IOWA STATE UNIVERSITY College of Agriculture and Life Sciences

CALS Convocation 2015 Fall Semester

September 22, 2015



New Faculty and Staff

Agricultural and Biosystems Engineering

Emily Beeman-Research Associate II

Applied Plant Science, University of Minnesota, '12 Research Interests: Sustainable and Precision Agriculture Accomplishment: Raising a daughter who loves to read Fun Fact: Enjoys gardening

Ryan Bergman-Program Coordinator II

B.S., in Agricultural Systems Technology, Iowa State University, '14.

M.S., in Industrial and Agricultural Technology, Iowa State University, '15

Research Interests: Precision ag, agricultural machine telematics, aerial imagery

Extension Area: Precision agriculture and "Big Data" Accomplishment: Graduating with a M.S. degree

Fun Fact: Grew up working on his grandfather's Christmas tree farm



Shweta Chopra-Assistant Professor

Ph.D., Purdue University, '14 Research Interests: Food supply chain, lean manufacturing

Accomplishment: Learning to live with a pet Fun Fact: Enjoys playing with her dogs



Robert Hartmann-Teaching Laboratory Coordinator

B.A., Broadcast Communications,
North Central College, '01
M.S., Industrial Engineering Technology, Purdue, '14
Accomplishment: Key product designer in
building out a new product line
Fun Fact: Creating things to help make life easier



Russ Hoffman-Lecturer

B.S., Iowa State University, '92
M.S., Iowa State University, '06
Accomplishment: Innovation and successful implementation of ideas in the classroom.
Fun Fact: Spending time with family, traveling, sailing, SCUBA, and photography



Dirk Maier-Professor and Post-harvest Engineer

B.S., Ag Engineering, Michigan State University '87 M.S., Ag Engineering, Michigan State University '88 Ph.D., Ag Engineering, Michigan State University '92 Research Interests: Post-harvest Engineering Accomplishment: Contributing substantially to increasing scholarship and fellowship support for students

Fun Fact: Long distance bicycle rides



Benjamin Schrag-Extension Program Specialist II

Elementary Education, University of Minnesota, '99

Research interests: Songwriting

Extension Area: Travel, youth education, community events Accomplishment: Writes folk music and published playwright

Fun Fact: Performs as a singer-songwriter

Timothy Shepherd-Lecturer

B.S., Agricultural and Biosystems Engineering, Iowa State University, '05 M.S., Agricultural and Biosystems Engineering, Iowa State University, '07 Research Interests: Interface of agricultural machinery and agricultural facility systems with materials, livestock and the environment.

Accomplishment: Becoming a professional engineer Fun Fact: Building projects with his two boys

Katie Taylor-Research Associate II

B.S., Agronomy, Global Resource Systems, Iowa State University, '12 M.S., Soil Science

Research Interest: Stover harvest integration in Midwest cropping systems, plant variability, global soil mapping, heavy metal soil contamination Accomplishment: Gaining confidence in academic writing

Fun Fact: Enjoys knitting, running, and gardening

Joe Vanstrom-Lecturer

B.S., Iowa State University, '08
M.S., Iowa State University, '12
Research Interests: Advanced manufacturing,
collaborative engineering eesign, engineering
design graphics

Accomplishment: Seeing students that I've taught find a career that they love

Fun Fact: Former Iowa State football player, attending games and cheering on the Cyclones



Agricultural Education and Studies

Virginia Hanson-Lecturer

B.A., English, University of New Hampshire '91 M.A., English, Portland State University, '96 Research Interests: Ag communications, risk communication, oral history Accomplishment: Riding bike to school instead of driving

Fun Fact: Growing vegetables and native prairie plants



Kathleen Hunt-Assistant Professor

B.A., University of North Carolina Greensboro, '07
M.A., University of Cincinnati, '09
Ph.D., University of Utah '15
Research Interests: Food security, political economy of food and agriculture, environmental justice, rhetoric

Accomplishment: Analysis of Kenya's Green Belt Movement, which was chosen for Article of Year by the Southern States Communication Association

Fun Fact: Running, road trips, and cooking



Agronomy

Amber Anderson-Mba-Lecturer

B.S., Plant Pathology and Agronomy, Iowa State University, '06M.S., Sustainable Agriculture, Iowa State University, '08Research Interests: Soil quality

Accomplishment: Coaching the Iowa State University
Soil Judging Team and being assistant coach of a

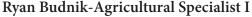
national champion team.

