UAB SCHOOL OF MEDICINE

The University of Alabama at Birmingham

2019 – 2020

Loris and David Rich Lecture Series in Visual Science
Presented by the Department of Ophthalmology and Visual Sciences

September 11, 2019 │ 12:00 pm

Machine Learning for Optimal Design and Utilization of Simple and Sophisticated Ocular Imaging Systems

Sina Farsiu, PhD
Paul Ruffin Scarborough Associate Professor of Biomedical Engineering, Associate Professor of Ophthalmology, Director of the Vision and Image Processing (VIP) Laboratory

Hosted by: Christopher Girkin, MD. MSPH, FACS
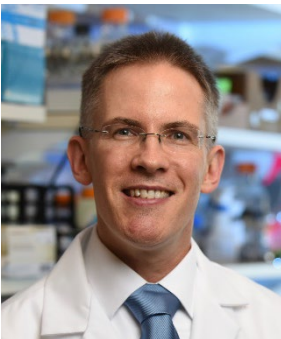
October 02, 2019 │ 12:00 pm

Carotenoids and Very-long-chain Polyunsaturated Acids as Nutritional interventions Against Age-Related Macular Degeneration

Paul Bernstein MD, PhD, FARVO
Professor of Ophthalmology and Visual Sciences, Moran Eye Center, University of Utah School of Medicine

Hosted by: Christine A. Curcio, PhD

December 04, 2019 │ 12:00 pm

Ocular neovascularization: New mechanisms, targets, and treatments

Timothy W. Corson, PhD
Merrill Grayson Senior Associate Professor of Ophthalmology and Director of Basic and Translational Research, Glick Eye Institute, Indiana University School of Medicine

Hosted by: Michael Boulton, PhD

January 15, 2020 │ 12:00 pm

Monitoring and Treatment of Trabecular Meshwork in Glaucoma: Novel Engineering Approaches

Ross Ethier, PhD
Professor of Biomedical Engineering, Georgia Institute of Technology & Emory University School of Medicine

Hosted by: J. Crawford Downs, PhD

Rich Lecture Series

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March 04, 2020 | 12:00 pm

Translating Ocular Biomechanics, Ophthalmic Devices, Imaging and AI into Clinical Practice

Michael Girard, PhD
Head, Ophthalmic Engineering & Innovation Laboratory, NUS, Co-Head, Biomedical Engineering and Devices, Singapore Eye Research Institute

Hosted by: Rafael Grytz, PhD

March 18, 2020 | 12:00 pm

Retinal Gene Therapy: From Clinical Trials to Clinical Practice

Mark Pennesi, MD, PhD
Associate Professor of Ophthalmology, Kenneth C. Swan Endowed Professor, Division Chief, Ophthalmic Genetics, Casey Eye Institute, Oregon Health & Science University

Hosted by: Paul Gamlin, PhD

April 01, 2020 | 12:00 pm

Artificial Intelligence for the Management of Glaucoma: Opportunities and Challenges

Linda M. Zangwill, PhD
Professor of Ophthalmology in Residence, UC San Diego Shiley Eye Institute, Co-Director of Clinical Research, Hamilton Glaucoma Center Director, Hamilton Glaucoma Center, Data Coordinating Center

Hosted by: Massimo Fazio, PhD

May 13, 2020 | 12:00 pm

Coordinated visual signaling across diverse cell types in the mammalian retina

Greg D. Field, PhD
Assistant Professor of Neurobiology, Duke University

Hosted by: Lyne Racette, PhD

Smith Education Center | 3rd floor, Callahan Eye Hospital | 700 18th Street South Birmingham, AL
Questions? Please contact Jennifer Spears, jenniferspears@uabmc.edu or visit our website
http://www.uab.edu/medicine/ophthalmology/news-events/rich-lecture-series

Rich Lecture Series