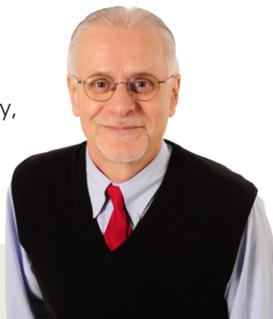


### Lee Burras

Dr. Burras is an avid student of geography. He teaches on campus, at Iowa Lakeside Laboratory, and internationally. His research focus is soil-landscape relationships and long-term human impacts on soil quality. He has a deep interest in fostering student professional development.

**Hobbies:** Reading, traveling, and Sudokus.



### Andrew Lenssen

Dr. Lenssen is highly involved with soybean systems research and extension, conducting collaborative programs with agronomists, plant breeders, plant pathologists, soil scientists, molecular biologists, and other scientists.

**Hobbies:** Fly fishing, floating and wading clear rivers, playing guitar.



### Micheal Castellano

Dr. Castellano emphasizes an ecosystems approach to agricultural teaching and research. This perspective highlights the importance of material and energy flows within and among environmental systems. He teaches courses in both Agronomy and Environmental Science.

**Hobbies:** Taking my daughter to Cyclone basketball games, sports talk radio.

### Tom Loynachan

Dr. Loynachan loves to show the amazing micro-organisms living in the soil, just ask him. His research involves the interactions of soil, plants, micro-organisms, and the environment.

**Hobbies:** Fishing, hunting, reloading of ammunition, welding, and racquetball.



### Erik Christian

Dr. Christian enjoys helping students learn about growing crops in the most agronomically sound, environmentally friendly, and economically feasible way. His interest is in the area of crop seed physiology and biology. He teaches courses in crop production and coaches the crops team.

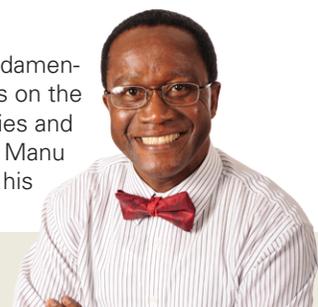
**Hobbies:** Farming, reading, and working on my yard.



### Andrew Manu

Dr. Manu is devoted to teaching the fundamentals of soil science. His research focuses on the impact of urban land use on soil properties and remote sensing of the environment. Dr. Manu enjoys leading a study abroad course to his home country of Ghana, Africa.

**Hobbies:** Listening to music and gardening.



### Bob Hartzler

Dr. Hartzler believes the key to better weed management is understanding the biological and ecological factors that allow weeds to survive in agronomic systems. He teaches Principles of Weed Science and works with farmers and agribusiness personnel as an extension weed scientist.

**Hobbies:** Golf



### Laura Merrick

Dr. Merrick is passionate about crop evolution and crop genetic resource management in promoting sustainable agro-ecosystems. She is helping launch an undergraduate minor in Learning and Leadership.

**Hobbies:** Vegetable gardening, modern dance, and logic puzzles.



### Brian Hornbuckle

Dr. Hornbuckle's goal is to determine how NASA satellites that orbit Earth can be used to improve both crop production and the quality of our environment. He teaches courses on weather and climate, environmental biophysics, and remote sensing.

**Hobbies:** Running, spending time with my family, listening to the Cyclones on the radio.

### Fernando Miguez

Dr. Miguez is enthusiastic about teaching how to use mathematical and statistical modeling in agricultural research. He uses these methods to study cropping systems and bioenergy crops. He greatly enjoys helping students have a positive experience in agronomy.

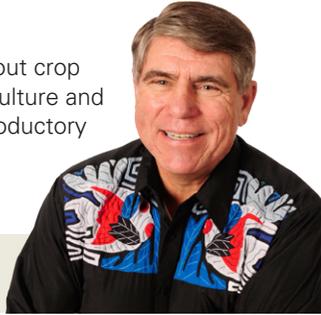
**Hobbies:** Yoga, running and soccer.



### Russ Mullen

Dr. Mullen enjoys helping students learn about crop production, seed science, international agriculture and creating new learning tools. He teaches introductory agronomy, crop quality, utilization and world agricultural systems. He researches crop production and seed physiology problems.

**Hobbies:** Weekend farming, camping, kayaking, and creative writing.



### Mary Wiedenhoef

Dr. Wiedenhoef is involved with Agronomy's New Student Learning Community. In addition, she teaches crop management and agronomic science courses and researches sustainable agriculture and alternative crops.

**Hobbies:** Spending time with my family, traveling, cooking, biking, and felting.



### Maria Salas

Dr. Salas' research focuses on improving forage and biofuel crops through genetics and plant breeding using traditional methods, molecular markers and genomics. She is currently working with sorghum and teaches a course on Genetics, Agriculture and Biotechnology.

**Hobbies:** Traveling, baking and biking.



### Gretchen Zdorkowski

Gretchen works in and teaches about where food systems and sustainable agriculture overlap, and is interested in fostering local and regional food systems. She is fond of teaching undergraduate 'issues' classes where the students talk as much as (more than?) the instructor.

**Hobbies:** Reading, weaving, knitting, gardening, cooking, music from my 29-year-old son.



### Asheesh Singh (Danny)

Dr. Singh is the Monsanto Chair in Soybean Breeding. He has a keen interest in developing solutions for producers, processors, and consumers while utilizing sustainable practices.

**Hobbies:** Traveling and watching professional sports.



### Michael Thompson

Dr. Thompson works on environmental applications of soil science, including chemical processes and soil minerals. He studies long-term dynamics of soil carbon and the fate of organic contaminants in soil. He teaches soil chemistry and mineralogy.

**Hobbies:** Music and reading.



**i'm an  
agronomist**  
applying science to fuel & feed our global society

### Andy VanLoocke

Dr. VanLoocke studies the effects of changing climate, land use and land management on crop production and the cycling of carbon, water, and nitrogen in agro-ecosystems. He teaches courses on climate, agriculture, and environmental crop physiology.

**Hobbies:** Listening to music, landscaping, and a variety of sports.