Fun Fact: Playing with her 3 year old, gardening, backyard chickens, wheel-thrown pottery.



M.S., Wageningen University, Netherlands, '06 Ph.D., Wageningen University, Netherlands, '11 Accomplishment: Development of web tools to assist and educate farmers and researchers.

Fun Fact: Enjoys barbecuing



B.S., Genetics, Iowa State University, 2014 M.S., Plant Breeding, Iowa State University Research Interests: Crop disease resistance breeding Fun Fact: Upland hunting and road biking events

Debra Lee-Lecturer

B.S., Oregon State University, '81 M.S., University of Minnesota, '83 Ph.D., University Of Minnesota, '86 Accomplishment: Tenure as a Crop Research Data Manager Fun Fact: Service on the city of Ames Planning and Zoning Commission

Keunsub Lee-Assistant Scientist

Ph.D., University of Minnesota, '10 Research interests: Non-coding RNA's in agrobacterium tumefaciens, plant genetic transformation

Accomplishment: Father of three children Fun Fact: Enjoys growing vegetables and flowers

Anthony Mahama-Program Assistant

B.S., University of Ghana, Accra, Ghana, '86 M.S., University of Nebraska- Lincoln, '93 Ph.D., Iowa State University, '98





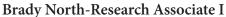


Brad Miller-Assistant Professor

B.S., Environmental Science, Iowa State University, '00 M.S., Soil Science and Water Resources, Iowa State University, '06 Ph.D., Geography, Michigan State University, '13 Research interests: Digital soil mapping, geographic information science

Accomplishment: Editor's Citation for Excellence in Manuscript Review, Soil Science Society of America Journal

Fun Fact: Canoeing



B.S., Agronomy, Iowa State University, '11 Research Interests: Plant breeding and seed collections





Aaron Sassman-Extension Programs Specialist I

B.S., Iowa State University, '07 M.S., Iowa State University, '14

Extension area: Maintaining and updating the Iowa Soil Properties and Interpretations Database

Accomplishment: Three deployments and 14 years in the Army Iowa National Guard Fun Fact: Enjoys hunting, fishing, metal detecting, attending sporting events



Animal Science

Don Beermann-Professor and Chair

B.S., Animal Science, Iowa State University, '71 M.S., Animal Science, University of Wisconsin, '73 Ph.D., Univ of Wisconsin, '76 Research interests: Food Animal Physiology, growth and development. Extension areas: Outreach and interaction with

Iowa Livestock

Accomplishment: Hiring five new faculty members in 2015

Fun Fact: Enjoys fishing, hiking, photography and backpacking



Jennifer Bundy-Lecturer/Faculty Adviser

B.S., Animal Science, University of Missouri, '02
M.S., Breeding and Genetics,
 University of Nebraska, '05
Ph.D., Breeding and Genetics,
 University of Nebraska, '08
Accomplishment: Receiving Ph.D. at age 27
Fun Fact: Enjoys kayaking, canoeing and camping



Cameron Hall-Assistant Poultry Farm Manager

B.S., Global Resources Systems,
Iowa State University, '15
Research interests: Nutrition and management work
Accomplishment: Hosted the first FFA Poultry
judging contest
Fun Fact: Enjoys fishing, playing sports, reading



Jeff Hartwig-Swine Farm Manager B.S., Forestry, Iowa State University, '09



Bethann Johnson-Assistant Scientist II

Ph.D., Boston University School of Medicine, '10
Research interests: Neurodegenerative Diseases, Behavioral Neuroscience
Accomplishment: Recent first-time home owner
Fun Fact: Enjoys gardening, antiquing, and outdoor activities

Adrianne Kaiser-Vry-Research Associate II

dogs and horses

B.S., Iowa State University, '13
Research interests: Muscle physiology, animal behavior
Accomplishment: DIYing almost her whole wedding
Fun Fact: Enjoys crafting, spending time with her



Valerie King-Communications Specialist

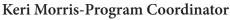
B.A., Communications, Northwestern College, Orange City

Accomplishment: ACE Award for Information Campaign and raising four great kids Fun Fact: Singing the national anthem at sporting events and county fairs



