



34th Annual Cullen Course

**CLINICAL ADVANCES
IN OPHTHALMOLOGY**

March 1-2, 2019

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

This activity is jointly provided by Medical Education Resources, Inc.
and Baylor College of Medicine, Department of Ophthalmology:
Cullen Eye Institute.



Register online at

cvent.com/events/34th-annual-cullen-course/event-summary-82e0182d332f-43c786fcf7debc5c18da.aspx

Planning Committee

Mitchell P. Weikert, MD, MS | Activity Director

Richard C. Allen, MD, PhD | Peter T. Chang, MD | Rod Foroozan, MD | Honey Herce, MD
Douglas D. Koch, MD | Ella Leung, MD | Stephen C. Pflugfelder, MD

David Paton Medal Lecturer

John D. Gottsch, MD

Margaret C. Mosher Professor of Ophthalmology
Johns Hopkins University School of Medicine | Wilmer Eye Institute
Baltimore, Maryland

Key Lecturer

Julia A. Haller, MD

Ophthalmologist-in-Chief, Wills Eye Hospital
William Tasman, MD Endowed Chair
Professor and Chair of Ophthalmology,
Sidney Kimmel Medical College at Thomas Jefferson University
Philadelphia, Pennsylvania

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Professor of Ophthalmology

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Assistant Professor of Ophthalmology

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Professor of Ophthalmology
Allen, Mosbacher, and Law Chair
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Ella H. Leung, MD

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Alice Y. Matoba, MD

Associate Professor of Ophthalmology

Bac T. Nguyen, MD

Assistant Professor of Ophthalmology

Silvia D. Orenge-Nania, MD

Professor of Ophthalmology

Evelyn A. Paysse, MD

Professor of Ophthalmology

Stephen C. Pflugfelder, MD

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James and Margaret Elkins Chair
of Ophthalmology

Tahira Scholle, MD

Assistant Professor of Ophthalmology

Veeral S. Shah, MD, PhD

Assistant Professor of Ophthalmology

Debra J. Shetlar, MD

Associate Professor of Ophthalmology

J. Timothy Stout, MD, PhD, MBA

Chairman of Ophthalmology
Sid W. Richardson Professor
Margaret Root Brown Chair

Irene T. Tung, MD

Assistant Professor of Ophthalmology

Mitchell P. Weikert, MD, MS

Associate Professor of Ophthalmology

Christina Y. Weng, MD, MBA

Assistant Professor of Ophthalmology

Kimberly G. Yen, MD

Professor of Ophthalmology

Michael T. Yen, MD

Professor of Ophthalmology

Needs

Continued progress in the basic and clinical sciences, therapeutics, technology, and surgery is leading to increased understanding and improved diagnosis and management of eye disorders. 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 the practicing ophthalmologist and ophthalmologists in training.

At the conclusion of the activity, participants should be able to:

- Learn the signs, symptoms, and environmental conditions that contribute to progressive myopia and describe the most current management strategies for this condition.
- Describe the inherited retinal diseases that have gene therapies available to treat them. Know how to direct patients to the appropriate resources to gain access to these treatments.
- Describe the key findings in the preoperative work-up of cataract patients with astigmatism that will optimize the selection and placement of toric IOLs. Know how to systematically manage residual astigmatism that is present after toric IOL implantation.
- Describe the newly available glaucoma medications, including their mechanism of action, expected efficacy, and side effect profiles.

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

Physician Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint provider-ship of Medical Education Resources (MER) and LC Medical PLLC. Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation

Medical Education Resources designates this live activity for a maximum of 13.5 *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

In order to meet the requirements of the Accreditation Council for Continuing Medical Education (ACCME) it is the policy of Baylor College of Medicine that all individuals who are in a position to control the content of a CME course (course director, planning committee members, and faculty) disclose relevant financial relationships with commercial interests. All identified conflicts of interest are managed to help ensure that the educational material is scientifically based, accurate, and objectively presented. Specific disclosure will be made to the participants prior to the educational course.

Friday, March 1, 2019

8:00 a.m. Welcome, Announcements, and Self-Assessment Questions

SESSION 1: Pediatric Ophthalmology | Problem Patients in Pediatric Ophthalmology

Moderator: Honey H. Herce, MD

- 8:10 a.m. **Case 1: My teenager had ROP**
Amit R. Bhatt, MD and Honey H. Herce, MD
- 8:20 a.m. **Case 2: My child always looks sleepy**
Richard C. Allen, MD, PhD and Evelyn A. Paysse, MD
- 8:30 a.m. **Case 3: My child won't patch or wear glasses**
Evelyn A. Paysse, MD and David K. Coats, MD
- 8:40 a.m. **Case 4: My child's vision is getting worse**
Kim G. Yen, MD and Honey H. Herce, MD
- 8:50 a.m. **Case 5: My child has wobbly eyes and can't see**
Veeral Shah, MD, PhD and Kim G. Yen, MD
- 9:00 a.m. **Case 6: My child's eye is red**
Irene T. Tung, MD and Honey H. Herce, MD
- 9:10 a.m. **Case 7: I had refractive surgery and now I see double**
David K. Coats, MD and Irene T. Tung, MD
- 9:20 a.m. **What's New and Important in Pediatric Ophthalmology**
Mohamed Hussein, MD and Honey H. Herce, MD
- 9:30 a.m. Question and Answer Session
- 9:40 a.m. Health Break

