Eastern Michigan University
Department: Electrical and Computer
Engineering
Major: Information Assurance

Martin Robert Haverly *Pella, Iowa*
B.S. Dordt College
Department: Mechanical Engineering
Major: Mechanical Engineering

Henry Joseph Kelley *Waukee, Iowa*
B.S. Iowa State University
Department: Mechanical Engineering
Major: Mechanical Engineering

Zhenqi Li *Yibin, China*
B.E. China Institute of Industrial Relations
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering

Wang Liao *Beijing, China*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Tyler Zachary Liechty *Mount Pleasant, Iowa*
B.S. Massachusetts Institute of Technology
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

David Roman Mesa *Ridgefield, Wash.*
B.S. University of Florida
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Bin Mo *Zhanjiang, China*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Geotechnical
Engineering)

Peng Mo *Ames, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Geotechnical
Engineering)

Samuel Oluwasanmi Olowoyo *Cedar Rapids, Iowa*
B.E.E. University of Minnesota-Minneapolis
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Mohammad Rashidul Qudde *Comilla, Bangladesh*
B.E. Hiroshima University
M.Engr. University of Tokyo
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Andrew Michael SchAAF *Cold Spring, Minn.*
B.A. College of St. Scholastica
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Joseph John Slegers *Orange City, Iowa*
B.S. Dordt College
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Andrew Michael Thomas *Davenport, Iowa*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Majors: Information Assurance and
Computer Engineering

Robert Ryan Trusty *Cedar Rapids, Iowa*
B.S. Purdue University
Department: Industrial and Manufacturing
Systems Engineering
Major: Systems Engineering

Julio Gonzalo Villegas *Hawaiian Gardens, Calif.*
B.S. University of Southern California
Department: Electrical and Computer
Engineering
Major: Information Assurance

Lin Yang *Tianshui, China*
B.S. Iowa State University
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering

Lili Zheng *Changchun, China*
B.S. University College Cork
M.S. University College London
Department: Chemical and Biological
Engineering
Major: Chemical Engineering

MASTER OF FAMILY AND CONSUMER SCIENCES

Christie Achenbach *Tampa, Fla.*
B.S. Michigan State University
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Dietetics)

Amber Marie Lockhart *Adel, Iowa*
B.S. Iowa State University
Department: Family and Consumer Sciences
Major: Family and Consumer Sciences
(Family Financial Planning)

MASTER OF FINE ARTS

§ Meghan Ann Brown *Grand Forks, N. Dak.*
B.A. University of North Dakota
Department: English
Major: Creative Writing and Environment
Thesis: Animal people

Nick Dean Friess *Jefferson, Iowa*
B.F.A. Drake University
Department: Integrated Studio Arts
Major: Integrated Visual Arts
Thesis: artIfacs

†† Karen Marie Doty *Colfax, Iowa*
B.F.A. Truman State University
B.A. Truman State University
Department: Graphic Design
Major: Graphic Design
Thesis: Designing for interactive eBooks:
An evaluation of effective interaction
elements in children's eBooks

Rohini Kummitha *Ames, Iowa*
B.Tech. Jawaharlal Nehru Technological
University
Department: Integrated Studio Arts
Major: Integrated Visual Arts
Thesis: Magic Masala

Tessia Laryn Rockey *Lone Rock, Iowa*
B.F.A. Iowa State University
Department: Interior Design
Major: Interior Design
Thesis: A lovely room of death

Nichole Ra Staker *Clive, Iowa*
B.A. University of Iowa
Department: Interior Design
Major: Interior Design
Thesis: The anthropologie effect

Chen Zhang *Beijing, China*
B.A. North China University of Technology
B.S. Southern Polytechnic State University
Department: Graphic Design
Major: Graphic Design
Thesis: A framework and guidance for
design of patient-friendly medical
decision aids

MASTER OF INDUSTRIAL DESIGN

Ryan Patrick Nieland *Iowa City, Iowa*
B.A. University of Iowa
Department: Industrial Design
Major: Industrial Design

MASTER OF LANDSCAPE ARCHITECTURE

§ Tara Marlys Bounds *Orion, Ill.*
B.F.A. Drake University
B.A. Drake University
Department: Landscape Architecture
Major: Landscape Architecture (Landscape
Architecture)

MASTER OF PUBLIC ADMINISTRATION

Kristina McFee Carroll *Ankeny, Iowa*
B.S. Iowa State University
Department: Political Science
Major: Public Administration

MASTER OF SCHOOL MATHEMATICS

An Xuan Le *Des Moines, Iowa*
B.A. Central College
Department: Mathematics
Major: School Mathematics

Jeremy Andrew Lenz *Lincoln, Neb.*
B.A. Morningside College
Department: Mathematics
Major: School Mathematics

MASTER OF SCIENCE

Ahmed Abdalla Abdelmoaty *Cairo, Egypt*
B.E. Cairo University
M.S. American University in Cairo
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Noor Aly Abdelsamad *Ames, Iowa*
B. Cairo University
Department: Plant Pathology and
Microbiology
Major: Plant Pathology

Jesus A. Acosta Camargo *Bogota, Columbia*
Zoo.Tech Universidad Nacional de
Colombia
Department: Animal Science
Major: Animal Science
Thesis: Evaluating the ability of the NE
system to predict growth performance
and energy utilization of growing pigs

Talal Alshathry *Riyadh, Saudi Arabia*
B. King Saud University
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: A comparative framing analysis of
ISIL in the online coverage of CNN and
Al-Jazeera

Mostafa Amin-Naseri *Tehran, Iran*
B. Iran University of Science and
Technology
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Cognitive work analysis and
simulation (CWAS): Practical use of
cognitive work analysis in system design

Lily Claire Benner *Tuscola, Ill.*
B.S. University of Illinois-Urbana
Champaign
Department: Food Science and Human
Nutrition
Major: Food Science and Technology
Thesis: Sonic boom or bust? Application
of high-power ultrasound for fluid milk
processing

Venkata S Deepak Bitragunta *Tenali, India*
B.Tech. Nagarjuna University
Department: Computer Science
Major: Computer Science

Jeremy Ethan Bohrer *Erving, Mass.*
B.A. Macalester College
B.S. Fitchburg State College
Department: Mathematics
Major: Mathematics

Venkata Siva Kumar Bollu *Hyderabad, India*
B.E. Osmania University
Department: Supply Chain and Information
Systems
Major: Information Systems

Jessica Paige Bowden *Lagrange, Ga.*
B.S. Mississippi State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Rachel Elizabeth Brenner *Lake Mary, Fla.*
B.S. University of Florida
Department: Psychology
Major: Psychology
Thesis: Adjustment to the dissolution of
a romantic relationship: Effects of ex-
relationship specific thought content
valence

Riley James Brien *Ames, Iowa*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: Droplet actuator system for
molecular diagnostic applications

Randie Danielle Camp *Ames, Iowa*
B.S. Iowa State University
School: Education
Major: Education (Special Education)
Thesis: Perceptions of bibliotherapy: A
survey of undergraduate students

Xing Cao *Shanghai, China*
B.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: Hardware Trojan vulnerability

Abdulkadir Celik *Sivas, Turkey*
B.S. Selcuk University
M.S. Iowa State University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Pratik Chatterjee *Kolkata, India*
B.E. Visveswaraiah Technological University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Chao Chen *Ames, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Geotechnical
Engineering)
Thesis: Assessment of embankment
construction QC/QA procedures in Iowa

Chong Chen *Beijing, China*
B.S. Wuhan University
M.S. Beijing University
Department: Physics and Astronomy
Major: Condensed Matter Physics
Thesis: Ternary alloy material prediction
using genetic algorithm and cluster
expansion

Niechen Chen *Wuhan, China*
B.S. Huazhong University of Science and
Technology
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: The development and
implementation of a reverse engineering
method for near net shape parts

Zhao Cheng *Tianshui, China*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)
Thesis: Seismic performance of accelerated
bridge construction (ABC) precast bulb-
tee girder-to-bent cap connection

Hyungjoo Choi *Namyangju, South Korea*
B.S. Chosun University
M.S. University of Alabama in Huntsville
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Wentao Chu *Hefei, China*
B.A. Chongqing Normal University
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: A comparative framing analysis of
Edward Snowden's coverage in The New
York Times and People's Daily

Brandon Lamar Clark *Spokane, Wash.*
B.S. Iowa State University
Department: Business Administration
Major: Interdisciplinary Graduate Studies
Thesis: Racism in contemporary American
institutions: A critical, color-blind
discourse analysis of sport

§ Taylorann Kalin Clark *Leon, Iowa*
B.S. Iowa State University
Department: Agricultural Education and
Studies
Major: Agricultural Education
Thesis: Analyzing agricultural education
student teachers' critical thinking skills
through blogs in an online community of
practice

Christopher Orlan Cox *Ankeny, Iowa*
B.S. Iowa State University
Department: Mathematics
Major: Mathematics
Thesis: Ordered and partially-ordered
variants of Ramsey's theorem

Tamera Lynn Dandachi *Grand Blanc, Mich.*
B.A. University of Michigan-Flint
Department: Sociology
Major: Sociology
Thesis: The influence of gender ideologies
on individual knowledge construction
in the face of neoliberalism: The case of
mommy bloggers involved in the GMO
labeling movement

Ariele Rhiane Danie *Olathe, Kans.*
B.S. Kansas State University
Department: Agronomy
Major: Agricultural Meteorology
Thesis: Changes in extreme precipitation
events over the central United States in
AOGCM-driven regional climate model
simulations

Katy L. Darrah-Wiedemeier *Monmouth, Ill.*
B.S. Iowa State University
Department: Agronomy
Major: Crop Production and Physiology
Thesis: The physiological effects of the seed
treatment Stamina on maize seedling
length, ADP:O ratios, and respiration
rates

