10:00 AM   Welcome   David W. Seybert, Ph.D., Dean, Bayer School of Natural and Environmental Sciences, Duquesne University

10:10 AM   Keynote Address   Karl Haider, Ph.D., Bayer MaterialScience
            “Megatrends and Materials, Meeting the Challenges of the 21st Century”

11:00 AM Student Presentations

Kyle Reeping   Future of Antibiotics: Carboxyphosphate Binding in N5-CAIR Synthetase
Department of Chemistry & Biochemistry, Duquesne University

Jacqueline Bliley   Acute Stress Response as an Adaptive Mechanism in Salamanders
Department of Biological Sciences, Duquesne University

Justin Stickel   Gravitational Radiation from an Electroweak Phase Transition in the Early Universe
Department of Physics and Astronomy, University of Pittsburgh

11:45 AM   Short Break

Minjal Pancholi   Identifying the Critical Residues of Protein Family OxyR that Cause Oxidative Stress Response in Bacteria
Pittsburgh Supercomputing Center, Carnegie Mellon University

Damilola Adepegba   Chemicals Targeting an HIV-1 Nef/Host Cell Kinase Complex as Novel Anti-Retroviral Compounds
Departments of Pharmaceutical Sciences and Chemistry, University of Pittsburgh

Candice Kruth   Identification and Analysis of a Novel TRPM8 Splice Variant Using a Rat Neuropathic Pain Model
Department of Biological Sciences, Duquesne University

Matthew Taylor   Further Decreasing the Environmental Impact of Copper Catalyzed Atom Transfer Radical Addition
Department of Chemistry and Biochemistry, Duquesne University

Session Moderator   Michael Seaman, Ph.D.; Department of Biological Sciences, Duquesne University