

Scheie Eye Institute

 Penn Medicine

# 152<sup>ND</sup> ANNIVERSARY MEETING/ 52<sup>ND</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 30, 2025**.

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

**Saturday, May 31, 2025**

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/scheieeye2025>



## 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 30**, and **Saturday, May 31, 2025**.

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 2025. 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 R.V. Paul Chan, MD, MSc, MBA, FACS, Chair, Department of Ophthalmology and Visual Sciences at the University of Illinois, delivering the 19th David M. Kozart Memorial Lecture; and Nicholas R. Mahoney, MD, Chief of the Oculoplastics Division at Johns Hopkins Medicine, delivering the 11th 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 30, 2025 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 *152nd Anniversary Meeting/52nd 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 *152nd Anniversary Meeting/52nd Anniversary Meeting of the Scheie Eye Institute* will be held Saturday, May 31, 2025 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 31, 2025**

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/scheieeye2025>.

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 March 14, 2025.

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@penntel.com](mailto:penncme@penntel.com).

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## ANNIVERSARY DINNER REGISTRATION

The Anniversary Dinner will be located at the Rittenhouse on Saturday, May 31, 2025, at 6:00 pm. The Banquet Dinner at the Rittenhouse is complimentary, but you must select the option to attend the dinner during the registration process.

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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 16, 2025, 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).



**19TH ANNUAL DAVID M. KOZART  
MEMORIAL LECTURE**

***Telemedicine and Artificial Intelligence  
in Ophthalmology: Hype or Hope?***

**R.V. Paul Chan, MD, MSc, MBA, FACS**

*John H. Panton, MD Professor  
Chair, Department of Ophthalmology and Visual Sciences  
Director, Pediatric Retina and ROP Services  
UIC Distinguished Professor  
Department of Ophthalmology and Visual Science  
University of Illinois College of Medicine  
Chicago, IL*



**11TH HONORED ALUMNI LECTURE  
AND 4TH ALAN M. LATIES, MD  
MEMORIAL LECTURESHIP**

***Neurosurgical Approaches in Orbital Pathology***

**Nicholas R. Mahoney, MD**

*Associate Professor of Ophthalmology  
Chief, Oculoplastics Division  
John Hopkins Medicine  
Baltimore, MD*



**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

**Javaneh Abbasian, MD**

**Sonul Mehta, MD**

**Victoria M. Addis, MD**

**Eydie Miller-Ellis, MD**

**Tomas S. Aleman, MD**

**Monte Mills, MD**

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

**Christina S. Moon, MD**

**Robert Avery, DO, MSCE**

**Parveen K. Nagra, MD**

**Nirali Bhatt, MD**

**Julius Oatts, MD**

**Gil Binenbaum, MD, MSCE**

**Rithambara Ramachandran, MD**

**César A. Briceño, MD**

**Karen E. Revere, MD**

**Sonny Caplash, MD**

**Almiqdad Saeed, MD**

**Amy E. Durand, MD**

**Matthew C. Santos, MD**

**Scott M. Goldstein, MD, FASOPRS**

**Drew H. Scoles, MD, PhD**

**William R. Katowitz, MD**

**Madhura Tamhankar, MD**

**Zane Khademi, MD**

**Paul J. Tapino, MD**

**Benjamin J. Kim, MD**

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

**Giacomina Massaro-Giordano, 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 31, 2025

- 7:30 AM – 7:50 AM **In-person Registration and Breakfast**
- 7:45 AM – 7:50 AM **Sign into the Virtual Platform (Virtual Attendees Only)**
- 7:50 AM – 8:00 AM **Welcome**  
*Stephen E. Orlin, MD*

### CORNEA/GLAUCOMA

Moderators: *Stephen E. Orlin, MD and Eydie Miller-Ellis, MD*

- 8:00 AM – 8:08 AM **Utilization of AI in Glaucoma Care**  
*Almiqdad Saeed, MD*
- 8:08 AM – 8:16 AM **Limitations of Current Imaging Modalities (OCT)**  
*Victoria M. Addis, MD*
- 8:16 AM – 8:24 AM **Challenges and Opportunities for Monitoring Glaucomatous Progression Using OCT**  
*Rithambara Ramachandran, MD*
- 8:24 AM – 8:32 AM **Posner-Schlossman Syndrome: A Current Approach**  
*Zane Khademi, MD*

### CORNEAL CONSIDERATIONS IN CATARACT SURGERY

Moderator: *Stephen E. Orlin, MD*

- 8:32 AM – 8:40 AM **Prepping the Ocular Surface for Cataract Surgery**  
*Giacomina Massaro-Giordano, MD*
- 8:40 AM – 8:48 AM **Not all SPK is Dry Eye Disease**  
*Christina S. Moon, MD*
- 8:48 AM – 8:56 AM **Cataract Surgery in Patients with Fuchs' Dystrophy**  
*Parveen K. Nagra, MD*
- 8:56 AM – 9:04 AM **Cataract Surgery after Refractive Surgery**  
*Stephen T. Armenti, MD, PhD*
- 9:04 AM – 9:12 AM **Approach to Cataract Surgery in Patients with Irregular Astigmatism**  
*Matthew C. Santos, MD*
- 9:12 AM – 9:20 AM **Discussion**

