



## Seminar Schedule:

**Wednesday, Oct. 12, 2016**

University of Delaware, Delaware Biotechnology Institute  
15 Innovation Way, Rm 102, Newark, DE 19711

**9:15 – 10:00 am, Practical Considerations in Fluorescence Imaging (Michelle Yan)**

10:00 – 10:15 am, break/snacks provided

**10:15 am-11:00am, Live Cell Imaging and Automated Analysis (Michelle Beaucher)**

Registration is required for seminars, <http://bioimaging.dbi.udel.edu/upcoming-events/>

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## About the Seminars:

### **Practical Considerations in Fluorescence Imaging**

In this seminar we will discuss a powerful toolbox of probes and applications in cell biology using fluorescence microscopy. Topics will include:

- Imaging considerations: labeling tips and tricks
- Antibody labeling strategies
- Cellular structure, organelle dynamics and cellular function

### **Live Cell Imaging and Automated Analysis**

In this seminar we will discuss techniques for live cell imaging and approaches for rapid quantification of fluorescent data. Topics will include:

- Challenges to live cell imaging: reducing background and increasing signal
- Techniques to reduce photobleaching and phototoxicity
- Imaging under Hypoxic conditions with the Evos FL Auto 2
- Introduction to automated quantification of image data with HCS Studio