

2023 WILLIFORD DISTINGUISHED VISITING PROFESSOR (DVP) LECTURE



Edward Chaum, M.D., Ph.D.
*Margy Ann and J. Donald M. Gass
Professor of Ophthalmology
Vanderbilt Eye Institute*

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Edward Chaum, M.D., Ph.D. specializes in all aspects of the medical and surgical management of retinal diseases, with particular interests in macular degeneration, diabetic retinopathy, and telemedicine. Dr. Chaum is the emeritus Plough Foundation Professor of Retinal Diseases at the University of Tennessee Hamilton Eye Institute. He obtained his undergraduate degree from Johns Hopkins University and both an MD and PhD from Cornell University. He completed his residencies in pediatrics (Harvard University) and ophthalmology (Boston University) and received his retina surgical training at the Massachusetts Eye and Ear Infirmary (Harvard University). He is the recipient of numerous awards and distinctions throughout his academic career including the National Eye Institute Research Career Award, Best Doctors in America, Research to Prevent Blindness Senior Scientist Award, R&D 100 Award, and the American Telemedicine Association Innovation Award.

Dr. Chaum's research focuses on translational tissue and biomedical engineering, telemedicine, and the application of biosensors and nanotechnology to clinical medicine and surgery. He is the author of eighty papers and five book chapters and a recent textbook in the fields of molecular biology, biomedical engineering, image analysis, and clinical medicine and is co-author in one-hundred and thirty-five national clinical trial publications. He has five issued bioengineering patents and is a serial entrepreneur.

**THURSDAY, SEPTEMBER 28, 2023
6:00 PM – 7:30 PM**



Hamilton Eye Institute – Freeman Auditorium • 930 Madison Avenue, 3rd Floor • Memphis, TN, 38163

Agenda

- 6:00 PM Reception**
- 6:30 PM Introduction / Opening Remarks**
Matthew Wilson, MD, FACS, Chair Hamilton Eye Institute - UTHSC
- 6:35 PM Applied Materials and Biomedical Engineering in Ophthalmology: Past, Present, and Future** Edward Chaum, MD, PhD, Margy Ann and J. Donald M. Gass Professor of Ophthalmology, Vanderbilt Eye Institute
- 7:25 PM Question and Answer**
- 7:30 PM Closing Remarks and Adjournment** Mary Ellen Hoehn, MD

AWARD PRESENTATION WILL FOLLOW PROGRAM

Learning Objectives

- Acquire an improved knowledge of the role of bioengineering in advancing current clinical practices.
- Demonstrate skills for a new regimen of treatment methods to implement within their own practice, e.g. American Academy of Ophthalmology (AAO) skills transfer courses at Academy.
- Apply new treatment methods and devices into practice to enhance efficiency and performance.
- Discuss new and evolving strategies that have the potential to improve clinical patient outcomes.

Disclosure Statement

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Up to 1 CME / CEU credit provided.



AMA Credit Designation:

The University of Tennessee College of Medicine (UTCOM) designates this live activity for a maximum of 1 AMA PRA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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Accreditation:

The UTCOM is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.



Online registration is available at: <https://cenow.uthsc.edu/content/2023-williford-dvp>

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