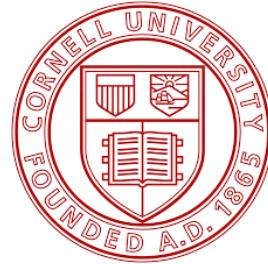




Combined Engineering and Orthopedic Training Program



TO ALL PGY4 CLINICAL RESIDENTS INTERESTED IN A STEP-OUT YEAR FOCUSED ON ENGINEERING AND ORTHOPEDICS: The NIH-sponsored HSS-Cornell Combined Engineering and Orthopedics Training Program has a fully funded opening for PGY4 clinical resident to pursue high caliber research directions in a step-out year.

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: Successful candidates must have completed an MD doctoral degree with a significant research component from an accredited institution and have distinguished themselves as an outstanding, high potential investigator through an exceptional track record of research, a productive line of investigation, and an expressed desire to develop a career in academic medicine. Trainees are expected to be committed to full-time research training, to participate in regularly scheduled research and clinical seminars both at HSS and Cornell, to engage in a self-selected classwork at the Clinical and Translational Science Center of Weill Cornell Medicine, and to meet annually with the Steering and Mentorship Committees of the Program.

Preference will be given to trainees who have a mentorship team that includes a multidisciplinary team (e.g., a clinician and a scientist) with current, recent, or pending federal funding and a research plan that leverages the application of engineering principles to orthopaedics.

How to Apply: A complete application must include the following: 1) a 1-page statement of career goals and interests, key achievements, with commentary on the applicant's plans to pursue a clinician-scientist career, 2) a curriculum vitae, 3) a strong letter from the proposed HSS mentor(s) describing the mentor's support of the applicant, their proposed research project and career trajectory, and the commitment of the mentor to be hands-on participant of the Training Program. These materials should be submitted to: Judy Thoroughman jmt14@cornell.edu (no later than **July 1st, 2021**).

Other Notes: The grant provides trainee related 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> Individuals supported by this grant must be US citizens or noncitizen nationals (permanent residents).

If you have questions about the **HSS-Cornell Combined Engineering and Orthopaedic Training Program** please reach out to any member of the Executive Advisory Board:

Mathias Bostrom, MD
Lionel Ivashkiv, MD
Joe Lane, MD
Suzanne Maher, PhD
Scott Rodeo, MD
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