

Scheie Eye Institute

 Penn Medicine

**VIRTUAL MEETING**

**147<sup>TH</sup> ANNIVERSARY MEETING**  
**DEPARTMENT OF OPHTHALMOLOGY**  
**49<sup>TH</sup> ANNIVERSARY SCHEIE EYE INSTITUTE**



A CME-ACCREDITED CONFERENCE

**Saturday, April 17, 2021**

9:45 AM – 4:40 PM EST

This conference will be  
**LIVE STREAMED**



**Penn Medicine**

Continuing Medical and  
Interprofessional Education



<https://upenn.cloud-cme.com/scheieeye2021>

Course Director  
Stephen E. Orlin, MD

Course Co-Directors  
Alexander J. Brucker, MD  
Vatinee Y. Bunya, MD



## MESSAGE FROM THE COURSE DIRECTOR

The Scheie Eye Institute at the University of Pennsylvania, Perelman School of Medicine is excited to bring you the 147th Anniversary Meeting in the form of a virtual experience on Saturday, April 17th from 9:45 AM – 4:40 PM.

This meeting will highlight clinical and research activities ongoing at Scheie with many fascinating clinical case studies that will be appealing to practitioners in all disciplines of ophthalmology. The meeting will have the opportunity for live and interactive discussion with the experienced faculty of presenters. There will be two Keynote addresses by Irving M. Raber, MD, who will deliver the 15th David M. Kozart Memorial Lecture, and Raymond S. Douglas, MD, PhD, who will be giving the 7th Honored Alumnus address. I look forward to “seeing” you on April 17, 2021.

Stephen E. Orlin, MD

## PROGRAM OVERVIEW & TARGET AUDIENCE

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

### Learning Objectives

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

- Identify and manage signs and symptoms of dry eye disease.
- Clarify new therapeutic options in the management of glaucoma.
- Review insights into the control of progression of diabetic retinopathy.
- Discuss new modalities and approaches to the management of thyroid eye disease.

### Hosting Organization

The *147th Anniversary Meeting* is hosted by the Scheie Eye Institute at the University of Pennsylvania, Perelman School of Medicine



## Accreditation



JOINTLY ACCREDITED PROVIDER™  
INTERPROFESSIONAL CONTINUING EDUCATION

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

Penn Medicine designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Certificates and Transcripts:** After the conference has concluded, all participants will receive a follow-up email with instructions and a link. 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.

## Disclosures

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Commercial Support*. 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 pharmaceutical products or devices within their presentations.

## Registration

There is no registration fee to attend the *147th Scheie Eye Anniversary Meeting*, however pre-registration is required and you must be signed into the virtual platform the day of the meeting in order to receive credit.

Registration includes live stream access to the conference and access to view the presentations (slides) online. All pre-registered attendees will receive a link and instructions to sign-in and join the virtual meeting by Thursday, April 15, 2021.

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

**How to Register Online:** visit: <https://upenn.cloud-cme.com/scheieeye2021>

If you do not already have a UPenn Cloud CME profile, you will need to create one by visiting: <https://upenn.cloud-cme.com> and clicking “Sign-in” and sign-in using your email address and then selecting the “Don’t have an account?” option. Please be sure you do not already have an existing UPenn Cloud CME account before creating a new profile. All Penn Medicine employees, faculty and staff must sign-in using your UPenn ID.

**Please note:** mailed registrations can take up to 5-10 business days before they are received. We are experiencing longer delays receiving mail due to the COVID-19 pandemic. We encourage all attendees to register online with a credit card.

All registrations will be confirmed by email as long as your registration is received no later than April 15, 2021.

## Join the Meeting Virtually

The *147th Scheie Eye Anniversary Meeting* will take place on Saturday, April 17, 2021 on Bluejeans Events. This meeting will follow the agenda in real-time (EST) and you must be signed into the virtual platform in order to receive credit for attending.

*Saturday, April 17, 2021 at 9:45 am, select ONE of the following options to join:*

- **Web Browser from your PC:**  
<https://primetime.bluejeans.com/a2m/live-event/xbyzucwk>
- **Join from Your Mobile Device:**
  - a) Open this link: <https://primetime.bluejeans.com/a2m/live-event/xbyzucwk>
  - b) Download the app if you don't have it already.
  - c) Enter event ID: xbyzucwk
- **Phone:**

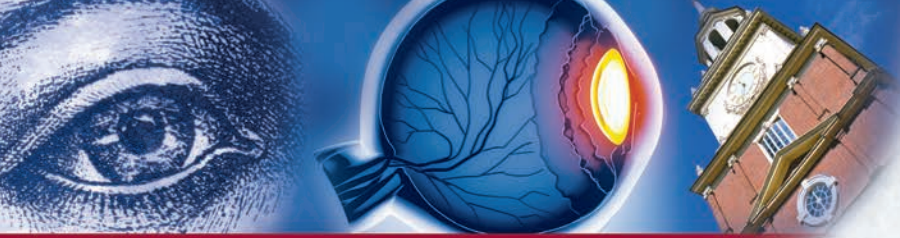
Dial one of the following numbers, enter the participant PIN followed by # to confirm:

