



College of Agriculture
and Natural Resources
MICHIGAN STATE UNIVERSITY

Department of Fisheries and Wildlife

BY THE NUMBERS

240

undergrad
students

100

graduate
students

95%

student job
placement

40+

faculty
members

4,413

alumni

ABOUT

Building capacities to conserve ecosystems that support fish, wildlife and society through integrated programs in research, education and engagement.

Faculty and students are tackling challenges and developing solutions in various areas, including:

- Management for sustainable harvest of fisheries and wildlife populations.
- Development sound governance structures and effective policies.
- Assessment of the ecological status of animal populations and their ecosystems at broad geographic scales.
- Understanding and responding to emerging infectious diseases, global climate change, human-wildlife conflict, wildlife trafficking, environmental toxins and invasive species.

PROGRAMS

Undergraduate: Bachelor's degree in fisheries and wildlife with at least one of the following concentrations: conservation biology; wildlife biology and management; fisheries biology and management; water science; fish and wildlife disease ecology and management; or pre-veterinary. Several minors are also available.

Graduate: Thesis or non-thesis master's degree and Ph.D. degree in fisheries and wildlife. Graduate degree specializations and dual degrees integrative toxicology, resource economics, quantitative biology, ecology, or evolutionary biology and behavior.

GIVING OPPORTUNITIES

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

- Fisheries and wildlife excellence funds for research, annual graduate research symposium, publications, field trips, etc.
- Endowment of faculty.
- Study abroad scholarships.
- Graduate fellowships and teaching assistant funding.

CONTACTS

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Department of Fisheries and Wildlife



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:

RESEARCH

- Tracking and predicting the effects of environmental toxins on fish and wildlife. Currently working with the Michigan PFAS Action Response Team to help address PFAS issues and contamination across the state.
- Researching fish and wildlife disease prevention and control. With an emphasis on supporting fishery management agencies and aquaculture, efforts have led to over 10,000 Michigan fish being diagnosed each year.
- Research to protecting people from disease through microbiological water quality and public health safety. One landmark study discovered freshwater contamination stemming from septic systems, involved using source-tracking markers to sample 64 Michigan watersheds for E. coli. This method allows scientists to track down the origin of non-point pollution more accurately than ever before.

OUTREACH

Providing knowledge and educational programming to the citizens of Michigan and the world. These outreach projects address:

- emerging fish and wildlife diseases
- human-wildlife interactions
- aquatic nuisance species
- harvest management
- ecosystem management
- natural resource management systems
- tribal rights to natural resources
- natural resource stewardship
- ecosystem restoration
- youth programs.