

**Synthesis, Chemical Biology, Bio-organic, and Materials Seminars, Fall 2007-Spring 2008**  
**4:00 PM in Cristol Chemistry 142**

<b>Date</b>	<b>Speaker and Title</b>		<b>Host</b>
Tues 18 Sept	<b>Rich Carter</b> , Oregon State University <i>Development of Novel Approaches to the Synthesis of Structural Complex Natural Products and Nonnatural Compounds</i>	Synthesis	Phillips
Tues 2 Oct	<b>Julius Rebek</b> , The Scripps Research Institute <i>The Inner Space of Molecules</i>	Molecular Recognition/Materials	Walba
Tues 16 Oct	<b>Mary Kay Pflum</b> , Wayne State University <i>Chemical Approaches to Monitoring Protein Phosphorylation</i>	Chemical Biology	Phillips/Sammakia
Tues 30 Oct	<b>Wei Wang</b> , University of New Mexico <i>Organocatalytic Enantioselective Cascade Reactions</i>	Synthesis	Sammakia/Phillips
Tues 6 Nov	<b>Michal Hocek</b> , Academy of Sciences of the Czech Republic <i>New C-C Bond Forming Reactions for Efficient Synthesis of Novel Types of Modified Nucleobases, Nucleosides, Nucleotides and Nucleic Acids</i>	Bio-organic	Kuchta
Tues 13 Nov	<b>Siegfried Blechert</b> , Technische Universität Berlin <i>Reaction Cascades and Natural Products – A Powerful Combination</i>	Roche Lecture	Phillips
Tues 27 Nov	<b>Fred Lewis</b> , Northwestern University <i>Dynamics of Charge Transfer Processes in DNA</i>	Cristol Lecture	Peters/Ellison
Tues 11 Dec	<b>Rick Danheiser</b> , MIT <i>New Cycloaddition and Annulation Strategies for the Synthesis of Heterocyclic Compounds</i>	Roche Lecture	Phillips
Tues 29 Jan	<b>Mitsuo Kira</b> , Tohoku University <i>Stable Disilenes and Related Unusual Silicon Compounds</i>	Main Group Chemistry	Michl
Tues 12 Feb	<b>Andrei Kutateladze</b> , University of Denver <i>Photolabile Reporters of Molecular Recognition: Caging, Tagging and Photoamplification</i>	Physical Organic	Michl/Phillips
Tues 19 Feb	<b>Ilya Zharov</b> , University of Utah <i>Responsive Nanoporous Organic-Inorganic Colloidal Materials</i>	Materials	Michl
Tues 26 Feb	<b>Derek Tan</b> , Sloan Kettering Institute <i>Diversity and Design: New Small Molecule Probes for Biology and Medicine</i>	Chemical Biology	Phillips
Tues 11 Mar	<b>Ned Bowden</b> , University of Iowa <i>Synthesis and Assembly of Comb Block Copolymers into Photonic Materials and Interesting New Applications for Polymers in Organic Synthesis</i>	Materials	Gin
Tues 1 Apr	<b>Barry Trost</b> , Stanford University <i>On Inventing Reactions for Atom Economy</i>	Roche Lecture	Phillips
<b>Thurs 10 Apr</b>	<b>Andy Evans</b> , University of Liverpool <i>Interface of Theory and Experiment in the Design and Development of New Higher-Order Rhodium-Catalyzed Carbocyclizations Reactions</i>	Special Seminar	
Tues 15 Apr	<b>Jeff Moore</b> , University of Illinois <i>Mechanophore-Linked Polymers and Mechanically Responsive Materials</i>	Materials	Gin
Tues 22 Apr	<b>Glenn Micalizio</b> , Yale University <i>Cross-Coupling Reactions via Directed Carbometalation: Reaction Development and Applications</i>	Synthesis	Phillips
<b>Mon 28 Apr</b>	<b>Peter Schultz</b> , The Scripps Research Institute <i>Synthesis at the Interface of Chemistry and Biology</i>	ArrayBioPharma Lecture	Phillips
Tues 13 May	<b>Lothar Dunsch</b> Leibnitz Institute for Solid State and Materials Research <i>Endohedral Fullerenes - New Structures and New Directions</i>	Physical Organic	Michl