



Columbia University Department of Chemistry

Colloquia, Fall 2006



September 7, 2006

"Diversity and Design: New Small Molecule Probes for Biology and Medicine"
Derek Tan Memorial Sloan-Kettering Sponsor: Virginia Cornish

September 21, 2006

"Spectroscopy and Dynamics of Free Radicals: Unexpected Nonstatistical Dissociations and Quasiperiodic Trajectories"
Peter Chen ETH Hönggerberg Sponsor: Louis Brus

September 28, 2006

"Molecules Under Stress: Mechanisms and Mechanics From Single Molecules to Bulk Materials"
Steve Craig Duke University Sponsor: Colin Nuckolls

October 6, 2006
(Friday)

Wyeth Workshop
"Activity-based Proteomics"
Ben Cravatt The Scripps Research Institute Sponsor: Koji Nakanishi

October 12, 2006

"High-resolution single-molecule spectroscopy and 3D single-nanoparticle tracking"
Haw Yang University of California, Berkeley Sponsor: Ruben Gonzalez

October 19, 2006

"Metal Catalyzed One Step Synthesis: Developing New Routes to Heterocycle and Amino Acid Formation"
Bruce Arndtsen McGill University Sponsor: Jack Norton

October 30, 2006
(Monday)

Boehringer Ingelheim Lecture in Organic Synthesis
"Catalysis for Total Synthesis"
Alois Fürstner Max-Planck-Institut Sponsor: James Leighton

November 2, 2006

"From Targets to Strategies and Back Again: Some Examples from Complex Molecule Synthesis"
Andrew Phillips Colorado University Sponsor: Tristan Lambert

November 9, 2006

"There and Back Again: Homogeneous Catalytic Approaches for Converting Methane to Methanol, and Methanol to a More Interesting Hydrocarbon"
Jay Labinger Caltech Sponsor: Jack Norton

November 16, 2006

"Spatial organization and the mechanics of cellular signal transduction"
Jay Groves University of California, Berkeley Sponsor: Laura Kaufman

November 30, 2006

"Catalysis with Iron"
Paul Chirik Cornell University Sponsor: Gerard Parkin

December 7, 2006
(4:00pm)

The Bristol-Myers Squibb Mini-Symposium in Organic Synthesis
"The Process Development of an MMP Inhibitor: Development and Execution of a Crystallization Driven Dynamic Resolution"
Robert Discordia Bristol-Myers Squibb Sponsor: James Leighton
"The Allure of the Guanidinium Toxins as Targets for Chemical Synthesis"
Justin DuBois Stanford University Sponsor: James Leighton

December 14, 2006

"Seminar title TBA"
Richard Friesner Columbia University