Faculty Name:
Karen Kasza

Faculty Email:
karen.kasza@columbia.edu

Lab:
Kasza Living Materials Lab

Project Title:
Understanding and Controlling Tissue Mechanics During Embryo Morphogenesis

Description:
Working with the PI and a graduate student in the lab, the student will work to understand and control how tissue mechanical properties and cell-generated mechanical forces shape tissues in the developing fruit fly embryo. The student will learn quantitative image analysis, confocal microscopy, and/or Drosophila genetics.

Location of Research:
On Site

# of hrs/week:
40

Department/Program:
Mechanical Engineering

Eligibility:
BS, Second Year, BS, Third Year, BS, Fourth Year, MS

To apply, please contact:
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karen.kasza@columbia.edu