

DEPARTMENT OF OPHTHALMOLOGY & VISUAL SCIENCES

2023 - 2024

FACULTY & STEPHENSON VISITING PROFESSOR SEMINAR SERIES

**August**



**Mark Pennesi, M.D., Ph.D., FARVO**  
Kenneth C. Swan Endowed Professor of Ophthalmology  
Professor of Molecular and Medical Genetics  
Chief, Paul H. Casey Ophthalmic Genetics Division  
Casey Eye Institute  
Oregon Health & Science University  
**Topic: *Gene Therapy, Gene Editing and other Novel Therapies for Inherited Retinal Degenerations***  
Friday, August 18, 2023



**Steven A. Newman, M.D.**  
Retired Ophthalmologist  
Treasurer, Cogan Ophthalmic History Society  
**Topic: *Ophthalmic Injuries at Hiroshima and Nagasaki***  
Friday, August 25, 2023

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**September**



**Donald T. Miller, Ph.D.**  
Professor  
School of Optometry  
Indiana University  
**Topic: *Imaging Cellular-scale Structure and Function – From Photoreceptors to Retinal Ganglion Cells***  
Friday, September 8, 2023



**David M. Gamm, M.D., Ph.D.**  
Professor,  
Department of Ophthalmology and Visual Sciences  
RRF Emmett A. Humble Distinguished Director,  
McPherson Eye Research Institute  
Sandra Lemke Trout Chair in Eye Research  
Waisman Center Stem Cell Research Program  
University of Wisconsin School of Medicine and Public Health  
**Topic: *Focusing Photoreceptor Manufacture for Cell Replacement***  
**Annual Vision Sciences Center Retreat**  
Friday, September 15, 2023



**Elliott Sohn, M.D., FASRS**  
Associate Professor  
Department of Ophthalmology and Visual Sciences  
Institute for Vision Research  
University of Iowa Carver College of Medicine  
**Topic: *Diabetic Retinopathy: Translating Lab Research to Clinical Care***  
Friday, September 22, 2023

## 2023-2024 FACULTY & STEPHENSON VISITING PROFESSOR SEMINAR SERIES

### October



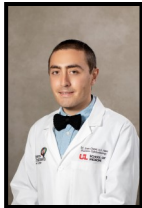
**Seth Blackshaw, Ph.D.**  
Professor  
Department of Neuroscience  
Johns Hopkins University School of Medicine  
**Topic: *Gene Regulatory Networks Controlling Retinal Regeneration***  
Friday, October 6, 2023



**Mark J. Lucarelli, M.D., FACS**  
Program Director, Richard K. Dortzbach Professor of Ophthalmic Facial Plastic Surgery  
Department of Ophthalmology & Visual Sciences, University of Wisconsin  
**Topic: *Evaluation and Management of Ptosis; Pearls for the Clinic and OR***  
Friday, October 13, 2023



**William V. Padula, O.D., SFNAP, FAAO, FNORA**  
Padula Institute of Vision Rehabilitation  
Guilford, Connecticut  
**Topic: *Neuro-Visual Processing Rehabilitation: An Integrated Approach for Persons having a Neurological Event***  
Friday, October 20, 2023



**Eren Guner, M.D.**  
Assistant Professor  
Department of Ophthalmology and Visual Sciences  
University of Louisville  
Norton Children's Medical Group  
**Topic: *New Horizons on Pediatric Cataract Surgery***  
Friday, October 27, 2023



**Chase Hellmer, Ph.D.**  
Postdoctoral Associate  
Department of Ophthalmology and Visual Sciences  
University of Louisville  
**Topic: *OFF Transient Alpha Retinal Ganglion Cells Exhibit Physiological and Morphological Deficits in the DBA/2J Mouse Model of Glaucoma***  
Friday, October 27, 2023 at 11 AM

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### December



**Shaohui Liu, M.D., Ph.D**  
Associate Professor of Clinical Ophthalmology  
Eugene and Marilyn Glick Eye Institute  
Indiana University School of Medicine  
**Topic: *Partial and Full Thickness Corneal Transplantation***  
Friday, December 1, 2023



**Mahavir Singh, DVM., Ph.D.**  
Assistant Professor  
Department of Physiology  
University of Louisville  
**Topic: *Anti-inflammatory Strategies for Diabetic Retinopathy***  
Friday, December 15, 2023 at 11 AM

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### January



**Aditya Verma, M.D.**  
Assistant Professor  
Department of Ophthalmology and Visual Sciences  
University of Louisville  
**Topic: *Treatment of DME: Present, Past and Future.***  
Friday, January 12, 2024



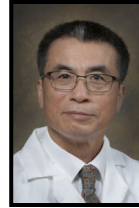
**Nazarul Hasan, Ph.D.**  
Assistant Professor  
Department of Biochemistry and Molecular Genetics  
University of Louisville  
**Topic: *The Role of LRR-Containing Proteins in Synaptic Organization and Function in the Retina***  
Friday, January 19, 2024 at 11 AM

