



Columbia University Department of Chemistry  
Spring 2013 Colloquia



Jan-11-2013 * Friday * 3:30pm	<b>THE BRISTOL-MYERS SQUIBB LECTURE</b> <i>"Discovery and Development of a Scalable Synthesis for a New Drug Candidate"</i> <b>David Kronenthal</b> , Bristol-Myers Squibb <i>"Studies in Natural Product Synthesis"</i> <b>Phil Baran</b> , Scripps Research Institute	Host: James Leighton
Jan-24-2013	<b>THE ARUN GUTHIKONDA LECTURE</b> <i>"Autonomic Self-Healing and Materials Regeneration"</i> <b>Jeffrey Moore</b> , University of Illinois at Urbana-Champaign	Host: Colin Nuckolls
Jan-31-2013	<i>"Entropic Bonding in Colloidal Fluids and Crystals"</i> <b>Sharon C. Glotzer</b> , University of Michigan	Host: Angelo Cacciuto
Feb-07-2013	<i>"Bond activations and new transformations in metal-silicon complexes: Implications for hydrosilylation"</i> <b>T Don Tilley</b> , University of California, Berkeley	Host: Gerard Parkin
Feb-14-2013	<i>"Target-Driven Total Synthesis"</i> <b>Seth Herzon</b> , Yale University	Host: James Leighton
Feb-21-2013	<b>THE GRANDPIERRE LECTURE</b> <i>"Polymer solutions as a model cytoplasm in primitive artificial cells based on lipid vesicles"</i> <b>Christine Keating</b> , Penn State University	Host: The Chandler Society
Feb-28-2013	<i>"Unsaturated Metal Isocyanides"</i> <b>Josh Figueroa</b> , University of California, San Diego	Host: Gerard Parkin
Mar-07-2013	<i>"Structurally dynamic polymers: From optically-healable materials to mechanically-adaptive films"</i> <b>Stuart Rowan</b> , Case Western Reserve University	Host: Luis Campos
Mar-14-2013	<i>"Irreversibility and the Second Law of Thermodynamics at the Nanoscale"</i> <b>Christopher Jarzynski</b> , University of Maryland	Host: Bruce Berne
Mar-28-2013	<i>"Quantum Mechanical Evaluation of Energy Conversion Materials for Generating Electricity and Fuels"</i> <b>Emily Carter</b> , Princeton University	Host: Richard Friesner
Apr-05-2013 * Friday * 3:30pm * 309 Havemeyer	<b>THE GILBERT STORK LECTURE</b> <i>"Surprises and Discoveries with Natural Products of Human Origin"</i> <b>Erick Carreira</b> , ETH Zürich	Host: Scott Snyder
Apr-11-2013	<b>THE BRIAN BENT LECTURE</b> <i>"Nanotechnology meets Biology in the cancer cell"</i> <b>Mostafa El-Sayed</b> , Georgia Institute of Technology	Host: Kenneth Eisenthal
Apr-15-2013 * Monday * 4:00pm	<b>NOVARTIS LECTURE</b> <i>"Cancer Chemical Biology"</i> <b>Greg Verdine</b> , Harvard University <i>"Identification of Broad Spectrum Antiviral Compounds and an Assessment of the Druggability of their Target for Efficacy against RSV"</i> <b>Simon Bushell</b> , Novartis	Host: Dalibor Sames
Apr-18-2013	<i>"Bioorthogonal Chemistry for Glycoprofiling and Beyond"</i> <b>Carolyn Bertozzi</b> , University of California, Berkeley	Host: Graduate Students
Apr-25-2013	<i>"Activation of C-H Bonds by Pincer-Iridium Complexes. Catalysis and Fundamental Studies"</i> <b>Alan Goldman</b> , Rutgers, the State University of New Jersey	Host: Jack Norton
May-02-2013	<i>"Engineering molecular motors"</i> <b>Zev Bryant</b> , Stanford University	Host: Ruben Gonzalez
May-30-2013	<b>THE RAMABRAHMAN &amp; BALAMANI GUTHIKONDA LECTURE</b> <i>"Building molecules to improve human diseases"</i> <b>Roger Tsien</b> , University of California, San Diego	Host: Wei Min

All lectures take place on Thursdays in The Brian Bent Memorial Lecture Hall, Room 209 Havemeyer Hall at 4:30pm (unless otherwise indicated)

Tea & cookies will be served in The Miller Seminar Room 328 Havemeyer Hall prior to each lecture.

Please check our web site for updates at: <http://www.columbia.edu/cu/chemistry/misc-pages/calendar.html>.