

# OHSU Research Cores and Shared Resources

## Advanced Light Microscopy

@ The Jungers Center

OHSU cores are your campus technology partners dedicated to the success of your project. For optimal results, take advantage of the state-of-the-art scientific resources within the OHSU community.

[www.ohsu.edu/cores](http://www.ohsu.edu/cores)



## OHSU Focus on Microscopy

a forum for bringing imaging enthusiasts together

**Director**  
Stefanie Kaech Petrie

**Staff**  
Aurelie Snyder

**Location**  
BRB  
4th Floor  
3181 SW Sam Jackson  
Park Road,  
Portland OR 97239



**Email**  
[almc@ohsu.edu](mailto:almc@ohsu.edu)

**Phone**  
503.494.3963  
503.494.4780

### Friday, August 2<sup>nd</sup> Vollum M1441

- |         |  |
|---------|--|
| 2 pm    | <i>Opening Remarks</i>   |
| 2:05 pm | <i>New EM Capabilities at OHSU</i><br>Chris Arthur, FEI Living Lab   |
| 2:35 pm | <i>Devil in the Details: Sample Processing for Electron, Superresolution and Correlative Light Microscopy</i><br>Danielle Robinson, Zhong Lab, Vollum  |
| 3:05 pm | <i>Break</i>   |
| 3:20 pm | <i>Photoactivated Localization Microscopy with Bimolecular Fluorescence Complementation (BiFC-PALM): Imaging Protein-Protein Interactions with Nanometer Resolution</i><br>Xiaolin Nan, OCSSB/Biomedical Engineering |
| 4:40 pm | <i>Principles and Applications of Optical Coherence Tomography</i><br>Dominic Siler, Dept. Anesthesiology  |
| 4:10 pm | <i>Choosing a Sample Mounting Medium</i><br>Stefanie Kaech, ALM Core @ The Jungers Center  |
| 4:25 pm | <i>Closing Remarks</i>   |