Evan Matthew Day *Plymouth, Minn.*
B.S. Iowa State University
Department: Kinesiology
Major: Kinesiology
Thesis: The effects of medial and lateral
wedges on iliotibial band strain during
overground running

Ligia De Oliveira Serrano *Vila Velha Es, Brazil*
Ag.Engr. Federal University of Vicosa
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: Hydrological impacts of
microwatersheds in the Des Moines Lobe

Marianne Lynn Emery *Sullivan, Mo.*
B.S. Truman State University
Department: Agronomy
Major: Plant Breeding
Thesis: Gametophytic cross-incompatibility
in maize: Resequencing the *Gal* locus

Davis A. Englund *Mattapoissett, Mass.*
B.S. University of Massachusetts-Boston
Department: Kinesiology
Major: Kinesiology
Thesis: Effects of high and low velocity
muscle contraction on myosin heavy
chain mRNA and protein expression in
conjunction with muscle performance in
the elderly

Jun Fang *Hangzhou, China*
B.S. Iowa State University
B.S. Iowa State University
Department: Economics
Major: Economics

Nicholas James Flies *Visalia, Calif.*
B.S. Iowa State University
Department: Agronomy
Major: Agronomy

Rubesh Ganesan *Namakka, India*
B.E. Anna University
Department: Materials Science and
Engineering
Major: Materials Science and Engineering
Thesis: Improving the quality of high alloy
CA6NM stainless steel castings

Taylor Clair Geppert *Kimball, S. Dak.*
B.S. South Dakota State University
Department: Animal Science
Major: Animal Physiology
Thesis: Effects of excess dietary protein on
ovarian function of beef cows

Sourajit Ghosh Dastidar *Kolkata, India*
B.Tech. West Bengal University of
Technology
Department: Computer Science
Major: Computer Science
Thesis: Model of distributed software devel-
opment using system dynamics

Kathrine Marie Ginapp *Garner, Iowa*
B.S. Iowa State University
Department: Apparel, Events, and
Hospitality Management
Major: Hospitality Management
Thesis: Meeting student expectations in a
quantity food production lab/simulated
restaurant environment

Amrita Goswamy *Kolkata, India*
B.Tech. West Bengal University of
Technology
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)
Thesis: Safety evaluation of roadway
segments provided with Safety Edge in
Iowa

Kody Lane Graves *Bowie, Tex.*
B.S. Texas Tech University
Department: Animal Science
Major: Animal Physiology
Thesis: Factors associated with puberty
onset and reproductive performance of
gilts

Garrett Taylor Hall *Island Lake, Ill.*
B.S. Iowa State University
School: Education
Major: Education
Thesis: Impact of historical science short
stories on students' attitudes and NOS
understanding

Hala Mohammad Hamadeh *Irbid, Jordan*
B. Yarmouk University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: Assessment of VLSI resources
requirement for a sliced trusted platform
module

Gang Han *Xi'an, China*
B.E. Northwest Agriculture and Forestry
University
M.S. Northwest Agriculture and Forestry
University
Department: Plant Pathology and
Microbiology
Major: Plant Pathology

Seth Aaron Hansen *Boone, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Geotechnical
Engineering)
Thesis: Engineering properties of saturated
and biogas desaturated sand

- Dan Hu *Chongqing, China*
 B.E. Peking University
 Department: Industrial and Manufacturing
 Systems Engineering
 Major: Industrial Engineering
 Thesis: Short-term scheduling of a
 combined natural gas and electric power
 system with wind energy
- Kuei-Pin Huang *Kaohsiung City, Taiwan*
 B.S. National Central University
 Department: Biomedical Sciences
 Major: Biomedical Sciences (Physiology)
 Thesis: Development of a
 radioimmunoassay for screening of prion
 diseases
- Cayla Jo Iske *Gretna, Neb.*
 B.S. University of Nebraska at Lincoln
 Department: Animal Science
 Major: Animal Science
 Thesis: Utilization of pork and pork by-
 products for nutritional and behavioral
 management of captive exotic felids
- †† Benjamin Paul Jacobson *Johnston, Iowa*
 B.S. Iowa State University
 Department: Industrial and Manufacturing
 Systems Engineering
 Major: Industrial Engineering
 Thesis: The efficient classroom: How
 team-based learning and lecture
 video acceleration affect the learning
 efficiency and effectiveness of a first-year
 engineering course
- Deserae Lou Jennings *Nevada, Iowa*
 B.S. Iowa State University
 Department: Geological and Atmospheric
 Sciences
 Major: Geology
 Thesis: Culturing benthic foraminifera
 to understand the effects of changing
 seawater chemistry and temperature on
 foraminiferal shell chemistry
- Satish Kumar R. Kancherla *Hyderabad, India*
 B.E. Osmania University
 Department: Supply Chain and Information
 Systems
 Major: Information Systems
- Sheetal Kaul *Jammu, India*
 B.E. University of Pune
 Department: Computer Science
 Major: Computer Science
 Thesis: Agenda detector: Labeling tweets
 with political policy agenda
- Esmaeil Keyvanshokoo *Birjand, Iran*
 Bach. K N Toosi University of Technology
 Master. Iran University of Science and Tech-
 nology
 Department: Industrial and Manufacturing
 Systems Engineering
 Major: Industrial Engineering
 Thesis: Hybrid robust and stochastic
 optimization for closed-loop supply chain
 network design using accelerated Benders
 decomposition
- Matthew McDonough Kieffer *Beaver Dam, Wis.*
 B.A. St. Olaf College
 M.Engr. Iowa State University
 Department: Mechanical Engineering
 Majors: Biorenewable Resources and
 Technology and Mechanical Engineering
 Thesis: Flex fuel polygeneration:
 Integrating renewable natural gas
- Danielle Mae Koski *Ames, Iowa*
 B.S. Hope College
 M.S. King's College London
 Department: Veterinary Microbiology and
 Preventive Medicine
 Major: Veterinary Microbiology
 Thesis: The complexity of infectious
 laryngotracheitis virus: A focus on
 vaccination and challenge viruses
- Lucas Adam Krueger *Menomonie, Wis.*
 B.S. California State University-Fresno
 Department: Animal Science
 Major: Nutritional Sciences
 Thesis: A characterization of health,
 immunity, and intestinal microbial
 colonization in neonatal Hostein
 calves fed pasteurized whole milk and
 challenged with *Mycobacterium avium*,
 subsp. *paratuberculosis*
- Safal Kshetri *Mc Lean, Va.*
 B.S.B.A.E. University of Idaho
 Department: Agricultural and Biosystems
 Engineering
 Major: Agricultural and Biosystems
 Engineering
 Thesis: Development of dielectric
 spectroscopic sensor for contaminant
 detection in a hydraulic fluid and a
 compressed air stream
- James Richard Lambeth *Houston, Tex.*
 B.S. Eastern Illinois University
 Department: Agronomy
 Major: Agronomy

Kelly Sue Lee *Carrollton, Mo.*
B.S. Iowa State University
B.S. Iowa State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Shuo Li *Henan, China*
B.A. Jiangxi University Traditional Chinese
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: A cross-national comparison of
news coverage of Michelle Obama's visit
to China in American and Chinese media

Chen Liang *Qingdao, China*
B.Med. Ocean University of China
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: A content analysis on features of
suspenseful commercials

Yuting Liao *Shanghai, China*
B.Mgmt. Donghua University
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: Extending the technology
acceptance model: An investigation
of factors affecting college students'
downloading of smartphone fitness
applications

Mauricio Franca Lila *Rio de Janeiro, Brazil*
Stat. University do Estado do Rio de Janeiro
Mestre. Escola Nacional de Ciencias
Estatisticas
Department: Statistics
Major: Statistics

Haoyuan Lin *Beijing, China*
B.E. Beijing Jiaotong University
M.E. Beijing University of Post and
Telecommunication
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Thesis: Foreign object detection (FOD)
using multi-class classifier with single
camera vs. distance map with stereo
configuration

Geyuan Liu *Hohhot, China*
B.S. Nankai University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Jiaming Liu *Shanghai, China*
B.S. Tongji University
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: Switched-compensation technique
in switched-capacitor circuits for
achieving fast settling performance

Leigh Ann Marie Long *Storm Lake, Iowa*
B.S. Iowa State University
Department: Natural Resources and Ecology
Management
Major: Sustainable Agriculture
Thesis: Impacts of riparian buffer vegetation
on soil quality physical parameters,
20-23 years after initial riparian buffer
establishment

Hang Lu *Huangshi, China*
B.S. Beijing Jiaotong University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
PEngineering
Thesis: Development of a robotic platform
for maize functional genomics research

†† Rui Lu *Sichuan, China*
B.S. Iowa State University
M.A. Columbia University-Columbia
College
Department: Economics
Major: Economics

Fangheyue Ma *Xi'an, China*
B.Laws Nanjing University
Department: Sociology
Major: Sociology
Thesis: Ready to say bad things about him
in front of his face?: A symbolic inter-
actionist study of private talks in public
places

Augusto César Magalhães de Souza *Muriae, Brazil*
Ag. Engr. Federal University of Vicosa
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems Engi-
neering
Thesis: Moisture content and bulk density
prediction using dielectric properties for
switchgrass and corn stover

Carlie Lynn Mander *Honey Creek, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Geotechnical
Engineering)

