



# Scheie Eye Institute



## 153<sup>RD</sup> ANNIVERSARY MEETING/ 53<sup>RD</sup> ANNIVERSARY MEETING OF THE SCHEIE EYE INSTITUTE

– IN-PERSON AND VIRTUAL –



A CME-ACCREDITED CONFERENCE

Join us for the  
**Vision Science Symposium**  
on **Friday, May 15, 2026**.

Separate registration is required.  
Click **HERE** for more info!

**Saturday, May 16, 2026**

**Scheie Eye Institute  
Kozart Auditorium  
Penn Medicine  
Presbyterian Medical Center  
51 N. 39th Street  
Philadelphia, PA 19104**

Endorsed by:

Pennsylvania Academy  
of Ophthalmology



The Eye Physicians and Surgeons



**Penn Medicine**  
Continuing Medical and  
Interprofessional Education

**Course Director**  
**Stephen E. Orlin, MD**

**Course Co-Directors**  
**Alexander J. Brucker, MD**  
**Vatinee Y. Bunya, MD, MSCE**  
**Joshua L. Dunaief, MD, PhD**

<https://upenn.cloud-cme.com/scheieeye2026>



## Message from the Course Director

The Scheie Eye Institute at the University of Pennsylvania's Perelman School of Medicine is pleased to welcome members of the community to our **Annual Anniversary Meeting** held on **Friday, May 15**, and **Saturday, May 16, 2026**.

Following the tradition of successful meetings over the past few years, the Department of Ophthalmology will host a two-day meeting to highlight both vision science at Penn and ongoing clinical and research activities at the Scheie Eye Institute in 2026. The Friday program will be dedicated to basic and translational research and Saturday will highlight clinical and research updates and will also spotlight a variety of fascinating clinical case studies that will be of appeal to practitioners in all ophthalmic disciplines.

Our keynote speakers are Carol L. Karp, MD, Professor of Ophthalmology and Richard K. Forster Chair in Ophthalmology at the University of Miami, Miller School of Medicine, delivering the 20th David M. Kozart Memorial Lecture; and Tomas S. Aleman, MD, Irene Heinz-Given and John LaPorte Research Professor and Director of the Retinal Structure and Function Laboratory, Perelman School of Medicine, and Co-Director Center for Hereditary Retinal Degenerations, Scheie Eye Institute delivering the 12th Honored Alumni Lecture and 4th Alan M. Laties, MD Memorial Lectureship.

We look forward to welcoming all members of our community.

*The program will be simulcast live for those who cannot be present.*

**Stephen E. Orlin, MD**

*\*The Vision Science Symposium will be held on Friday, May 15, 2026 is not certified for CME and requires separate registration to attend. Click the link on the brochure cover to register for the Vision Science Symposium.*

## Program Overview & Target Audience

This course is designed to provide the audience with the most current clinical advances in ophthalmology and highlight on-going research taking place at the Scheie Eye Institute in the fields of glaucoma, anterior segment, retinal diseases, genetics, oculoplastic surgery, neuro-ophthalmology & ocular pathology.

### LEARNING OBJECTIVES

Upon completion of this activity, participants should be able to:

- Identify insights into new developments in the management of glaucoma
- Review diagnosis and management of complicated oculoplastic cases in the adult and pediatric age group
- Identify the latest developments in treatment options for various diseases of the retina including macular degeneration
- Review the diagnostic challenges and management of various diseases that affect the optic nerve
- Identify new methods of diagnosis and management of various diseases of the cornea including dry eye disease
- Review diagnostic challenges and management of various neuro-ophthalmic diseases

### HOSTING DEPARTMENT

The 153rd Anniversary Meeting/53rd Anniversary Meeting of the Scheie Eye Institute is hosted by the Scheie Eye Institute at the University of Pennsylvania, Perelman School of Medicine.





## ACCREDITATION



In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## DESIGNATION OF CREDIT

**Physicians:** Penn Medicine designates this live activity for a maximum of 7.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Physician Assistants:** Penn Medicine has been authorized by the American Academy of PAs (AAPA) to award *AAPA Category 1 CME credit* for activities planned in accordance with AAPA CME Criteria. This activity is designated for 7.0 *AAPA Category 1 CME credits*. PAs should only claim credit commensurate with the extent of their participation.

