

8:30 – 9:00 a.m.	<b>Registration, Breakfast &amp; Poster Set-Up</b>	1:15 – 1:20 p.m.	<b>Group Picture</b>
9:00 – 9:05 a.m.	<b>Introduction</b> Mark Dumont, Ph.D. BSCB Retreat Organizer	1:20 – 1:45 p.m.	<b>Eastman House Tour</b>
9:05 – 9:35 a.m.	<b>Michael Gleghorn, Ph.D.</b> Department of Biochemistry & Biophysics <i>Physical Coupling of Transcription and mRNA Processing Machinery: Revealing the X-ray Crystal Structure of a Transcriptional Co-Activator Bound to the CBP80/20 Cap-Bound Complex</i>	1:45 – 2:25 p.m.	<b>Franz Gruswitz, Ph.D.</b> Group Leader, Structural Biology, Omeros Corporation <i>Structure of Free Fatty Acid Receptor 1 (GPR40) Bound to Partial Agonist TAK-875 (Fasiglifam)</i>
9:35 – 10:15 a.m.	<b>James McGrath, Ph.D.</b> Department of Biomedical Engineering <i>The Story of SiMPore and Very Tiny Membranes</i>	2:25 – 2:55 p.m.	<b>Kathleen Clark, Ph.D.</b> Department of Biochemistry & Biophysics <i>The Inhibition of the Zinc Metalloprotease, ZMPSte24, by Inhibitors of the HIV-1 Aspartyl Protease</i>
10:15 – 10:55 a.m.	<b>Morning Break/Poster Session (Odds)</b>	2:55 – 3:35 p.m.	<b>Afternoon Break/Poster Session (Evens)</b>
10:55 – 11:35 a.m.	<b>Tingting Yang, Ph.D.</b> Department of Biochemistry and Molecular Biophysics, Columbia University <i>An Interdisciplinary Approach to Study Disease-Related Ion Channels</i>	3:35 – 4:15 p.m.	<b>Sina Ghaemmaghami, Ph.D.</b> Department of Biology <i>Global Analysis of Autophagic Flux in Human Cells</i>
11:35 – 12:05 p.m.	<b>Jeffrey Zuber, Ph.D.</b> Department of Biochemistry & Biophysics <i>Determining the Effects of Error in RNA Folding Parameters on Structure Prediction</i>	4:15 – 4:45 p.m.	<b>Hanyuan Zhang, M.S.</b> Rochester Advanced Materials Science Program <i>Label-Free Human Monoclonal Antibody Arrays for Influenza Virus Profiling</i>
12:05 – 12:15 p.m.	<b>Neuman Tribute</b> Thomas Gunter, Ph.D.	4:45 – 4:50 p.m.	<b>Mixer Award</b> Leslie Salas-Estrada & Louis Smith BSCB Retreat Student Organizers
12:15 – 1:00 p.m.	<b>Lunch</b>	4:50 – 5:00 p.m.	<b>Elena Gilde Grossfield Trainee Presentation Award</b> Alan Grossfield, Ph.D. BSCB Retreat Organizer
1:00 – 1:15 p.m.	<b>Eastman House Presentation</b> Allen Buell <i>Special Events Director</i>	5:00 p.m.	<b>Closing Remarks</b> David Mathews, M.D., Ph.D. BSCB Program Director

**The 2015 Annual BSCB Retreat is sponsored by:**

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**University of Rochester**

**Biophysics, Structural and**

**Computational Biology**

**Program Retreat**

**Monday, October 5, 2015**

**George Eastman House**

**900 East Avenue**

**Rochester, New York 14607**

**Faculty Organizer: Dr. Mark Dumont & Dr. Alan Grossfield**

**Student Organizers: Leslie Salas-Estrada & Louis Smith**

**Staff Organizers: LaSarah Reynolds & Amanda Gibson**

**The Biophysics Retreat is partially funded by the  
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