- Justin Cory Marschall Waukesha, Wis.
 B.A. Luther College
 Department: Psychology
 Major: Psychology
- § Rafael A. Martinez-Feria Mexico City, Mexico
 B.S. Monterrey Institute of Technology
 Department: Agronomy
 Majors: Sustainable Agriculture and Crop
 Production and Physiology
 Thesis: Suitability of winter canola
 (*Brassica napus*) for enhancing summer
 annual crop rotations in Iowa
- Jennifer Lynn Matthews Cape May Court House, N.J.
 B.A. Centenary College
 Department: Agricultural Education and
 Studies
 Major: Agricultural Education
- Dustin C. Mattson Westfield, Ind.
 B.S. Western Illinois University
 Department: Plant Pathology and
 Microbiology
 Major: Seed Technology and Business
- Ryan Glenn McCleish Urbandale, Iowa
 B.S. Iowa State University
 Department: Mechanical Engineering
 Major: Mechanical Engineering
 Thesis: Examination of the effects of
 external load, velocity, and center of
 gravity on weight estimation using a
 lifting linkage
- Brian J. McEvoy Central City, Iowa
 B.S. Iowa State University
 Department: Agricultural and Biosystems
 Engineering
 Major: Industrial and Agricultural
 Technology
 Thesis: Development of a specialty crop
 harvesting system
- †† Brady Michael McNeil Grand Mound, Iowa
 B.S. Iowa State University
 Department: Animal Science
 Major: Animal Breeding and Genetics
 Thesis: The use of an embedded
 microcomputer-based force plate system
 for accurate sow lameness identification
- Erin Elizabeth Meek Des Moines, Iowa
 B.A. Drake University
 Department: Sociology
 Major: Interdisciplinary Graduate Studies
 Thesis: The marriage division: A case study
 on clerical dissension in the United
 Methodist Church
- Ailing Mei Ames, Iowa
 B.S. Iowa State University
 Department: Electrical and Computer
 Engineering
 Major: Electrical Engineering
- Isaac Thomas Mertz Panora, Iowa
 B.S. Iowa State University
 Department: Horticulture
 Major: Horticulture
 Thesis: Evaluation of creeping bentgrass
 (*Agrostis stolonifera* L.) responses to an
 amino acid containing co-product
- Brian Andrew Miller Falls City, Neb.
 B.S. University of Nebraska at Lincoln
 Department: Agricultural Education and
 Studies
 Major: Agricultural Education
- Sean L. Mooney Galesburg, Ill.
 B.S. Clarke College
 Department: Computer Science
 Major: Computer Science
 Thesis: A unified design of capsules
- Miranda Marie Morris Marshalltown, Iowa
 B.S. William Woods University
 Department: Agricultural Education and
 Studies
 Major: Agricultural Education
- Zachary Lee Morris West Liberty, Iowa
 B.S. Iowa State University
 Department: Agricultural Education and
 Studies
 Major: Agricultural Education
- Watson Paul Mulder Marshalltown, Iowa
 B.S. Iowa State University
 Department: Electrical and Computer
 Engineering
 Major: Electrical Engineering
 Thesis: Study of electronic characteristics
 of heterojunction with intrinsic thin-
 layer devices and defect density profile
 of nanocrystalline silicon germanium
 devices
- Michael Mbindyo Munywoki Mombasa Coast, Kenya
 B.S. Kenyatta University
 M.S. Kenyatta University
 Department: Mathematics
 Major: Mathematics
 Thesis: The upper triangular algebra loop of
 degree 4

- Yoon Ho Nam *Seoul, South Korea*
 B.Ph.Ed. Yongin University
 Department: Kinesiology
 Major: Kinesiology
 Thesis: Evaluating the effect of SWITCH PE on physical activity and sedentary behavior in and out of physical education classes
- Mina Raymond Naguib Nashed *Cairo, Egypt*
 B.S. Ain Shams University
 M.S. Nile University
 Department: Electrical and Computer Engineering
 Major: Electrical Engineering
- § Camille Kelly Nelson *St. Augusta, Minn.*
 B.S. Iowa State University
 Department: Agricultural and Biosystems Engineering
 Major: Agricultural and Biosystems Engineering
 Thesis: Analysis of fractionation in corn-to-ethanol plants
- Khoi Duy Nguyen *Des Moines, Iowa*
 B.S. Iowa State University
 Department: Biochemistry, Biophysics and Molecular Biology
 Major: Biochemistry
 Thesis: Local vs. systemic modifications of soybean (*Glycine max*) defense signals in response to soybean aphid (*Aphis glycines* Matsumura) infestation
- Vy Ha Thuy Nguyen *Wichita, Kans.*
 B.S. Wichita State University
 Department: Chemistry
 Major: Analytical Chemistry
 Thesis: Scanning angle Raman spectroscopy in polymer thin film characterization
- § Amy Marie Oberfoell *Cedar Rapids, Iowa*
 B.A. Culver-Stockton College
 School: Education
 Major: Education (Curriculum and Instructional Technology)
 Thesis: Understanding the role of the modality principle in multimedia learning environments
- Ragavi Pala Janardhan *Chennai, India*
 B.Tech. Anna University
 Department: Computer Science
 Major: Computer Science
- Ann Susan Predgen *Ames, Iowa*
 B.S. University of California-Davis
 M.P.S. Cornell University
 D.V.M. Michigan State University
 Department: Veterinary Pathology
 Major: Veterinary Pathology
- Aaron P. Prestemon *Waukon, Iowa*
 B.S. Iowa State University
 Department: Agronomy
 Major: Agronomy
- Anirudh Pallela *Visakhapatnam, India*
 B.Tech. Jawaharlal Nehru Technological University
 Department: Electrical and Computer Engineering
 Major: Computer Engineering
 Thesis: CPS security testbed federation: Architectural design, implementation and evaluation
- Juan Carlos Quezada *Santiago de Guayaquil, Ecuador*
 Ingr.Ag. Escuela Agricola Panamericana
 Department: Agronomy
 Major: Crop Production and Physiology
 Thesis: Biosynthetically produced amino acid byproducts can replace nitrogen fertilizers for corn production
- Manisha Rayanchu *Hyderabad, India*
 B.E. Birla Institute of Technology & Science
 M.S. Birla Institute of Technology & Science
 Department: Computer Science
 Major: Computer Science
- Kelsey B. Regan *Davenport, Iowa*
 B.S. Iowa State University
 Departments: Agricultural and Biosystems Engineering and Sustainable Agriculture
 Majors: Agricultural and Biosystems Engineering and Sustainable Agriculture
 Thesis: Optimizing the value of manure nutrients through testing and treatment
- Somchai Rice *Clear Lake, Iowa*
 B.S. Iowa State University
 Department: Agricultural and Biosystems Engineering
 Major: Toxicology
 Thesis: Investigating the aroma of marijuana, cocaine, and heroin for forensic applications using simultaneous multidimensional gas chromatography-mass spectrometry olfactometry
- Aaron Michael Rodriguez *Maple Grove, Minn.*
 B.A. University of St. Thomas
 Department: Mathematics
 Major: Applied Mathematics
 Thesis: Estimating the number of covering relations in a formal concept lattice

Hanna Teresa Rosman *Harlan, Iowa*
B.A. University of Iowa
Department: Sociology
Majors: Sociology and Sustainable
Agriculture
Thesis: The farmer and farm networks: An
examination of conservation adoption in
the U.S. Corn Belt

Titus Kipkemei Rotich *Kapsabet, Kenya*
B.S. Benedict College
Department: Electrical and Computer
Engineering
Major: Electrical Engineering

Marcus Todd Rowe *Florence, S.C.*
B.S. North Carolina State Univ-Raleigh
Department: Agronomy
Major: Seed Technology and Business

Megan Elizabeth Ryan *Grimes, Iowa*
B.S. Iowa State University
Department: Agronomy
Major: Plant Breeding

Venkata Krishna Sangeetha *Hyderabad, India*
B.Tech. Jawaharlal Nehru Technological
University
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Thesis: Novel approach to FM-based device
free passive indoor localization through
neural networks

Lara Ann Schenck *New Market, Iowa*
B.S. Northwest Missouri State University
Department: Agronomy
Major: Soil Science (Soil Management)
Thesis: Winter rye cover crop effect on corn
seedling pathogens

Jennifer Anne Schultz *Des Moines, Iowa*
B.A. University of Iowa
Department: Food Science and Human
Nutrition
Major: Nutritional Sciences
Thesis: Community-based nutrition
education: Documentation and evaluation
of effectiveness

Qianqian Shan *Zhengzhou, China*
B.S. Zhengzhou University
Department: Physics and Astronomy
Major: Condensed Matter Physics

Weibin Shen *Guangzhou, China*
B.E. South China Agricultural University
Department: Civil, Construction and Envi-
ronmental Engineering
Major: Civil Engineering (Environmental
Engineering)
Thesis: Life cycle assessment of heated
airfield pavement system for snow
removal

Fugang Sheng *Ames, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Transportation
Engineering)

Jessica Marie Short *Ankeny, Iowa*
B.S. Iowa State University
B.S. Iowa State University
Department: Statistics
Major: Statistics

Paul L. Sim *Omaha, Neb.*
B.S. University of Nebraska-Omaha
M.A.E. University of Nebraska-Omaha
Department: Industrial and Manufacturing
Systems Engineering
Major: Human Computer Interaction

Akanksha Singh *Greater Noida, India*
B.Tech. Srm University
Department: Electrical and Computer
Engineering
Major: Computer Engineering

Andrew John Stammer *Rochester, Minn.*
B.S. Iowa State University
Department: Agronomy
Major: Soil Science (Soil Fertility)
Thesis: Plant tissue analysis to assess
phosphorus and potassium nutritional
status of corn and soybean in Iowa

Owen Wilhelm Steffens *Henderson, Iowa*
B.S. Iowa State University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Structural
Engineering)

Spurty Surapaneni *Los Angeles, Calif.*
B.A. University of California-Riverside
Department: Psychology
Major: Psychology
Thesis: Psychological distress and attitudes
toward seeking help for personal and
career counseling: The contributions of
public and self-stigma

