8:30am – 9:00am **Coffee and Poster / Vendor Setup**

9:00am – 9:15am **Welcome and Introduction**

E. Michael Ostap, PhD
Director, Pennsylvania Muscle Institute
Professor of Physiology

Jonathan Epstein, MD
William Wikoff Smith Professor
Chief Scientific Officer and Executive Vice Dean
Penn Medicine

9:15am – 10:00am **Joerg Bewersdorf, PhD**
Associate Professor of Cell Biology and of Biomedical Engineering, Yale University
"Live-cell optical microscopy beyond the diffraction limit"

10:00am – 10:30am **E. James Petersson, PhD**
Associate Professor of Chemistry, University of Pennsylvania
"Fluorescent amino acids for studying protein folding in vitro and in living cells"

10:30am – 11:00am **Coffee Break, Posters, & Vendor Show**

11:00am – 11:15am **Short Presentation**

11:15am – 11:45am **Brian Chow, PhD**
Assistant Professor of Bioengineering, University of Pennsylvania
"Optogenetic technologies for interfacing biological circuits"

11:45am – 12:00pm **Short Presentation**

12:00pm – 12:15pm **Andrea Stout, PhD**
Director of the Cell and Developmental Biology Microscopy Core
"Overview of the CDB Light Microscopy Core"

12:15pm – 1:30pm **Lunch, Posters, & Vendor Show**

1:30pm – 2:15pm **Samie Jaffrey, MD, PhD**
Professor of Pharmacology, Weill Cornell Medical College
"Imaging RNA and RNA biology using RNA mimics of green fluorescent protein"

2:15pm – 2:30pm **Short Presentation**

2:30pm – 3:00pm   **Coffee Break, Posters, & Vendor Show**

3:00pm – 3:30pm   **Michael Lampson, PhD**
Associate Professor of Biology and Graduate Chair in Biology, University of Pennsylvania
"Optogenetic control of cell biology: modular chemical probes for light-induced protein dimerization"

3:30pm – 4:30pm   **Xiaowei Zhuang, PhD**
Howard Hughes Medical Institute Investigator
David B. Arnold Jr. Professor of Science
Professor of Chemistry and Chemical Biology
Professor of Physics, Harvard University
"Illuminating biology at the nanoscale with single-molecule and super-resolution fluorescence microscopy"

4:30pm – 5:30pm   **Coffee Break, Posters, & Vendor Show**