

GWHT Post-Baccalaureate Training Program

Application Deadline: Jan 1st, 2016

Notification Date: Jan 15th 2016

Start Date: August 1, 2016 (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) Applicants must be able to work full-time for the duration of the program and applicants, if accepted are strongly encouraged to serve one semester as an undergraduate research assistant, if the student is currently at Duke.
- 3) 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, technical and translational/clinical research investigations, scientific writing in the form of publications and grants and student mentoring. Specific areas of research opportunities include molecular imaging, cervical cancer screening for low resource communities, and breast cancer tumor margin assessment. Please visit <http://nimmi.bme.duke.edu/research-technologies> for more information.

Productive students will also have the opportunity to attend conferences such as the Annual Biomedical Engineering Society Conference (<http://bmes.org/annualmeeting>) and the Annual Biomedical Research Conference (<http://www.abrcms.org/index.php/travel-awards>).

Post-bac RAs will also have the opportunity to apply for various fellowships and funding sources such as the Whitaker Fellowship (<http://www.whitaker.org/>) (see below) and American Association for Cancer Research Prizes (http://www.aacr.org/EducationTraining/Pages/Science%20Education/undergraduate-student-caucus-and-poster-competition_541C10.aspx#.ViVFUPnF_VI).

If interested in applying, please send the items listed below to Nada Hussain (nh91@duke.edu):

- Curriculum vitae
- 2 letters of recommendation (at least 1 of which should be scientific/research-related)
- A one-page statement describing interest and qualifications for the program and how you believe it will affect your career goals