



**SUNY
DOWNSTATE
Medical Center**

**Department of
Ophthalmology**

Presents

**THE VISITING
RESEARCH LECTURE
SERIES FOR 2017**

**SUNY Downstate
Medical Center
395 Lenox Road
Brooklyn, NY 11203**

January 6-7, 2017

Current Concepts of Ophthalmology 2017
CAESAR'S Atlantic City, NJ

VISITING FACULTY

Miguel N. Burnier Jr., M.D., Ph.D., FRCS, Karl Golnik, M.D.,
Daniel A. Johnson, M.D., William R. Katowitz, M.D., Nils A.
Loewen, M.D., Ph.D., Mark A. Rolain, M.D., Steven
Schallhorn, M.D., Mary A. Stefanyszyn, M.D., Lucy H.Y.
Young, M.D., Ph.D., Marco Zarbin, M.D., Ph.D.

January 19, 2017

Prakash Kara, PhD
Associate Professor Neuroscience and Ophthalmology
Univ. South Carolina Med School, Clemson Bioengineering

Synaptic, Spiking and Vascular Cortical
Maps of Sensory Stimulus Selectivity

February 23, 2017

J. Crawford Downs, PhD
Professor of Ophthalmology, Biomedical Engineering and
Computer and Information Sciences Vice-chair of
Research; Director, Ocular Biomechanics and Biotransport
Program; University of Alabama at Birmingham

Ocular Biomechanics in Aging And Disease

March 23, 2017

Julia Busik, PhD
Professor, Department of Physiology
Michigan State University

Bone marrow neuropathy and lipid metabolism
in the development of diabetic retinopathy

April 27, 2017

Aude Oliva, PhD
Principal Research Scientist
CSAIL (Computer Science and Artificial Intelligence
Lab), MIT Computer Vision & Graphics Group

What makes an image memorable?

June 8, 2017, 8:00 AM - 4:00 PM

45th Annual Alumni Ophthalmology Meeting
Alumni Auditorium SUNY Downstate

VISITING FACULTY: Daniel Durrie, M.D., James
Reynolds, M.D., Prem Subramanian, M.D., Terri L.
Young, M.D., M.B.A.

June 25, 2017

Tonia Rex, PhD
Associate Professor, Vanderbilt Eye Institute,
Department of Ophthalmology & Visual Sciences,
Vanderbilt University

Molecular changes that may underlie
vision loss after mild ocular trauma

October 5, 2017

James Tahara Handa, MD
Robert Bond Welch Professor
Professor of Ophthalmology
Wilmer Eye Institute, Johns Hopkins University

Smoking Guns of AMD. Is Oxidative
Stress One of Them?

October 26, 2017

J. Mark Petrash, PhD
Professor and Vice Chair of Research
Department of Ophthalmology
University of Colorado School of Medicine

Therapeutic Strategies for Posterior
Capsular Opacification

November 30, 2017

Michael E Goldberg, MD
David Mahoney Professor of Brain and Behavior
(in Neuroscience and Neurology [in Psychiatry and
Ophthalmology]),
Director, Mahoney Center, Columbia University

Saccades, space, and attention: the neurobiology
of parietal cortex in the monkey

**ALL LECTURES TAKE PLACE
3-4:00 PM IN CLASSROOM 1A
HEALTH SCIENCE EDUCATION BLD.
395 LENOX ROAD**