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.

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**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.

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**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

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**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.

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**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.

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**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, and listening to the Cyclones on the radio.

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**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.

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**Fernando Miguez**

Dr. Miguez is enthusiastic about teaching an approach to agricultural research that includes mathematical and statistical modeling. His research uses these methods in studying cropping systems and bioenergy crops. He greatly enjoys helping students have a positive experience in agronomy.

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

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.

Michael Thompson
Dr. Thompson’s works on environmental applications of soil science, including chemical processes and soil minerals. He currently 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.

Mary Wiedenhoeft
Dr. Wiedenhoeft is highly 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.

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

Hobbies: Reading, weaving, knitting, gardening, cooking, and listening to music my 26-year-old son sends me.