Colby Brooks Taber *Abingdon, Ill.*
B.S. Iowa State University
Department: Agricultural Education and
Studies
Major: Agricultural Education

Terigele *Huhhot, China*
B.S. Central University of Finance and
Economics
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: The effect of media system
diversity on intercultural communication
competence under one-way media flow

Diana Lynn Thatcher *Ames, Iowa*
B.S. Iowa State University
Department: Geological and Atmospheric
Sciences
Majors: Geology and Environmental Science
Thesis: Developing a decadal-scale
stalagmite record of hydroclimate and
atmospheric variability for western Iberia
(Portugal) during the Late Holocene

Derrick Vaughn *Lafayette, Ind.*
B.S. University of Miami
Department: Geological and Atmospheric
Sciences
Major: Geology
Thesis: Marine Isotope Stage (MIS) 5 on the
Umnak Plateau, Bering Sea (IODP Site
U1339): Diatom taxonomy, grain size and
isotopic composition of marine sediments
as proxies for primary productivity and
sea ice extent

Varun Kumhar Venkatesan *Coimbatore, India*
B.E. Anna University
Department: Electrical and Computer
Engineering
Major: Computer Engineering
Thesis: Dynamic data shapers optimize
performance in Dynamic Binary
Optimization (DBO) environment

Shruthi Venkatesh *Chennai, India*
B.Tech. Sastra University
Department: Civil, Construction and
Environmental Engineering
Major: Civil Engineering (Environmental
Engineering)

Abhinav Gupta Vinnakota *Visakhapatnam, India*
B.Tech. Gitam University
Department: Computer Science
Major: Computer Science
Thesis: Web service platform to provide
access to maize diversity data

Mothi Bharath Viswanathan *Thirupporur, India*
B.Tech. Anna University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: Technoeconomic analysis of
fermentative-catalytic biorefineries:
Model improvement and rules of thumb

Jamiahus Walton *Peoria, Ill.*
B.S. Millikin University
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Comparing team feedback in a team
multiple errands test

Xin Wang *Beijing, China*
B.E. China University of Mining and
Technology
M. Engr. China University of Mining and
Technology
Department: Industrial and Manufacturing
Systems Engineering
Major: Industrial Engineering
Thesis: Study of team building exercise
based on 3D game

Yixian Wang *Nanjing, China*
B.S. Nanjing University of Technology
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Crack separation mechanism
in CO₂ laser machining of thick
Polycrystalline Cubic Nitride (PCBN) tool
blanks

Matthew Scott Weidman *Naperville, Ill.*
B.S. Iowa State University
Departments: Electrical and Computer
Engineering and Information Assurance
Majors: Computer Engineering and
Information Assurance

Thomas Joseph Wilde *Austin, Tex.*
B.S. Texas A&M University
Department: Mechanical Engineering
Major: Mechanical Engineering
Thesis: Parametric investigation of the
mechanics of soft-body contact with
parallel-ridge textured surfaces to
understand tactile friction

Isabelle C. Withrock *Wichita, Kans.*
B.S. Kansas State University
Department: Biomedical Sciences
Major: Biomedical Sciences (Physiology)
Thesis: The use of carbon dioxide (CO₂) as
an alternative euthanasia method for goat
kids

Rachael Elaine Woods *West Des Moines, Iowa*
B.S. Drake University
Department: Agronomy
Major: Agronomy

Mengqi Wu *Shenzhen, China*
B.A. Shenzhen University
School: Journalism and Mass
Communication
Majors: Journalism and Mass
Communication and Human Computer
Interaction
Thesis: Hybrid user perception model:
Comparing users' perceptions toward
collaborative, content-based, and hybrid
recommender systems

Yijia Xu *Shanghai, China*
B.E. Shanghai University of Engineering
Science
Department: Computer Science
Major: Computer Science
Thesis: Towards DO-178C compatible tool
design

Clinton Wen-Chieh Young *Marion, Iowa*
B.S. Iowa State University
Department: Electrical and Computer Engi-
neering
Major: Electrical Engineering
Thesis: MEMS graphene strain sensor

Congmu Zhang *Kunming, China*
B.E. Fuzhou University
Department: Agricultural and Biosystems
Engineering
Major: Agricultural and Biosystems
Engineering
Thesis: Analysis and modeling of
agricultural processing with regard
to grain post-harvest handling and
winemaking

Lianshan Zhang *Xi'an, China*
B.A. Xi'an International Studies University
School: Journalism and Mass
Communication
Major: Journalism and Mass
Communication
Thesis: Publics' emotional responses
expressed in different clusters of
corporate crises

Ning Zhang *Beijing, China*
B.S. Iowa State University
Department: Geological and Atmospheric
Sciences
Major: Geology
Thesis: Natural fracture systems in Mowry
Shale outcrops, Bighorn Basin, Wyoming

Zhen Zhang *Hohhot, China*
B.S. Beijing University of Post and
Telecommunication
Department: Electrical and Computer
Engineering
Major: Electrical Engineering
Thesis: Comparison between single band
and concurrent multi-band linear power
amplifiers

Martha Reye Zwonitzer *Lubbock, Tex.*
B.S. University of Arkansas
Department: Agricultural and Biosystems
Engineering
Major: Environmental Science
Thesis: Exploring the relationship between
attachment and antibiotic resistance of
Escherichia coli from swine manure

MASTER OF URBAN DESIGN

Derek Gene Silverthorn *Winterset, Iowa*
B.S. Iowa State University
Department: Community and Regional
Planning
Major: Urban Design

CANDIDATES FOR DEGREES FROM THE COLLEGE OF AGRICULTURE AND LIFE SCIENCES

BACHELOR OF SCIENCE

Curriculum in Agricultural and Life Sciences Education

Heidi Marie Andresen	<i>De Witt, Iowa</i>	Alyssa Ann Gagnon	<i>Clear Lake, Iowa</i>
Sophia Joan Benjegerdes	<i>Mason City, Iowa</i>		

Curriculum in Agricultural Business

Justin Thomas Flood	<i>Greenwood, Minn.</i>	Seth Rand Pitkin	<i>Johnston, Iowa</i>
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Curriculum in Agricultural Studies

Joseph Daniel Boots	<i>Pella, Iowa</i>	Derrick Henry Schulte	<i>Watkins, Iowa</i>
Joshua James Crouch	<i>Webster City, Iowa</i>	Justin R. Severseike	<i>Story City, Iowa</i>
Brandon Doyle	<i>Chelsea, Iowa</i>	Justin Michael Stumpf	<i>Otho, Iowa</i>
William James Grage	<i>Perry, Iowa</i>	Tanner Allen Stutsman	<i>Hills, Iowa</i>
Travis James Johnson	<i>Winthrop, Iowa</i>	Corbin Micheal Uitermarkt	<i>Davenport, Iowa</i>
Dustin Joseph Keninger	<i>Iowa Falls, Iowa</i>	Tyler D. Wagner	<i>Castalia, Iowa</i>
Brett E. Mulder	<i>Parkersburg, Iowa</i>	Adam James Wauters	<i>Elberon, Iowa</i>
Nicholas Lynn Roghair	<i>Royal, Iowa</i>	Jessica Rose Zmolek	<i>West Branch, Iowa</i>

Curriculum in Agricultural Systems Technology

Jeffrey Bowman	<i>Bartlett, Ill.</i>	Samuel Marcus Stecker	<i>West Liberty, Iowa</i>
Gage Vanden Fiscus	<i>Union, Iowa</i>	Austin Ryan Teeling	<i>Sumner, Iowa</i>

Curriculum in Agronomy

Tyler Michael Bruck	<i>Manilla, Iowa</i>	Karsten Kyle Meyer	<i>Readlyn, Iowa</i>
Joshua Robert Bruett	<i>Winterset, Iowa</i>		

Curriculum in Animal Ecology

Amy Frances Berg	<i>Iowa City, Iowa</i>	Alixandra Jean Moews	<i>Keosauqua, Iowa</i>
Natasha Selene Bures	<i>Des Moines, Iowa</i>	**† John W. Nevill	<i>Maroa, Ill.</i>
Alexander X. Courtney	<i>Farmingdale, N.J.</i>	Carly Doana Otto	<i>West Salem, Wis.</i>
Kayla Ruth Cox	<i>Newton, Iowa</i>	Madison Marie Schmitz	<i>Hiawatha, Iowa</i>
* Timothy Aaron Degroot	<i>Sioux Falls, S. Dak.</i>	Joshua Ray Simmons	<i>Fairfield, Iowa</i>
Taylor Renee Gutierrez	<i>Clinton, Iowa</i>	Tressa Elizabeth Steuber	<i>Johnston, Iowa</i>
Alyssa Kaitlin Jahnke	<i>Farmington, Minn.</i>	Jay Thomas Walsh	<i>Bondurant, Iowa</i>
Angela M. Kunkel	<i>Moville, Iowa</i>		

Curriculum in Animal Science

Caitlin Grace Brown	<i>Ellsworth, Iowa</i>	Nicole J. Person	<i>Lone Rock, Iowa</i>
Melissa Anne Culbertson	<i>Sioux City, Iowa</i>	Meredith Marie Puls	<i>Jewell, Iowa</i>
Amanda Julia Janisch	<i>Chicago, Ill.</i>	** Zachary C. Sauer	<i>McGregor, Iowa</i>
Lauren Jane Koepp	<i>Auburn, Ind.</i>	Rudy She	<i>Hong Kong, China</i>
Jenna Ann Malecek	<i>Osage, Iowa</i>	Abbey Linnea Smith	<i>Adel, Iowa</i>
Cassidy A. Moses	<i>Woodward, Iowa</i>	Sarah Jane Stevens	<i>Mondamin, Iowa</i>
**† John W. Nevill	<i>Maroa, Ill.</i>		

