



Jacobs School of Medicine and Biomedical Sciences

Department of Ophthalmology

University at Buffalo

2021-22 Distinguished Lectures in Vision Science Series

Lectures in September- November 2021 will take place via zoom at 5 pm EST on Thursdays.

SEPTEMBER 23, 2021

Paul Kaufman, MD

Ernst H. Bárány Professor of Ocular Pharmacology,
Department Chair Emeritus
Department of Ophthalmology & Visual Sciences
School of Medicine & Public Health
University of Wisconsin-Madison
Madison, WI

Email: paul.kaufman@wisc.edu

Web: <https://www.opth.wisc.edu/blog/people/paul-l-kaufman-md/>

PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/?term=Kaufman+PL>

Lecture Title: “**Deconstructing aqueous humor outflow: The past 50 and the next 20 years**”

Host: Sandy Sieminski, MD (sandrafe@buffalo.edu)

OCTOBER 21, 2021

Michelle C. Callegan, PhD

Director of Vision Research, Dean A. McGee Eye Institute
Dean A. McGee Professor
George Lynn Cross Research Professor
Edith Kinney Gaylord Presidential Professor
Department of Ophthalmology
Professor, Department of Microbiology and Immunology
University of Oklahoma Health Sciences Center
Oklahoma City, OK

Email: Michelle-Callegan@ouhsc.edu

Web: <http://dmei.org/michelle-c-callegan-phd>

PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/?term=Callegan+MC>

Lecture Title: “**Innate Immune Targets in Bacterial Endophthalmitis**”

Host: Sangita P. Patel, MD, PhD (sppatel@buffalo.edu)

NOVEMBER 18, 2021

Zhigang He, PhD, BM

Professor of Neurology and Ophthalmology
Harvard Medical School
Research Associate
Boston Children’s Hospital
Boston, MA

Email: zhigang.he@childrens.harvard.edu

Web: <http://www.childrenshospital.org/research/researchers/h/zhigang-he>; <https://kirbyneuro.org/ZhigangHe/>

PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/?term=He+Zhigang>;

Lecture Title: “**Rebuilding Optic Nerve Pathways after Injury**”

Host: Xiuqian Mu, MD, PhD (xmu@buffalo.edu)

FEBRUARY 24, 2022**Silvia C. Finnemann, PhD**

Professor

Kim B and Stephen E. Bepler Chair in Biology

Department of Biological Sciences

Fordham University

Bronx, NY

Email: finnemann@fordham.edu**Web:** https://www.fordham.edu/info/24004/faculty/6846/silvia_c_finnemann/1**PubMed:** <https://www.ncbi.nlm.nih.gov/pubmed/?term=Finnemann+Silvia+C>**Lecture Title:** “**Molecular Mechanisms of Outer Segment Renewal**”**Host:** Michael H. Farkas, PhD (mhfarkas@buffalo.edu)**MARCH 17, 2022****Alex V. Levin, MD, MHSc, FAAP, FAAO, FRCSC**

Adeline Lutz - Steven S.T. Ching, M.D. Distinguished Professorship in Ophthalmology

Chief, Pediatric Ophthalmology and Ocular Genetics

Flaum Eye Institute

Chief, Pediatric Genetics, Golisano Children's Hospital

University of Rochester

Rochester, NY

Email: Alex_Levin@URMC.Rochester.edu**Web:** <https://www.urmc.rochester.edu/people/31875844-alex-v-levin>)**PubMed:** <https://www.ncbi.nlm.nih.gov/pubmed/?term=Levin+Alex+V>**Lecture Title:** “**How ocular genetics is changing our world**”**Host:** John H. Lillvis, MD, PhD (jhlllvi@buffalo.edu)**APRIL 21, 2022****Bela Anand-Apte, MD, PhD**

Professor and Interim Chair

Cole Eye Institute and Lerner Research Institute

Cleveland Clinic

Cleveland, OH

Email: ANANDAB@ccf.org**Web:** <https://www.lerner.ccf.org/eye/anand-apte/> .**PubMed:** <https://www.ncbi.nlm.nih.gov/pubmed/?term=Anand-Apte+Bela>**Lecture Title:** “**New Insights into Diabetic Retinopathy and Outer Blood Retinal Barrier Disruption**”**Host:** Meg DeAngelis, PhD (mmdeange@buffalo.edu)**MAY 19, 2022****Karl Csaky, M.D., Ph.D.**

T. Boone Pickens Director

Managing Director & Chief Medical Officer

Molecular Ophthalmology Laboratory

Clinical Center of Innovation for AMD

Retinal Foundation of the Southwest

Dallas, TX

Email: kcsaky@retinafoundation.org**Web:** <https://retinafoundation.org/scientists/karl-csaky-m-d-ph-d/>**PubMed:** <https://www.ncbi.nlm.nih.gov/pubmed/?term=Karl+Csaky>**Lecture Title:** “**The Development of Mitochondrial Protective Agents for the Treatment of Dry Age-Related Macular Degeneration**”**Host:** Jack Sullivan, MD, PhD (js354@buffalo.edu)