

# Department of Crop and Soil Sciences

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We roll up our sleeves and get our hands dirty to accomplish great things in the Department of Crop and Soil Sciences. Our world-class undergraduate programs prepare students to answer environmental and agricultural challenges, building on our rich history of growing agricultural and environmental sciences in North Carolina and around the globe. But our focus is on the future, because the solutions for feeding a growing population, conserving natural resources and dealing with climate change are rooted in crop and soil sciences.

We conduct research that drives innovation and new technology, expands understanding and provides science-based information to solve problems, but we don't stop there. We make sure our graduates, stakeholders and partners put their gained knowledge and innovation to work for a better tomorrow.

The department offers a broad spectrum of undergraduate opportunities: three bachelor of science degrees, four minors, two certificates, and three associates of applied science. For information about our degrees, follow the links under "Plans" tab shown above.

For more information about this department, including contact information, visit our website (<http://go.ncsu.edu/cropandsoil/>).

## Contact Person

Undergraduate Programs Office  
Crop & Soil Sciences Department  
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[cropsoil-undergraduate-office@ncsu.edu](mailto:cropsoil-undergraduate-office@ncsu.edu)

## Faculty

### Department Head

Jeff Mullahey

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## Associate Department Heads

Ralph Dewey, *Philip Morris Professor*

Wei Shi

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## Directors

Owen Duckworth, *Professor and Director of Soil Science Graduate Programs*

Keith Edmisten, *Professor and Director of Undergraduate Programs*

Candace Haigler, *Professor and Director of Crop Sciences Graduate Programs*

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## Professors

A. Amoozegar

D. Crouse, *Associate Dean and Director of Academic Programs*

W. Everman

T. Gannon

L. Gatiboni, *Extension Specialist*

J. Havlin

R. Heiniger

J. Heitman, *William Neal Reynolds Professor & Alumni Distinguished Graduate Professor*

V. Kuraparthi

C. Iglesias, *Director of Plant Breeding Consortium*

D. Jordan, *William Neal Reynolds Professor*

V. Kuraparthi

R. Leon Gonzalez, *William Neal Reynolds Distinguished Professor and University Faculty Scholar*

R. Lewis, *University Faculty Scholar and Charles and Marilyn Stuber Distinguished Professor of Plant Breeding*

S. Milla-Lewis

G. Miller, *ENVU Distinguished Professor of Sustainability & Extension Specialist*

B. Patterson, *Alumni Distinguished Professor of Crop Science*

R. Richardson, *Extension Specialist*

M. Vepraskas, *William Neal Reynolds Professor*

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## Associate Professors

C. Cahoon, *Extension Weed Specialist: Corn & Cotton*

M. Castillo

G. Collins, *Cotton Extension Specialist*

J. Dunne

K. Garcia

A. Johnson

A. Post

M. Ricker

L. Unruh Snyder

M. Vann

R. Vann

A. Woodley

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## Assistant Professors

N. Bandillo

A. Bybee-Finley

A. Cardoso

J. Gage

S. Kulesza

H. Li

E. Ozlu

E. Rivers

D. Sihi

D. Suchoff, *Extension Assistant Professor*

R. Vann

A. Woodley

Q. Zhou

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## USDA Faculty

G. Brown-Guedira, *USDA Professor*

K. Burkey, *USDA Professor*

B. Fallen, *USDA Assistant Professor*

A. Franzluebbers, *USDA Professor*

J. Holland, *USDA Professor*

A. Hulse-Kemp, *USDA Assistant Professor*

M. Krakowsky, *USDA Associate Professor*

A. Locke, *USDA Assistant Professor*

R. Mian, *USDA Professor*

E. Taliercio, *USDA Assistant Professor*

R. Tisdale, *USDA Assistant Professor*

## Plans

- Agroecology & Sustainable Food Systems (BS): Agroecology Research & Production Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-sustainable-food-systems-bs-agroecology-research-production-concentration/>)
- Agroecology & Sustainable Food Systems (BS): Community Food Systems Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-sustainable-food-systems-bs-community-food-systems-concentration/>)

- Agroecology (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-minor/>)
- Crop and Soil Sciences (BS): Agronomy (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-agronomy/>)
- Crop and Soil Sciences (BS): Crop Biotechnology (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-crop-biotechnology-semester/>)
- Crop and Soil Sciences (BS): Soil Science (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-soil-science/>)
- Crop and Soil Sciences (BS): Turfgrass Science (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/turfgrass-science-bs/>)
- Crop Science (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-science-minor/>)
- Crop Science Certificate (Distance Education) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-science-certificate-distance-education/>)
- Natural Resources (BS): Soil, Water and Land Use Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/natural-resources-bs-soil-water-land-use-concentration/>)
- Regulatory Science in Agriculture (Certificate) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/ag-regulatory-science-certificate/>)
- Soil Science (Certificate) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/soil-science-certificate/>)
- Soil Science (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/soil-science-minor/>)
- Turfgrass (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/turfgrass-minor/>)