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

Curriculum in Biology

Brett Michael Burke	Sioux City, Iowa	Madison Rae Vanata	Geneva, Ill.
Jordan Marie Peterson	Sioux City, Iowa		

Curriculum in Food Science

Taylor Murray Becker	Carol Stream, Ill.	** Brett A. Boulden	Geneva, Ill.
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Curriculum in Forestry

*Cody James Briggs Griffin Nevada, Iowa

Curriculum in Genetics

Alexander J. Lenvik	Savage, Minn.
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Curriculum in Global Resource Systems

**† Neil Bernard Gerstein	Ames, Iowa	Trisha Joy Nielsen	Rock Valley, Iowa
Abigail Bridget Green	West Des Moines, Iowa	Gerrit Ryan Vandenberg	Gilbert, Iowa

Curriculum in Horticulture

Andrew James Corbett	Pella, Iowa	Matthew Michael Porter	Spanish Fork, Utah
* James Vincent Nesbit	Des Moines, Iowa		

Curriculum in Industrial Technology

Gage Vanden Fiscus	Union, Iowa	Stuart Merlin Johnson	New Richmond, Wis.
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Curriculum in Insect Science

* Kristin Ann Bernhardt Ankeny, Iowa

Curriculum in Microbiology

Cameron Jay Helterbran	West Point, Iowa	Alexander Matthew Jurenka	Ames, Iowa
Kara Christine Helterbran	West Point, Iowa	Mason Henry Leigh	Buffalo Grove, Ill.
Mark Redick Holcombe	Shakopee, Minn.		

Curriculum in Public Service and Administration in Agriculture

Ryan Joseph Brosnahan	Logan, Iowa
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Multiple Curricula and Majors

Miah Ashley Blomquist	Eau Claire, Wis.	Amber Elese Haritos	Chicago, Ill.
Genetics and Microbiology		Public Service and Administration in	
		Agriculture and Animal Ecology	
Tyler Jay Clasing	Ruthven, Iowa	Olivia Nicole LaGrange	Cedar Rapids, Iowa
Agricultural Business and Liberal Arts and		Biology and Environmental Science	
Sciences: Major in Economics			
** Erik Stephen Day	Davenport, Iowa		
Environmental Science and Liberal Arts and			
Sciences: Major in Geology			

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF BUSINESS

BACHELOR OF SCIENCE

Major in Accounting

* Zhizhong Ding	<i>Lianyungang, China</i>	Alex William Miller	<i>Boone, Iowa</i>
Yi Feng	<i>Beijing, China</i>	Chelsea Morgan Pace	<i>Johnston, Iowa</i>
Sichen Heng	<i>Qingdao, China</i>	Linsey K. Pezley	<i>Pella, Iowa</i>
Kristina Mae Kaiser	<i>Milford, Iowa</i>	Jack Henry Raibikis	<i>Des Moines, Iowa</i>
Qiwen Liu	<i>Nanjing, China</i>	**† Tracy Lynne Robinson	<i>Bedford, Iowa</i>
Mingying Lu	<i>Wenzhou, China</i>	Xingru Shi	<i>Hangzhou, China</i>
Shante Marquis Malone	<i>Dallas, Tex.</i>	Siwen Yuan	<i>Xi'an, China</i>
Kira Marie McMullen	<i>Treynor, Iowa</i>		

Major in Business Economics

Robert William Simons *Overland Park, Kans.*

Major in Finance

Nathan John Buss	<i>Ames, Iowa</i>	Courtney Jo Schultz	<i>Ankeny, Iowa</i>
Rui Chen	<i>Shanxi, China</i>	Megan Meredith Simms	<i>Prole, Iowa</i>
Brian Thomas Freda	<i>Saint Charles, Ill.</i>	Marc Robert Stodola	<i>Johnston, Iowa</i>
Lele Huang Jr.	<i>Shanghai, China</i>	Amardeep Singh Tiwana	<i>Ampang, Malaysia</i>
Xingweilin Ji	<i>Mianzhu, China</i>	Sadie Kay Winter	<i>Estherville, Iowa</i>
Rachel Jean Julian	<i>Sutherland, Iowa</i>	Wanchao Yuan	<i>Chengdu, China</i>
Xiangqiong Liu	<i>Changsha, China</i>	Ting Zhang	<i>Beijing, China</i>
Mingying Lu	<i>Wenzhou, China</i>	Jian Zhou	<i>Suzhou, China</i>
Katelyn Renae McMurray	<i>Ackley, Iowa</i>	Qinqin Zhu	<i>Suzhou, China</i>
Cameron R. Ostrowski	<i>Elgin, Ill.</i>		
James David Rhodes	<i>Corydon, Iowa</i>		

Major in Management

Kimberly L. Bearbower	<i>Waterloo, Iowa</i>	Presha S. Kardile	<i>Nashik, India</i>
James Joseph Brady V	<i>Peru, Ill.</i>	Samuel Jon Peters	<i>Fort Dodge, Iowa</i>
* Austin Benjamin David	<i>Eddyville, Iowa</i>	Megan N. Porter	<i>Thurman, Iowa</i>
Oswaldo Andres Gonzalez	<i>Rio Piedras, Puerto Rico</i>	Cassandra N. Stephenson	<i>Lorimor, Iowa</i>
Nnamdi Carlton Igbokwe	<i>Des Moines, Iowa</i>	Evan Richard Williams	<i>South Elgin, Ill.</i>
		Ryan Wuehr	<i>Ankeny, Iowa</i>

Major in Management Information Systems

Eduardo Acosta	<i>Des Moines, Iowa</i>	Han Xian Oon	<i>Petaling Jaya, Malaysia</i>
Seth Justin Johnson	<i>Story City, Iowa</i>	Pawel D. Szczepanczyk	<i>Northbrook, Ill.</i>
Qiwen Liu	<i>Nanjing, China</i>	Chelsea JoLynn Wallace	<i>Bondurant, Iowa</i>
* Norfarah'Ain Mat Ibrahim	<i>Batu Pahat, Malaysia</i>		

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

Major in Marketing

Kyle James Beaton *Eden Prairie, Minn.*
Adam J. Daugherty-Stegner *Cary, Ill.*
Margaret Joyce Denning *Ankeny, Iowa*
Scott W. Fernandez Salmon *Granada, Spain*
Stephanie Rivers Finney *Ankeny, Iowa*
Tyler W. Fleming *Maple Grove, Minn.*
Michaela Rae Gebauer *Sioux Falls, S. Dak.*
Sarah Michele Hoffman *Urbandale, Iowa*
Brianna Lin Hudson *Carroll, Iowa*

Erin L. Kinen *Council Bluffs, Iowa*
William Michael Lomax *Cottage Grove, Minn.*
Alex James Potter *Waterloo, Iowa*
Colton William Sievers *Packwood, Iowa*
Damien W. Smith *Lansing, Ill.*
Alex Richard Van Gundy *Des Moines, Iowa*
Cole Nicholas Warner *Altoona, Iowa*

Major in Supply Chain Management

Melody Rae Clabaugh *Duncombe, Iowa*
Brian Christopher Crouse *Ames, Iowa*
Kessehu-Usert Jacquelyn-Ciera James
West Des Moines, Iowa

Collin James McCarthy *Hawthorn Woods, Ill.*
Curtis E. Rozenboom *Pella, Iowa*

Multiple Curricula and Majors

Feng Guo *Chengdu, China*
*Finance and Management Information
Systems*

Mitchell D. Miller *Rochester, Minn.*
*Supply Chain Management and International
Business*

Tiffany Sue Hoth *Sumner, Iowa*
Management and Marketing

Ryan Michael Smith *Cedar Rapids, Iowa*
Finance and Management

Austin Riley Mangels *Ankeny, Iowa*
Supply Chain Management and Marketing

* Emily Noel Young *Des Moines, Iowa*
Finance and International Business

Connor John McLaughlin *Colfax, Iowa*
Marketing and Management

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF DESIGN

BACHELOR OF ARCHITECTURE

Curriculum in Architecture

* Rachel Ann Johnson Eagan, Minn.

BACHELOR OF ARTS

Curriculum in Art and Design

Lynne Elizabeth Reiter Garner, Iowa

BACHELOR OF DESIGN

Curriculum in Design

Codi S. Anderson Forest City, Iowa
Manas Chimpidi Davenport, Iowa
Russell Tyler Minks Copley Ames, Iowa

* Gabriel Esquivel West Liberty, Iowa
Luis Lopez Santa Maria, Calif.
Brooke Christine Ugolini Polk City, Iowa

BACHELOR OF FINE ARTS

Curriculum in Graphic Design

Peter Steven Carlson Elgin, Iowa
Raquel Castro Denton, Tex.
Temesgen Alemu Fekadu Minneapolis, Minn.

Karen Elizabeth Henderson Minburn, Iowa
Benjamin David McIntosh Des Moines, Iowa

Curriculum in Integrated Studio Arts

Reed Daniel Siems Granger, Iowa

Curriculum in Interior Design

Alyssa Jo Killin West Des Moines, Iowa
Sally Jo Sheimo Forest City, Iowa

John Bertram Woolfrey Minnetonka, Minn.

