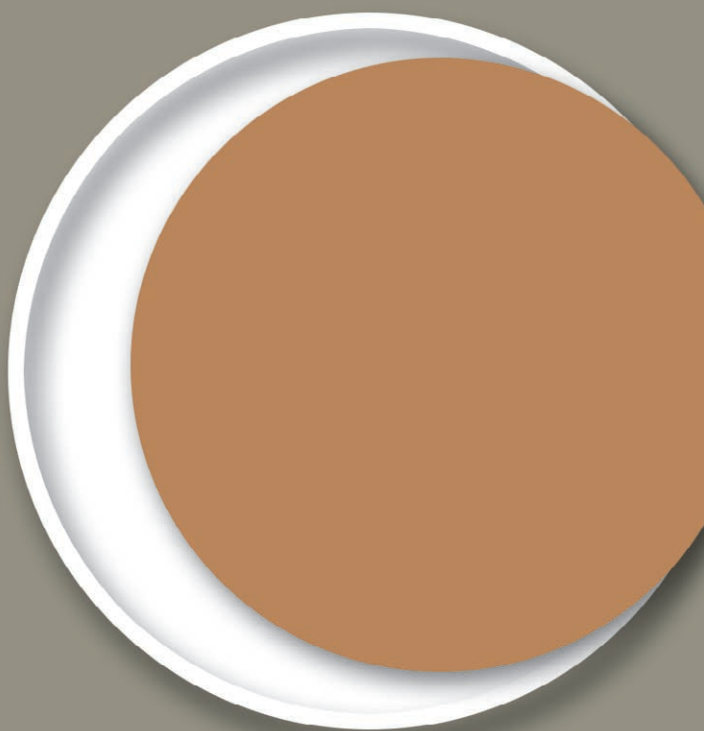


# 2023

## COMPREHENSIVE OPHTHALMOLOGY

# PEARLS XXIV



FRIDAY • APRIL 14, 2023

LOEWS VANDERBILT HOTEL

NASHVILLE, TENNESSEE

VANDERBILT EYE INSTITUTE

VANDERBILT UNIVERSITY MEDICAL CENTER

**O**n behalf of the Vanderbilt University Medical Center Department of Ophthalmology and Visual Sciences at the Vanderbilt Eye Institute, we are pleased to present the 2023 Comprehensive Ophthalmology Pearls Symposium, held at Loews Vanderbilt Hotel. This year's meeting features a distinguished guest speaker list including Drs. Mark W. Johnson, Lisa D. Kelly, Donna H. Kim and Oluwatosin "Tosin" Smith.

Along with members of the Vanderbilt Eye Institute faculty, Pearls speakers will discuss topics including the latest treatment in diseases of the cornea and retina, current concepts in neuro-ophthalmology, medically indicated contact lenses, anterior segment disease, oculoplastics, and the latest findings in cataract and glaucoma treatment. The full day scientific program will provide practical and invaluable information geared towards the practice of ophthalmology and optometry.

Dr. Mark Johnson will deliver this year's William and Grace Snyder Lecture and Dr. Lisa Kelly will deliver the Maurice James Lecture. The Vanderbilt Eye Institute remains committed to supporting continuing educational activities for our extended community, while also addressing issues of vision research and providing state-of-the art eyecare, both now and in the future.

### **PAUL STERNBERG, JR., M.D.**

George W. Hale Professor and Chair, Vanderbilt Eye Institute  
Department of Ophthalmology and Visual Sciences  
Chief Medical Officer, Vanderbilt Medical Group  
Chief Patient Experience Officer, Vanderbilt University Medical Center  
Associate Dean for Clinical Affairs, Vanderbilt School of Medicine

### **JEFFREY KAMMER, M.D.**

*Course Director*  
Associate Professor of Ophthalmology and Visual Sciences  
Vanderbilt Eye Institute

### **DORA S. MATHE, O.D., F.A.A.O.**

*Assistant Course Director*  
Assistant Professor of Clinical Ophthalmology and Visual Sciences  
Vanderbilt Eye Institute

## MEETING REGISTRATION

To register and view course materials,  
please go to the following website:

<https://www.vumc.org/ophthalmology/pearls2023>

## REGISTRATION FEES

The registration fee includes the scientific sessions,  
breakfast, breaks, and lunch.