SESSION 2: Oculoplastics and Neuro-Ophthalmology

Moderator: Richard C. Allen, MD, PhD

- 10:10 a.m. **Minimally Invasive Lacrimal Surgery**
Michael T. Yen, MD
- 10:20 a.m. **Orbital Metastases: A New Era**
Richard C. Allen, MD, PhD
- 10:30 a.m. **Unusual Eyelid and Epibulbar Lesions**
Debra J. Shetlar, MD
- 10:40 a.m. **Ocular Motility Disorders I**
Veeral Shah, MD, PhD
- 10:50 a.m. **Cerebral Visual Loss**
Rod Foroozan, MD
- 11:00 a.m. **A Few Interesting Cases**
Milton Boniuk, MD
- 11:20 a.m. **Brow Elevation: Choosing the Best Technique for Your Patient**
Richard C. Allen, MD, PhD
- 11:30 a.m. **Update on Corneal Neurotization**
Michael T. Yen, MD
- 11:40 a.m. **Ocular Motility Disorders II**
Veeral Shah, MD, PhD
- 11:50 a.m. Question and Answer Session
- 12:00 p.m. Lunch

Audio or videotaping is prohibited without written permission from the Activity Director. Faculty, topics, program schedule, and credits are subject to change.

Friday, March 1, 2019 *(continued)*

ETHICS LECTURE

- 1:00 p.m. (TBD)
(TBD)
- 2:00 p.m. **Health Break/Exhibits Open**

SESSION 3: Retina

Moderator: Ella H. Leung, MD

- 2:20 p.m. **OCTA in Today's Retina Practice**
Roomasa Channa, MD
- 2:30 p.m. **Cost Effectiveness of Endophthalmitis Prophylaxis**
Ella H. Leung, MD
- 2:40 p.m. **New Therapeutic Options for Primary and Metastatic Uveal Melanoma**
Dan Gombos, MD
- 2:50 p.m. **Finally! FDA-Approved Gene Therapy**
J. Timothy Stout, MD, PhD
- 3:00 p.m. **Retina Newsflash 2019: Five Things to Know About**
Christina Y. Weng, MD

KEY OPHTHALMIC LECTURE

- 3:15 p.m. **Introduction**
J. Timothy Stout, MD, PhD
Not in Vein: The Evolution of Therapy for Retinal Venous Occlusive Disease
Julia Haller, MD
- 3:55 p.m. **Retina Debates 2019**
Roomasa Channa, MD, Ella H. Leung, MD, Tahira Scholle, MD, J. Timothy Stout, MD, PhD, and Christina Y. Weng, MD
- 4:30 p.m. Question and Answer Session
- 4:40 p.m. Self-Assessment Questions
- 4:50 p.m. Adjournment
- 4:55 p.m. Reception

Saturday, March 2, 2019

8:00 a.m. Welcome, Announcements, and Self-Assessment Questions

SESSION 4: Anterior Segment – Cataract/Refractive

Moderator: Douglas D. Koch, MD

8:10 a.m. **New Toys for Cataract Surgery – Do They Make Us Better?**
Sumitra S. Khandelwal, MD

8:20 a.m. **Toric Torture – Case Studies in IOL Selection**
Douglas D. Koch, MD

8:30 a.m. **Astigmatism After Toric IOL Implantation – What Now?**
Mitchell P. Weikert, MD

8:40 a.m. **Finally, a New Option for Iris Replacement**
M. Bowes Hamill, MD

8:50 a.m. **Decision Making for Sulcus IOL Implantation**
Zaina Al-Mohtaseb, MD

9:00 a.m. **Getting Edgy with Premium IOLs**
Douglas D. Koch, MD

9:10 a.m. **Cataract Gymnastics – What Do I Do Now?**
*M. Bowes Hamill, MD, Sumitra S. Khandelwal, MD,
Douglas D. Koch, MD, and Mitchell P. Weikert, MD*

9:50 a.m. Question and Answer Session

10:00 a.m. Health Break

SESSION 5: Glaucoma

Moderator: Peter T. Chang, MD

10:30 a.m. **Glaucoma Medications: What's New?**
Bac T. Nguyen, MD

10:40 a.m. **Role of Systemic Medications in Glaucoma**
Benjamin J. Frankfort, MD, PhD