BACHELOR OF INDUSTRIAL DESIGN

Curriculum in Industrial Design

Ryan Loam Rassasombath Oskaloosa, Iowa

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

BACHELOR OF LANDSCAPE ARCHITECTURE

Curriculum in Landscape Architecture

Lucas Allen Buscher *Des Moines, Iowa*

BACHELOR OF SCIENCE

Curriculum in Community and Regional Planning

Eric Michael Dougherty *Naperville, Ill.* Aldo F. Rodriguez *Maurice, Iowa*
Aaron Robert Koethe *Urbandale, Iowa*

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF ENGINEERING

BACHELOR OF SCIENCE

Curriculum in Aerospace Engineering

Steven C. Colby *Marion, Iowa*

Curriculum in Agricultural Engineering

Easten James Lovelace *Grand Mound, Iowa*

Curriculum in Chemical Engineering

* Jessica Anne Bangen	<i>Plymouth, Minn.</i>	Hannes Reinot	<i>Ames, Iowa</i>
* Caitlyn Renae Herndon	<i>Cedar Rapids, Iowa</i>	** Grace Catherine Ricker	<i>Hanover, Minn.</i>
Mitchell Bruce Irlmeier	<i>Templeton, Iowa</i>	** Natalia Rodriguez Quiroz	<i>Bogota, Colombia</i>
Adam Emerson Lasswell	<i>Urbandale, Iowa</i>	Johanna Elaine Schnoor	<i>Altoona, Iowa</i>
Soo Kyung Lee	<i>Seoul, South Korea</i>	Audrey Elizabeth Wallace	<i>Geneseo, Ill.</i>

Curriculum in Civil Engineering

Paul Francis Bestick	<i>Cedar Rapids, Iowa</i>	Aaron Wayne Paulsen	<i>Salix, Iowa</i>
* Hongyi Chen	<i>Chengdu, China</i>	Parker Logan Ridgway	<i>West Des Moines, Iowa</i>
Kelly M. Henrichs	<i>St. Peter, Minn.</i>	Jack Lawrence Riesenber	<i>West Bend, Iowa</i>
** Mark Terzaghi Howe	<i>Montrose, Colo.</i>		

Curriculum in Computer Engineering

Karl P. Akert	<i>Milwaukee, Wis.</i>	Yiqun Shi	<i>Beijing, China</i>
Haoyu Liu	<i>Zhengzhou, China</i>	Mitch L. Valenta	<i>Cedar Rapids, Iowa</i>
Haitham Hazem Qamhiyeh	<i>Nablus, Palestine</i>	* Daniel Robert Whitford	<i>Rochester, Minn.</i>

Curriculum in Construction Engineering

Kelly M. Henrichs	<i>St. Peter, Minn.</i>	Brandon A. Smrz	<i>Chicago, Ill.</i>
Jenna Leigh Koelker	<i>Dyersville, Iowa</i>	Levi Richard Stevenson	<i>Cascade, Iowa</i>

Curriculum in Electrical Engineering

Austin Andrew Adam	<i>Richland, Iowa</i>	Dustin Ray Pierce	<i>Marion, Iowa</i>
Yishu Mei	<i>Chengdu, China</i>	Zhongheng Wang	<i>Beijing, China</i>

Curriculum in Industrial Engineering

Abhishek Aggarwal	<i>Delhi, India</i>	Aaron Jonathan Peterson	<i>Eagan, Minn.</i>
Abdullah J. Y. A. Alsultan	<i>Kuwait</i>	Zhonglun Wang	<i>Harbin, China</i>
Emilie Marie Kaufmann	<i>Muscatine, Iowa</i>	Dominique Devante Western	<i>Waterloo, Iowa</i>

Curriculum in Materials Engineering

Khalid Hassan Alamri	<i>Dhahran, Saudi Arabia</i>	Yanhua Huang	<i>Jinan, China</i>
Andres Phillip Glasener	<i>Washington, D.C.</i>	Travis Michael Norton	<i>Lenexa, Kans.</i>

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

Curriculum in Mechanical Engineering

Brianne Alise Ackerman	Marion, Iowa	** Vincent Boon Lee	Nilai, Malaysia
Azzam Abdulaziz Alnasser	Jubail, Saudi Arabia	Eugene Eu Jun Leong	Puchong, Malaysia
Joseph Cambridge Borts	Colfax, Iowa	Mansour Ahmad Manci	Nevada, Iowa
Elliott Nicholas Carlson	Mount Pleasant, Iowa	Theodore Joseph Marth	Chicago, Ill.
Steven P. Carstens	Waterville, Iowa	Joshua William Meyer	Otley, Iowa
Norhafizah Che Haider	Kuantan, Malaysia	Dakota Wayne Morgan	Corydon, Iowa
Lindsay C. Coons	Greenwood Village, Colo.	Aaron Jeffrey Oltmann	Cedar Falls, Iowa
** Jordan Thomas Firnbach	Roscoe, Ill.	Andrea Renee Osberghaus	River Falls, Wis.
Andrew Philip Fish	Ames, Iowa	* Yinyu Pei	Dalian, China
Andrew Alan Grossman	Minnetonka, Minn.	Dean Anthony Piscopo	Lake Zurich, Ill.
Eric Steven Havran	Norway, Iowa	Jeremy Sean Price	Eden Prairie, Minn.
Muhamad Hanif Hazemi	Alor Setar, Malaysia	Jonathan Christian Pulse	Fort Wayne, Ind.
Ryan Michael Kelly	Arlington Heights, Ill.	Timothy Jacob Rourk	West Des Moines, Iowa
Bradley Allen Koester	Ankeny, Iowa	Daniel Randolph Scott	Cary, Ill.
Adam Robert Kohl	Slinger, Wis.	Garrett Paul Simpson	Norwalk, Iowa
Peter Wilhelm Korff	Omaha, Neb.	Jacob David Smith	Winterset, Iowa
Nicholas William Kron	West Des Moines, Iowa	Rachel Lee Steingas	Woodbury, Minn.
		Shengyang Wang	Dongging, China
		Mitchell Julius Wittman	Greeley, Iowa
		Matthew John Wyatt	Wilton, Iowa

Multiple Curricula and Majors

Napat Larnroongroj Bangkok, Thailand
*Industrial Engineering and Business: Major in
Supply Chain Management*

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF HUMAN SCIENCES

BACHELOR OF SCIENCE

Curriculum in Apparel, Merchandising, and Design

Abby Nicole Beuse	West Des Moines, Iowa	Kessehu-Usert Jacquelyn-Ciera James	West Des Moines, Iowa
Margaret J. Cihlar	Milford, Iowa	Elizabeth Grace Joyce	Eagan, Minn.
Lauren Elizabeth Konzett	West Des Moines, Iowa	* Claire Alexandra Kean	Cedar Rapids, Iowa
Kaylee Cranston	Morris, Ill.	Elise Anne Kretzinger	Johnston, Iowa
* Anna Elizabeth Dencklau	Fort Dodge, Iowa	Katherine Mae Maxwell	Moscow, Iowa
Taylor Raelynn Derby	Marion, Iowa	Katelynn Ann McAlister	Burlington, Iowa
Tram Dinh	Sioux City, Iowa	Marissa Anne McCall	Ankeny, Iowa
Anne Elizabeth Engelhardt	West Des Moines, Iowa	Brooke Lauren McFarland	West Des Moines, Iowa
Kristen Lauren Enger	Albert Lea, Minn.	Kristen Kay Poort	Malvern, Iowa
Aryana Marlene Gathings	Apple Valley, Minn.	* Nicole Lee Putz	Indianola, Iowa
Christina Franziska Greiner	Berlin, Germany	Ashlin Marie Riley	Iowa City, Iowa
Ashlee Marie Hammer	Urbandale, Iowa	Jennifer Nicole Shives	Ames, Iowa
Brianna Lin Hudson	Carroll, Iowa	Sanah Aaliya Siddiqui	Dix Hills, N.Y.
Ciera L. Iwen	Sioux City, Iowa	Andrea Cristina Tate	Ames, Iowa
		Yesica Valdovinos	Sioux City, Iowa

Curriculum in Athletic Training

Alexandra Nicole Fruetel	South St. Paul, Minn.	*Nicholas Daniel Statz	Boone, Iowa
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Curriculum in Child, Adult, and Family Services

Cali Nicole Andersen	Harlan, Iowa	** Ashley Nicole Holding	Eagle Grove, Iowa
** Maria R. Banuelos	Osceola, Iowa	Kadyn C. Hutchinson	Jefferson, Iowa
Emily Kay Ann Baughman	Newell, Iowa	Madison T. Jones	San Diego, Calif.
Kalli Renee Beardsley	Panora, Iowa	Ashlie Lynn Justice	Postville, Iowa
** Kalli Ann Marie Bowers	Ankeny, Iowa	Katrina Kay Klyn	Grimes, Iowa
*** Tess Alexandra Brawe	Massena, Iowa	Amelia Joyce Krienert	Sioux City, Iowa
Allison Eckert Bush	Davenport, Iowa	Katie J. Lamaak	Lake View, Iowa
Megan Lynn Byson	Barnum, Iowa	McKinzie Gayle Ludwig	Monticello, Iowa
* Lucila Del Carmen Cabezas	Des Moines, Iowa	Mattie Liesje McDowell	Cedar Rapids, Iowa
** Alisha Kathryn Carlson	Stratford, Iowa	Breanna Jean Morman	Dawson, Iowa
Barbara Jean Christensen	Carter Lake, Iowa	Elizabeth M. Neuhaus	Farley, Iowa
*** Tiffany Marie Daly	South Barrington, Ill.	Rachel Lynne Nulle	Manning, Iowa
Beth Shea Davis	De Witt, Iowa	Elizabeth Marie Price	Fort Dodge, Iowa
Brittany Lynn Duit	Nevada, Iowa	Payton Christine Reason	Okoboji, Iowa
Hamid M. Elshareif	Ames, Iowa	* Ashley Marie Schaben	Council Bluffs, Iowa
* Ashley Kay Ezzio	Des Moines, Iowa	Jade Austin Schroder	Fort Dodge, Iowa
Jaclyn Marie Foreman	Alton, Iowa	** Alexandra Renee Schuver	Alton, Iowa
Kenia Yolave Fountain	Bernville, Pa.	Mallory Nicole Smith	Des Moines, Iowa
Kaitlyn Ann Fox	Fort Dodge, Iowa	Hailey J. Stirm	Coralville, Iowa
Taylor Marie Friedrichs	Eden Prairie, Minn.	** Danielle C. Stockwell	Elk Horn, Iowa
Bethany Jo Goodman	Clearfield, Iowa	Allison Marie Watters	Nevada, Iowa
Alison Michelle Helmer	Chanhassen, Minn.	Brooke Jean Woods	Nevada, Iowa
Hayley Anne Henderson	Geneseo, Ill.	* Fan Zhang	Ames, Iowa