**NON-VUMC PHYSICIANS, OPTOMETRISTS  
AND OTHER HEALTH PROFESSIONALS:**

**\$85**

**Cancellations:** Cancellations received on or before April 7th will be issued a refund for the amount of the registration fee, less a 20% administrative fee. Vanderbilt University Medical Center is not responsible for any costs for or related to airline tickets or hotel accommodations purchased in connection with attendance at this CME activity.

## HOTEL ACCOMMODATIONS

**LOEWS VANDERBILT HOTEL**

2100 West End Ave. Nashville, TN • 615-320-1700

**RATES ARE BASED ON AVAILABILITY  
AND ARE SUBJECT TO CHANGE**

## COURSE DESCRIPTION

### STATEMENT OF NEED & LEARNING OBJECTIVES

Many practitioners still prescribe medication and recommend surgical intervention based on outdated principles and beliefs. The goal of Pearls is to provide updates on current medical and surgical treatments available for all the common ophthalmic diseases (glaucoma, cataracts, macular degeneration and diabetic retinopathy); to encourage therapeutic decisions based on sound evidence-based medicine rather than anecdotal reports, and to highlight prospective multi-center studies to enable physicians to practice sound evidence-based medicine.

After participating in this CME activity, participants should be able to describe and discuss:

1. Managing patients with retinal disease
2. Incorporating new technology in cataract and refractive surgery
3. Diagnosing and treating common neuro-ophthalmology disorders
4. Addressing new issues in the diagnosis and treatment of glaucoma
5. Managing difficult anterior problems
6. Incorporating the latest treatment options for orbital disease

### TARGET AUDIENCE

Ophthalmologists, optometrists, nurses, residents, fellows, medical students, and technicians.

### ACCREDITATION

Vanderbilt University Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Vanderbilt University Medical Center designates this live activity for a maximum of 9.75 *AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing education credits in optometry for the 2023 Pearls Symposium is COPE Accredited

The program for allied health has been approved by JCAHPO (Joint Commission on Allied Health Personnel in Ophthalmology) for continuing education credits.

PRESENTED BY THE FACULTY OF THE  
**VANDERBILT EYE INSTITUTE**  
AND GUEST FACULTY LISTED BELOW

**MARK W. JOHNSON, M.D.**

Professor Of Ophthalmology and Visual Sciences  
Vitreoretinal Section Chief  
University of Michigan

**DONNA H. KIM, M.D.**

Associate Professor  
Ophthalmic Hospitalist  
Casey Eye Institute  
Oregon Health & Science University

**LISA D. KELLY, M.D. M.ED.**

Professor Of Ophthalmology  
Medical Director, University Outpatient Clinics University  
of Cincinnati

**OLUWATOSIN “TOSIN” SMITH, M.D.**

Attending Physician and Surgeon  
Glaucoma Associates of Texas  
Associate Professor of Ophthalmology  
Department of Ophthalmology  
University of Texas Southwestern Medical School  
Dallas, Texas

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**Mark Breazzano, M.D.**  
Clinical Asst. Professor  
Upstate Medical University

**STEPHEN KIM, M.D.**  
Professor  
Vanderbilt Eye Institute

**MILAM BRANTLEY, M.D., PH.D.**  
Associate Professor  
Vanderbilt Eye Institute

**RACHEL KUCHTEY, M.D., PH.D.**  
Professor  
Vanderbilt Eye Institute

**EDWARD CHERNEY, M.D.**  
Professor  
Vanderbilt Eye Institute

**REID LONGMUIR, M.D.**  
Associate Professor  
Vanderbilt Eye Institute

**SYLVIA GROTH, M.D.**  
Assistant Professor V  
anderbilt Eye Institute

**UYEN TRAN, M.D.**  
Professor  
Vanderbilt Eye Institute

**LUCAS GROVES, M.D.**  
Assistant Professor V  
anderbilt Eye Institute

**FRIDAY, APRIL 14, 2023**  
VANDERBILT MARRIOTT • NASHVILLE

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7:00 – 7:40 am	<b>Continental Breakfast</b>
7:00 am	<b>Registration</b>
7:35 – 7:40 am	<b>Welcoming Remarks and Introduction</b> <b>Jeff Kammer, M.D.</b>
7:40 – 7:50 am	<b>Welcoming Remarks</b> <b>Paul Sternberg, M.D.</b>

