

8:30 – 9:00 a.m.	Registration, Breakfast & Poster Set-Up	1:00 – 1:20 p.m.	Richard Watson, Ph.D. (Advisor: Dr. Hayes) Department of Biochemistry & Biophysics <i>A Novel Method of Radiation Biodosimetry Based on Protein Biomarkers</i>
9:00 – 9:05 a.m.	Introduction Dmitri Ermolenko, Ph.D., BSCB Retreat Organizer	1:25 – 2:15 p.m.	Career Panel Discussion Dr. Holger Sondermann Dr. Alexey Gribenko Dr. Lauren O'Neil Dr. Moumita Das
9:10 – 9:40 a.m.	Holger Sondermann, Ph.D. Department of Molecular Medicine, Cornell University <i>Molecular Insights into Membrane Fusion</i>	2:20 – 3:00 p.m.	Afternoon Break/Poster Session (Evens)
9:45 – 10:05 a.m.	Anant Agrawal, M.S. (Advisor: Dr. Kielkopf) Department of Biochemistry & Biophysics <i>High Resolution Structure of Intact U2AF⁶⁵ Recognizing a PolyU Splice Site Signal</i>	3:05 – 3:25 p.m.	He Fang, M.S. (Advisor: Dr. Hayes) Department of Biochemistry & Biophysics <i>Nucleosome Directed Folding of the Linker Histone C-Terminal Domain</i>
10:10 – 10:30 a.m.	Alexey Gribenko, Ph.D. Principal Scientist, Pfizer <i>Three-Dimensional Structure and Biophysical Characterization of Staphylococcus Aureus Cell Surface Antigen – Manganese Transporter MntC</i>	3:30 – 3:40 p.m.	BSCB Mixer Award Presented by Sarah Loerch & Dhruvo Jyoti Basu Roy
10:30 – 11:10 a.m.	Morning Break/Poster Session (Odds)	3:45 – 4:05 p.m.	Michael Gleghorn, Ph.D. (Advisor: Dr. Maquat) Department of Biochemistry & Biophysics <i>Staufen-Mediated Activation of UPF1 RNA Helicase Activity</i>
11:15 – 11:35 a.m.	Elizabeth Anderson, Ph.D. (Advisor: Dr. Miller) Department of Dermatology <i>Peptide-Based Strategies to Disrupt Tight Junction Barrier Function</i>	4:10 – 4:40 p.m.	Douglas Turner, Ph.D. Department of Chemistry <i>A Random Walk to and Through Academia</i>
11:40 – 12:00 p.m.	Paul Kammermeier, Ph.D. Department of Pharmacology and Physiology <i>A Novel Functional Interaction Between Metabotropic Glutamate Receptors 1 and 5</i>	4:45 – 4:55 p.m.	Elena Gilde Grossfield Trainee Presentation Award Alan Grossfield, Ph.D. Department of Biochemistry & Biophysics
12:00 – 1:00 p.m.	Lunch	5:00 p.m.	Closing Remarks David Mathews, M.D., Ph.D. BSCB Program Director

University of Rochester

**Biophysics, Structural and
Computational Biology**

Program Retreat

Monday, October 14, 2013

Memorial Art Gallery

500 University Avenue

Rochester, New York 14607

Faculty Organizer: Dr. Dmitri Ermolenko
Student Organizers: Sarah Loerch & Dhruvo Jyoti Basu Roy
Staff Organizers: Aleksandra Jaskowiak, Melissa Vera &
LaSarah Reynolds

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