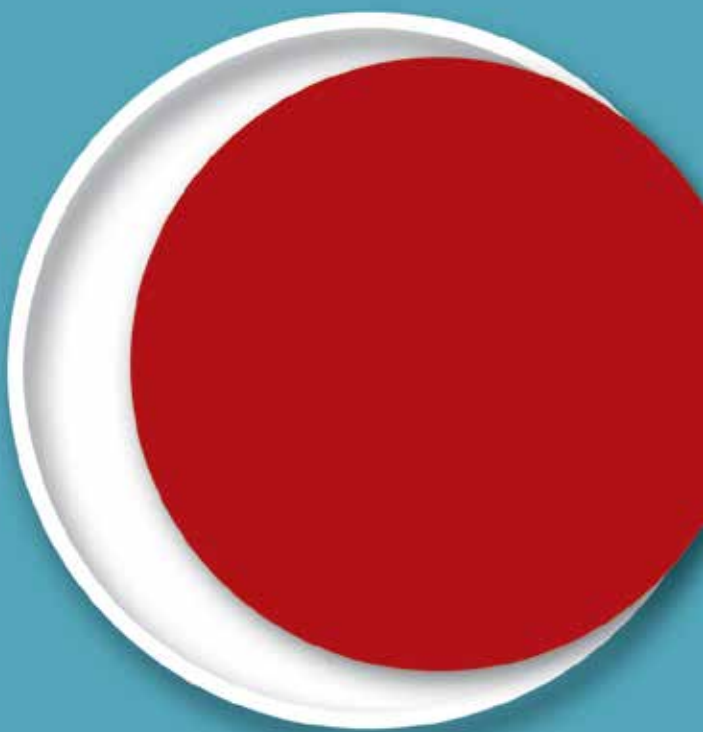


# 2024 COMPREHENSIVE OPHTHALMOLOGY PEARLS XXV



**FRIDAY • APRIL 12, 2024**

**HILTON GARDEN INN  
NASHVILLE VANDERBILT**

**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 2024 Comprehensive Ophthalmology Pearls Symposium, held at Hilton Garden Inn Nashville Vanderbilt.

This year's meeting features a distinguished guest speaker list including Drs. Ore-Ofe O. Adesina, James C. Tsai, Karolinne Maia Rocha and George O. Waring, IV.

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. James Tsai will deliver this year's William and Grace Snyder Lecture and Dr. Ore-ofe O. Adesina 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.



**DAVID K. WALLACE, M.D., M.P.H.**

George W. Hale Professor and Chair  
Department of Ophthalmology and Visual Sciences  
Director, Vanderbilt Eye Institute

**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/pearls24>

## 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 5th 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

**HILTON GARDEN INN**

**NASHVILLE VANDERBILT**

**1715 Broadway • Nashville, TN • 615-369-5900**

**MENTION GROUP NAME VE124**

**THE BLOCK OF ROOMS WILL BE FILLED AT  
FIRST COME FIRST SERVE**

## 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 7.25 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 pending approval from COPE.

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

**ORE-OFE O. ADESINA, M.D.**

Neuro-ophthalmology & Orbital Disease  
Associate Professor of Ophthalmology and Clinical Associate  
Professor of Neurology  
John P. McGovern Professorship in Ophthalmology  
Medical Director and Director of Neuro-ophthalmology  
Ruiz Department of Ophthalmology & Visual Science  
McGovern Medical School at UT Health Science Center

**JAMES C. TSAI, M.D., M.B.A., F.A.C.S.**

President, New York Eye and Ear Infirmary of Mount Sinai  
System Chair and Delafield-Rodgers Professor of  
Ophthalmology  
Department of Ophthalmology  
Icahn School of Medicine at Mount Sinai  
Mount Sinai Health System

**KAROLINNE MAIA ROCHA M.D., PH.D.**

Director Cornea & Refractive Surgery  
Professor of Ophthalmology  
Cornea & Refractive Surgery Fellowship Director  
Storm Eye Institute  
Medical University of South Carolina (MUSC)

