



39TH ANNUAL CULLEN COURSE

Clinical Advances in Ophthalmology

February 21-22, 2025

HYATT REGENCY HOUSTON/GALLERIA
2626 Sage Road ♦ Houston, TX 77056

This activity is jointly provided by Medical Education Resources
and the Cullen Eye Institute, Baylor College of Medicine.

Baylor
College of
Medicine

CULLEN EYE
INSTITUTE

Visit cvent.me/xnObrg to register online or for more information

ACTIVITY DIRECTOR | *Mitchell Weikert, MD, MS*

DAVID PATON MEDAL LECTURER | *Aaron Lee, MD, MCSI*

Professor of Ophthalmology, University of Washington
Dan and Irene Hunter Endowed Professor, University of Washington

JAMES & BETTY KEY LECTURER | *John Ng, MD, FACS*

Professor of Ophthalmology, Oregon Health and Science University
Head, Division of Oculofacial Plastic, Orbital, and Reconstructive Surgery

ETHICS LECTURERS | *Allison Chen, MD & Mitchell Weikert, MD, MS*

Cullen Eye Institute, Baylor College of Medicine

PLANNING COMMITTEE

Masih Ahmed, MD | Peter Chang, MD | Allison Chen, MD
Kimberly Yen, MD | Cristy Ku, MD | Michael Yen, MD

BAYLOR COLLEGE OF MEDICINE COURSE FACULTY

Masih Ahmed, MD

Assistant Professor of Ophthalmology

Richard Allen, MD, PhD

Professor of Ophthalmology

Alejandro Arboleda, MD

Assistant Professor of Ophthalmology

Iyza Baig, MD

Assistant Professor of Ophthalmology

Lauren Blieden, MD

Professor of Ophthalmology

Adam Cantor, MD

Assistant Professor of Ophthalmology

John Chancellor, MD

Assistant Professor of Ophthalmology

Peter Chang, MD

Professor of Ophthalmology

Allison Chen, MD

Assistant Professor of Ophthalmology

Madhuri Chilikapati, MD

Associate Professor of Ophthalmology

Yvonne Chu, MD, MBA

Professor of Ophthalmology

Jara Crear, MD

Assistant Professor of Ophthalmology

Jaafar El Annan, MD

Associate Professor of Ophthalmology

Mariana Flores, MD

Assistant Professor of Ophthalmology

Rod Foroozan, MD

Professor of Ophthalmology

Benjamin Frankfort, MD, PhD

Professor of Ophthalmology
Clifton R. McMichael Chair

Hua Gao, MD, PhD

Professor of Ophthalmology

Dan Gombos, MD

Professor & Chief of Ophthalmology
MD Anderson Cancer Center

Ronald Gross, MD

Professor of Ophthalmology

M. Bowes Hamill, MD

Professor of Ophthalmology

Honey Herce, MD

Associate Professor of Ophthalmology

Mohamed Hussein, MD

Associate Professor of Ophthalmology

Sumitra Khandelwal, MD

Professor of Ophthalmology

Douglas Koch MD

Professor of Ophthalmology
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Cristy Ku, MD

Assistant Professor of Ophthalmology

Alice Matoba, MD

Associate Professor of Ophthalmology

Roma Patel, MD, MBA

Associate Professor of Ophthalmology

Stephen Pflugfelder, MD

Professor of Ophthalmology
James & Margaret Elkins Chair

Tahira Scholle, MD

Assistant Professor of Ophthalmology

Debra Shetlar, MD

Associate Professor of Ophthalmology

Shonar Singh, MD

Assistant Professor of Ophthalmology

J. Timothy Stout, MD, PhD, MBA

Sid W. Richardson Professor of
Ophthalmology
Margaret Root Brown Chair

Irene Tung, MD

Assistant Professor of Ophthalmology

George Villatoro, MD

Instructor of Ophthalmology

Mitchell Weikert, MD, MS

Professor of Ophthalmology

Christina Weng, MD, MBA

Professor of Ophthalmology

Katherine Williams, MD

Assistant Professor of Ophthalmology

Emily Witsberger, MD

Assistant Professor of Ophthalmology

Kimberly Yen, MD

Professor of Ophthalmology

Michael Yen, MD

Professor of Ophthalmology
Sarah Campbell Blaffer Chair

PROGRAM OVERVIEW

This program is designed to update medical clinicians regarding recent ophthalmology research and clinical outcomes in the basic and clinical sciences, therapeutics, technology and surgery. The purpose of this course is to update practicing ophthalmologists on the latest, clinically relevant advances in ophthalmology and to provide useful, evidence-based information on the diagnosis and treatment of ophthalmic disorders.

