

The Barbara and Dean Martin Seminar Series

1995

Nicholas A. Ashford, Ph.D., J.D.
Professor of Technology and Policy,
MIT

“Low-Level Chemical Sensitivity: An Emerging Occupational and Environmental Health Problem”

1996

Dick van der Helm, Ph.D.
George Lynn Cross Research Professor,
University of Oklahoma

“Iron Uptake by Siderophores in Microorganisms and the Physical Chemistry of Ferric Siderophore Receptor Proteins”

1997

Robert P. Carnahan, Ph.D., P.E.,
Professor of Civil Engineering and Mechanics,
University of South Florida

“Advances in Water Treatment Technology”

Daryle H. Busch, Ph.D.

Roy A. Roberts Distinguished Professor,
University of Kansas

“Ligand Design for Enhanced Molecular Organization”

1998

Jon C. Clardy, Ph.D.
Horace White Professor of Chemistry,
Cornell University

“Natural Products and Their Targets”

Marcetta Y. Darensbourg, Ph.D.
Professor of Chemistry,
Texas A&M University

“Chemical Models for the Heterobimetallic Active Site of NiFe Hydrogenase, an Organometallic in Biology”

1999

Robert E. Sievers, Ph.D.
Professor, Department of Chemistry & Biochemistry,
University of Colorado
“Fine Aerosol Particles in Pulmonary Drug Delivery and in the Atmosphere”

Steven D. Burke, Ph.D.
Professor, Department of Chemistry,
University of Wisconsin-Madison
“Synthesis and Study of Natural and Unnatural Oxacycles”

2000

Margaret Farago, Ph.D.
Professor, Centre for Environmental Technology,
Imperial College of Science, Technology and Medicine, University of London
“Arsenic Contamination in Southwest England”

Peter C. Jurs, Ph.D.
Professor, Department of Chemistry,
The Pennsylvania State University
“Prediction of Chemical Properties of Organic Compounds from Molecular
Structures”

Albert Padwa, Ph.D.
William P. Timmie Professor, Department of Chemistry,
Emory University
“Cascade Processes for Alkaloid Synthesis”

2001

Gregory R. Choppin, Ph.D.
Professor, Department of Chemistry,
The Florida State University
“Environmental Behavior of Plutonium”

Stewart W. Schneller, Ph.D.
Dean, College of Sciences and Mathematics,
Auburn University
“Carbocyclic Nucleosides”

2002

Ellen M. Leahy, Ph.D.
Senior Scientist, Medicinal Chemistry, Celera
James W. Leahy, Ph.D.
Directory of Chemistry, Exelixis
“Drug Discovery in the Post-Genomic Era”

2003

Dale W. Margerum, Ph.D.
Harvey Washington Wiley Distinguished Professor of Chemistry,
Purdue University
“Diversity of Bromite Ion Redox Mechanisms in Aqueous Solutions”

Joanna Fowler, Ph.D.
Brookhaven National Laboratory
“Imaging Drug Addiction in the Human Brain”

2004

Margaret M. Faul, Ph.D.
Associate Director, Chemical Process R&D,
Amgen, Inc.
“Process Development Towards the Synthesis of Protein Kinase C Inhibitors”

Frank W. Fowler, Ph.D.
Professor of Chemistry,
SUNY-Stony Brook
“The Development of Strategies for the Preparation of Designed Materials”

2005

Joan Silverstone Valentine, Ph.D.
Professor of Chemistry and Biochemistry,
University of California-Los Angeles
“Misfolded Copper-Zinc Superoxide Dismutase and ALS (Lou Gehrig’s Disease)”

2007

Patrick Benz, PhD.,
President
Benz Research and Development
“Contemporary Topics in Contact Lens and Intraocular Lens Materials” 2008

Karl Kovacs, Ph.D.
Vice President, Operations,
OriGene Technologies, Inc.
“Functional Discovery Through High-Content Genomic Screening”

2009

Brian Moulton, Ph.D.
Vertex Pharmaceuticals
“Translational Product Development in the Pharmaceutical Industry: Discovery in
Development”

2010

Jay S. Siegel, Ph.D.
Professor and Co-director of the Organic Chemistry Institute,
University of Zurich
“Aromatic Architectures: Bowls, Gears, and Knots”

2013

Dr. Richard N. Zare,
Marguerite Blake Wilbur
Professor in Natural Science, Department of Chemistry, Stanford University,
“Desorption Electrospray Ionization”