

Application instructions for 2020-21 NIH Training Grant Traineeship

Trainees are selected by the Training Grant Committee, which consists of six members. The current committee is Diana Downs (Microbiology), David Garfinkel (Biochemistry and Molecular Biology), Mary Goll (Genetics), David Hall (Genetics, director), Doug Menke (Genetics), and Robert Schmitz (Genetics).

Students selected to receive a T32 fellowship will be required to fulfill all training requirements.

Applicant prerequisites

- Student must be a US citizen or permanent resident of the US.
- Student must be in good standing at the University of Georgia, i.e. not on academic probation.
- Student must be on track with respect to deadlines, especially timing of written and oral exams (Departmental Graduate Affairs Committees may extend deadlines upon student petition).
- Student must be currently enrolled as a PhD graduate student, performing genetics research in a trainer's lab. Trainers: www.genetics.uga.edu/nih-training-grant-faculty
- Student must currently be in years 1–3 of PhD program. Please note that preference will be for current first and second years but third years will also be considered.
- Student must be willing to commit to all training requirements of the T32 training grant. Requirements include a dissertation with a substantial genetics component, GENE 8100 or equivalent, GENE 8620 (1 credit) or equivalent, 6 credit hours of graduate courses covering various areas of genetics (evolutionary genetics, molecular and developmental genetics, and genomics), at least three credit hours of graduate training in quantitative biology, and, while a trainee, enrollment in a one-hour graduate student seminar (Gene 8880), attendance of the weekly genetics seminar, and breakfasts with the Genetics speakers (~ 10 per year).
- Student's PI must be willing to attend mentor training if they have not already done so.

All eligible students in trainers' labs are encouraged to apply. Current trainees MUST apply to be considered for a second year of support.

Application (due March 16, 2020 at 5 pm)

Student applicants should submit the following by email to Susan White (whites@uga.edu).

I. Background information:

1. Undergraduate science courses with grades.
2. Graduate courses with grades. Indicate which courses were taken at UGA and whether they cover evolutionary genetics, molecular genetics, genomics, or quantitative biology.

II. Timeline:

1. Month and year of matriculation into PhD program.
2. Oral and written exam dates (actual or planned).
3. Expected graduation date.

III. Statement of interest: A one-page statement of interest describing previous research accomplishments, research findings, and current research interests, including an outline of dissertation research. *Statement must include details describing the genetic elements of the research.* Also include career plans. A brief but explicit description of how the fellowship would benefit your research and/or training goals should be included.

IV. Academic CV (see example CV on website): Academic CV should include:

Education: List previous degree(s) and institutions.

Awards / Honors: List any awards or honors received.

Publications: List all publications and indicate those that were peer-reviewed. Include manuscripts that have already been submitted for publication.

Research Support: List all research/training support applied for and any that was obtained.

Presentations: List scientific posters/talks given. Indicate whether talks were invited.

Teaching/Mentoring: List the courses you have taught and your role in those courses and students whose research you have mentored in the laboratory.

Outreach/Service: List outreach and any other contributions. Examples include departmental service, presentations in K-12 classrooms, consulting with students or teachers on projects, and judging science fairs.

Additional Training: Include any relevant courses you have participated in outside of those listed previously. Also list any industry internships or other relevant training experiences.

Complete applications must be received by March 16, 2020 at 5pm to be considered.