## 2023-2024 FACULTY & STEPHENSON VISITING PROFESSOR SEMINAR SERIES

### February



**M. Roy Wilson, M.D., M.S.**  
President  
Wayne State University  
Chancellor Emeritus  
University of Colorado at Denver  
**Topic: *Medicine and Ophthalmology: Working Toward Racial Equity***  
Friday, February 16, 2024



**Fu-Shin X. Yu, Ph.D.**  
Professor  
Director of Research  
Kresge Eye Institute  
Wayne State University  
**Topic: *Mechanisms that Increase Susceptibility and Severity of Bacterial Keratitis in Diabetic Corneas of C57BL/6J Mice***  
Friday, February 23, 2024 at 11 AM

### March



**Tonia S. Rex, Ph.D.**  
Professor of Ophthalmology & Visual Sciences  
Vanderbilt University School of Medicine  
Marlene and Spencer Hays Director of Translational Research  
Associate Vice Chair for Research  
Vanderbilt Eye Institute  
Vanderbilt University Medical Center  
**Topic: *Oxidative Stress, a Common Mechanism in Optic Neuropathies***  
Friday, March 22, 2024



**Joshua Dunaief, M.D., Ph.D.**  
Adele Niessen Professor of Ophthalmology  
Vice Chair for Research  
FM Kirby Center for Molecular Ophthalmology  
Scheie Eye Institute  
University of Pennsylvania  
**Topic: *Iron-induced Oxidative Stress in the Retina with Protection by Deuterated DHA: A pill for AMD?***  
Friday, March 29, 2024

### April



**Sayoko "Sy" E. Moroi, M.D., Ph.D.**  
William H. Havener, MD Endowed Professor Chair  
Department of Ophthalmology & Visual Sciences  
The Ohio State University  
**Topic: *Three Clinical Lessons on The Angle and Plateau Iris***  
Friday, April 5, 2024



**Carol L. Karp, M.D.**  
Professor of Ophthalmology  
Dr. Richard K. Forster Chair in Ophthalmology  
Dr. Ronald and Alicia Lepke Professorship in Corneal Diseases  
Bascom Palmer Eye Institute  
University of Miami Miller School of Medicine  
**Topic: *Update in the Management of Ocular Surface Squamous Neoplasia***  
Friday, April 12, 2024



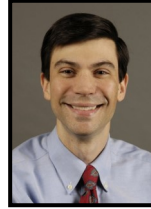
**Machele T. Pardue, Ph.D., FARVO, FAIMBE**  
Professor and Vice Chair of Research in Ophthalmology  
Emory University  
Senior Research Career Scientist  
Atlanta VA Center for Visual and Neurocognitive Rehabilitation  
**Topic: *Detecting and Treatment Neuronal Dysfunction in Diabetic Retinopathy***  
Friday, April 19, 2024

## 2023-2024 FACULTY & STEPHENSON VISITING PROFESSOR SEMINAR SERIES

### May



**Frank R. Burns, M.D.**  
Clinical Assistant Professor  
Department of Ophthalmology & Visual Sciences  
University of Louisville  
Proprietor  
Middletown Eyecare  
**Topic: *The Evolution of Cataract Surgery During My Career***  
Friday, May 17, 2024



**Jason I. Comander, M.D., Ph.D.**  
Assistant Professor of Ophthalmology  
Harvard Medical School  
Director, Inherited Retinal Disorders Service  
Mass. Eye and Ear  
**Topic: *Retinitis Pigmentosa: Prognosis and Emerging Treatments***  
Friday, May 24, 2024

### June



**Bruce Berkowitz, Ph.D., Inaugural FARVO,**  
Professor  
Department of Ophthalmology  
Visual and Anatomical Sciences  
Director of Small Animal MRI Facility  
Wayne State University School of Medicine  
**Topic: *Mitigating Threats to Sight with Functional Photoreceptor Mitochondria Biomarker Imaging***  
Friday, June 7, 2024 at 11 AM



**Rahul Bhola, M.D., MBA, FAAP**  
Section Chair, Ophthalmology  
Children's Hospital Of Orange County  
Division Chief, Pediatric Ophthalmology  
CHOC Children's Specialist  
Associate Professor, Ophthalmology  
University of California, Irvine  
**Topic: *Childhood Myopia: A Growing Epidemic***  
**Keynote Speaker Residents Day**  
Saturday, June 15, 2024

Lectures held at 7:30 am, unless otherwise noted, in the Dr. Harry C. Stephenson Conference Center at the Kentucky Lions Eye Institute

CME credit offered

For more information, please contact Erin Moody - [erin.moody@louisville.edu](mailto:erin.moody@louisville.edu)



*Harry C. Stephenson, M.D.*

Some lectures this academic year may be given virtually via Microsoft Teams.