**Certificates and Transcripts:** After the conference has concluded, all participants will receive a follow-up email with instructions on how to claim their credit. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

## LIVE AND VIRTUAL PRESENTATIONS

The *153rd Anniversary Meeting/53rd Anniversary Meeting of the Scheie Eye Institute* will be held Saturday, May 16, 2026 by in-person or live-stream (virtual) attendance. The live and virtual presentations will follow the scheduled agenda in real time (EDT). You must be registered to attend in-person or virtually.

### TO ATTEND IN-PERSON:

#### Meeting Locations & Parking

**Saturday, May 16, 2026**

Scheie Eye Institute

Kozart Auditorium

Penn Medicine Presbyterian Medical Center

51 N. 39th Street, Philadelphia, PA 19104

Parking is available at the Presbyterian Medical Center Parking Garage located at 3801 Filbert Street, which is across the street from the Scheie Eye Institute. Parking costs are approximately \$20 per day. Parking costs are not validated or reimbursed.

### TO ATTEND BY LIVE-STREAM (VIRTUAL):

Attendees who are registered to attend virtually will receive an email 48 hours in advance with details on how to join the symposium. including the link to join the symposium 48 hours in advance. All virtual attendees will be required to sign into the meeting using your first name, last name and email address in order to be marked as attended and receive an email after the conference with details on how to receive credit.

## HOW TO REGISTER

Please register online at

<https://upenn.cloud-cme.com/scheieeye2026>.

There is no registration fee to attend this conference, but preregistration is required.

**All pre-registered, in-person attendees** will receive access to the conference, attendee booklet, continental breakfast, lunch and breaks. Registration also includes access to view the presentations online for one year. Please be sure to register in advance.

**All pre-registered virtual attendees** will receive an email 48 hours in advance that includes that includes a link with instructions to sign-in and join the virtual conference. The email will also include the attendee booklet (downloadable PDF). Registration also includes access to view the presentations online for one year.

### Need to Register by Mail?

*Please note:* mailed registrations may take more than 5-10 business days before they are received because we continue to experience longer delays in receiving mail. We encourage all attendees to register online. See the registration form for mailing instructions. All registrations will be confirmed by email as long as your registration is received before May 14, 2026.

BE SURE TO CHECK YOUR SPAM BOX FOR EMAILS REGARDING THIS CONFERENCE.

**ATTENTION:** If you do not already have a UPenn Cloud CME profile, first create one before registering for this activity. Start by clicking on the "SIGN-IN" button in the toolbar at the top left. Then click the "SIGN-IN WITH EMAIL AND PASSWORD" option, followed by clicking "CREATE NEW ACCOUNT" for your initial entry. DO NOT CREATE A NEW PROFILE IF YOU ALREADY HAVE ONE. Penn Medicine employees MUST sign in using their PennKey and password option. If you aren't sure if you have a profile, please contact the CME office at [penncme@pennmedicine.upenn.edu](mailto:penncme@pennmedicine.upenn.edu).

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## ANNIVERSARY DINNER REGISTRATION

The Anniversary Dinner will be held on Saturday, May 16, 2026. The Banquet Dinner is complimentary but requires registration. Select the option to join the dinner during the meeting registration process.

Additional details on the location and time for dinner will be emailed to those registered to attend.

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## OVERNIGHT ACCOMMODATIONS

within walking distance of both meeting locations:

### The Sheraton University City

3600 Chestnut Street, Philadelphia, PA 19104  
215-387-8000

### The Inn at Penn

3600 Sansom Street, Philadelphia, PA 19104  
215-222-0200

There is no room block or discounted rate available at these hotels and rooms are subject to availability.