TARGET AUDIENCE AND EDUCATIONAL OBJECTIVES

This course is designed for practicing ophthalmologists as well as those in training. At the conclusion of the activity, participants should be able to:

- Describe the different web-based platforms available for the integration of AI into formula selection and IOL calculation and recognize the proper situations in which these technologies can be used.
- Describe strategies for managing complex cataract surgeries and associated complications, such as posterior capsular rupture, iris prolapse, zonulopathy, wound burn, and Descemet detachment.
- Identify narrow angle patients using gonioscopy and define primary angle closure suspects, primary angle closure, and primary angle closure glaucoma. Recognize patients that would be appropriate for clear lens extraction or early cataract extraction vs. iridotomy.
- Describe the different approaches that can be used to identify and treat neurotrophic keratopathy, including the latest technologies (PRGF, insulin, others).
- Describe the different types of tumors that commonly affect the eyelids/orbit and identify the potential benefits and limitations of new treatment methods for orbital and eyelid tumors.
- Describe the pathophysiologic pathways being targeted for treatment of geographic atrophy (GA) and identify the potential benefits and limitations of new treatments for GA.

EDUCATIONAL METHODS

Lectures | Case Presentations | Syllabus | Question and Answer Sessions

EVALUATION

Evaluation by questionnaire will address program content, presentation, and possible bias.

ACCREDITATION | CREDIT DESIGNATION

Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by Medical Education Resources (MER) and Baylor College of Medicine, Cullen Eye Institute. MER 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.



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION



Physician Credit

Medical Education Resources designates this live activity for a maximum of [15.5 AMA PRA Category 1 Credits™](#). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABO MOC Recognition Statement

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to satisfy the Self-Assessment requirements for the American Board of Ophthalmology's Maintenance of Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting MOC credit.

Self-Assessment CME

This activity meets the Self-Assessment CME requirements defined by the American Board of Ophthalmology (ABO). Please be advised that the ABO is not an accrediting body for purposes of any CME program. The ABO does not sponsor this or any outside activity, and the ABO does not endorse any particular CME activity. Complete information regarding the ABO Self-Assessment CME Maintenance of Certification requirements is available at: <http://abop.org/maintain-certification/learning-self-assessment-activities>.

Disclosure of Conflicts of Interest

Medical Education Resources ensures balance, independence, objectivity, and scientific rigor in all our educational activities. In accordance with this policy, MER identifies all financial relationships with its instructors, content managers, and other individuals who are in a position to control the content of an activity. Reported financial relationships are mitigated by MER to ensure that all scientific research referred to, reported, or used in a CE activity conforms to the generally accepted standards of experimental design, data collection, and analysis. MER is committed to providing learners with high-quality CE activities that promote improvements or quality in health care and not the business interest of an ineligible company.

AGENDA

FRIDAY, FEBRUARY 21, 2025

7:00 am Breakfast / Exhibits

8:00 am Welcome & ARS Questions

SESSION 1: PEDIATRIC OPHTHALMOLOGY

MODERATORS | Madhuri Chilakapati, MD | Kimberly Yen, MD

8:15 am A Day in the Life of a Pediatric Ophthalmologist: It's All Fun & Games

Madhuri Chilakapati, MD | Kimberly Yen, MD

8:24 am Baby Shark and Cocomelon: Music and Melody in Our Exams

Adam Cantor, MD

8:33 am Peekaboo: Patches and Glasses

Honey Herce, MD

8:42 am Head, Shoulders, Knees, and Toes: Ophthalmic Side Effects of Systemic Medications