+1 (415) 466-7000 (US)  
PIN 7230412 #  
OR  
+1 (760) 699-0393 (US)  
PIN 7186470292 #
- **Joining from outside the US?**  
<https://www.bluejeans.com/numbers/primetime-attendees/event?id=xbyzucwk>

## 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 is not responsible for any related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

**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)



## PRESENTING FACULTY

### 15TH ANNUAL DAVID M. KOZART MEMORIAL LECTURE

#### *Evolution of Corneal Transplantation During My Career*

**Irving M. Raber, MD**

*Assistant Clinical Professor of Ophthalmology  
Attending Surgeon, Cornea Service  
Wills Eye Institute  
Thomas Jefferson University  
Philadelphia, PA*



### 7TH ANNUAL HONORED ALUMNI LECTURE

#### *New Treatment in the Era of Thyroid Eye Disease*

**Raymond S. Douglas, MD, PhD**

*Clinical Professor of Ophthalmology  
Jules Stein Eye Institute  
UCLA School of Medicine  
Los Angeles, CA*



#### **Course Director**

**Stephen E. Orlin, MD**

*Associate Professor of Ophthalmology*

#### **Course Co-Directors**

**Alexander J. Brucker, MD**

*Professor of Ophthalmology*

**Vatinee Y. Bunya, MD**

*Assistant Professor of Ophthalmology*

#### **Director, Scheie Eye Institute**

**Joan M. O'Brien, MD**

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

**Tomas Andersen, MD, MPH**

**Sonul Mehta, MD**

**Moe H. Aung, MD, PhD**

**Charles G. Miller, MD, PhD**

**Robert A. Avery, DO, MSCE**

**Eydie Miller-Ellis, MD**

**Gil Binenbaum, MD, MSCE**

**Jennifer B. Nadelmann, MD**

**César A Briceño, MD**

**Joan M. O'Brien, MD**

**Alexander J. Brucker, MD**

**Stephen E. Orlin, MD**

**Vatinee Y. Bunya, MD**

**Gillian R. Paton, MD**

**Frank Z. Chin, MD**

**Vivian L. Qin, MD**

**Daniel J. Choi, MD**

**Irving M. Raber, MD**

**Jason Q. Core, BS**

**Meera S. Ramakrishnan, MD**

**Qi N. Cui, MD, PhD**

**Julia E. Reid, MD**

**Shelly I. Cutler, OD**

**Ahmara G. Ross, MD, PhD**

**Raymond S. Douglas, MD, PhD**

**Michael E. Sulewski, MD**

**Cammille C. Go, BS**

**Madhura A. Tamhankar, MD**

**Anne K. Jensen, MD**

**Zujaja Taqueer, MD, DPhil**

**Reas S. Khan, PhD**

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

**Priyanka Kumar, MD**

**Lana D. Verkuil, MD**

**Tianyu Liu, MD**

**Tina Xia, MD**

**Albert M. Maguire, MD**

**Kimberly Yu, BA**

**Samantha L. Marek, MD**

**Mina Massaro-Giordano, MD**



VIRTUAL MEETING

# PROGRAM

Saturday, April 17, 2021

9:45 AM – 9:55 AM

## Bluejeans Sign-in

Be sure to register at <https://upenn.cloud-cme.com> if you would like CME credit for attending this activity

9:55 AM – 10:00 AM

## Welcome Scheie Virtual

Joan M. O'Brien, MD

10:00 AM – 11:00 AM

## GLAUCOMA/PEDIATRICS

Moderators: Eydie Miller-Ellis, MD and Gil Binenbaum, MD, MSCE

10:00 AM – 10:08 AM

## Going Beyond IOP Lowering: GLP1R Agonists Hold a Promise in Glaucoma Neuroprotection

Qi N. Cui, MD, PhD

10:08 AM – 10:16 AM

## Between a ROCK and a Hard Place

Meera S. Ramakrishnan, MD

10:16 AM – 10:24 AM

## Drusen: Much About Nothing?

Ahmara G. Ross, MD, PhD

10:24 AM – 10:30 AM

## Dance Training to Improve Medical Student Ophthalmologic Surgical Skills

Anne K. Jensen, MD

10:30 AM – 10:38 AM

## Retrospective Review of the use of Autologous Serum Tears in Pediatric Ocular Surface Disease

Priyanka Kumar, MD

10:38 AM – 10:46 AM

## Artificial Intelligence for Pediatric Ophthalmology

Julia E. Reid, MD

10:46 AM – 11:00 AM

## Panel Discussion and Q&A

11:00 AM – 12:00 PM

## NEURO/PLASTICS

Moderators: Madhura A. Tambankar, MD and Sonul Mehta, MD

11:00 AM – 11:08 AM

## The Great Masquerade

Madhura A. Tambankar, MD

11:08 AM – 11:16 AM

## Repetitive Traumatic Head Impacts Induce RGC and Vision Loss in a Mouse Model of Traumatic Optic Neuropathy

Reas S. Khan, PhD

11:16 AM – 11:24 AM

## Optimal Flicker-induced Optic Nerve Head Blood Flow Depends on Stimulus Type and Duration

Robert A. Avery, DO, MSCE

11:24 AM – 11:32 AM

## Retrospective Study of Association Between Estrogen-containing Therapies and Incidence of Chalazia and Dry Eyes

Tianyu Liu, MD

11:32 AM – 11:40 AM

## Clinicopathologic Characteristics and Prognostic Factors Impacting Survival in Melanoma of the Eyelid: A Population-based Analysis