## CANCELLATION POLICY

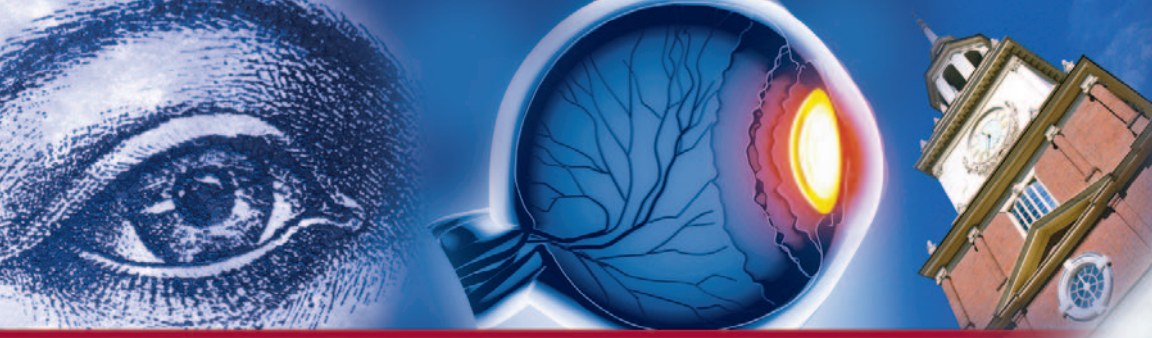
The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

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**SERVICES FOR THE DISABLED** If special arrangements are required for an individual with a disability to attend this meeting, please contact the Office of Continuing Medical and Interprofessional Education no later than May 4, 2026, at 215-898-6400.

**NONDISCRIMINATION STATEMENT** The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). [www.upenn.edu/affirm-action](http://www.upenn.edu/affirm-action).





**20TH ANNUAL DAVID M. KOZART  
MEMORIAL LECTURE**

***Update in the Management of  
Ocular Surface Tumors***

**Carol L. Karp, MD**

*Professor of Ophthalmology  
Richard K. Forster Chair in Ophthalmology  
University of Miami, Miller School of Medicine  
Miami, FL*



**12TH HONORED ALUMNI LECTURE  
AND 5TH ALAN M. LATIES, MD  
MEMORIAL LECTURESHP**

***Restoring Photoreceptor Function  
by Gene Therapies in Early-Onset,  
Severe Retinal Degenerations***

**Tomas S. Aleman, MD**

*Irene Heinz-Given and John LaPorte Research Professor  
Director of the Retinal Structure and Function Laboratory  
Perelman School of Medicine, University of Pennsylvania  
Co-Director Center for Hereditary Retinal Degenerations  
Scheie Eye Institute  
Penn Presbyterian Medical Center  
Philadelphia, PA*



**Course Director**

**Stephen E. Orlin, MD**

*Associate Professor of Ophthalmology*



**Course Co-Directors**

**Alexander J. Brucker, MD**

*Founder's Professor of Ophthalmology  
Chief, Retina and Vitreous Service  
Director, Retina and Vitreous Fellowship Program*

**Vatinee Y. Bunya, MD, MSCE**

*Harold G. Scheie Associate Professor of Ophthalmology*

**Joshua L. Dunaief, MD, PhD**

*Adele Niessen Professor of Ophthalmology  
Vice Chair for Research*



**Director, Scheie Eye Institute**

**Bennie H. Jeng, MD**

*William F. Norris and George E. de Schweinitz Professor of Ophthalmology  
Chair, Department of Ophthalmology*

# FACULTY

**William V. Anninger, MD**

**Christopher M. Anthony, DO**

**Stephen T. Armenti, MD, PhD**

**César A. Briceño, MD**

**Emily A. DeCarlo, MD**

**Shivam Gulhar, MD**

**Lucie Guo, MD, PhD**

**Ali Hamedani, MD, MHS**

**Kristin M. Hammersmith, MD**

**Fareeda Haroun, OD**

**Caroline B. Head, MD**

**William R. Katowitz, MD**

**Benjamin J. Kim, MD**

**Makayla M. McCoskey, MD**

**Sonul Mehta, MD**

**Phoebe L. Mellen, MD**

**Christina S. Moon, MD**

**Parveen Nagra, MD**

**Erin C. O'Neil, MD**

**Rithambara Ramachandran, MD**

**Karen E. Revere, MD**

**Almiqdad Saeed, MD**

**Caroline L. Sherman, MD**

**Visish Srinivasan, MD**

**Madhura Tamhankar, MD**

**Brian L. VanderBeek, MD, MPH, MSCE**

**Stephanie Wey, MD**

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## DISCLOSURES

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of products or devices within their presentations.





