



UandI-DEECODE

Understanding Invasion and Disease Ecology and Evolution through Computational Data Education

National Science Foundation Research Traineeship Program

Trainees will use inquiry-based discovery and hands-on learning experiences to study the intersection of disease ecology, invasion biology, and data science.

Apply by January 15, 2023

Required Documents

- Curriculum Vitae
- Academic Transcripts
- Application Document

For any questions about the program, the application process, or submitting program application documents, please contact Greg Umhoefer, Project Coordinator, at gumhoefer@astate.edu or 870-972-3251.

“The interdisciplinary nature of our program will allow us to make important discoveries, advance science, and train a diverse scientific workforce.”

-Dr. Travis Marsico, Principal Investigator

Available Fields of Research

Artificial Intelligence
Biodiversity
Biogeography
Bioinformatics
Biotechnology
Botany
Coevolution
Computer Science
Conservation
Conservation Genetics
Data Science
Disease Biology
Disease Ecology
Evolutionary Computation
Genomics
Herpetology
Immunology
Invasion Biology
Machine Learning
Mammalogy
Orinthology
Parasitology
Phylogenetics
Physiology
Wildlife Management

Diversity and Inclusion

UandI-DEECODE is committed to creating an inclusive community of engaged students and recruiting students from historically marginalized groups. All interested students are encouraged to apply.

Funded Opportunity— 16 Ph.D. students will have up to four years of support including a stipend, academic tuition payment, and access to research, travel, and conference funds. Financial support will come from the National Science Foundation Research Traineeship, university program funds, and other external grants from academic mentors.

Non-Funded Opportunity— 54 additional M.S. and Ph.D. students with competitive access to travel funds, along with the ability to participate in workshops and present research.

Completed applications can be submitted starting in Fall 2022. Trainee acceptance decisions will be on-going beginning on February 1, 2023.

Make sure to apply by January 15, 2023 to receive full consideration for the 2023-2024 academic year.

Accepted students will begin the traineeship in Summer or Fall 2023.



www.astate.edu

**ARKANSAS STATE
UNIVERSITY**



www.nsf.gov