**GEORGE O. WARING IV, M.D., F.A.C.S.**

Medical Director  
Waring Vision Institute  
Mt. Pleasant, SC

---

**ERIC BROWN, M.D., PH.D.**  
Associate Professor  
Vanderbilt Eye Institute

**SAPNA GANGAPUTRA, M.D., M.P.H.**  
Associate Professor  
Vanderbilt Eye Institute

**DEEPA CHANDRASEKARAN, O.D.**  
Assistant Professor  
Vanderbilt Eye Institute

**ABDUL-HADI KAAKOUR, M.D., M.S.**  
Assistant Professor  
Vanderbilt Eye Institute

**EDWARD CHAUM, M.D., PH.D.**  
Professor  
Vanderbilt Eye Institute

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

**AVNI FINN, M.D., M.B.A.**  
Assistant Professor  
Vanderbilt Eye Institute

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

**ALEXIS FLOWERS, M.D.**  
Assistant Professor  
Vanderbilt Eye Institute

**ANVESH REDDY, M.D.**  
Associate Professor  
Vanderbilt Eye Institute

## FRIDAY, APRIL 12, 2024

HILTON GARDEN INN • NASHVILLE VANDERBILT

---

7:00 – 7:40 am	<b>Continental Breakfast</b>
7:00 am	<b>Registration</b>
7:40 – 7:45 am	<b>Welcoming Remarks and Introduction</b> <b>Jeff Kammer, M.D.</b>
7:45 – 7:50 am	<b>Welcoming Remarks</b> <b>David Wallace, M.D., M.P.H.</b>

---

### SECTION 1—

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

---

7:50 – 8:10 am	Visual Outcomes and Quality of Vision with Next Generation Presbyopia-Correcting IOLs <b>Karoline Rocha, M.D., Ph.D.</b>
8:10 – 8:30 am	Dysfunctional Lens Syndrome <b>George Waring IV, M.D., F.A.C.S.</b>
8:30 – 8:50 am	Color, Color, Which Do You Choose? <b>Deepa Chandrasekaran, O.D.</b>
8:50 – 9:10 am	Anterior Segment Reconstruction & Complex Cataract Management <b>Karoline Rocha, M.D., Ph.D.</b>
9:10 – 9:30 am	Future Concepts in Refractive Lens Surgery: Lens Volume, Modular IOLs and Refractive Indexing <b>George Waring IV, M.D., F.A.C.S.</b>
9:30 – 9:45 am	<b>Panel Discussion/Q&amp;A</b>
9:45 – 10:05 am	<b>Refreshment Break</b>

---

### SECTION 2—

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

---

10:05 – 10:45 am	<i>The Maurice James, M.D. Lectureship in Ophthalmology</i> My DEI Journey and Lessons Learned <b>Ore-Ofeoluwatomi Adesina, M.D.</b>
10:45 – 11:05 am	Diagnostic Imaging in Papilledema <b>Alexis Flowers, M.D.</b>
11:05 – 11:25 am	Update on Optic Neuritis <b>Ore-Ofeoluwatomi Adesina, M.D.</b>
11:25 – 11:45 am	Posterior cortical atrophy <b>Reid Longmuir, M.D.</b>

---

---

11:45 – 12:00 pm      **Panel Discussion/Q&A**

---

12:00 – 1:00 pm      **Lunch**

---

### SECTION 3—

**Moderator: EDWARD CHERNEY, M.D.**

---

1:00 – 1:20 pm      Charting Your Course Through  
Geographic Atrophy  
**Hadi Kaakour, M.D., M.S.**

---

1:20 – 1:40 pm      Ocular Telehealth—2024 and Beyond  
**Edward Chaum, M.D., Ph.D.**

---

1:40 – 2:00 pm      Cataract Surgery in Eyes with Ocular  
Inflammation—Risk Factors and  
Visual Outcomes  
**Sapna Gangaputra, M.D., M.P.H.**

---

2:00 – 2:20 pm      INflammatory MediatorS in the Pathophysiology  
of Diabetic RETinopathy (INSPIRE) Study  
**Stephen Kim, M.D.**

---

2:20 – 2:40 pm      Emerging treatments for Retinal Disease  
**Avni Finn, M.D., M.B.A.**

---

2:40 – 2:55 pm      **Panel Discussion/Q&A**

---

2:55 – 3:15 pm      **Refreshment Break**

---

### SECTION 4—

**Moderator: JEFFREY KAMMER, M.D.**

---

3:15 – 3:55 pm      *The William S. and Grace Snyder Lectureship  
in Ophthalmology*  
New Innovative Directions in Ophthalmic  
Artificial Intelligence and Digital Health  
**James Tsai, M.D., M.B.A., F.A.C.S.**

---

3:55 – 4:15 pm      The Power of Speaking the Same Language  
**Eric Brown, M.D., Ph.D.**

---

4:15 – 4:35 pm      Advances in Telemedicine and Remote  
Monitoring in Ophthalmology  
**James Tsai, M.D., M.B.A., F.A.C.S.**

---

4:35 – 4:55 pm      Adrift in a Digital Sea: Navigating the Promise  
and Pitfalls of Technology in Medicine  
**Anvesh Reddy, M.D.**

---

4:55 – 5:10      **Panel Discussion/Q&A**

---

5:10 pm      **Adjourn**

---

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

FRIDAY, APRIL 12, 2024 • 3:15 – 3:55 P.M.