# AGENDA

Scheie Eye Institute  
Penn Medicine Presbyterian Medical Center  
51 N. 39th Street  
Philadelphia, PA 19104

## SATURDAY, MAY 16, 2026

- |                   |   |
|-------------------|---|
| 7:30 AM – 7:50 AM | <b>In-person Registration and Breakfast</b>                           |
| 7:45 AM – 7:50 AM | <b>Sign into the Virtual Platform (<i>Virtual Attendees Only</i>)</b> |
| 7:50 AM – 8:00 AM | <b>Welcome</b><br><i>Stephen E. Orlin, MD</i>                         |

### PEDIATRIC OPHTHALMOLOGY/OCULOPLASTICS

*Moderators: Sonul Mehta, MD and Karen E. Revere, MD*

- |                   |  |
|-------------------|--|
| 8:00 AM – 8:08 AM | <b>Advances in Pediatric Cataract and IOL's</b><br><i>William V. Anninger, MD</i>                                    |
| 8:08 AM – 8:16 AM | <b>Advances in the Microbiome and Pediatric Ophthalmology</b><br><i>Erin C. O'Neil, MD</i>                           |
| 8:16 AM – 8:22 AM | <b>Advances in Surgical Setting Options for Pediatric Oculoplastics</b><br><i>Karen E. Revere, MD</i>                |
| 8:22 AM – 8:30 AM | <b>Advances in Preventing Myopia Progression</b><br><i>Emily A. DeCarlo, MD</i>                                      |
| 8:30 AM – 8:38 AM | <b>Update on Thyroid Eye Disease Treatments</b><br><i>César A. Briceño, MD</i>                                       |
| 8:38 AM – 8:46 AM | <b>Advances in Cosmetic Surgery/Lasers</b><br><i>Sonul Mehta, MD</i>   |
| 8:46 AM – 8:54 AM | <b>Brow Lifting – Patient Selection and Surgical Techniques</b><br><i>Makayla M. McCoskey, MD</i>                    |
| 8:54 AM – 9:02 AM | <b>Optic Nerve Sheath Fenestration – Patient Selection and Surgical Techniques</b><br><i>William R. Katowitz, MD</i> |
| 9:02 AM – 9:12 AM | <b>Discussion</b>  |

### NEURO-OPHTHALMOLOGY

*Moderator: Ahmara Ross, MD*

- |                    |   |
|--------------------|---|
| 9:12 AM – 9:20 AM  | <b>The Diplopia of Thyroid Eye Disease</b><br><i>Madhura Tamhankar, MD</i>                                  |
| 9:20 AM – 9:28 AM  | <b>Bridging Brain and Eye: The Evolving Role of Venous Stenting in IIIH</b><br><i>Visish Srinivasan, MD</i> |
| 9:28 AM – 9:36 AM  | <b>Neuro-ophthalmic Complications of Cancer Immunotherapy</b><br><i>Ali Hamedani, MD, MHS</i>               |
| 9:36 AM – 9:45 AM  | <b>Discussion</b>   |
| 9:45 AM – 10:15 AM | <b>Break</b>  |

## GLAUCOMA/RETINA

Moderators: Alexander J. Brucker, MD and Eydie Miller-Ellis, MD

- 10:15 AM – 10:23 AM **What's New in MIGS? Latest Innovations in the Suprachoroidal Space**  
*Stephanie Wey, MD*
- 10:23 AM – 10:31 AM **Rethinking Glaucoma Risk Factors**  
*Rithu Ramachandran, MD*
- 10:31 AM – 10:39 AM **Glaucoma, Delivered: From Daily Drops to Direct-to-Target Therapy**  
*Shivam Gulhar, MD*
- 10:39 AM – 10:47 AM **Use of AI in Glaucoma**  
*Almiqdad Saeed, MD*
- 10:47 AM – 10:55 AM **The Use of Databases to Guide us in the Management of Ocular Disorders**  
*Brian L. VanderBeek, MD, MPH, MSCE*
- 10:55 AM – 11:03 AM **Retinal Imaging and its Potential use in the Management of the Dementia Patient**  
*Benjamin J. Kim, MD*
- 11:03 AM – 11:11 AM **Advances in the Management of our Dry Age-related Macular Degeneration Patients**  
*Phoebe L. Mellen, MD*
- 11:11 AM – 11:19 AM **Advances in the Treatment Inherited Retinal Degenerations**  
*Lucie Guo, MD, PhD*
- 11:19 AM – 11:30 AM **Discussion**

