

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:

Karen Kasza

karen.kasza@columbia.edu