10:50 a.m. **Update on Optic Nerve Imaging**
Kristin S. Biggerstaff, MD

11:00 a.m. **Corneal Hysteresis – Is it Important?**
Lauren S. Blieden, MD

11:10 a.m. **The Who, What, When, Where, and How of MIGS**
Hydrus | *Peter T. Chang, MD*
Xen | *Silvia D. Orengo-Nania, MD*
InFocus | *Lauren S. Blieden, MD*
Omni | *Bac T. Nguyen, MD*
iStent Inject | *Yvonne I. Chu, MD*

11:35 a.m. **The Cornea-Glaucoma Follies: Who's Got it Worse?**
Anterior Segment & Glaucoma Faculty

Pseudoexfoliation Syndrome
Shallow Anterior Chamber
Sulcus IOL & Uveitis-Glaucoma-Hyphema Syndrome

12:05 p.m. Question and Answer Session

12:15 p.m. Lunch

Saturday, March 2, 2019 *(continued)*

SESSION 6: Cornea and External Disease

Moderator and Presenter: Alice Y. Matoba, MD

- 1:15 p.m. **Herpes Simplex Keratitis**
Alice Y. Matoba, MD
- 1:25 p.m. **Corneal Findings in Monoclonal Gammopathy**
Alice Y. Matoba, MD
- 1:35 p.m. Question and Answer Session

PATON MEDAL LECTURE

- 1:45 p.m. **Introduction**
J. Timothy Stout, MD, PhD
**Corneal Transplantation: Where We Have Been,
Where We Are, and Where We Might Be Going**
John D. Gottsch, MD
- 2:30 p.m. Health Break/Exhibits Open

SESSION 7: Anterior Segment – Cornea

Moderator: Stephen C. Pflugfelder, MD

- 3:00 p.m. **Neurotrophic Keratopathy – What's New**
Stephen C. Pflugfelder, MD
- 3:10 p.m. **Keratoconus – An Inflammatory Disease?**
Zaina Al-Mohtaseb, MD
- 3:20 p.m. **My Approach to the Typical Dry Eye Patient**
Stephen C. Pflugfelder, MD
- 3:30 p.m. **Corneal Biomechanics – What Can it Tell Us?**
Mitchell P. Weikert, MD
- 3:40 p.m. **Red Eye – Cases Not to Miss**
Sumitra S. Khandelwal, MD
- 3:50 p.m. **Band Keratopathy: What It Is and How to Deal with It**
M. Bowes Hamill, MD
- 4:00 p.m. Question and Answer Session
- 4:10 p.m. Self-Assessment Questions
- 4:20 p.m. Adjournment



Fee, 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.

To register:

cvent.com/events/34th-annual-cullen-course/event-summary-82e0182d332f43c786fcf7debc5c18da.aspx

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 and Accommodations

Hyatt Regency Houston/Galleria

2626 Sage Road, Houston, TX 77056

832.803.1234 | houstongalleria.regency.hyatt.com

Accommodations should be arranged directly with Hyatt Regency Houston/Galleria. Please identify yourself with the **BCM 34th Annual Cullen Course** when making reservations in order to benefit from the special group rate of \$129 single/double. Rooms have been reserved at the special rate on a space available basis. The deadline to receive this rate is **February 8, 2018** unless the room block has already been filled. **Reserve your room early.**

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 syllabus 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*)

For Further Information

Baylor College of Medicine
Department of Ophthalmology
6565 Fannin St., NC205
Houston, TX 77030

Email: robinc@bcm.edu

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HYATT REGENCY HOUSTON/GALLERIA

Registration

Registration Fees

Physician.....	\$670	Fellow	\$370
Physician (one day).....	\$570	Retired Physician	\$370
BOAA Member.....	\$570	Nurse.....	\$370
BOAA Member (one day)	\$395	Technician	\$370
BCM Faculty.....	\$395	Other Healthcare Professional.....	\$470
Resident.....	\$370		

Three Ways to Register and Pay (Your registration must be PREPAID)

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.com/events/34th-annual-cullen-course/event-summary-82e0182d332f43c786f-cf7debc5c18da.aspx

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

Visa® MasterCard® Discover® AMEX® \$ _____ **Total amount enclosed**

Card No. _____ Exp. Date: _____

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(Please print clearly)

Name: _____
First MI Last

Degree: _____ Please check if: Resident Fellow

Affiliation: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ Mobile: _____

Email: _____

Specialty: _____

Emergency Contact: _____ Phone: _____

National Provider Identifier (NPI): _____ Prof. License: _____
No./State

Address for mail-in registration and payments:
Baylor College of Medicine • Department of Ophthalmology
6565 Fannin St., NC205, Houston, TX 77030

Special Requests

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

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Date:
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