

CHEMISTRY

FALL 2016 Seminar Schedule

September 8

Dr. Woody Sherman

Vice President, Applications Science
Schrodinger, Inc.

Adjunct Professor, UMass Amherst

*“Next Generation Free Energy
Calculations in Drug Discovery”*

Host: Scott Auerbach

September 15

Professor Derek Wilson

York University, Canada
Department of Chemistry

*“Mass Spectrometry-Enabled
Drug Development in Cancer and
Neurodegenerative Disease”*

Host: Richard Vachet

September 22

Professor Thomas O’Halloran

Northwestern University
Department of Chemistry

*“Elements of Health and Disease:
Inorganic Fluxes and Metal Receptors
That Control of Cell Fate Decisions”*

Host: Jeanne Hardy

September 29

Professor Floyd Romesberg

The Scripps Research Institute
Department of Chemistry

*“A Semi-Synthetic Organism with an
Expanded Genetic Alphabet”*

Host: S. Thai Thayumanavan

October 6

Professor Matthew Bogoy

Stanford University
Department of Pathology

*“Imaging Protease Activity with Small
Molecule Probes: Applications to
Cancer and Infectious Diseases”*

Host: Michelle Farkas

October 13

Professor Daniele Fabris

SUNY, Albany
Department of Chemistry

*“MS-Based Approaches for
Investigating Nucleic Acid Structure
and Dynamics”*

Host: Igor Kaltashov

October 20

Professor Mark Akeson

UC Santa Cruz Genomics Institute &
Biomolecular Engineering Department

*“Three Decades of Nanopore
Sequencing”*

Host: Min Chen

October 27

Professor Tom Mallouk

Pennsylvania State University
Department of Chemistry

*“Assembly and Disassembly of
Layered Materials”*

Host: Kevin Kittilstved

November 3

Professor Carrie Partch

University of California, Santa Cruz
Department of Chemistry and
Biochemistry

*“Dynamic Protein Interactions Establish
the 24-Hour Circadian Clock”*

Co-hosts: Michelle Farkas and Lynmarie
Thompson

***November 10**

**4 pm seminar, 3:30 pm refreshments
LSL S330-340**

**WILLIAM E. MAHONEY ANNUAL
LECTURE IN CHEMISTRY**

Professor Stuart Schreiber

Harvard University
Department of Chemistry
and Chemical Biology

*“Chemistry Towards Novel Mechanism-
of-Action (nMoA) Compounds in
Therapeutics Discovery”*

Host: Michelle Farkas

***November 15–Tuesday**

**11:30 am seminar, 11:00 am
refreshments**

**RICHARD STEIN-COVESTRO
HONORARY SEMINAR IN POLYMER
CHEMISTRY**

Professor Krzysztof Matyjaszewski

J. C. Warner University Professor
of Natural Sciences

Carnegie Mellon University
Department of Chemistry

*“Macromolecular Engineering by
Taming Free Radicals”*

Host: Michelle Farkas

November 17

Professor David Vanden Bout

University of Texas at Austin
Department of Chemistry and Biochemistry

*“From Single Polymer Chains to
Bulk Films: Structure-Photophysics
Correlations in Single Conjugated
Polymers”*

Host: Michael Barnes

November 24

Thanksgiving holiday - NO SEMINAR

December 1

Professor Liviu Movileanu

Syracuse University
Physics Department

*“Interrogating the Membrane Protein-
Detergent Interfacial Dynamics”*

Host: Min Chen

December 8

Professor Gang Han

UMass Medical School
Department of Biochemistry and Molecular
Pharmacology

*“Small and Bright: Tailoring Luminescent
Nanoparticles in Biology”*

Host: S. Thai Thayumanavan

December 15

Professor Steven H. Liang

Harvard Medical School
Gordon Center for Medical Imaging &
Nuclear Medicine and Molecular Imaging

*“Precision PET Radiochemistry and
Radiotracer Development”*

Host: Michelle Farkas