

# The MUSC Storm Eye Institute Alumni Meeting 2025



Friday, April 4, 2025

MUSC Bio-engineering Building

68 President Street

Charleston, SC 29425

For More Information:

Visit [www.musc.edu/cme](http://www.musc.edu/cme), Call the Office of CME,  
843-876-1925 or email [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu)



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## COURSE FACULTY

### CONFERENCE DIRECTOR

**Lynn J. Perry, M.D., PhD**  
Assistant Professor  
Department of Ophthalmology  
Storm Eye Institute  
Medical University of South Carolina

### GUEST FACULTY

**Rachel Bishop, M.D., MPH**  
Clinical Associate  
Wilmer Eye Institute  
Johns Hopkins Medicine

**Alex Christoff, BSc,**  
Orthoptist  
Associate Professor of Ophthalmology  
Immediate Past President  
American Association of Certified Orthoptists (AACO)  
Johns Hopkins University School of Medicine

### MUSC FACULTY-STORM EYE INSTITUTE

**Jella An, M.D,**  
Professor of Clinical Ophthalmology  
Director of Glaucoma Fellowship  
Department of Ophthalmology

**Eric L. Berman, M.D.**  
Dr. William A. and Sandra F. Johnson Endowed Chair in Neuro-  
Ophthalmology  
Director, Neuro-Ophthalmology Service

**Jeffrey P. Blice, M.D.**  
Professor  
Department of Ophthalmology

**Andrew Eisman, M.D.**  
Professor of Ophthalmology  
Stanley and Theodora Feldberg Endowed Chair  
Chairman, Department of Ophthalmology  
Director, Division of Ophthalmic Plastic and Reconstructive Surgery

**Karen Fernandez, M.D.**  
Assistant Professor  
Department of Ophthalmology

**Larissa Gouvea M.D.**  
Assistant Professor  
Pediatric Cornea & External Diseases  
Cornea & Cataract & Refractive Surgery  
Pediatric Ophthalmology

**Jim Ellis, M.D.**  
Private Practice: Partner  
Executive Committee Member  
North Virginia Ophthalmology Associates  
Falls Church, VA

**Marc Toeteberg-Harms, M.D.**  
Associate Professor  
Director of Quality Assurance – Ophthalmology  
Department of Ophthalmology & Visual Sciences  
University of Iowa Health Care

**Rakesh Patel, M.D.**  
Oculoplastic Surgery Specialist  
Charleston Oculoplastic Plastic Surgery  
Charleston, South Carolina

**Tala Kassm, D.O.**  
Assistant Professor  
Director of Glaucoma Service

**Cole Milliken, M.D.**  
Cornea, Refractive, Anterior Segment Surgeon  
Carolina Eyecare Physicians  
Adjunct Professor Moran Eye Institute

**Elizabeth Pearsall, Ph.D.**  
Assistant Professor  
Department of Ophthalmology

**Maurico Pereira, M.D., Ph.D.**  
Clinical Associate Professor  
Department of Ophthalmology

**Karolinne Rocha, M.D., PhD**  
Professor of Ophthalmology  
Cornea & Refractive Surgery Fellowship Director  
Arturo & Holly Melosi Endowed Chair in Ophthalmology

**Emil Say, M.D.**  
Assistant Professor  
Department of Ophthalmology

**Peter Tang, M.D., PhD**  
Assistant Professor  
Department of Ophthalmology

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## CONFERENCE DESCRIPTION

This one day ophthalmology conference covers a broad variety of topics relevant to all practicing eye specialists. This course is intended for MD (ophthalmologists), OD (optometrists), and ophthalmic technicians.

## CREDIT DESIGNATION

### Physician Credit Statement

The Medical University of South Carolina designates this live activity for a maximum of 6.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Other Credit Statements

**Nurses:** Most states accept CMEs that apply to a specific nursing specialty as nursing continuing education. Please check with your respective State Board of Nursing to ascertain the equivalent number of contact hours offered for 6.5 *AMA PRA Category 1 Credit(s)*<sup>™</sup>.