## NEURO-OPHTHALMOLOGY

Moderator: *Madhura Tamhankar, MD*

- 9:20 AM – 9:28 AM **Nationwide Analysis of Maternal and Neonatal Outcomes Associated with Idiopathic Intracranial Hypertension (IIH) in the US**  
*Amy E. Durand, MD*
- 9:28 AM – 9:36 AM **The Future of TED Therapeutics: Where are we?**  
*Madhura Tamhankar, MD*
- 9:36 AM – 9:44 AM **Demographic, Clinical and Imaging Characteristics of Newly Diagnosed Optic Pathway Gliomas Associated with NF1: Results from the International Multicenter NF1-OPG Natural History Study**  
*Robert Avery, DO, MSCE*
- 9:44 AM – 9:55 AM **Discussion**
- 9:55 AM – 10:30 AM **Break**

## PEDIATRIC OPHTHALMOLOGY/OCULOPLASTICS

Moderators: *Monte Mills, MD and Karen E. Revere, MD*

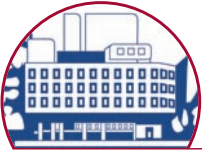
- 10:30 AM – 10:38 AM **Advances in Pediatric Orbital Surgery**  
*William R. Katowitz, MD*
- 10:38 AM – 10:46 AM **Advances in Pediatric Oculoplastic Surgery**  
*Karen E. Revere, MD*
- 10:46 AM – 10:54 AM **Laser Innovations for Pediatric Glaucoma**  
*Javaneh Abbasian, MD*
- 10:54 AM – 11:02 AM **Global Advances in Children's Vision**  
*Julius Oatts, MD*
- 11:02 AM – 11:10 AM **The Importance of Health Literacy in Addressing Eye Health and Eye Care Disparities**  
*César A. Briceño, MD*
- 11:10 AM – 11:18 AM **Health Disparities in Access to Care for Periocular Malignancies**  
*César A. Briceño, MD*
- 11:18 AM – 11:26 AM **Aesthetic Approaches to Periocular Reconstruction**  
*Sonul Mehta, MD*
- 11:26 AM – 11:34 AM **Management of Eyelid Tumors**  
*Scott M. Goldstein, MD*
- 11:34 AM – 11:45 AM **Discussion**
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- 11:45 AM – 12:15 PM **11TH HONORED ALUMNI LECTURE AND 4TH ALAN M. LATIES, MD MEMORIAL LECTURESHIP**  
**Neurosurgical Approaches in Orbital Pathology**  
*Nicholas R. Mahoney, MD*
- 
- 12:15 PM – 1:15 PM **Lunch**



## RETINA/PEDIATRIC RETINA

Moderator: Alexander J. Brucker, MD

- 1:15 PM – 1:23 PM **20-year Trends in Prevalence and Incidence of Diabetic Retinal Disease**  
*Brian L. VanderBeek, MD, MPH, MSCE*
- 1:23 PM – 1:31 PM **Restoration of Vision by Gene Augmentation in a Severe Neurodegeneration**  
*Tomas S. Aleman, MD*
- 1:31 PM – 1:39 PM **Retinal Imaging for Dementia: Recent Advances and Challenges**  
*Benjamin J. Kim, MD*
- 1:39 PM – 1:47 PM **Acute Anterior Uveitis with Hypopyons**  
*Nirali Bhatt, MD*
- 1:47 PM – 1:55 PM **Persistent Fetal Vascular Syndrome**  
*Drew H. Scoles, MD, PhD*
- 1:55 PM – 2:03 PM **Retinopathy of Prematurity (ROP) Treatment Choices: Types and Timing**  
*Gil Binenbaum, MD, MSCE*
- 2:03 PM – 2:11 PM **An Atypical Cause of Vision Loss**  
*Sonny Caplash, MD*
- 2:11 PM – 2:20 PM **Discussion**
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- 2:20 PM – 3:15 PM **19TH ANNUAL DAVID M. KOZART MEMORIAL LECTURE**  
**Telemedicine and Artificial Intelligence in Ophthalmology: Hype or Hope?**  
*R.V. Paul Chan, MD, MSc, MBA*
- 
- 3:15 PM – 3:45 PM **Break**
- 3:45 PM – 4:45 PM **Oculocutaneous Manifestations of Systemic Diseases: Clinical Case Presentations**  
*Moderator: Paul J. Tapino, MD*
- 4:45 PM **Adjourn**



# Scheie Eye Institute

 Penn Medicine

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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

**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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