

FELLOWSHIPS IN COMPARATIVE GENOMICS

Graduate education at the University of Arizona
Supported by a grant from the National Science Foundation program for
Integrative Graduate Education and Research Traineeships (IGERT)

The NSF-IGERT Program in Comparative Genomics is an interdisciplinary program designed to provide graduate students with training in the areas of evolutionary, functional, and computational genomics

Activities

Interdisciplinary Research

- Interdisciplinary research in genomics
- Research rotation opportunities in many departments

“Comparative Genomics” Course

- Lectures and discussions on the basic findings and approaches in comparative genomics
- Hands on training in modern computational methods for genomics and bioinformatics
- Interdisciplinary collaborations on relevant research problems

“Research in Genomics” Course

- Apply the foundation knowledge developed in the “Comparative Genomics” course
- Select a research problem focusing on comparative genomics
- Publish a multi-authored paper or submit a research grant based on the results

Teaching and Outreach

- Develop a project in collaboration with a local high school teacher
- Introduce students to topics in genomics
- Teach a unit on biotechnology, genomics and/or evolution

Bi-weekly Discussion Group

- Research seminars by students and faculty
- Panel discussions on career development and ethics
- Talks by invited speakers

Visiting Scientists and Symposia

- Yearly symposia with visiting speakers
- Poster sessions and networking opportunities

Support

One and Two Year Fellowship Awards:

- \$30,000/year stipend
- Tuition waivers and health insurance
- Research and travel funds
- Open to U.S. citizens and permanent residents
- Fellowships available to both incoming and current Ph.D. students

More information, application instructions, and deadlines at:

www.genomics.arizona.edu

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