Irene Tung, MD

8:51 am What's in My Treasure Chest? A Guided Algorithm for Vernal Conjunctivitis

Emily Witsberger, MD

9:00 am Showing up in Costume: Ophthalmic Manifestations of Systemic Disease

Mohamed Hussein, MD

9:09 am Sticking to the Basics: A Closer Look at Anisocoria

Shonar Singh, MD

9:18 am Put on Those Safety Glasses: Common Pediatric Eye Injuries

Jara Crear, MD

9:27 am Double Trouble: Strabismus After Cataract Surgery

Mariana Flores, MD

9:36 am Whack a Mole: A Closer Look at Pigmented Conjunctival Lesions

Dan Gombos, MD

9:45 am Audience Questions

10:00 am Health Break / Exhibits

SESSION 2: GLAUCOMA

MODERATOR | Peter Chang, MD

10:30 am IOP Drama: When the Highs and Lows Don't Tell the Whole Story

Ronald Gross,, MD

10:42 am Anger Management for Angle Management

Lauren Blieden, MD

10:54 am Bumps and Bruises: The Rollercoaster of IOP after Trauma

Roma Patel,, MD

11:06 am Vessels Gone Wild: The Neovascular Glaucoma Saga

Yvonne Chu, MD

11:18 am Scandalous Leaks and Wardrobe Malfunctions: Bleb Leaks and Tube Erosions

Peter Chang,, MD

11:30 am Chasing Shadows: The Enigma of Worsening Glaucoma with Good IOP

Benjamin Frankfort, MD, PhD

11:42 am Audience Questions

12:00 pm Lunch / Exhibits

AGENDA

FRIDAY, FEBRUARY 21, 2025

KEY LECTURE

1:00 PM **Contemporary Management of Facial Paralysis**
John Ng, MD

SESSION 3: ORBIT & OCULOPLASTIC SURGERY

MODERATOR | Michael Yen, MD

1:50 pm **Dermoid Cysts of the Orbit: Recommendations for Imaging and Surgery**
Richard Allen, MD, PhD

1:58 pm **Update on Orbital and Periocular Lymphoid Lesions**
Debra Shetlar, MD

2:06 pm **Tips and Tricks for Your Next Enucleation**
Dan Gombos, MD

2:14 pm **Diagnosis and Management of Epiphora**
Katherine Williams, MD

2:22 pm **Corneal Neurotization: Where Are We Now?**
Michael Yen, MD

2:30 pm **Audience Questions**

2:40 pm **Health Break / Exhibits**

SESSION 4: NEURO-OPHTHALMOLOGY & OCULOPLASTIC SURGERY

MODERATOR | Michael Yen, MD

3:00 pm **Giant Cell Arteritis: Clinical Features**
Rod Foroozan, MD

3:08 pm **Challenges in the Treatment of Anophthalmic Socket Contraction**
Richard Allen, MD, PhD

3:16 pm **Update on Treatments for Eyelid Malignancies**
Debra Shetlar, MD

3:24 pm **The External Lower Eyelid Blepharoplasty**
Michael Yen, MD

3:32 pm **Giant Cell Arteritis: Update on Diagnostic & Treatment Considerations**
Rod Foroozan, MD

3:40 pm **Beware Blepharitis: Warning Signs for Comprehensive Ophthalmologists**
Katherine Williams, MD

3:48 pm **Tips for Cosmetic Upper Eyelid Blepharoplasty**
Michael Yen, MD

3:56 pm **Challenging Cases in Oculoplastic Surgery and Neuro-Ophthalmology**
George Villatoro, MD

4:20 pm **Audience Questions**

4:30 pm **ARS Questions**

4:40 pm **RECEPTION**

*Avoid the valet line! Engage with faculty, friends, & other attendees!!
Please join us for some food & drink as we unwind after a productive day of learning.*

AGENDA

SATURDAY, FEBRUARY 22, 2025

7:00 am Breakfast / Exhibits

8:00 am Welcome & ARS Questions

SESSION 6: ANTERIOR SEGMENT - CORNEA & EXTERNAL DISEASE

MODERATOR | Allison Chen, MD

8:10 am Neurotrophic Keratopathy: What Am I Doing in 2025?

