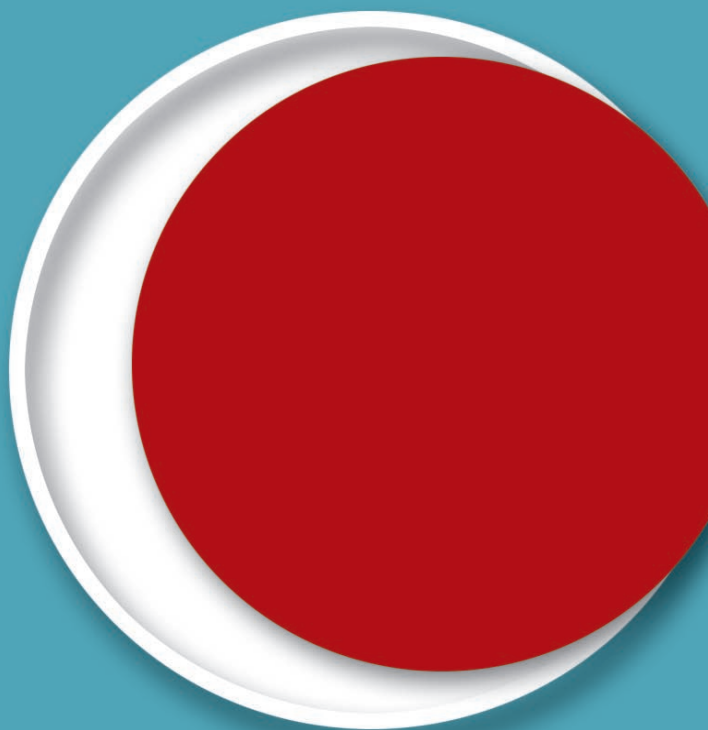


2024

COMPREHENSIVE
OPHTHALMOLOGY

PEARLS XXV



FRIDAY • APRIL 12, 2024

**HILTON GARDEN INN
NASHVILLE VANDERBILT**

VANDERBILT EYE INSTITUTE

VANDERBILT UNIVERSITY MEDICAL CENTER

ON 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
Associate 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)TM*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing education credits in optometry for the 2024 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	Continental Breakfast
7:00 am	Registration
7:40 – 7:45 am	Welcoming Remarks and Introduction Jeff Kammer, M.D.
7:45 – 7:50 am	Welcoming Remarks David Wallace, M.D., M.P.H.

SECTION 1—Cornea/Anterior Segment

Moderator: UYEN TRAN, M.D.

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

SECTION 2—Neuro-Ophthalmology

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 Ore-Ofeoluwatomi Adesina, M.D.
10:45 – 11:05 am	Diagnostic Imaging in Papilledema Alexis Flowers, M.D.
11:05 – 11:25 am	Update on Optic Neuritis Ore-Ofeoluwatomi Adesina, M.D.
11:25 – 11:45 am	Posterior cortical atrophy Reid Longmuir, M.D.

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

12:00 – 1:00 pm **Lunch**

SECTION 3—Retina

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—Technological Innovations in Eye Care

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

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