Loris and David Rich Lecture Series in Visual Science

September 05, 2018 │12:00 pm

**Objective measures of single blood cell flux, flow and velocity in the living eye**

Jesse B. Schallek, PhD  
Assistant Professor of Ophthalmology and Neuroscience, Center for Visual Science, Flaum Eye Institute, University of Rochester  
Hosted by: Yuhua Zhang, PhD

October 24, 2018 │12:00 pm

**What can albinism tell us about the visual system?**

Frank Proudlock, PhD  
Associate Professor in Ophthalmology, Department of Neuroscience, Psychology and Behavior, University of Leicester, Leicester UK  
Hosted by: Dawn DeCarlo, OD, MS, MSPH

November 28, 2018 │12:00 pm

**The development of motor binocular function in infancy and early childhood**

T. Rowan Candy, PhD  
Professor of Optometry, Cognitive Science and Neuroscience Programs, Indiana University  
Hosted by: Cynthia Owsley, PhD, MSPH

January 23, 2019 │12:00 pm

**New Insights into the Pathogenesis and Treatment of Retinopathy of Prematurity**

Mary Elizabeth Hartnett, MD, FACS, FARVO  
Professor of Ophthalmology, Calvin S. and JeNeal N. Hatch Presidential Endowed Chair in Ophthalmology and Visual Sciences, Director of Pediatric Retina, University of Utah, John A. Moran Eye Center  
Hosted by: Michael Boulton, PhD

Smith Education Center │ 3rd floor, Callahan Eye Hospital │ 700 18th Street South Birmingham, AL  
Questions? Please contact Jennifer Spears, [jenniferspears@uabmc.edu](mailto:jenniferspears@uabmc.edu) or visit our website  
February 13, 2019 | 12:00 pm

**Imaging structure and function – from photoreceptors to retinal ganglion cells**

Donald T. Miller, PhD  
Professor, School of Optometry, Indiana University  
Hosted by: Christine A. Curcio, PhD

March 13, 2019 | 12:00 pm

**Gene therapy for retinal degenerations caused by Rhodopsin or Bestrophin mutations**

Artur V. Cideciyan, PhD  
Research Professor of Ophthalmology, Scheie Eye Institute, University of Pennsylvania  
Hosted by: Paul Gamlin, PhD

March 20, 2019 | 12:00 pm

**Determining mechanisms of vulnerability and damage in glaucoma using mice**

Simon John, PhD  
Professor and Howard Hughes Medical Investigator, The Jackson Laboratory  
Hosted by: Crawford Downs, PhD

May 22, 2019 | 12:00 pm

**An Exciting Time In Ocular Biomechanics**

Ian A. Sigal, PhD  
Assistant Professor, Laboratory of Ocular Biomechanics, Department of Ophthalmology, University of Pittsburgh  
Hosted by: Rafael Grytz, PhD