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

Curriculum in Elementary Education

Emma Lee Rinehart *Sioux Rapids, Iowa*

Curriculum in Event Management

Emory E. Ballhagen	<i>Parkersburg, Iowa</i>	Kathleen Mary Maciel	<i>San Mateo, Calif.</i>
Emily Jeanne Fairbairn	<i>Pewaukee, Wis.</i>	Delores ShyAnn Nickell	<i>Allerton, Iowa</i>
* Tayler Danielle Johnson	<i>West Burlington, Iowa</i>	Hannah Marie Ross	<i>Fort Madison, Iowa</i>
Emily M. Keilman	<i>Sioux City, Iowa</i>	** Johnni A. Schueman	<i>Avoca, Iowa</i>
Jessica Marlo Korf	<i>Ames, Iowa</i>	Alexis Jae Slater	<i>Ramona, Calif.</i>
Lauren Elizabeth Kuntz	<i>Geneva, Ill.</i>	Heather Nicole Swanson	<i>Red Oak, Iowa</i>
		Lindsey Nicole Taylor	<i>Cedar Rapids, Iowa</i>

Curriculum in Financial Counseling and Planning

Melcum Otto Folk *Charter Oak, Iowa*

Curriculum in Food Science

Elena Guerrero-Caballero
Columbus Junction, Iowa

Curriculum in Hospitality Management

Vito Gianni Bartolomei	<i>Plainfield, Ill.</i>	Chen Zhang	<i>Beijing, China</i>
Jiyeon Park	<i>Seoul, South Korea</i>	Wentong Zhi	<i>Jinan, China</i>
* Stephanie Jean Williams	<i>Geneseo, Ill.</i>		

Curriculum in Kinesiology and Health

Andrew Michael Achenbaugh	<i>Lombard, Ill.</i>	Hailey Anne Kitzzmann	<i>Blue Grass, Iowa</i>
Justyn Robert Alex	<i>Carroll, Iowa</i>	Amanda Kay Langmade	<i>Boone, Iowa</i>
Shazif M. Bachelani	<i>Des Moines, Iowa</i>	Amy Michelle Lubben	<i>Le Mars, Iowa</i>
Lindsay Nicole Best	<i>Iowa City, Iowa</i>	** Natalie Rae McAuliff	<i>West Des Moines, Iowa</i>
John Michael Blessington	<i>Auburn, Iowa</i>	Eric Duane Muilenburg	<i>Sioux City, Iowa</i>
Zachary Charles Calvert	<i>Shawnee, Kans.</i>	Nicholas William Nelson	<i>Carroll, Iowa</i>
Aarika Gail Cancelli	<i>Mundelein, Ill.</i>	***† Mackensie Connor Noble	<i>Johnston, Iowa</i>
Madilyn Ruth Carlile	<i>Edina, Minn.</i>	Rachael Marie Norris	<i>Emerson, Iowa</i>
Martin J. Cervantez	<i>Burlington, Iowa</i>	Carissa Nicole Poeschel	<i>Portland, Oreg.</i>
Joe Soakham Chounramany	<i>Pleasant Hill, Iowa</i>	* Shannon Marie Rayhons	<i>Altoona, Iowa</i>
Brandon Lee Clark	<i>Clinton, Iowa</i>	Madeline Jane Reese	<i>Pittsford, N.Y.</i>
* Caitlyn Nicole Collier	<i>Farmington, Minn.</i>	Brendon M. Roggendorf	<i>Clinton, Iowa</i>
Megan Lianne Dickersbach	<i>Malvern, Iowa</i>	Jesse Ryan Salazar	<i>West Des Moines, Iowa</i>
Fatime Dika	<i>Beacon, N.Y.</i>	Megan Lynn Scherff	<i>Denison, Iowa</i>
Britta Elizabeth Dreas	<i>Eagan, Minn.</i>	Brooke Ashley Schweikert	<i>Ames, Iowa</i>
Austin Reed Fischer	<i>Ankeny, Iowa</i>	Angela Scott	<i>Davenport, Iowa</i>
Kayla Lee Fonken	<i>Blairsburg, Iowa</i>	Nicole Margaret Scott	<i>Grimes, Iowa</i>
Brian Daniel Fox	<i>Boone, Iowa</i>	Spencer Wayne Shepherd	<i>Wayland, Iowa</i>
Brittney Kay Gambell	<i>West Bend, Iowa</i>	Kyle S. Tjossem	<i>Minneapolis, Minn.</i>
Alexa Sage Graham	<i>Council Bluffs, Iowa</i>	Eric Tolle	<i>Webster City, Iowa</i>
Carina M. Hanson	<i>Hampton, Iowa</i>	Alexis Anne Townsley	<i>Des Moines, Iowa</i>
Selena Michi Hataye	<i>Austin, Minn.</i>	Nicholas Arthur Wells	<i>Glenwood, Iowa</i>
* William A. Henrich	<i>Earling, Iowa</i>	Alexa Anne Whitehill	<i>Clarinda, Iowa</i>
Walker Adam Howard	<i>Urbandale, Iowa</i>	** Alec M. Wilhelmi	<i>Frankfort, Ill.</i>
Rachael Catherine Junkroski	<i>Bolingbrook, Ill.</i>	* Natasha Jade Williams-Yee	<i>Burlington, Iowa</i>
Natalie Alexandra Kane	<i>Cedar Rapids, Iowa</i>	Jacob Paul Wood	<i>Farragut, Iowa</i>
Dominic Sam Keeling	<i>Ames, Iowa</i>	* Katherine Diane Young	<i>Ankeny, Iowa</i>
		Loren Robert Zuspahn	<i>Fort Dodge, Iowa</i>

* *Cum Laude*

** *Magna Cum Laude*

*** *Summa Cum Laude*

† *Honors Program*

Curriculum in Nutritional Science

Courtney Lynn Duver

Norwalk, Iowa

*** Katherine Marie Ranard

Newton, Iowa

Multiple Curricula and Majors

Jacalyn Marie Kingsbury Champlin, Minn.
*Child, Adult, and Family Services and Liberal
Arts and Sciences: Major in Interdisciplinary
Studies (Criminology and Criminal Justice)*

Mary Katherine Wisnieski Clive, Iowa
*Child, Adult, and Family Services and Liberal
Arts and Sciences: Major in History*

Courtney Nicole Winegar Rock Rapids, Iowa
*Hospitality Management and Event
Management*

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

CANDIDATES FOR DEGREES FROM THE COLLEGE OF LIBERAL ARTS AND SCIENCES

BACHELOR OF ARTS

Major in Advertising

Julia Elizabeth Adler	Ankeny, Iowa	An My Trong Le	Des Moines, Iowa
Gina Marie Boffa	Northbrook, Ill.	John Vyvyan McMillin IV	
Michelle L. Buboltz	Lewis, Iowa		Flower Mound, Tex.
Paul William Ehrsam	Greenfield, Iowa	Katlego K. Mogongwa	Osceola, Iowa
Claire Kathleen Grabin	Oxford, Iowa	Lynne Elizabeth Reiter	Garner, Iowa
Emily Julia Hecht	Estherville, Iowa	Micah Mark Sickmann	St. Michael, Minn.

Major in Anthropology

Danielle M. Blackstock	Ankeny, Iowa	Nicole Lucia Laurito	Atlantic, Iowa
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Major in Biological/Pre-Medical Illustration

Jumana Osama Mansouri	Saudi Arabia
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Major in Chemistry

Reilly Ehlers Thompson	Plymouth, Minn.
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Major in Communication Studies

Kayla Elizabeth Anderson	Oak Park, Ill.	Katie Lewis Hannah	West Des Moines, Iowa
Mariah A. Anderson	Cedar Falls, Iowa	Erin Mariah McDermott	Spencer, Iowa
Alexander James Bennie	Bettendorf, Iowa		
Michael Lashawn Brown Jr.	Des Moines, Iowa		

Major in English

Charles Eric Cloud	Northfield, Minn.	Kandyce Joy McConico	Gurnee, Ill.
** Rachel Elizabeth Gildea	Ankeny, Iowa	Joshua Nicholas Oren	Boone, Iowa

Major in History

* Rachel Elizabeth Alison	Burlington, Iowa
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Major in Interdisciplinary Studies (Criminology and Criminal Justice)

Austin James Bishop	Grimes, Iowa	Leland P. Mosch	Iowa Falls, Iowa
* Joseph Walter Christensen	Chariton, Iowa	Kimberly Mae Muench	Cedar Rapids, Iowa
Lily Elizabeth Dayton	Waukee, Iowa	Skylar S. Pickering	Sioux City, Iowa
Kalli Elzina Mishelle Hardin	Keosauqua, Iowa	Michael David State	Des Moines, Iowa
** Ashley Nicole Holding	Eagle Grove, Iowa	Tan Buu Thai	Davenport, Iowa
Nickolas Anthony Homan	Ida Grove, Iowa	Abby Marie Weatherwax	Earlville, Iowa

Major in Linguistics

* Kourtney Kay Daubs	Center Point, Iowa
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* Cum Laude
 ** Magna Cum Laude
 *** Summa Cum Laude
 † Honors Program