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**SECTION 1— RETINA**

**Moderator: JANICE LAW, M.D.**

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7:50 – 8:30 am	<i>The William S. and Grace Snyder Lectureship in Ophthalmology: Compassionomics: The Science and Practice of Caring</i> <b>Mark Johnson, M.D.</b>
8:30 – 8:50 am	Walking Down EZ Street Looking for Lumps, Bumps and Potholes <b>Edward Cherney, M.D.</b>
8:50 – 9:10 am	Drugs Causing Uveitis and Retinal Toxicities <b>Stephen Kim, M.D.</b>
9:10 – 9:30 am	Genetic Testing for Inherited Retinal Diseases: Benefits and Challenges in 2023 <b>Milam Brantley, M.D., Ph.D.</b>
9:30 – 9:50 am	The Cost and Perils of Anti-VEGF Therapy for Proliferative Diabetic Retinopathy <b>Mark Johnson, M.D.</b>
9:50 – 10:05 am	<b>Panel Discussion/Q&amp;A</b>
10:05 – 10:25 am	<b>Refreshment Break</b>

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**SECTION 2— GLAUCOMA**

**Moderator: KAREN JOOS, M.D.**

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10:25 – 10:45 am	Glaucoma Monitoring: Is it Remotely Possible? <b>Tosin Smith, M.D.</b>
10:45 – 11:05 am	All MIGS Considered—The Good, the Bad and the Ugly <b>Rachel Kuchtey, M.D., Ph.D.</b>
11:05 – 11:25 am	Glaucoma Mimics <b>Reid Longmuir, M.D.</b>
11:25 – 11:45 am	The What, Why and How of Uveitic Glaucoma <b>Sylvia Groth, M.D.</b>

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11:45 am – 12:05 pm	Future treatments in Glaucoma—Prospects for Neuroprotection / Neurodegeneration <b>Tosin Smith, M.D.</b>
12:05 – 12:20 pm	<b>Panel Discussion/Q&amp;A</b>
12:20 – 1:20 pm	<b>Lunch</b>

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### SECTION 3— INPATIENT OPHTHALMOLOGY, EMERGENCIES & TRAUMA

**Moderator: JOHN BOND, M.D.**

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1:20 – 1:40 pm	The Ophthalmic Hospitalist—An Emerging Role for Inpatient and Emergency Room Consultation <b>Donna Kim, M.D.</b>
1:40 – 2:00 pm	Ocular Screening in the Setting of Candidemia—Lessons Learned <b>Mark Breazzano, M.D.</b>
2:00 – 2:20 pm	Emergency IIH <b>Reid Longmuir, M.D.</b>
2:20 – 2:35 pm	Open Globe Conundrums <b>Lucas Groves, M.D.</b>
2:35 – 2:55 pm	Cases from the Wild Frontier of Inpatient Ophthalmology <b>Donna Kim, M.D.</b>
2:55 – 3:15 pm	<b>Panel Discussion/Q&amp;A</b>
3:15 – 3:35 pm	<b>Refreshment Break</b>

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### SECTION 4— CORNEA

**Moderator: UYEN TRAN, M.D.**

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3:35- 4:15 pm	<i>The Maurice James, M.D. Lectureship in Ophthalmology: Promoting Inclusivity in Ophthalmology: The AAO Minority Ophthalmology Mentoring Program</i> <b>Lisa D. Kelly, M.D., M.Ed.</b>
4:15 – 4:35 pm	The Impact of COVID-19 on Corneal Transplantation <b>Uyen Tran, M.D.</b>
4:35 – 4:55 pm	Antibiotic Resistant Corneal Ulcers: Past, Current and Emerging Strategies <b>Lisa D. Kelly, M.D., M.Ed.</b>
4:55 – 5:10	<b>Panel Discussion/Q&amp;A</b>
5:10 pm	<b>Adjourn</b>

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## THE WILLIAM S. AND GRACE SNYDER LECTURESHIP IN OPHTHALMOLOGY

FRIDAY, APRIL 14, 2023 7:50 – 8:30 A.M.