Erin Laughlin-Agricultural Specialist

B.S., Animal Science, Iowa State University, '14 Research Interests: Nutritional physiology Accomplishment: Graduating in 3.5 years Fun Fact: Training for a half marathon in October



Accomplishment: building a new and improved website for Department of Animal Science. Fun Fact: Spending time with family



Richard Roths-Equipment Specialist

B.S., Animal Science, Iowa State University, '11 Research Interests: Meat science Fun Fact: Enjoys mountain biking



Rodrigo Tarté-Assistant Professor

B.S., Food Technology and Science,
Iowa State University, '87
M.S., Food Technology and Science,
Iowa State University, '90
Ph.D., Food Science and Technology,
Iowa State University, '96
Research Interests: Processed and value-added
meats; food safety



Accomplishment: Various technical and leadership accomplishments in product development and applied research

Fun Fact: Looking at the country side on his road bike

Jamie Williams-Associate Scientist

B.S., University of California, '02 M.S., Colorado State University, '07 Ph.D., University of Georgia, '10

Research Interests: Beef cattle genetics/genomics

Accomplishment: Her son

Fun Fact: Raise and show purebred shorthorn

beef cattle



Samone York-Program Assistant II

B.LS., Iowa State University, '06

Accomplishment: Being elected to P & S Council and having the privilege to serve on Peer Advocacy Committee

Fun Fact: Spending time with family, serving at church, couponing

Biochemistry, Biophysics and Molecular Biology

Alexis Campbell-Associate Scientist

B.S., Biology, Iowa State University, '04 Ph.D., Plant Biology, Iowa State University, '11 Research Interests: CBiRC and the use of yeast as microbial factories for the production of designer chemicals.

Accomplishment: Developing and implementing an authentic research experience for undergraduates.

Fun Fact: Enjoys gardening with her daughter



Geng Ding-Assistant Scientist

Ph.D., Iowa State University, '08 Research Interests: Plant metabolism Accomplishment: Finishing her Ph.D. Fun Fact: Enjoys soccer



Economics

John Crespi-Professor

Ph.D., University of California-Davis, '00 Research Interests: Food product differentiation, branding, labeling, agribusiness Accomplishment: Getting hired at Iowa State



Deborah Gruca-Communications Specialist

B.A., Iowa State University, '76

Gabriel Lade-Assistant Professor

B.A., Economics, George Washington University
M.A., Economics, Rutgers University
Ph.D., Agricultural and Resource Economics
University of California Davis
Research Interests: Agricultural, Environmental, and Energy Economics

Accomplishment: Rowed for George Washington
University in the Intercollegiate Rowing Association national championship regatta

Fun Fact: Enjoys cycling, and training his German Shepherd puppy



David Keiser-Assistant Professor

B.A., University of Virginia, '03 M.S., University of Georgia, '09 Ph.D., Yale University '14

Research Interests: Environmental and natural resource economics

Accomplishment: Secured an exciting USDA-NIFA grant during his first semester at Iowa State Fun Fact: Enjoys chasing around his 2-year-old son



Joshua Rosenbloom-Professor and Chair

A.B., Oberlin College '81
Ph.D., Stanford University, '88
Research Interests: The economics of science,
science policy, development of the american
economy

Accomplishment: Raising 4 children into their 20's and having them total only one automobile Fun Fact: Enjoys travel and photography



Entomology

Beth Butin-Visiting Associate Professor

B.S., Iowa State University, '98

M.S., University Massachusetts Amherst, '03

Research Interests: Forensic entomology

Accomplishment: Two little daughters who like to read and aren't afraid

to get their dresses in the mud

Fun Fact: Keeping bees and tending a small flock of chickens

John Rearick-Systems Analyst II

B.S., Management Informations Systems, Iowa State University, '06 Accomplishment: Launching the Crops Knowledge base at crops.extension.iastate.edu Fun Fact: No spare time with a 4 month old



Ryan Smith-Assistant Professor

B.S., University of California Riverside, '02 Ph.D., University of California Riverside, '07 Research Interests: Vector-borne diseases, mosquitoes, malaria

Fun Fact: Reading about various aspects of the war and touring battlefields



Food Science and Human Nutrition

Kate Gilbert-Lecturer and Internship Coordinator

B.S., Food Science, Iowa State University, '07

M.S., Food Science, Kansas State University, '13 Research Interests: Sustainable agriculture and the food it produces