Stephen Pflugfelder, MD

8:18 am From Cloudy to Clear: Navigating Surgical Options for Congenital Corneal Opacities

Emily Witsberger, MD

8:26 am Iris Cysts and Other Lesions: To Be or Not To Be (Worried)?

M. Bowes Hamill, MD

8:34 am Microbial Keratitis and the Role of PDT

Alejandro Arboleda, MD

8:42 am Indications and Surgical Pearls for Manual DALK

Allison Chen, MD

8:50 am Corneal Lumps & Bumps: When to Do What

Sumitra Khandelwal, MD

8:58 am Anterior Segment OCT as a Tool in Cornea & Conjunctival Disease

Masih Ahmed, MD

9:06 am Corneal Conference 2025: Please Help Us Out!

Mitchell Weikert, MD

9:25 am Audience Questions

SESSION 5: CORNEA & EXTERNAL DISEASE

MODERATOR | Alice Matoba, MD

9:35am The Role of Suppressive Dosing of Valacyclovir in the Management of Herpes Zoster Ophthalmicus: Results of the Zoster Eye Disease Study (ZEDS)

Alice Matoba, MD

9:45 am Multiple Drug Resistant Organisms in Ophthalmology

Alice Matoba, MD

9:55 am Audience Questions

10:00 am **Health Break / Exhibits**

SESSION 7: ANTERIOR SEGMENT - CATARACT & REFRACTIVE SURGERY

MODERATOR | Masih Ahmed, MD

10:30 am Wow! The View from Up Here is Terrible!

Masih Ahmed, MD

10:37 am Breaking News: PC Rupture Takes Center Stage

Iyza Baig, MD

10:44 am AI in Eye Surgery: Because Who Needs Human Error?

Douglas Koch, MD

10:51 am Zonulopathy: The Eye's Version of "It's Not You, It's Me"

M. Bowes Hamill, MD

10:58 am Hot Mess: Navigating Wound Burn and Descemet's Drama

Mitchell Weikert, MD

11:05 am Stitch Happens: Managing Complications of Intrasccleral Haptic Fixation

Allison Chen MD

AGENDA

SATURDAY, FEBRUARY 22, 2025

- 11:12 am **Eye Spy with My Dry Eye: Managing Post-Op Dry Eye**
Stephen Pflugfelder, MD
- 11:19 am **Prolapse Palooza: Iris Prolapse and Other Iris Complications**
Sumitra Khandelwal, MD
- 11:26 am **Faculty Feud! Challenges in Cataract and Refractive Surgery**
Team 1 - Iyza Baig, MD | M. Bowes Hamill, MD | Sumitra Khandlwall, MD | Emily Witsberger, MD
Team 2 - Alejandro Arboleda, MD | Allison Chen, MD | Douglas Koch, MD | Stephen Pflugfelder, MD
- 12:10 pm **Audience Questions**
- 12:20 pm **Lunch / Exhibits**

PATON MEDAL LECTURE

- 1:10 pm **Deep Learning Applications in Ophthalmology**
Aaron Lee, MD

ETHICS LECTURE

- 1:50 pm **Ethical Implications of Artificial Intelligence in Ophthalmology**
Mitchell Weikert, MD | Allison Chen, MD
- 2:40 pm **Health Break / Exhibits**