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11:35 AM – 12:15 PM **12TH HONORED ALUMNI LECTURE AND 5TH ALAN M. LATIES, MD MEMORIAL LECTURESHIP**  
**Introduction:** *Bennie Jeng, MD*  
**Restoring Photoreceptor Function by Gene Therapies in Early-Onset, Severe Retinal Degenerations**  
*Tomas S. Aleman, MD*

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12:15 PM – 1:15 PM **Lunch**

## CORNEA/CATARACT

Moderator: Vatinnee Y. Bunya, MD, MSCE

- 1:15 PM – 1:23 PM **Update on the Management of Herpes Zoster Ophthalmicus and the ZEDS Trial**  
*Matthew C. Santos, MD*
- 1:23 PM – 1:31 PM **Is Epithelial-on Corneal Cross-linking a Game Changer in the Treatment of Keratoconus?**  
*Kristin M. Hammersmith, MD*
- 1:31 PM – 1:39 PM **Where are we now with Endothelial Keratoplasty (DSAEK, DMEK, DSO)**  
*Stephen T. Armenti, MD, PhD*
- 1:39 PM – 1:47 PM **Cultured Endothelial Cell Injection for Corneal Endothelial Diseases: Will it Replace DSAEK, DMEK?**  
*Parveen Nagra, MD*
- 1:47 PM – 1:55 PM **Light Adjustable IOL's and Other New Developments in Cataract Surgery**  
*Christina S. Moon, MD*
- 1:55 PM – 2:03 PM **Advances in Contact Lens Technology**  
*Fareeda Haroun, OD*
- 2:03 PM – 2:11 PM **What's New in the Diagnosis and Management of Dry Eye Disease**  
*Vatinnee Y. Bunya, MD, MSCE*
- 2:11 PM – 2:20 PM **Discussion**



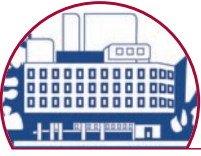
2:20 PM – 3:15 PM	<hr/> <b>20TH ANNUAL DAVID M. KOZART MEMORIAL LECTURE</b> <b>Introduction:</b> <i>Christina Moon, MD</i> <b>Update in the Management of Ocular Surface Tumors</b> <i>Carol L. Karp, MD</i> <hr/>
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3:15 PM – 3:45 PM	Break
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**MINI SYMPOSIUM: STOP BUGGING ME!**

*Moderator: Stephen E. Orlin, MD*

3:45 PM – 3:53 PM	<b>Did she get this from the Dolphins?</b> <i>Caroline L. Sherman, MD</i>
3:53 PM – 4:01 PM	<b>Double Trouble</b> <i>Christopher M. Anthony, DO</i>
4:01 PM – 4:09 PM	<b>Cornea</b> <i>TBD</i>
4:09 PM – 4:17 PM	<b>Plastics Mucormycosis – ATAEI</b> <i>TBD</i>
4:17 PM – 4:25 PM	<b>Peds West Nile Virus</b> <i>TBD</i>
4:25 PM – 4:33 PM	<b>The Gift that Keeps on Giving</b> <i>Caroline B. Head, MD</i>
4:33 PM – 4:41 PM	<b>Retina</b> <i>TBD</i>
4:41 PM – 4:49 PM	<b>Discussion</b>
4:49 PM	<b>Closing Remarks</b>
4:50 PM	<b>Adjourn</b>



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Questions? Email us at:

[penncme@pennmedicine.upenn.edu](mailto:penncme@pennmedicine.upenn.edu)

Please print or type

Name (First) \_\_\_\_\_ (Last) \_\_\_\_\_

Academic Degree \_\_\_\_\_

Medical Specialty \_\_\_\_\_

Affiliation (Hospital, Office, or Company) \_\_\_\_\_

Address ( ☐ Affiliation or ☐ Home) \_\_\_\_\_

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

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

☐ **In-person**

- ☐ Physician/Alumni
- ☐ Healthcare Professionals
- ☐ I will attend Dinner

☐ **Virtual**

- ☐ Physician/Alumni
- ☐ Healthcare Professionals

If you are unable to register online, please mail your registration form to:

Conference Manager  
Office of Continuing Medical & Interprofessional Education  
Academic Programs, Penn Medicine, JMEC, SPE, 6th floor  
3400 Civic Center Blvd, Bldg. 421, Philadelphia, PA 19104-5162

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