Accomplishment: Helped bring a culinary challenge to the Iowa Section of the Institute of Food Technologists

Fun Fact: Raised on a diversified family farm and still owns part of the Brown Swiss dairy herd

Nathan Hansen-Systems Support Specialist III

B.S., Management of Information Systems, Iowa State University, '15 Fun Fact: Golfing, yardwork



Andrew Horton-Field Specialist Winemaker

B.A., Anthropology, University of California- Santa Barbara Research Interests: Enology and viticulture, fermentation science Extension Area: Extension adviser/consultant to the greater Iowa and Midwest winemaking community

Accomplishment: Double Gold Medal, '12 MN Marquette Wine, Finger Lakes International Wine Competition.

Fun Fact: Boating, fishing, underwater cameraman for Discovery Channel's "SHARKWEEK" TV specials for eight years

Katie Thorson-Accountant II

B.A., Finance, University of Northern Iowa, '01 Accomplishment: Proud of raising two daughters with her husband Fun Fact: Running, spending time with husband and daughters

Amy Vorst-Profram Coordinator

B.S., Management, Purdue University, '97
MBA, University of Michigan-Flint, '05
Research Interests: Coordinate research between faculty and industry partners related to food safety, packaging and plastics
Fun Fact: Spending time with family, cooking and traveling

Genetics, Development and Cell Biology

Dior Kelley-Assistant Professor

B.S., Chemistry, University of California Santa Cruz, '00 Ph.D., Plant Biology, University California Davis, '09 Accomplishment: Started a collaboration with a computer scientist at Colorado State that is now a very fruitful interaction



Marna Nelson-Assistant Professor

B.S., Drake University, '98
Ph.D., Iowa State University, '05
Research Interests: Genetic dissection of
metabolic pathways and practical applications
in plant protection and biorenewables
Accomplishment: Forging collaborations amongst
diverse investigations

Fun Fact: Baking with her kids, walking her dog



Horticulture

Diana Cochran-Assistant Professor and Extension Fruit Specialist

Ph.D., Mississippi State University, '12

Research Interests: Weed management, sustainable practices, fertility and irrigation management in fruit and hop production

Extension Areas: Help Iowa commercial fruit and hop producers produce quality crops

Accomplishment: Surviving an Iowa winter, although I have been told the 2014/2015 winter was mild, so ask me again after the 2015/2016 winter

Fun Fact: Whitewater kayaking and biking



Susan DeBlieck-Master Gardener Program Assistant

B.S., Community and Regional Planning,
Iowa State University, '07
M.S., Sustainable Agriculture,
Iowa State University, '09
Research Interests: Local food systems, school
gardens, social justice
Extension Areas: Providing support to extension

staff as they promote and offer Master Gardener Accomplishment: sewing clothes for myself Fun Fact: gardening, bicycling, cooking, and sewing



Elly Sukup-Lecturer

B.S., Public Service and Administration in Ag, International Agriculture, Iowa State University, '08

M.A., Social Anthropology, University of London, '13

Research Interests: Food and nutrition security, and youth entrepreneurship

Accomplishment: Princeton in Africa Fellow for two years working for UN World Food program in Ghana and Ethiopia

Fun Fact: Traveled to all 50 states and more than 50 countries

Natural Resource Ecology and Management

Jim Adelman-Assistant Professor

B.S., Duke University, '99
Ph.D., Princeton University, '10
Research Interests: Revealing how host
physiology and behavior influence the
spread and evolution of infectious disease
in wild animal populations

Accomplishment: Measured fever in free-living, naturally behaving wild birds

Fun Fact: Hiking with wife and dog, Maggie



Amanda Chung-Student Services Specialist

B.S., Animal Ecology, Iowa State University, '12 Accomplishment: The good she has done in her small, multicultural sorority, here at Iowa State as well as other universities Fun Fact: Reading

Ann Greazel-Program Coordinator, Project Manager

B.F.A., Graphic Design, '02

M.B.A., '13

Research Interests: Drupal

Accomplishment: Make comments to Drupal,

specifically Drupal 8 User Guide

Fun Fact: Canning, submitting food, vegetables and flowers to the Iowa State Fair



Cassandra Nuñez-Adjunct Assistant Professor

B.A., Douglas College, Rutgers University, '93 Ph.D., Princeton University, '00

Research Interests: Animal behavior and physiology

Accomplishment: Her research has had an impact on the management of feral horses.