SESSION 7: RETINA

MODERATOR | Cristy Ku, MD

- 3:00 pm **Four New Things in Retinal Imaging**
J. Timothy Stout, MD, PhD, MBA
- 3:09 pm **Update on Endophthalmitis**
Tahira Scholle, MD
- 3:18 pm **CME in Retinitis Pigmentosa**
Cristy Ku, MD
- 3:27 pm **OCT Angiography for Retinal Disorders**
Hua Gao, MD, PhD
- 3:36 pm **Dry AMD and Geographic Atrophy: Hot Takes for 2025**
John Chancellor, MD
- 3:45 pm **The Pachychoroid Spectrum**
Jaafar El Annan, MD
- 3:54 pm **Myopia and Its Retinal Complications**
Christina Weng, MD
- Controversies in Retina: Pro/Con Debates**
- 4:03 pm **Anti-VEGF Gene Therapy - Will It Work or Not?**
J. Timothy Stout, MD, PhD | Christina Weng, MD, MBA
- 4:15 pm **Complement Inhibitors for Geographic Atrophy - The Future or a Waste of Time?**
John Chancellor, MD | Cristy Ku, MD
- 4:27 pm **Prophylactic Laser for Lattice Degeneration? Necessary or Not?**
Tahira Scholle, MD | Hua Gao, MD, PhD
- 4:40 pm **Audience Questions**
- 4:50 pm **ARS Questions**
- 5:00 pm **Adjourn**

DAVID PATON MEDAL LECTURERS

- 2024 J. Bradley Randleman, MD
Corneal Biomechanics: The Next (R)Evolution
- 2023 Douglas Rhee, MD
Conquering Intraocular Pressure: Medical, Laser, Surgical, and Molecular Approaches to Trabecular Meshwork
- 2022 Christopher Rapuano, MD
Office and Minor Surgery Procedures for Ocular Surface Disease - Especially Prior to Cataract Surgery
- 2020 Michael Chiang, MD
Information Technology and Big Data for Ophthalmology: Promises, Challenges, Solutions
- 2019 John Gottsch, MD
Corneal Transplantation: Where We Have Been, Where We Are, and Where We Might Be Going
- 2018 Paul Lee, MD
Opportunities for Ophthalmologists with the Growing Global Demand for Eye Care
- 2017 David Paton, MD
The Throes, Thralls, and Thrills of a Medical Idea: How ORBIS Got Bred and Born
- 2016 George Cioffi, MD
Glaucoma Population Management: How Will We Handle the Increasing Number of Patients
- 2015 Timothy Olsen, MD
Age-Related Macular Degeneration
- 2014 Warren Hill, MD
The Pre-Operative Measurement of Corneal Astigmatism: Strategies for Success
- 2013 Edward Holland, MD
Advances in the Management of Severe Ocular Surface Disease
- 2012 Dimitri Azar, MD
Customized Corneal Laser Refractive Surgery: Optical & Biomechanical Limitations and Therapeutic Applications
- 2011 David Chang, MD
The Greatest Challenge in Cataract Surgery: Needed - A \$5, 15-minute Cure for Blindness
- 2010 David Parke II, MD
Is Ophthalmology Imperiled?
- 2009 R. Doyle Stulting, MD
Predicting and Treating Ectatic Disorders of the Cornea
- 2008 Steven Schallhorn, MD
Quality of Vision After LASIK
- 2007 Roger Steinert, MD
Femtosecond Laser Penetrating Keratoplasty
- 2006 Ronald Smith, MD
The Ocular Surface and the Epithelial Cell: Target for Disease and Target for Therapy
- 2005 Stephen Lane, MD
Back to the Future and Back Again: Suture Fixation of Posterior Chamber IOLs
- 2004 Peter McDonnell, MD
Infection Following Cataract and Refractive Surgery: New Insights
- 2003 I. Howard Fine, MD
New Perspectives in Cataract and Refractive Surgery
- 2002 Morton Goldberg, MD
The Blinding Mechanisms of Incontinentia Pigmenti
- 2001 George Waring III, MD
Bioptics, Trioptics - Confluence of Refractive Surgical Techniques
- 2000 Richard Lindstrom, MD
Surgical Correction of Myopia

JAMES & BETTY KEY LECTURERS

- 2024 Nicole Fram, MD
Pseudophakic Dysphotopsias: Investigation & Management
- 2023 Seenu Hariprasad, MD
Diabetic Eye Disease 2023
- 2022 Thomas Samuelson, MD
The Role of the Native Lens in the Pathogenesis and Management of Glaucoma
- 2020 Peter Campochiaro, MD
Mechanism of Cone Cell Death in Ophthalmology: Promises, Retinitis Pigmentosa
- 2019 Julia Haller, MD
Not in Vein: The Evolution of Therapy for Retinal Vein Occlusive Disease
- 2018 David Huang, MD
OCT Angiography



FEES, REGISTRATION, AND CONFIRMATION INFORMATION

Refer to the registration form for the fee schedule. Your registration will not be processed until payment is received. Your registration will be confirmed. If you have not received confirmation at least five business days before the activity start date, contact the Department of Ophthalmology immediately.

