

UNDERGRADUATE
RESEARCH & LAB JOB FAIR
HOSTED BY ECE



Project student will be supporting:
Computational Imaging Research

Sponsor:
Professor Vivek Goyal

Hours per week:
Spring 2026: up to 10 hours per week; Summer 2026: up to 40 hours per week; Fall 2026: up to 10 hours per week

Paid?

Paid all semesters

Job description:

With the innate human ability for visual information processing, seeing is believing, seeing is understanding, and seeing is even central to hypothesizing. Unconventional sensing, sophisticated modeling, and abundant computational resources are revolutionizing imaging.

My group has a variety of projects ranging from purely probabilistic modeling and simulation to processing of data acquired with particle beam microscopes and hyperspectral longwave imagers. Hiring will be based more on qualifications than on needs in specific projects.

Qualifications:

- * Strong command of introductory probability (EK 381)
- * Strong command of basic linear algebra (EK 103)
- * Ability to program in MATLAB or Python
- * Excitement for open-ended exploration of scientific concepts

