

DEPARTMENT OF SOIL AND CROP SCIENCES

<http://soilcrop.tamu.edu>

Head: D. D. Baltensperger

Graduate Advisor: C. W. Smith

The graduate programs of the Department of Soil and Crop Sciences are designed to prepare individuals for careers in research, teaching, extension and industry, and management of agronomic enterprises. Agronomy, food science and technology, genetics, molecular and environmental plant sciences, plant breeding, soil science, and water management and hydrological science are majors available to students.

Research-oriented programs in agronomy, genetics, plant breeding, molecular and environmental plant sciences, soil science, and water management and hydrological science lead to the MS or PhD degree in these fields. There is no language requirement at the MS or PhD level. Members of the faculty have expertise in cereal chemistry, crop breeding, crop physiology, environmental agronomy, cytogenetics, plant physiology, protein chemistry, environmental soil science, soil chemistry, soil fertility, soil genesis and classification, soil microbiology, soil mineralogy, soil physics, soil-plant-water relations, turfgrass science, weed science and water microbiology. Recipients of the MS and PhD degrees may obtain a research-, teaching-industry- or extension-oriented position upon graduation.

Research based distance education MS and PHD degrees in Plant Breeding are available and approved for distance education delivery.

Multidisciplinary programs can be arranged with other academic departments in the University.

Faculty

Aburto Guerrero, Felipe Andres, Assistant Professor
Soil & Crop Sciences
PHD, University of California Davis, 2014

Bagavathiannan, Muthukumar V, Professor
Soil & Crop Sciences
PHD, University of Manitoba, Canada, 2010

Baltensperger, David D, Professor
Soil & Crop Sciences
PHD, New Mexico State University, 1981

Carson, Katherine H, Instructional Assistant Professor
Soil & Crop Sciences
PHD, University of Arkansas, 1999

Deng, Youjun, Associate Professor
Soil & Crop Sciences
PHD, Texas A&M University, 2001

Finlayson, Scott A, Associate Professor
Soil & Crop Sciences
PHD, University of Calgary, 1994

Gentry, Terry J, Professor
Soil & Crop Sciences
PHD, University of Arizona, 2003

Howe, Julie A, Professor
Soil & Crop Sciences
PHD, University of Wisconsin, Madison, 2004

Hussey, Mark, Professor
Soil & Crop Sciences
PHD, Texas A&M University, 1983

Jessup, Russell W, Professor
Soil & Crop Sciences
PHD, Texas A&M University, 2005

Liu, Shuyu, Professor
Soil & Crop Sciences
PHD, University of Missouri-Columbia, 2003

McInnes, Kevin J, Professor
Soil & Crop Sciences
PHD, Kansas State University, 1985

Murray, Seth C, Professor
Soil & Crop Sciences
PHD, Cornell University, 2008

Okumoto, Sakiko, Associate Professor
Soil & Crop Sciences
PHD, Tübingen University, 2003

Rajan, Nithya, Professor
Soil & Crop Sciences
PHD, Texas Tech University, 2007

Redmon, Larry, Professor
Soil & Crop Sciences
PHD, Texas A&M University, 1992

Rooney, William L, Regents Professor
Soil & Crop Sciences
PHD, University of Minnesota, 1992

Septiningsih, Endang M, Professor
Soil & Crop Sciences
PHD, Cornell University, 2002

Smith, Ashly Peyton, Associate Professor
Soil & Crop Sciences
PHD, University of Wisconsin, Madison, 2013

Smith, C W, Professor
Soil & Crop Sciences
PHD, University of Tennessee, 1974

Stelly, David M, Professor
Soil & Crop Sciences
PHD, University of Wisconsin, Madison, 1983

Straw, Chase, Assistant Professor
Soil & Crop Sciences
PHD, University of Georgia, 2017

Szerlag, Kathryn, Assistant Professor
Soil & Crop Sciences
PHD, University of Delaware, 2021

Thomson, Michael J, Professor
Soil & Crop Sciences
PHD, Cornell University, 2002

Verhoef, Aart, Assistant Professor
Soil & Crop Sciences
PHD, Ludwig-Maximilians-Universität München, 2007

Wang, Ying, Assistant Professor
Soil & Crop Sciences
PHD, University of California, 2019

Wherley, Benjamin G, Professor
Soil & Crop Sciences
PHD, North Carolina State University, 2008

Wyatt, Briana, Assistant Professor
Soil & Crop Sciences
PHD, Oklahoma State University, 2019

Zhang, Hongbin, Research Professor
Soil & Crop Sciences
PHD, University of California at Davis, 1990

Masters

- Master of Science in Agronomy (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/agronomy-ms/>)
- Master of Science in Plant Breeding (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/plant-breeding-ms/>)
- Master of Science in Soil Science (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/soil-science-ms/>)

Doctoral

- Doctor of Philosophy in Agronomy (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/agronomy-phd/>)
- Doctor of Philosophy in Plant Breeding (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/plant-breeding-phd/>)
- Doctor of Philosophy in Soil Science (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/soil-crop-sciences/soil-science-phd/>)

Certificates

- Regulatory Science in Food Systems Certificate