Students have addressed her as, "an individual who has helped them to feel welcomed, encouraged and supported."

Fun Fact: Intramural broomball champion, hiking

Michael Rentz-Lecturer

B.A., University of Minnesota Morris '94

Ph.D., University of Minnesota, '14

Research Interests: Ecology of mammals, especially rodents and carnivores

Accomplishment: Peeled and ate a fresh mango while wearing a suit and tie, without getting a speck of juice anywhere, also raising three great kids and maintaining a marriage while getting his Ph.D.

Fun Fact: Hiking and canoeing in wild places

Ann Russell-Adjunct Associate Professor

B.S., Cornell University '76
M.S., University of Florida, '83
Ph.D., Iowa State University, '96
Research Interests: Ecosystem ecology
Accomplishment: Fulbright scholar, India, 2005
Fun Fact: Playing music as a member of
"Merry Mallets Community Marimba Band"



Plant Pathology and Microbiology

Jyotsna Acharya-Research Associate I

B.S.C., Zoology

M.S.C., Biological Science
Research Interests: Corn and soybean disease
Accomplishment: Helped a high school teacher
set up a project and design experiments

Fun Fact: Camping, walking trails, watching football



Megan Harrison-Research Associate II

B.S., Iowa State University

Research Interests: Honey bee cell culture, translation, virology, social behavior of *Hymenoptera*

Fun Fact: Spending time with family, biking and dog shows

Yuba Kandel-Assistant Scientist II

B.S., Agriculture, Tribhuvan University Nepal, '99
M.S., Plant Pathology, Tribhuvan University Nepal, '03
Ph.D., Plant Science, South Dakota State University, '13
Research Interests: Develop tools for diagnosis and sustainable management of plant diseases
Accomplishment: Achieved a doctorate degree on time with a great GPA and publication
Fun Fact: Movies, ping-pong, badminton, volleyball, spend time with friends and eating a variety of foods



James Walley-Assistant Professor

B.S., Biology, University of Mount Union
M.S., Botany, Miami University '05
Ph.D., Plant Biology, UC Davis, '09
Research: Molecular basis of plant-microbe interactions, proteomics, systems biology, and protein post-translational modification
Accomplishment: Getting a faculty position at Iowa State

Fun Fact: Home brewing



Wei Wang-Assistant Professor

Ph.D., Duke University, '12
Research interests: Systems biology, circadian clock, plant immunity
Extension Areas: Molecular mechanisms of plant responses to biotic stresses
Accomplishment: Discover the links between the circadian clock and plant immunity
Fun Fact: Follow new tech gadgets



Ed Zaworski-Diagnostician

M.S., Plant Pathology, Iowa State University, '14 Research Interests: Agricultural crops Extension Area: Diagnostics Accomplishment: Finishing his masters Fun Fact: Fishing



Mian Zhou-Associate Scientist

Ph.D., Duke University, '14

Research Interests: Interaction between plant immune system and the circadian clock

Accomplishment: Publishing a nature paper with

her husband

Fun Fact: Enjoys playing with her daughter



Sociology

Chester Britt-Professor and Chair

B.S., University of Iowa, '84
M.S., Washington State University, '86
Ph.D., University of Arizona, '90
Research Interests: Demography of crime, criminal careers and victimization; criminal justice

decision-making; quantitative research methods

Extension Area: Administrative

Accomplishment: Being hired as Chair of the Sociology Department at Iowa State University

Fun Fact: Running, cycling and watching Dr. Who



Other new departmental faculty and staff

Agricultural and Biosytems Engineering

Christopher Hoffman-Engineer III John Just-Engineer III Junsu Shin-Engineer III Ruth Wilcox-Program Manager I Benjamin Covington-Engineer Designer II

Agronomy

Jae Brungardt-Assistant Scientist II
Gardiye De Silva-Systems Analyst II
Dale Farnham-Assistant Scientist III
Priyanka Gajjar-Research Associate I
Luke Hodnefield-Research Associate II
Bradley Keiter-Research Associate I
Daniel Little-Research Associate II
Rene Rosado-De-Jesus-Agricultural Specialist I
Carlos Tenesaca-Research Associate I
Matthew Woods-Ag Specialist III

