Program at a Glance

- Trainees receive a PhD in Ecology from the Odum School of Ecology
- Guaranteed funding for five years
- Mentors drawn from the School of Ecology and ten other units from across the university
- Applicants from groups underrepresented in sciences are especially encouraged
- For more information and to apply, visit ideas.ecology.uga.edu

Reach the world through research

For more information, please contact

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Interdisciplinary Disease Ecology Across Scales (IDEAS) is a National Science Foundation-supported Research Traineeship Program at the University of Georgia that trains PhD students in new ways to solve infectious disease problems occurring at the interface of different scales of biological organization.

http://ideas.ecology.uga.edu
From Byte to Benchtop to Biosphere

IDEAS is designed to provide doctoral students with four essential skills:

• A strong conceptual foundation in infectious diseases spanning subcellular to biosphere scales

• Advanced technical and modeling skills providing an analytical toolbox for moving fluidly across scales

• Diverse professional development opportunities and communications training

• A global perspective on infectious disease issues

The Training Experience

• An intensive two-semester case study-based course on the fundamentals of infectious disease biology

• Computational workshops on advanced quantitative techniques

• An experiential capstone focused on resolving pressing research problems

• Faculty-led interest groups providing interdisciplinary discussion and mentoring on professional development

• Co-mentoring in research by two faculty members with expertise from different scales of biological organization

Real-World Application

• National and international internship opportunities in academic, governmental, and non-governmental agencies in more than 10 countries

• Science communication workshops focused on building skills related to communicating with the general public, news journalists, policymakers, and stakeholders