**PAs:** AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit(s)*<sup>™</sup> and Prescribed credit from AAFP from organizations accredited by ACCME or a recognized state medical society. The MUSC Office of CME provides certificates to PAs with a statement, approved by AAPA, that PAs may receive a maximum of 6.5 AAPA Category 1 Credits for this conference.

**Techs:** This program has been accredited for 6.5 IJCAHPO CE credits through the Storm Eye Institute.

## ELECTRONIC SYLLABUS

The conference syllabus will be provided online. Information will be emailed to you the week of the conference so that you may download/print a copy.

## CANCELLATION

A refund for paying attendees will be made upon written request prior to March 10, 2025 less a \$25 cancellation fee. After March 10th, no refunds will be made. We reserve the right to cancel the program if necessary. Full registration fees will be refunded for canceled programs.



## ACCREDITATION

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

## DISCLOSURE

In accordance with the ACCME Essentials & Standards, anyone involved in planning or presenting at this educational activity will be required to disclose any relevant financial relationships with commercial interests in the health care industry. This information will be made available to participants at the beginning of the activity. Speakers who incorporate information about off-label or investigational use of drugs or devices will be required to disclose that information at the beginning of their presentation.

## AMERICANS WITH DISABILITIES ACT

It is the policy of the Medical University of South Carolina not to discriminate against any person on the basis of disabilities. If you feel you need services or the auxiliary aids mentioned in this act in order to fully participate in this continuing medical education activity, please call the Office of CME at 843-876-1925.

## REGISTRATION FEES

MD, DO, OD	Complimentary
Storm Eye Ophthalmic Technician	Complimentary
Student, Resident, Researcher, Other	Complimentary
Ophthalmic Technician (non-MUSC)	\$50.00

Registration fee includes conference breakfast, lunch, breaks, reception, electronic course syllabus, and credit processing.

No pre-registrations will be accepted after March 10, 2025. After this date, you must contact the MUSC Office of CME at [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu) for availability.

## REGISTRATION METHODS:

Please use ONE of these methods to register.

1. Mail registration form with check\* or credit card information to:

MUSC Office of CME  
96 Jonathan Lucas Street  
HE601, MSC 754  
Charleston, SC 29425

\*Make checks out to "Medical University of South Carolina"

2. Email/Scan completed registration form to [cmeoffice@musc.edu](mailto:cmeoffice@musc.edu)

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## COURSE AGENDA FOR FRIDAY, APRIL 4, 2025

7:30am Registration/Breakfast with Exhibitors

8:00 Welcome and Introductions, *Andrew S. Eiseman, M.D.*

8:05 **Glaucoma Interesting Cases: Round Table**, *Jella An, M.D., Tala Kassm, D.O., Marc Toetenberg-Harms, M.D.*

Describe a case of hypotony after trabeculectomy surgery. Gain insight in different complications associated with hypotony after glaucoma surgery. Recognize different approaches in non-surgically managing hypotony. Discuss different approaches in surgically managing hypotony. Analyze complex and atypical glaucoma cases to identify key diagnostic and management challenges. Differentiate between various secondary glaucoma based on clinical presentation, imaging, and diagnostic tests. Formulate individualized treatment plans for challenging glaucoma cases, incorporating surgical and non-surgical options.

9:00 **Plastics and neuro-ophthalmology interesting cases: Round table**, *Eric Berman, M.D. and Andrew S. Eiseman, M.D., Rakesh Patel, M.D.*

Discuss Periocular Infection: Create a differential diagnosis for periocular infections. Appropriately diagnose and treat periocular infections

9:45 **"A New Class of Wet AMD Therapeutics"**

**Ketone Bodies in Choroidal Neovascularization**, *Elizabeth Pearsall, Ph.D.*

Update on current therapeutic approaches and remaining unmet clinical needs for wet AMD/choroidal neovascularization (CNV).

Introduce role of innate immunity in CNV from a basic research and clinical perspective. Present basic research findings demonstrating the efficacy of ketone bodies in CNV.

