

## **Distinguished Morawetz Lecturers – Complete List as of 11/29/17**

**October 31, 2003**

**Frank Bates** – University of Minnesota  
*Block Copolymers: Designer Soft Materials*

**March 12, 2004**

**David Tirrell** – California Institute of Technology  
*Novel Macromolecules via Alternative Translations of the Genetic Code*

**April 15, 2004**

**Daniel Koshland** – University of California, Berkeley  
*How Bacteria Find Their Way.*

**October 14, 2004**

**Helmut Ringsdorf** – University of Mainz  
*Polymer Science and Cell Biology: Tissue and Cell Specific Polymer Antitumor Agents from Lab to Clinic*

**December 3 2004**

**Charles S. Peskin** – New York University  
*Fluid Mechanics and Fiber Architecture of the Beating Human Heart*

**May 6, 2005**

**Renu Malhotra** – University of Arizona  
*The Architecture of Planetary Systems*

**May 12, 2005**

**Graham Williams** - University of Wales  
*Molecular Dynamics of Amorphous and Liquid Crystalline Polymers as Studied by Broadband Dielectric Spectroscopy*

**September 30, 2005**

**Fernando Nottebohm** – Rockefeller University  
*Neuronal Replacement in Adult Brain*

**October 28, 2005**

**F. Sherwood Rowland** – University of California, Irvine  
*Global Warming and Climate Change*

**March 31, 2006**

**Paul L. McEuen** – Cornell University  
*Carbon Nanotube Transistors, Sensors, and Tiny Guitars*

**April 26, 2006**

**Rudolph A. Marcus** – California Institute of Technology

*Isotopic Puzzles in Stratospheric Ozone and in the Earliest Minerals in the Solar System*  
– *An Application of Chemical Physics to Geochemistry*

**October 6, 2006**

**Jerome Lando** – Case Western Reserve University  
*Nanotechnology Begins in One Dimension*

**October 27, 2006**

**Jindrich Kopecek** – University of Utah  
*Swell Gels: From Hydrogel Implants to Nanomaterials Self-Assembled from Block and Graft Copolymers*

**December 1, 2006**

**Jules Shafer** – Controlled Chemicals Inc.  
*Therapeutic Targets for Delaying the Onset and Progression of Alzheimer's Disease*

**March 2, 2007**

**Naomi Oreskes** – University of California, San Diego  
*The Rejection of Continental Drift*

**April 19, 2007**

**Bonnie Bassler** – Princeton University  
*Small-Talk: Cell-to-Cell Communication in Bacteria*

**September 27, 2007**

**Harry Gray** – California Institute of Technology  
*The Currents of Life: Electron Flow Through Proteins*

**October 12, 2007**

**Carol K. Hall** – North Carolina State University  
*Thermodynamics and Kinetic Origins of Alzheimer's and Related Diseases: A Chemical Engineer's Perspective*

**December 4, 2008**

**Cori Bargmann** – Rockefeller University  
*Half a wiring diagram is better than none: How the nervous system generates flexible behaviors from a fixed anatomy*

**October 1, 2009**

**Sandra Faber** – University of California, Santa Cruz  
*A Room with a View: Perspectives from Earth on the Cosmos*

**October 30, 2009**

**Hynek Wichterle** – Columbia University  
*Pluripotent stem cells: A tool to model and study neural development*

**March 26, 2010**

**Michael D. Coe** – Yale University

*Maya Genesis: Origins of a New World Civilization*

**November 5, 2010**

**Robert B. Smith** – University of Utah

*The Yellowstone Supervolcano: Past, Present and Future*

**February 25, 2011**

**Joanna Aizenberg** – Harvard University

*Actuated “spiny” surfaces à la echinoderms: En route for adaptive materials*

**September 23, 2011**

**Ira Tabas** – Columbia University

*How atherosclerotic plaques become dangerous*

**April 27, 2012**

**Mark Schubin** – Metropolitan Opera

*The Fandom of the Opera: How the Audience for a Four-Century-Old Art Form Helped Create the Modern Media World*

**November 9, 2012**

**Susan S. Golden** – University of California, San Diego

*How Bacteria Tell Time*

**October 10, 2013**

**Hopi Hoekstra** – Harvard University

*From Darwin to DNA: The Genetics of Color Adaptation*

**October 16, 2014**

**A. Douglas Stone** – Yale University

*Einstein and the Quantum*

**November 6, 2015**

**B. Rosemary Grant and Peter R. Grant** – Princeton University

*Evolution of Darwin’s Finches*

**April 1, 2016**

**Gary S. Calabrese** – Corning Inc.

*Inventing the Future with New Materials*

**November 3, 2017**

**Richard W. Baker** – Membrane Technology and Research Inc.

*The Development of the Membrane Separation Industry*