Cammille C. Go, BS

11:40 AM – 11:48 AM

## Asymmetric Proptosis in a Patient With Longstanding Thyroid Eye Disease

Vivian L. Qin, MD

11:48 AM – 12:00 PM

## Panel Discussion and Q&A

12:00 PM – 12:48 PM

## 7TH HONORED ALUMNI LECTURE

### New Treatment in the Era of Thyroid Eye Disease

Raymond S. Douglas, MD, PhD

12:48 PM – 2:05 PM

## OCULAR MANIFESTATIONS OF SYSTEMIC THERAPIES

Moderator: Stephen E. Orlin, MD

12:48 PM – 12:56 PM

## From Migraines to Eye Pain

Frank Z. Chin, MD

12:56 PM – 1:04 PM

## X Marks the Spot

Gillian R. Paton, MD

1:04 PM – 1:12 PM

## I can see my Palpitations!

Samantha L. Marek, MD

1:12 PM – 1:20 PM

## Friendly Fire on Vision From an Adjunctive Therapy for Skull Based Chordoma

Moe H. Aung, MD, PhD

1:20 PM – 1:28 PM

## Dupix-ain't Good for the Eyes

Daniel J. Choi, MD

1:28 PM – 1:36 PM

## I Can't see – I Can't pee

Tina Xia, MD

1:36 PM – 1:44 PM

## "Lachrymosa"

César A Briceño, MD

1:44 PM – 1:53 PM

## Bulls Eye, in the Eyes of the...

Tomas Andersen, MD, MPH

1:53 PM – 2:05 PM

## Panel Discussion and Q&A

2:05 PM – 2:53 PM

## 15TH ANNUAL DAVID M. KOZART MEMORIAL LECTURE

### Evolution of Corneal Transplantation During My Career

Irving M. Raber, MD

2:53 PM – 3:35 PM

## CORNEA

Moderator: Michael E. Sulewski, MD

2:53 PM – 3:01 PM

## Introduction to the EyePrint™ Prosthetic

Shelley L. Cutler, OD

3:01 PM – 3:09 PM

## A 12-week Parallel Group, Randomized, Placebo Controlled Double-masked, Multicenter Study to Evaluate Efficacy and Safety of 2 Concentrations of SAF312 Eye Drops in the Treatment of Postoperative Chronic Ocular Surface Pain (COSP) following PRK or LASIK Surgery

Mina Massaro-Giordano, MD

3:09 PM – 3:17 PM

## Systemic Conditions Associated With Severity of dry eye Signs and Symptoms in the Dry Eye Assessment and Management (DREAM) Study

Kimberly Yu, BA

3:17 PM – 3:25 PM

## The Uninvited Guest

Lana D. Verkuil, MD

3:25 PM – 3:35 PM

## Panel Discussion and Q&A

3:35 PM – 4:38 PM

## RETINA

Moderator: Alexander J. Brucker, MD

3:35 PM – 3:43 PM

## Pentosan Maculopathy and how it is Being Studied

Charles G. Miller, MD, PhD

3:43 PM – 3:51 PM

## Acute Vision Loss in a Patient With Ulcerative Colitis

Jennifer B. Nadelmann, MD

3:51 PM – 3:59 PM

## Effects of COVID-19 on the Retina

Zujaja Taqeer, MD, DPhil

3:59 PM – 4:07 PM

## Developing a Novel Outcome Measure for Clinical Trials

Albert M. Maguire, MD

4:07 PM – 4:15 PM

## Can we Reduce the Progression of Diabetic Retinopathy Using Oral Medication?

Brian L. VanderBeek, MD, MPH, MSCE

4:15 PM – 4:23 PM

## Persistent Subretinal Fluid in the Comparison of Age-Related Macular Degeneration Treatments Trial (CATT)

Jason Q. Core, BS

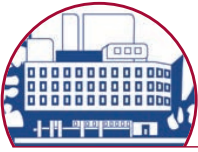
4:23 PM – 4:38 PM

## Panel Discussion and Q&A

4:38 PM – 4:40 PM

## Closing Remarks

Scott M. Goldstein, MD, FASOPRS  
President, Scheie Alumni Association



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Questions? Email us at:

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

Please print or type

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Name (First)

(Last)

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Academic Degree

---

Medical Specialty

---

Affiliation (Hospital, Office, or Company)

---

Address (  Affiliation or  Home)

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City

State

Zip

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Phone

Fax

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E-mail