

FACULTY MENTOR

Lo, Yuhwa

PROJECT TITLE

Biophotonic systems for medical research

PROJECT DESCRIPTION

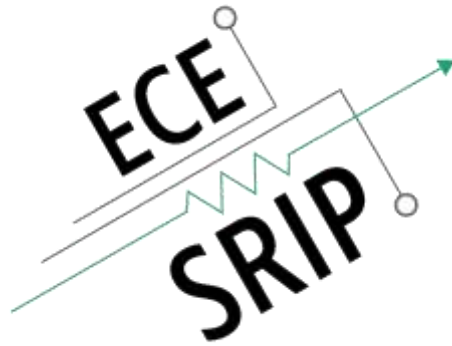
We will design and develop optical (2D and 3D) imaging systems for high throughput imaging for biological cells and tissues.

INTERNS NEEDED

2 MS students

PREREQUISITES

Background in optics (Know Fourier optics and ray tracing software).



FACULTY MENTOR

Lo, Yuhwa

PROJECT TITLE

Image processing and machine learning for biological systems

PROJECT DESCRIPTION

We develop image processing and machine learning algorithms to recognize and classify biological cells and tissues for cell analysis and disease diagnosis.

INTERNS NEEDED

1 MS student

PREREQUISITES

Background in machine learning, artificial intelligence.