The SUNY Downstate Department of Ophthalmology is proud to present our

2013 Vision Science Seminar Series
RESEARCH LECTURES

a forum for renowned researchers to present their latest findings.

These lectures will feature advances in many areas of clinical ophthalmology and ophthalmic research, presented by noted clinical and basic scientists from throughout the world. Ample opportunity will be provided for questions and answers.

All programs will be held in Classroom 1A, SUNY Downstate Medical Center, at 3:00 PM, unless otherwise noted. For your convenience, there is valet parking at the main entrance of University Hospital of Brooklyn, 445 Lenox Road.

Please join us for these insights into ophthalmic research and the promises they hold for patient care.

No registration is required.

Please call us at (718) 270-1962 or visit www.downstate.edu/ophthalmology or www.eyecurrentconcepts.org for more information regarding educational opportunities.

The entire CME lecture series can be viewed on our website www.downstate.edu/ophthalmology
# Vision Science Seminar Series

## RESEARCH LECTURES

### 2013

All lectures will be held at 3:00 PM in Classroom 1A, unless otherwise noted.

### January 24, 2013

Noorjahan Panjwani, PhD  
Professor and Director of Research  
Department of Ophthalmology and Biochemistry  
Tufts University School of Medicine  
**Pathogenic Mechanisms of Acanthamoeba Keratitis**

### February 28, 2013

James Reynolds, MD  
Professor and Chair  
Ira G. Ross Eye Institute  
Department of Ophthalmology  
SUNY Buffalo  
**Retinopathy of Prematurity: Clinical Issues and Directions**

### March 28, 2013*

David Williams, PhD  
William G. Allyn Chair of Medical Optics  
Director, Center for Visual Science  
Professor of Optics, Ophthalmology, Biomedical Engineering, and Brain and Cognitive Sciences  
University of Rochester  
**Adaptive Optics in Retinal Research**  
*NOTE SPECIAL TIME – 2:00 PM*

### April 25, 2013

Richard A. Lang, PhD  
Director, Visual Systems Group  
Professor, Department of Pediatrics  
Cincinnati Children’s Hospital Medical Center  
University of Cincinnati  
**Macrophage Wnts and Light in the Regulation of Eye Development**

### May 23, 2013

Noga Vardi, PhD  
Professor of Neuroscience  
University of Pennsylvania School of Medicine  
**Neurochemical Organization (and Disorganization) of the First Visual Synapse**

### June 20, 2013

Peter G. Fuerst, PhD  
Assistant Professor  
Department of Biological Sciences  
WWAMI Medical Education Program  
University of Idaho  
**Non-Synaptic Connectivity in Morphogenesis and Survival of Retinal Neurons**

### July 25, 2013

Sally Twining, PhD  
FARVO Professor of Biochemistry and Ophthalmology  
Medical College of Wisconsin  
**Corneal Wound Healing**

### September 26, 2013

Stewart Bloomfield, PhD  
Professor and Associate Dean  
SUNY College of Optometry  
**The Role of Gap Junctions in Retinal Physiology and Pathology**

### October 24, 2013

Leonard Levin, MD, PhD  
Professor and Chair  
Department of Ophthalmology  
McGill University  
**Axoprotection for Axonal Degeneration: Science in Translation**

### November 21, 2013

Uday Kompella, PhD  
Professor  
Department of Pharmaceutical Sciences  
University of Colorado  
**Nanotechnology for Drug and Gene Delivery**

### Lecture Series Course Directors

Douglas R. Lazzaro, MD, FACS, FAAO  
Professor and Chair of Ophthalmology  
Richard C. Troutman, MD, Distinguished Chair in Ophthalmology and Ophthalmic Microsurgery  
Chief of Service: UHB, KCHC

William J. Brunken, BS, PhD  
Director of Ophthalmic Research  
Professor of Ophthalmology and Cell Biology