**MARK W. JOHNSON, M.D.**

**MARK W. JOHNSON, M.D.**, is Professor of Ophthalmology and Visual Sciences and Chief of the Retina Service at the University of Michigan Medical School in Ann Arbor. He received his medical degree from the University of Utah, went on to residency in ophthalmology at the University of Michigan, and completed fellowships in medical retina and vitreoretinal surgery at the Bascom Palmer Eye Institute.

Dr. Johnson's chief clinical research interests include pharmacotherapies for macular diseases, pathogenesis and treatment of vitreomacular interface disorders, and vitreoretinal surgical strategies. He has served as principal investigator and Data and Safety Monitoring Committee member for numerous international multicenter clinical trials in age-related macular degeneration, retinal vascular disease, and vitreoretinal disorders. He lectures widely on retina topics, having delivered over 20



named lectures and more than 240 invited talks nationally and internationally. He has authored or co-authored over 225 peer-reviewed papers and book chapters.

Dr. Johnson has received a U.S. Presidential Scholar Award, the Senior Achievement Honor Award and Life Achievement Honor Award from the American Academy of Ophthalmology, and the Heed-Gutman Award from the Society of Heed Fellows. He has served as President of both The Macula Society and The Retina Society, and as Director of the American Academy of Ophthalmology Retina Subspecialty Day.

## GUEST LECTURERS

### THE WILLIAM S. AND GRACE SNYDER LECTURESHIP IN OPHTHALMOLOGY

- 1995 — John T. Flynn, M.D.
- 1996 — Patrick Ho, M.D.
- 1997 — Herbert E. Kaufman, M.D.
- 1998 — Roger F. Steinert, M.D.
- 1999 — Robert N. Weinreb, M.D.
- 2001 — Creig S. Hoyt, M.D.
- 2002 — George B. Bartley, M.D.
- 2003 — Stuart L. Fine, M.D.
- 2004 — Thomas M. Aaberg, Sr., M.D.
- 2005 — Richard L. Lindstrom, M.D.
- 2006 — Peter J. McDonnell, M.D.
- 2007 — Paul R. Lichter, M.D.
- 2008 — Stephen J. Ryan, M.D.
- 2009 — Samuel Masket, M.D.
- 2010 — Andrew G. Lee, M.D.
- 2011 — Joel S. Schuman, M.D.
- 2012 — Douglas D. Koch, M.D.
- 2013 — Daniel F. Martin, M.D.
- 2014 — Warren E. Hill, M.D.
- 2015 — George A. Williams, M.D.
- 2016 — Allen D. Beck, M.D.
- 2017 — Steve Charles, M.D.
- 2018 — Geoffrey Tabin, M.D.
- 2019 — Eduardo C. Alfonso, M.D.
- 2021 — Christopher Girkin, M.D.
- 2022 — Cynthia A. Toth, M.D.
- 2023 — Mark W. Johnson, M.D.



**The William S. and Grace Snyder Lectureship in Ophthalmology** was endowed by William B. Snyder, M.D., and his wife, Phyllis, in memory of Dr. Snyder's parents, both of whom practiced medicine in the state of Kentucky. Dr. and Mrs. Snyder were longstanding supporters of the Vanderbilt Eye Institute and Vanderbilt University Medical Center. Dr. Snyder was a 1957 graduate of the Vanderbilt University School of Medicine and a senior partner in Texas Retina Associates based in Dallas, Texas. Dr. and Mrs. Snyder established the William S. and Grace Snyder Visiting Professorship in Ophthalmology and provided a lead gift to establish the J. Donald Gass, M.D. Endowed Fellowship. Dr. Snyder has provided additional leadership following his appointment as inaugural Chairman of the Vanderbilt Eye Institute Advisory Board in 2005. In 2006, Dr. and Mrs. Snyder established the Phyllis G. and William B. Snyder Chair in Ophthalmology and Visual Sciences. Dr. Snyder passed away in 2019.