If you plan to register on-site, contact the Department of Ophthalmology at least 24 hours in advance to confirm activity status and space availability. The Department of Ophthalmology reserves the right to limit the number of participants in an activity and will not be responsible for any expenses incurred by an individual whose registration is not confirmed and for whom space is not available.

Visit event.me/xnObrg to register.

CANCELLATION/REFUND POLICY

Requests for registration refunds must be in writing and received by the Department of Ophthalmology at least 10 business days before the activity begins. The date the request is received by the Department of Ophthalmology will be considered the cancellation date. Requests received after the refund deadline will not be processed. Cancellations are subject to a \$50 administrative fee deducted from the paid registration fee to cover guarantees and other expenses. Requests should be emailed to robinc@bcm.edu or faxed to (713) 798-3027.

The Department of Ophthalmology reserves the right to cancel activities, not less than 10 business days before the scheduled date, if extenuating circumstances make it necessary. Registrants will be notified at the contact number indicated on the registration form, and again in writing. If an activity is cancelled, the Department of Ophthalmology's liability is limited to the paid registration fee. Note: If the registration payment was made by check, a Social Security number is required to process the refund.

CONFERENCE LOCATION & ACCOMMODATIONS

Hyatt Regency Houston/Galleria
2626 Sage Road, Houston, TX 77056
(832) 803-1234

Accommodations should be arranged directly with Hyatt Regency Houston/Galleria. Please identify yourself with the **BCM 39th Annual Cullen Course** when making reservations in order to benefit from the special group rate of \$149 single/double. Rooms have been reserved at the special rate on a space available basis. The deadline to receive this rate is **February 9, 2025** unless the room block has already been filled.

Reserve your room early: <https://www.hyatt.com/en-US/group-booking/HOURG/G-BY25>

SYLLABUS

An email with the link will be sent out the week of the conference to all who have preregistered to access the online syllabus. Hard copy and USB syllabi are NOT available.

ATTIRE

Attire for the conference is business casual. Since meeting room temperatures and personal comfort levels vary, it is recommended that you bring a sweater or jacket.

PARKING

Complimentary valet parking.

FURTHER INFORMATION

Baylor College of Medicine
Department of Ophthalmology
1977 Butler Blvd., E2.201
Houston, TX 77030
Email: robinc@bcm.edu

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Clinical Advances in Ophthalmology

February 21-22, 2025

HYATT REGENCY HOUSTON/GALLERIA

REGISTRATION

Registration Fees

Physician	\$695	Optometrist	\$695
Physician (one day).....	\$595	Retired Physician	\$495
BOAA Member.....	\$595	Nurse.....	\$395
BOAA Member (one day)	\$495	Other Healthcare Professional	\$395

Three Ways to Register and Pay:

U.S. Mail: Complete registration form and include your check/money order (address below).

Fax: Complete registration form, including credit card information and fax to (713) 798-3027.

Online: cvent.me/xnObrg

Check or money order (in U.S. funds) made payable to : *Baylor College of Medicine*

Visa* MasterCard* Discover* AMEX* \$ ____ Total amount enclosed

Card No. _____ Expiration Date: _____

Name on the Card: _____

Authorized Signature: _____

(Please Print Clearly)

Name: _____

First

MI

Last

Degree: _____ Please check if: Resident Fellow

Affiliation: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Mobile: _____

Email: _____

Specialty: _____

Emergency Contact: _____ Phone: _____

National Provider Identification (NPI): _____ Prof. License: _____

Address for mail-in registration and payments:

Baylor College of Medicine - Department of Ophthalmology
1977 Butler Blvd., E2.201, Houston, TX

Special Requests

Contact the Department of Ophthalmology (robinc@bcm.edu) if you have any dietary needs or any ADA accommodation needs.

Please specify: _____

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