



College of Agriculture
and Natural Resources
MICHIGAN STATE UNIVERSITY

Department of Plant, Soil and Microbial Sciences

BY THE NUMBERS

200

undergrad
students

100

graduate
students

95%

student job
placement

70

faculty
members

5,086

alumni

ABOUT

Generates new knowledge and understanding about the biology of plants and plant pathogens, and the roles that soils, water and the environment play in the promotion of a sustainable and economically sound agricultural system and ecosystem.

With expertise ranging from ecosystems services and disease management to plant breeding, genomics and food safety, we provide leadership and deliver programs that are internationally recognized and respected and have impact at local, national and international levels. To provide this leadership, we work to effectively address complex problems and emerging threats that challenge food production and security.

PROGRAMS

Certificates: Institute of Agricultural Technology (IAT) offers two-year programs in:

- agricultural industries
- golf turf management
- sports and commercial turf management.

Undergraduate: Bachelor's degree with concentration in agronomic sciences, turfgrass management or advanced study for students attending graduate school. In addition, eight minors are offered.

Graduate: Master's and Ph.D. degrees

GIVING OPPORTUNITIES

There are various ways to support our faculty and students, including:

- Endowed professorship.
- Undergraduate student scholarships.
- Graduate fellowships and teaching assistant funding.

CONTACTS

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WAYS TO GET INVOLVED

LEARN: A desire for lifelong enrichment marks a true Spartan. A wide variety of programs are available in person and online for continues learning.

GET TOGETHER: On campus and throughout the world there are many opportunities for Spartans to connect with one another.

GIVE BACK: Spartans make a difference. Join our ranks of Spartans who are enhancing the MSU experience for students, faculty and staff.

TRADITIONS: There are many ways for alumni and fans to show their support of the university.

FIND OUT MORE: canr.msu.edu/alumniengagement

STAY CONNECTED

UPDATE your information: alumni.msu.edu/update.

EMAIL: Sign-up to receive the CANR Alumni newsletter: canr.msu.edu/alumninewsletter.

MAGAZINE: Read *In the Field*, featuring stories from the college. Join the mailing list by making a gift at the Spartan Loyal level or above.

WEB: canr.msu.edu/alumni

FOLLOW CANR on social:

STUDENTS

Students are focused in two important careers:

- food-producing industry
- turfgrass industry.

RESEARCH

- Improvement through developing and applying new technologies to study plant breeding for improvement in crop productivity and resilience to abiotic (climate) and biotic (pests) stresses.
- Environmental soil science with specific focus on remediation of soil contaminants and research on emerging contaminants (pharmaceuticals, PFAS, etc.).
- Protecting crops from diseases and weeds through studying pesticide resistance management, invasive species, and new and emerging pests.

OUTREACH

Outreach efforts in plant, soil and microbial sciences provide knowledge and educational programming to the citizens of Michigan. PSMS provides programming in fruit, vegetable, nursery, landscape and ornamental, turf and field crops pathology, manure and nutrient management, soil resources and biology, cropping and forage systems, turf management and weed management. Diagnostic Services was established in 1999 as a multidisciplinary plant health and pest diagnostic facility. Diagnosticians specializing in plant pathology, entomology, nematology and weed science work as a team to diagnose plant health and pest-related problems and provide recommendations.