

# Targeted Therapeutics and Drug Delivery Systems

October 9, 2007

Cassandra Frazer, Ph.D.

Professor, Department of Chemistry  
University of Virginia

**"Light Emitting Biomaterials for Imaging and Oxygen Sensing"**

(Sponsored by IME, Vagelos 2nd floor conference room at noon)

November 29, 2007

Gregory M. Lanza, M.D., Ph.D.

Associate Professor of Medicine and Bioengineering  
Washington University School of Medicine

**"Nanomedicine: Potential Molecular Imaging and Targeted Therapeutic Applications with PFC Nanoparticles"**

December 20, 2007

Margaret Black, Ph.D.

Associate Professor of Pharmaceutical Sciences  
Washington State University

**"Cancer Gene Therapy: SuperCD and 5FC: a Killer Combination"**

January 8, 2008

Naren Vyavahare, Ph.D.

Hunter Endowed Chair and Professor of Bioengineering  
Clemson University

**"Targeted Therapies for Pathology and Regeneration of Elastic Tissues"**

(Sponsored by IME, Vagelos 2nd floor conference room at noon)

January 24, 2008

Dennis Discher, Ph.D.

Professor, Departments of Chemical & Biomolecular Engineering and Bioengineering  
University of Pennsylvania

**"Delaying Clearance: from FiloVirus Morphologies to Mimicry of 'Self' with CD47 "**

(Class of 62 Lecture Hall)

February 8, 2008

Karen Wooley, Ph.D.

Professor of Chemical and Bioengineering  
Washington University

(sponsored by IFEM, 12:15 PM in 1 John Morgan Building)

**"Synthetic methods for the preparation of well-defined nanostructures, designed as versatile scaffolds for imaging and therapy of acute vascular injury, cancer, and other targets"**

February 21, 2008

Clifford Steer, M.D.

Professor of Medicine and Genetics, Cell Biology, and Development  
Director, Molecular Gastroenterology Program  
University of Minnesota Medical School

**"Sleeping Beauty Mediates Therapeutic Factor VIII Expression in Liver Sinusoidal Endothelial Cells of Hemophilia A Mice"**

March 3, 2008

Sarah Hamm- Alvarez, Ph.D.

Professor and Chair, Department of Pharmaceutical Sciences  
University of Southern California

**"Making Tears: Concerted Actions of Actin and Myosin in Exocytosis in Lacrimal Acini"**

(sponsored by the Department of Pharmacology, 12:00 PM in Reunion Hall)

March 20, 2008

Glen S. Kwon, Ph.D.

Professor, Pharmaceutical Sciences Division  
University of Wisconsin at Madison

**"Polymeric Micelles for Combination Drug Delivery"**

May 1, 2008

David McPherson, M.D.

Co-Director, Echocardiography Laboratory  
Northwestern Memorial Hospital  
Director, Research Cardiology; and Professor of Medicine  
Feinberg School of Medicine

**"Acoustic Liposomes for Targeted Molecular Cardiovascular Imaging, Drug Delivery and Stroke Therapy"**

Seminars begin at noon in the 251 BRB Conference Room

Funds provided by

**The Provost's Interdisciplinary Seminar Program**