



## Combined Engineering and Orthopedic Training Program



**TO ALL CORNELL GRADUATE STUDENTS WITH AN INTEREST IN ENGINEERING & ORTHOPAEDICS**

The NIH-sponsored HSS-Cornell Combined Engineering and Orthopaedic Training Program has an immediate opening to financially and academically support a predoctoral trainee.

**Goal:** The goal of the program is to identify, train, and empower a select group of high potential trainees to **utilize the principles of engineering to advance patient care through interdisciplinary research** while nurturing them to become successful academic and clinical leaders in the musculoskeletal and orthopaedic sciences. This goal is achieved by providing carefully selected exceptional trainees with unique mentoring and research opportunities across the **HSS-Cornell Center for Advanced Materials and Engineering in Orthopedics (CAMEO)** <https://hsscameo.engineering.cornell.edu/> with an emphasis on interdisciplinary approaches to address engineering aspects of clinically relevant orthopedic problems.

**Applicants:** Individuals supported by this grant must be US citizens or noncitizen nationals (permanent residents). A particular emphasis will be placed on identifying pre-doctoral trainees who are willing to spend at least one semester located at the HSS main campus in New York City and on trainees who have a clear desire to pursue an academic career. Students must secure outstanding letters of recommendation from their Cornell mentor and an HSS-based clinical host that includes details of their commitment to train the applicant throughout the applicant's graduate studies. Applicants must also provide a detailed and cohesive research plan that can be advanced and supported by the Training Program.

**How to Apply:** A complete application must include the following: 1) a 1-page statement of career goals, interests, and recent achievements, with commentary on the applicant's willingness and ability to spend one semester at HSS and plans to pursue an academic career, 2) a curriculum vitae, 3) a letter of support from Cornell faculty, describing the financial support that will be leveraged to allow the applicant to finish their studies, confirming a high level of productivity in their first year of graduate school, and a commitment to be an engaged mentor in the program, and 4) an outstanding letter of recommendation and commitment to mentor the trainee from an HSS-based clinical mentor.

These materials should be submitted to: Judy Thoroughman [jmt14@cornell.edu](mailto:jmt14@cornell.edu) (no later than **July 1<sup>st</sup>, 2021**).

**Other Notes:** Predoctoral stipend levels are set by the NIH each year. The grant also provides the trainee with funds for supplies, tuition/fees, health insurance, and travel. Please visit the following website for more information: <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-049.html> If necessary, stipends/ tuition will need to be supplemented by the mentor using non-federally funded sources. Please email Judy Thoroughman [jmt14@cornell.edu](mailto:jmt14@cornell.edu) with administrative questions.

If you have questions about the **HSS-Cornell Combined Engineering and Orthopedic Training Program** please contact Cornell-based faculty who are members of the Executive Advisory Committee:

Larry Bonassar, PhD  
Marjolein van der Meulen, PhD  
Nelly Andarawis-Puri, PhD