DEPARTMENT OF ENTOMOLOGY, PLANT PATHOLOGY AND NEMATOLOGY

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The Department of Entomology, Plant Pathology and Nematology (EPPN) supports the Land Grant mission of the University of Idaho through our statewide programs of teaching, research and extension about insects and their relatives, plant pathogens and diseases, and nematodes. EPPN faculty include two of the fourteen University Distinguished Professors, an honorific rank reserved for those Professors whose internationally recognized excellence has brought greatest distinction to the University of Idaho.

Our undergraduate teaching program leads to a Bachelor of Science in Agricultural and Life Sciences with a Major in Entomology. We are unique among all universities in the Pacific Northwest and Intermountain West in offering a B.S. degree with a Major in Entomology. Our curriculum prepares students for immediate professional careers that preserve environmental quality and that protect food, people, animals and property. Faculty offer Directed Study, Special Topics and Seminar classes that allow for career specialization and for future advanced education at the graduate level. Students can gain research experience outside the classroom by working with EPPN faculty located on campus in Moscow and off-campus at University of Idaho Research and Extension Centers located at Aberdeen, Kimberly and Parma, Idaho. Opportunities include internships at the William F. Barr Entomological Museum, one of the most significant scholarly resources for insect species diversity in the Pacific Northwest with its collection of more than one million insect specimens.

For a personal tour of the Museum, contact Dr. Luc Leblanc, Curator, lleblanc@uidaho.edu.

We offer graduate programs leading to a Master of Science and Doctor of Philosophy with a Major in Entomology and a Major in Plant Pathology. Entomology faculty expertise is especially strong in interdisciplinary research approaches to arthropod-borne infectious agents, biological control, climate change and agriculture, host-plant resistance, insect behavior, insect chemical ecology, integrated pest management, and parasitology. Our graduates go on to research, teaching, extension and consulting careers in academia, industry and small business. For more information about the Entomology Major, contact Professor Mark Schwarzländer, Director of EPPN Graduate Studies, markschw@.uidaho.edu. For more information about the Plant Pathology Major, contact Professor Brenda Schroeder, bschroeder@uidaho.edu.

EPPN multidisciplinary research programs advance the fundamental science of our disciplines while contributing to the solution of real-world problems about food systems, environmental quality and human health. Faculty research last year was funded by more than $12.3 million in new and continuing competitively awarded grants by national and state agencies. Our statewide Extension outreach programs improve the lives of Idahoans and advance the public good by extending research-based knowledge for practical implementation around the home and farm. Approximately 9,100 people learned about insects, plant pathogens and nematodes at 200 on-site workshops, field days, seminars and other outreach events delivered across Idaho by EPPN faculty last year; our printed and online Extension publications reached 10,000’s homeowners and their families as well as commercial producers of agronomic field crops, horticultural food crops and landscape plants.

Majors

• Entomology (B.S.Ag.L.S.) (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/entomology-plant-pathology-nematology/entomology-bsagls/)

Minors

• Entomology Minor (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/entomology-plant-pathology-nematology/entomology-minor/)


Entomology, Plant Pathology and Nematology Graduate Programs

• Entomology (M.S.) (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/entomology-plant-pathology-nematology/entomology-ms/)

• Entomology (Ph.D.) (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/entomology-plant-pathology-nematology/entomology-phd/)

• Plant Pathology (M.S.) (https://catalog.uidaho.edu/colleges-related-units/agricultural-life-sciences/entomology-plant-pathology-nematology/plant-pathology-ms/)