



The Department of Chemistry at Columbia University
The Spring 2016 Colloquium Seminar Series



January 14, 2016 at 3:30pm

THE BRISTOL-MYERS SQUIBB LECTURE

Development of new stereoselective reactions for organic synthesis

Jeffrey Johnson, University of North Carolina

Evolution and Development of a Commercial Route for CGRP Antagonist BMS-927711

David Leahy, Bristol-Myers Squibb

Hosted by James Leighton

January 21, 2016

Using the Force: Mechanochemistry at the living/nonliving interface

Khalid Salaita, Georgia Institute of Technology and Emory University

Hosted by Laura Kaufman

January 28, 2016

Teaching Polymers the Meaning of Life & Nanographene Quantum Confinement

Felix Fischer, University of California—Berkeley

Hosted by Colin Nuckolls

February 4, 2016

Mechanisms of pre-Spliceosome Assembly and Dysfunction in Blood Cancers

Aaron Hoskins, University of Wisconsin—Madison

Hosted by Ruben Gonzalez

February 11, 2016

The Importance of Questioning Scientific Assumptions: Lessons From The Rare Earth Metals, Uranium, and Thorium

William Evans, University of California—Irvine

Hosted by Ged Parkin

February 25, 2016

Chemistry in Solid-State White Lighting: The Role of Phosphors

Ram Seshadri, University of California—Santa Barbara

Hosted by Xavier Roy

March 2 & 3, 2016

THE FALK-PLAUT LECTURES

3/2 (Wed): “Structure, function and drug discovery of the G-protein Coupled Receptor Superfamily” | 3/3 (Thu): “Adventures in Structure Based Drug Discovery”

Ray Stevens, University of Southern California

Hosted by Ann McDermott

March 10, 2016

Thiophene Rust in Organic Electronics

Luis Campos, Columbia University

Hosted by Colin Nuckolls

March 31, 2016

THE PADWA LECTURE

New Avenues in Synthesis via Organic Photoredox Catalysis

Dave Nicewicz, University of North Carolina

Hosted by Tristan Lambert

April 7, 2016

Imaging Inorganic Chemistry in the Brain and Beyond

Chris Chang, University of California—Berkeley

Hosted by the Chemistry Graduate Students

April 14, 2016

THE GRANDPIERRE LECTURE

Proton-Coupled Electron Transfer: from Hydrogen Atom Transfer Reactions to Oxide Nanoparticle Chemistry

James Mayer, Yale University

Hosted by Laura Kaufman

April 21, 2016 in 309 Havemeyer

THE GILBERT STORK LECTURE

Catalysis for Total Synthesis

Alois Fürstner, Max-Planck Institute

Hosted by Dali Sames

April 28, 2016

Nuclear and electronic quantum fluctuations in hydrogen bonded systems: from atmospheric science to enzyme catalysis.

Tom Markland, Stanford University

Hosted by Dave Reichman

June 2, 2016 in 309 Havemeyer

THE GILBERT STORK LECTURE

Chemical Synthesis as the Essential Enabler of Natural Product-Based Drug Development

James Leighton, Columbia University

Hosted by Tristan Lambert