Animal Science

Timothy Christensen-Ag Specialist I Trey Faaborg-Ag Specialist II Candice Hager-Research Associate I Timothy Hicks-Ag Specialist I Katie Kleinhenz-Ag Specialist II Michael Zweibahmer-Ag Specialist II

Biochemistry, Biophysics and Molecular Biology

Timothy Herdendorf-Assistant Scientist II

Food Science and Human Nutrition

Paulina Biernacka-Assistant Scientist III Keith Vorst-Associate Professor

Genetics, Development and Cell Biology

Sarah Briggs-Research Associate I Derek Loneman-Research Associate II

Plant Pathology and Microbiology

Hayley Nelson-Research Associate II Warren Pierson-Extension Program Specialist II Lina Rodriguez-Salamanca-Extension Program Specialist II

Statistics

Somak DuttaAssistant Professor

Agriculture and Life Sciences Administration

Kim Clinton-Program Assistant I, Pre-award Support B.S., Economics, Central College, Pella, '94

Patricia Hipple-Director, Center for Sustainable Rural Livelihoods

B.A., Sociology, Univiversity of Northern Iowa, '75
M.A., Sociolgoy, Univiversity of Northern Iowa, '88
Ph.D., Rural Sociology, Iowa State University, '98
Research Interests: International development, folk media to communicate development messages

Accomplishment: Three degrees in three decades; an encore career following decade-long stint as NIFA National Program Leader in Washington D.C.

Fun Fact: Ushered at nine performing art venues in Washington D.C. and performed as a costumed character for PBS, MetLife, Nestles, and World Team Tennis

Elizabeth Martinez-Podolsky-Multicultural Liaison Officer, Student Services

B.A., Cultural Anthropology, University of TexasM.A., Higher Education, University of IowaFun Fact: Cooking, watching Broadway musicals and spending time with family and friends

Breanna Wetzler-Communications Specialist II, Student Services

B.A., Communication Studies, Winona State University, '06

M.B.A., Concordia University

Accomplishment: Past president of Ames Jaycees

Fun Fact: Reading, quilting, attending theater and music productions, and watching old movies

Brenton Center

Joshua Tenney-Marketing Coordinator

B.A., English, Literary Studies, Iowa State University, '12

Research Interests: Graphic Design, Marketing, Communications

Accomplishment: Created a complete business plan which secured funding

for a local startup

Fun Fact: Frontman for local rock band "The Righteous Wicked"

Research and Demonstration Farms

Chris Beedle-Farm Superintendent

B.S., Animal Science, Iowa State University, '09

Research Interests: Livestock

Extension Area: Farm demonstrations Accomplishment: Daughter, Morgan

Fun Fact: Fishing



Brandon Carpenter-Ag Specialist III

B.S., Horticulture, '11

M.S., Horticulture, '14

Research Interests: Sustainable fruit and vegetable production

Fun Fact: Paddle boarding

Daniel Schaben-Ag Specialist II

B.S., Agricultural Studies

Research Interests: Field crop production

Fun Fact: Hunting

Terry Tuttle-Ag Specialist III

B.A., Education, Westmar College, '78

Research Interests: Water quality

Accomplishment: Raising four great kids, now great adults

Fun Fact: Following grandkid's events, cooking, building furniture, golfing

Other Research and Demonstration Farms

Tyler Mitchell-Ag Specialist II Ethan Thies-Ag Specialist II

Logan Wallace-Ag Specialist III

B.S., Animal Science, Iowa State University, '07 M.S., Animal Science, Kansas State University '10 Research Interests: Pasture management of

beef cattle

Fun Fact: Traveling with family



Seed Science Center

Lisa Shen-Program Coordinator I

M.B.A., Iowa State University, '11 Research Interests: Administration

Other new center faculty and staff

Brenton Center

Patrick Golus-Systems Support Specialist III Joshua Pilcher-Systems Support Specialist III David Wallace-Systems Support Specialist IV

Center for Agricultural and Rural Development

Amani El Obeid-Lecturer

Seed Science Center

Tyler Tunning-Research Associate I

Iowa Soybean Research Center

Kristin Doerder-Program Coordinator I