10:15 Break with Exhibitors

10:30 **Henry and Sylvia Yaschik Lectureship in Ophthalmology: "Is there still a need for trabeculectomies in the modern surgical glaucoma armamentarium?"** *Marc Toetenberg-Harms, M.D.*

Discuss the differences between trabs and tube shunts in regard to efficacy and safety. Gain familiarity with postoperative management of trabs including complications. Recognize which patient will do well with a trab and which patient will better qualify for a different procedure.

11:30 **Cornea Interesting Cases: Round Table**, *Karen Fernandez, M.D., Larissa Gouvea, M.D., Cole Milliken, M.D. and Karolinne Rocha, M.D., Ph.D.*

Assess the differential diagnosis of corneal diseases, incorporate new treatment guidelines to their practices. Discuss Biometry Challenges in a Postoperative RK Eyes: Review recommended biometry protocols for post RK patients. Discuss both premium and non-premium lens options for the RK population. Discuss corneal stability in RK eyes after phaco surgery

12:15 Lunch (Provided) in the Drug Discovery Lobby

1:15 **Feldberg Lecture – "Ebola and the Eyes: Clinical Findings and Public Health Lessons from Liberia"**, *Rachel Bishop, M.D.*

Identify the most common ocular manifestations of Ebola. Describe approach to treatment and clinical outcomes of Ebola-associated uveitis. Discuss considerations when designing and conducting ophthalmic clinical research in a resource-limited environment

2:15 **"Vision Standards and Requirements for Public Service and Military Personnel"**, *Alex Christoff, BSc*

Recognize current vision standards for military, law enforcement, and select public transportation personnel. Gain access to resources that describe the vision requirements of military and public service personnel. Facilitate the sharing of this information with your patients, colleagues, and staff.

2:45 **Retina interesting cases: Round Table**, *Jeff Blice, M.D., Mauricio Pereira, M.D., Ph.D., Emil Say, M.D., and Peter Tang, M.D., Ph.D.*

Present interesting aspect of retina disease for the Comprehensive Ophthalmologist. Highlight approaches and opinions in dealing with retinal disease. Discussion about current trends and practice in vitreoretinal surgery.

3:45 Break with Exhibitors

4:00 **Saunders Lectureship in Ophthalmology – "Design, Development, and Performance of the JelliSee Accommodating IOL"**

*Jim Ellis, M.D. \*Please note this is a non-CME Presentation\**

Update the audience regarding accommodation, presbyopia, and presbyopia correcting intraocular lens technologies. Inform the audience regarding FDA, ANSI and ISO standards for intraocular lenses. Allow the audience to better comprehend the process of intraocular lens development and testing.

5:00 Meeting Adjourn



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*By Registering for this conference, you acknowledge and agree to the cancellation policy stated below.*

Name \_\_\_\_\_ Personal ID# XXX - XX - \_\_\_\_\_  
(As you would like it printed on your name badge) (Last four digits of your SSN)

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Specialty \_\_\_\_\_ Degree/Credentials \_\_\_\_\_

Email \_\_\_\_\_  
(Please provide your active email address to ensure proper receipt of all CME Credit documentation.)

Phone (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Fax (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

## PLEASE READ THE STATEMENTS BELOW AND CHECK THE BOX IF YOU AGREE.

☐ YES I give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.

☐ NO I do not give permission to the MUSC Office of CME to share my name, city, and state with other attendees and the companies that will be exhibiting at and/or supporting the conference through educational grants.

## PLEASE SELECT THE APPROPRIATE RATE(S)

MD/DO  
OD

Storm Eye Ophthalmic Technician

☐ Complimentary  
☐ Complimentary  
☐ Complimentary

Student/Resident  
Researcher (PhD)

☐ Complimentary  
☐ Complimentary

## REGISTRATION METHODS

(Please use ONE of these methods to register. Do not mail if previously faxed or telephoned).

- Mail registration form with check made out to "Medical University of South Carolina" or credit card information to  
Office of CME  
Medical University of South Carolina  
96 Jonathan Lucas Street  
HE601, MSC 754  
Charleston, SC, 29425
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**Register Online!**  
[www.musc.edu/cme](http://www.musc.edu/cme)