### **JAMES C. TSAI, M.D., M.B.A., F.A.C.S.**

**DR. JAMES TSAI** serves as President of the New York Eye and Ear Infirmary of Mount Sinai (NYEE), the nation's first and longest operating specialty hospital, as well as System Chair and Delafield-Rodgers Professor of Ophthalmology at the Icahn School of Medicine at Mount Sinai. Before joining Mount Sinai, Tsai was the inaugural Robert R. Young Professor and Chair of the Department of Ophthalmology and Visual Science at Yale University School of Medicine and Chief of Ophthalmology at Yale-New Haven Hospital. Before his Yale faculty appointment, he directed the glaucoma division at the Edward S. Harkness Eye Institute, Columbia University College of Physicians and Surgeons. Tsai began his academic career at Vanderbilt University Medical Center, where he served as Assistant Professor of Ophthalmology and Visual Sciences and Residency Program Director.



A *Magna Cum Laude* graduate and Trustee Emeritus of Amherst College, Tsai earned his M.D. from Stanford University School of Medicine, his M.B.A. from Vanderbilt University, and a M.A. (Hon) from Yale University. He completed his residency in ophthalmology at the LAC-USC Medical Center and Doheny Eye Institute (at the time affiliated with the University of Southern California). Tsai received his glaucoma fellowship training at the Bascom Palmer Eye Institute, University of Miami Health System, and at Moorfields Eye Hospital/Institute of Ophthalmology in London. He is the recipient of the American Academy of Ophthalmology's Life Achievement Honor Award, Fight for Sight's Physician Scientist Award, USC/Doheny Eye Institute's Distinguished Alumnus Award, and Crain's New York Business' 2022 Notable Health Care Leaders Award.

## 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.  
2024 — James C. Tsai, M.D., M.B.A., F.A.C.S.



**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 12, 2024 • 10:05 – 10:45 A.M.



### ORE-OFE O. ADESINA, M.D.

**ORE-OFE O. ADESINA, M.D.** is a board-certified ophthalmology trained surgical neuro-ophthalmologist with additional training in oculoplastics and orbit. He completed his undergraduate degree in Chemical Engineering at the University of Oklahoma in 2003 and earned his medical degree from the University of Oklahoma College of Medicine in 2008. He did an internship in internal medicine followed by his residency in Ophthalmology between 2009-2012 at the University of Oklahoma's Dean McGee Eye Institute. He then completed his fellowship training in Neuro-ophthalmology and Orbit at the University of Utah's Moran Eye Center in 2013 with a preceptorship in oculoplastics and orbital surgery under Dr. Bhupendra Patel.

He has been with the Robert Cizik Eye Clinic and Ruiz Department of Ophthalmology and Visual Science at UTHealth since December of 2013 where he serves as the director of neuro-ophthalmology and medical director for the clinic and department. He is currently an Associate

Professor of Ophthalmology and Clinical Associate Professor of Neurology at McGovern Medical School at UTHealth in Houston, TX. In addition to the medical care of neuro-ophthalmic patients, he performs functional oculoplastics and orbital surgeries in the inpatient and outpatient settings as well as adult strabismus surgery. This includes involitional and paralytic eyelid malpositions, orbital decompressions, medial wall and orbital floor fracture repairs, optic nerve sheath fenestrations, orbital tumor biopsies and excisions, socket surgeries, and complex strabismus. His research interest is in imaging and disorders the optic nerve and orbit.

He is a Fellow of the North American Neuro-ophthalmology Society where he currently serves on the pipeline recruitment committee, and as Vice Chair of the DEI committee. He is also a fellow of the American Academy of Ophthalmology through which he serves as a mentor in the Minority Ophthalmology Mentoring program. He is a member of the National Medical Association (NMA) Ophthalmology section supporting the Rabb Venable Program and serves as the AAO Council Representative for the organization. Locally, he is also a member of the Houston Ophthalmological Society, and the Texas Ophthalmological Association

## 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.

2024 — Ore-ofe O. Adesina, M.D.



### **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

**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**

HILTON GARDEN INN NASHVILLE VANDERBILT  
1715 Broadway  
Nashville, TN 37203  
(615) 369-5900  
**Group Name: VE124**

**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

**VANDERBILT EYE INSTITUTE**  
2311 Pierce Avenue  
Nashville, TN 37232  
Phone (615) 936-2020 or (866) 565-EYES