## THE MAURICE JAMES, M.D. LECTURESHIP IN OPHTHALMOLOGY

FRIDAY, APRIL 14, 2023 • 3:35 – 4:15 P.M.



LISA D. KELLY, M.D., M.Ed.

**LISA D. KELLY, M.D.**, is a Professor of Ophthalmology at the University of Cincinnati and the Taylor Asbury Professor of Comprehensive Ophthalmology. She is the medical director of the University Cincinnati Ophthalmology Clinics as well as the Director of Medical Student Education. Dr. Kelly received her medical degree from Harvard Medical School, went on to a residency in ophthalmology at Stanford Medical School, and, as a Heed Fellow, completed a fellowship in cornea and external diseases at the Massachusetts Eye and Ear Infirmary.

Dr. Kelly's research interests include ocular microbiology, social determinants of health, and medical education. She has been awarded 16 prizes for excellence in teaching and mentoring.

Dr. Kelly is president-elect of the AUPO Directors of Medical Student educators council. She is chair of the AAO Executive committee for the Minority Ophthalmology Mentoring (MOM) Program and Member-at-Large of the American Academy of Ophthalmology Board of Trustees.

## GUEST LECTURERS

### THE MAURICE JAMES, M.D. LECTURESHIP IN OPHTHALMOLOGY

2021 — Eve Higginbotham, M.D.

2022 — Keith D. Carter, M.D.

2023 — Lisa D. Kelley, M.D., M.Ed.



### **The Maurice James, M.D. Lectureship in Ophthalmology**

promotes the advancement of diversity, equity and inclusion in ophthalmology. This lectureship was established in 2021 to honor the legacy of Dr. Maurice James, who was Vanderbilt ophthalmology's first African American trainee.

Dr. James is a native of Mississippi, but traveled to New York City for medical school, receiving his MD from Columbia. There he became interested in ophthalmology and he went on to complete a residency in ophthalmology at Harlem Hospital, which was a Columbia affiliated hospital. He returned to the south to become not only Vanderbilt's first retina fellow but Vanderbilt ophthalmology's first trainee of color. After Vanderbilt, Dr. James returned to Mississippi, where he was the first board certified ophthalmologist in the state and opened an ophthalmology practice 20 miles from where he was reared and received his early education. In addition to establishing his practice, he associated himself with the pre-health program at his alma mater Tougaloo College, helping prepare other young men and women for admission to medical schools. In addition, he worked with the local Community Health Centers, which were created to serve the underserved and Dr. James took on those patients with enthusiasm and was part of helping to make the mission of community health centers successful. Dr. James is a physician who has truly made a difference in his community, and we are proud that he is a Vanderbilt ophthalmology graduate.

## NOTES

## NOTES

## FOR QUESTIONS OR ADDITIONAL INFORMATION ON:

### **Meeting Logistics and Related Questions**

LACY ORTIZ  
Vanderbilt Eye Institute  
(615) 936-0044  
lacy.j.ortiz@vumc.org

### **Hotel Reservations**

Loews Vanderbilt Hotel  
2100 West End Avenue  
Nashville, TN 37203  
(615) 320-1700

### **Meeting Content**

Jeffrey Kammer, M.D.  
Course Director  
Vanderbilt Eye Institute  
jeffrey.kammer@vumc.org



## **AMERICANS WITH DISABILITIES ACT**

It is the policy of Vanderbilt University Medical Center not to discriminate against any person on the basis of disability.

If you need services or auxiliary aids mentioned in this act in order to fully participate in this continuing education activity, please contact:

Lacy Ortiz at (615) 936-0044 or  
lacy.j.ortiz@vumc.org

