

GWHT Post-Baccalaureate Training Program

Application Deadline: May 1 2017, contact Rachel Barrera for more details

Notification Date: June 1 2017, contact Rachel Barrera for more details

Start Date: July 1, 2017 (with the possibility of doing senior year RA for one semester if the student is presently at Duke)

Eligibility Criteria for Post-Bac RA Program:

- 1) Expected to have already completed or will complete a Bachelor's Degree in Biomedical Engineering or related field by start date of program.
- 2) Preference will be given to students with substantial research experience or those who have demonstrated outstanding commitment to biomedical research.

Program Description: The GWHT Post-Bac RA Program provides recent college graduates planning to pursue further education or careers in biomedical sciences an opportunity to spend one year (with the option of extending it to a second year) performing full-time translational research in biomedical engineering. Post-bac RAs work side-by-side with undergraduate, graduate, and post-doctoral students to pursue a research project in the scope of biomedical engineering, especially pertaining to biophotonics, cancer prevention, and women's health. This program also provides a wide range of skills, including machine shop and fabrication techniques and technical and translational/clinical research investigations. Post-bac RAs may gain experience in student mentoring and scientific writing in the form of publications. You will be expected to work on the biological imaging project within the Tissue Optical Spectroscopy Lab. In particular, you will assist postdocs and the graduate students to construct microscopy imaging setups, validate imaging experiments through phantoms studies, and assist with studies involving animal tumor models.

Please visit <http://nimmi.bme.duke.edu/research-technologies> for more information.

If interested in applying, please send the items listed below to Rachel Barrera rachel.barrera@duke.edu

- Curriculum vitae
- 2 letters of recommendation (scientific/research-related)
- A one-page statement describing interest and qualifications for the program and how you believe it will affect your career goals