

Faculty Name:

Elizabeth M. C. Hillman

Faculty Email:

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Lab:

Hillman Lab for Functional Optical Imaging

Project Title:

Optics, lasers and microscope design for brain research imaging

Description:

Seeking curious and creative HANDS-ON students to build and test new optical microscope designs. Ideally, you will have studied optics, lasers or related imaging technology. You will work with experts in the lab to learn about microscope design, system alignment, data acquisition and image analysis. Projects are looking at cleared human brain, as well as a range of in-vivo samples such as brain slices or small organisms.

Location of Research:

On-Site

of hrs/week:

35

Department/Program:

Biomedical Engineering

Eligibility:

BS, First Year, BS, Second Year, BS, Third Year, BS, Fourth Year, MS, If you are graduating soon, let me know!

To apply, please contact:

eh2245@columbia.edu