Major in Music

Kaitlyn Nicole Chase *West Des Moines, Iowa*

* Ria Grace Kaur Olson

Marion, Iowa

Major in Performing Arts

Lauren Olivia Dentler *Victoria, Tex.*
Kivan Blake Kirk *Cedar Rapids, Iowa*

Devyn Marie Lenaghan *Urbandale, Iowa*

Major in Political Science

Thomas C. Hall *Waverly, Iowa*
Morgan Audrey Koithan *West Des Moines, Iowa*
Jayda Kay Lewis *Blue Grass, Iowa*

Colton Peter Nebel *Urbandale, Iowa*
Samantha Mae Pickering *Palo, Iowa*
Tyler John Raygor *Stratford, Iowa*
Keith David Wilbur *Ames, Iowa*

Major in Psychology

Austin Douglas Brower *Carroll, Iowa*
Geneva Marie Fisher *Altoona, Iowa*
Samantha Jo Fossum *Brookings, S. Dak.*
Anna Marie Klatt *Peterson, Iowa*

Brittany Renee Laubenthal *Rossie, Iowa*
Jeremy Devon Smith *Chicago, Ill.*
Lindsey Renee Van Wyk *Altoona, Iowa*

Major in Religious Studies

Elena Marie Rubio *Bellevue, Neb.*

Major in Sociology

Logan James Tesdell *Urbandale, Iowa*

Major in Speech Communication

Jake D. Stoffers *Coon Rapids, Iowa*

Major in World Languages and Cultures (Spanish)

** Mark Leonard Hannasch *Inver Grove Heights, Minn.*
* Kelly Ann McGowan *Urbandale, Iowa*

Alicia Marie Schnoebelen *Iowa City, Iowa*
Brittany Sue Trow *Johnston, Iowa*

Major in World Languages and Cultures (Russian Studies)

* Erik Benjamin Wiese *Sioux Center, Iowa*

Multiple Curricula and Majors

Alex Parker Allamong *Michigan City, Ind.*
Political Science and Interdisciplinary Studies
(Criminology and Criminal Justice)

Kailey Rae Pals *Titonka, Iowa*
Interdisciplinary Studies (Criminology and
Criminal Justice) and Sociology

* Melissa Ann Garrett *Hawarden, Iowa*
English and Journalism and Mass
Communication

John David Pfantz *State Center, Iowa*
Interdisciplinary Studies (Criminology and
Criminal Justice) and Political Science

Martha Rose Noll *Ames, Iowa*
Linguistics and International Studies

Isabella Porter *Sioux City, Iowa*
Psychology and Interdisciplinary Studies
(Criminology and Criminal Justice)

Matthew J. O'Brien *Champlin, Minn.*
Interdisciplinary Studies (Criminology and
Criminal Justice) and Sociology

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

Jordan Thomas Youngerman
Davenport, Iowa
*Interdisciplinary Studies (Criminology and
Criminal Justice) and Sociology*

Chelsea Zoumides Plymouth, Minn.
*Sociology and Interdisciplinary Studies
(Criminology and Criminal Justice)*

Katrina Anne Zimmerman Sioux City, Iowa
*Interdisciplinary Studies (Criminology and
Criminal Justice) and Sociology*

BACHELOR OF LIBERAL STUDIES

Major in Liberal Studies

Sarah Elizabeth Barclay Eagan, Minn.
Rachel Lynne Bell Clinton, Iowa
James Holland Bingham Nevada, Iowa
Stephen Eugene Cherny
West Des Moines, Iowa
Darian Frederick Cotton
Mt. Pleasant, Iowa
Megan Mae Freel Runnells, Iowa
Tyler James Harmeyer
West Des Moines, Iowa
Kourtlin Lee Jackson Johnston, Iowa

Cory John Morrissey Ames, Iowa
Tevon James Mutcherson Tampa, Fla.
Bryon T. Nelsen Armstrong, Iowa
Grace Marie Nelson Webster City, Iowa
Robin Marie Ripperger Urbandale, Iowa
Gregory A. Schwarck St. Ansgar, Iowa
Blake Thomas Skartvedt Johnston, Iowa
Brenda M. Swaim Garner, Iowa
Lance O. Webster Indianola, Iowa
Eve Taylor Willett Cedar Falls, Iowa
Taylor Evans Wilson Des Moines, Iowa

BACHELOR OF SCIENCE

Major in Anthropology

* Monica Adrienne Morris Fargo, N. Dak.

Major in Biochemistry

Deleah Debria Pettie Bloomington, Ill.

Major in Biology

Blake Owen Anderson Princeton, Ill.
Anthony O. Bundy Spanish Fork, Utah
Cory Edward Hermsen Manchester, Iowa
* Michael Jacob Jepsen Des Moines, Iowa

Dana Elaine Korneisel Cedar Falls, Iowa
** Alicia Ann Manning Urbandale, Iowa
Nicole Lynn Williams Winterset, Iowa

Major in Computer Science

Tucker Douglas Hays Macomb, Ill.

* Junlin Zhu Mianyang, Sichuan, China

Major in Economics

Bing Wei Dai Wenzhou, China
***† Neil Bernard Gerstein Ames, Iowa
Khairul Abrar Khairul Annuar
Teseq Gelugor, Malaysia

* Ria Grace Kaur Olson Marion, Iowa

Major in Genetics

Jasmine Irene Santiago Boone, Iowa

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

Major in Geology

Romina Kasandra Holder	<i>Des Moines, Iowa</i>	* Katherine Ann Tott	<i>Woodbury, Minn.</i>
Dana Elaine Korneisel	<i>Cedar Falls, Iowa</i>	Megan Michelle Wolff	<i>Neola, Iowa</i>
Melanie McMahon	<i>Eagan, Minn.</i>		

Major in History

Matthew Robert Beyer	<i>Boone, Iowa</i>	** Sarah J. Pillman	<i>Zearing, Iowa</i>
Taylor Matthew Diles	<i>Chaska, Minn.</i>	Christian Thor Thompson	
Joseph William Lauesen	<i>Sanborn, Iowa</i>	Jake Bradley Turner	<i>Webster City, Iowa</i>
Wansu Luo	<i>Beijing, China</i>		<i>Ames, Iowa</i>
Ryan Joseph Morrison	<i>Altoona, Iowa</i>		

Major in Journalism and Mass Communication

Adam W. Brower	<i>Carroll, Iowa</i>	Kasey C. Mueller	<i>Lombard, Ill.</i>
Luke Danielson	<i>Story City, Iowa</i>	William Arthur Musgrove Jr.	
Tanner N. Hansen	<i>Ames, Iowa</i>		<i>Ottumwa, Iowa</i>
** Paris Taylor Imholz	<i>Antioch, Calif.</i>	Lindsey Renee Nelson	<i>Sioux City, Iowa</i>
Morgan Elizabeth Juraco	<i>Iowa City, Iowa</i>	Matthew Charles Mertensotto	<i>Novitzki</i>
* Rachel Abigail Lake	<i>Rochester, Minn.</i>		<i>Eagan, Minn.</i>
* Kelly Ann McGowan	<i>Urbandale, Iowa</i>	Jasmine Sun Schillinger	<i>Adel, Iowa</i>
Bailey Lynn McGrath	<i>Harlan, Iowa</i>	Kelby Kay Wingert	<i>Fort Dodge, Iowa</i>

Major in Psychology

Kayla Helen Bierschbach	<i>Chaska, Minn.</i>	Grace Danielle Lutter	<i>Jewell, Iowa</i>
Kristin Kay Bouska	<i>West Union, Iowa</i>	Haelee Noel Powell	<i>Norco, Calif.</i>
Allison Rae Bowers	<i>Ames, Iowa</i>	Kelly Ruby Sinclair	<i>Marengo, Iowa</i>
Molly Margaret Collins	<i>Clive, Iowa</i>	Michael David State	<i>Des Moines, Iowa</i>
Kwan Win Eu	<i>Kuala Lumpur, Malaysia</i>		

Major in Public Relations

Nicolas Jose Andrade	<i>Marshalltown, Iowa</i>	Ashley Hannah Mari Sill	<i>Clive, Iowa</i>
Isaac Daniel Copley	<i>Ankeny, Iowa</i>	** Mark David Specht	<i>New Hope, Minn.</i>
Jenna Nicole Courtney	<i>Eldon, Iowa</i>	Lindsey Rose Wanninger	<i>Carroll, Iowa</i>
Jake Michael Mooers	<i>Ankeny, Iowa</i>	Kayla Marie Zumbach	<i>Anamosa, Iowa</i>
Kelsey Lynn O'Brien	<i>Des Moines, Iowa</i>		

Major in Sociology

Taylor James Harris	<i>Graettinger, Iowa</i>
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Major in Statistics

* Daniel Robert Whitford	<i>Rochester, Minn.</i>
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* *Cum Laude*
** *Magna Cum Laude*
*** *Summa Cum Laude*
† *Honors Program*

Multiple Curricula and Majors

Christine Nora Amaya Ames, Iowa
*Journalism and Mass Communication and
International Studies*

Scott Alexander Ismond Calgary, Canada
Public Relations and Speech Communication

Justin Andrew Lo Denison, Iowa
Public Relations and Music

Jordan Nicholas Mains Algona, Iowa
Public Relations and Psychology

* Jacob Andrew Petrzelka Mt. Pleasant, Iowa
Genetics and Psychology

Michael John Riniker Jr. Dubuque, Iowa
*Psychology and Interdisciplinary Studies
(Criminology and Criminal Justice)*

Charlotte Marie Tonelli Waukee, Iowa
*Psychology and Interdisciplinary Studies
(Criminology and Criminal Justice)*

* Maia Alexandra Zewert Sheffield, Iowa
*Journalism and Mass Communication and
English*

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