

## **Brigham Surgical Training in Translational Academic Research (B-STAR)**

*Department of Surgery, Brigham and Women's Hospital & Harvard Medical School*

The Laboratory for Surgical and Metabolic Research in the Department of Surgery, Brigham and Women's Hospital and Harvard Medical School is seeking talented surgical residents who are interested in pursuing careers as academic surgeon-scientists.

The lab has a rich history of translational surgical science and is currently led by three NIH funded, surgeon-scientists. Our research focuses on understanding mechanisms of bariatric surgery in relation to gut microbiota and immunometabolism (Sheu), nutrient sensing and vagal regulation of GI function and metabolism (Tavakkoli), and colorectal cancer pathogenesis (Yoo). Our work bridges the bench and clinic with projects using cutting edge molecular techniques, animal surgical models, and clinical patient studies. We have active, close scientific collaborations with metabolism, microbiome, and cancer groups in the Harvard / Longwood Medical Area. Translation of scientific findings with a focus on innovation, collaboration with industry, and entrepreneurship is emphasized.

To learn more details of current projects and recent publications, please visit our website at [surgery.bwh.harvard.edu](http://surgery.bwh.harvard.edu).

The laboratory has an outstanding track record of preparing motivated surgical residents for future careers in academic surgery. Previous residents have been highly productive, with not only high impact publications but success at obtaining extramural research funding (ACS, NIH), and winning national research awards. Lab alumni have gone on to become surgical faculty in diverse sub-specialties with independent research programs.

This position is a unique opportunity to develop the skills, credentials, and mentoring networks to successfully pursue a career as an academic surgeon-scientist.

### **Qualifications:**

- M.D. or equivalent and categorical general surgery resident in good standing.
- Commitment to pursuing a career as academic surgeon-scientist
- Experience with basic laboratory techniques (molecular biology, cell culture) and/or small animal surgery is preferred but not required.
- Ability to work effectively with interdisciplinary teams.
- Interest and experience in mentoring students and trainees
- Excellent oral and written communication skills.

Please send cover letter, C.V., and references to Dr. Eric Sheu, Chief, Section of Bariatric and Foregut Surgery at [esheu@bwh.harvard.edu](mailto:esheu@bwh.harvard.edu).

*Harvard Medical School is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.*