35th Annual Cullen Course

CLINICAL ADVANCES IN OPHTHALMOLOGY

March 6-7, 2020

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

This activity is jointly provided by Medical Education Resources and Baylor College of Medicine, Cullen Eye Institute. This activity is supported by an educational grant.

Visit cvent.com/d/tyg3j7 to register online, or for more information.
Planning Committee

Mitchell P. Weikert, MD, MS | Activity Director
Richard C. Allen, MD, PhD | Activity Co-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

Michael F. Chiang, MD
Knowles Professor of Ophthalmology & Medical Informatics and Clinical Epidemiology
Associate Director, Casey Eye Institute
Oregon Health & Science University

Key Lecturer

Peter A. Campochiaro, MD
Director, Retinal Cell and Molecular Laboratory
Professor of Ophthalmology
Johns Hopkins Medical Institute

Baylor College of Medicine Course Faculty

Masih Ahmed, MD
Assistant Professor of Ophthalmology

Richard C. Allen, MD, PhD
Professor of Ophthalmology

Zaina Al-Mohtaseb, MD
Associate Professor of Ophthalmology

Amit R. Bhatt, MD
Assistant Professor of Ophthalmology

Kristin S. Biggerstaff, MD
Associate Professor of Ophthalmology

Lauren S. Blieden, MD
Associate Professor of Ophthalmology

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Professor of Ophthalmology
Caroline F. Elles Chair of Ophthalmology

Peter T. Chang, MD
Associate Professor of Ophthalmology

Madhuri Chilikapati, MD
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Professor of Ophthalmology

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Professor of Ophthalmology

Rod Foroozan, MD
Associate Professor of Ophthalmology

Benjamin J. Frankfort, MD, PhD
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Douglas D. Koch, MD
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Allen, Mosbacher, & Law Chair of Ophthalmology

Theresa Leung, MD
Assistant Professor of Ophthalmology

Alice Y. Matoba, MD
Associate Professor of Ophthalmology

Bac T. Nguyen, MD
Assistant Professor of Ophthalmology

Silvia D. Orengo-Nania, MD
Professor of Ophthalmology

Evelyn A. Paysse, MD
Professor of Ophthalmology

Stephen C. Pflugfelder, MD
Professor of Ophthalmology
James and Margaret Elkins Chair of Ophthalmology

Radha Ram, MD
Assistant Professor of Ophthalmology

Tahira Scholle, MD
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

Mitchell P. Weikert, MD, MS
Associate Professor of Ophthalmology

Christina Y. Weng, MD, MBA
Associate Professor of Ophthalmology

Kimberly G. Yen, MD
Professor of Ophthalmology

Michael T. Yen, MD
Professor of Ophthalmology
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 and ophthalmologists in training. At the conclusion of the activity, participants should be able to:
• Describe the mechanism of action of checkpoint inhibitors in the treatment of cancer and identify the different eyelid and orbital conditions that have been successfully treated with PD-1 inhibitors.
• Describe the appropriate evaluation of a patient with congenital ptosis and list the different surgical interventions available and the appropriate indications for their use.
• Describe the key findings in the preoperative work-up of cataract patients with astigmatism that will optimize the selection and placement of toric IOLs and discuss technologies that may assist with toric IOL alignment.
• Identify features on diagnostic testing that indicate the progression of glaucoma and describe treatment strategies to employ when current regimens are ineffective, and glaucoma is progressing.
• Discuss the comprehensive approach to the diagnosis and management of posterior uveitis patients. Describe the retinal findings associated with the different etiologies.
• Describe the current philosophy for the treatment of meibomian gland dysfunction and the new therapies available for management.

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 Credit
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Medical Education Resources (MER) and Baylor College of Medicine, Cullen Eye Institute. MER 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 12.5 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
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.
Agenda: Friday, March 6, 2020

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

SESSION 1: Pediatric Ophthalmology | Moderator: Madhuri Chilikapati, MD

8:10 a.m. What’s New with Congenital Ptosis?  
Evelyn A. Paysse, MD

8:20 a.m. How Can Avastin Affect My Child?  
Amit R. Bhatt, MD

8:30 a.m. Pediatric Ocular Problems with Serious Systemic Conditions You Don’t Want to Miss  
Mohamed A. Hussein, MD

8:40 a.m. To Patch or Not to Patch? Amblyopia Treatment Options  
Kim G. Yen, MD

8:50 a.m. Is This Preseptal Cellulitis?  
Richard C. Allen, MD, PhD

9:00 a.m. Under Pressure!  
Lauren S. Blieden, MD

9:10 a.m. Cataracts and Strabismus: Five Things Every Ophthalmologist Should Know  
Radha Ram, MD

9:20 a.m. Two Simple Tips to Improve Communication in Surgery  
David K. Coats, MD

9:30 a.m. Question and Answer Session

9:45 a.m. Break

SESSION 2: Oculoplastics and Neuro-Ophthalmology | Moderator: Michael T. Yen, MD

10:15 a.m. Mechanical Ptosis: The Forgotten Eyelid Malposition  
Michael T. Yen, MD

10:25 a.m. PD-1 Inhibitors in Eyelid and Orbital Oncology: The Coming Era  
Richard C. Allen, MD, PhD

10:35 a.m. Improving Patient Care Through Communicating and Coordinating with the Ophthalmic Pathologist  
Debra J. Shetlar, MD

10:45 a.m. Case Presentations in Neuro-Ophthalmology Part 1  
Rod Foroozan, MD

10:55 a.m. A Few Interesting Cases  
Milton Boniuk, MD

11:15 a.m. How I Learned to Stop Worrying and Love the MMCR  
Richard C. Allen, MD, PhD

11:25 a.m. The Lower Eyelid in Blepharospasm: Effects on the Ocular Surface and Patient Comfort  
Michael T. Yen, MD

11:35 a.m. Case Presentations in Neuro-Ophthalmology Part II  
Rod Foroozan, MD

11:45 a.m. Question and Answer Session

12:00 p.m. Lunch

ETHICS LECTURE

1:00 p.m. Ethical Issues in Global Ophthalmology  
Mitchell P. Weikert, MD and Zaina Al-Mohtaseb, MD

2:00 p.m. Break/Exhibits Open

Audio or videotaping is prohibited without written permission from the Activity Director. Faculty, topics, program schedule, and credits are subject to change.
Friday, March 6, 2020 (continued)

SESSION 3: Retina | Moderator: Christina Y. Weng, MD

2:20 p.m.  Retinal Drug Toxicities  
Tahira Scholle, MD

2:30 p.m.  Emerging Therapies in Age-Related Macular Degeneration  
Christina Y. Weng, MD

2:40 p.m.  Von Hippel-Lindau Screening Guidelines  
Dan S. Gombos, MD

2:50 p.m.  Approaching the Uveitis Patient: Diagnosis and Treatment  
Theresa Leung, MD

3:00 p.m.  Medical Economics  
J. Timothy Stout, MD, PhD

KEY OPHTHALMIC LECTURE

3:15 p.m.  Introduction  
J. Timothy Stout, MD, PhD

Mechanism of Cone Cell Death in Retinitis Pigmentosa  
Peter A. Campochiaro, MD

3:55 p.m.  Retina Case Conference  
Dan S. Gombos, MD; Theresa Leung, MD; Tahira Scholle, MD;  
J. Timothy Stout, MD; 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

Agenda: Saturday, March 7, 2020

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

SESSION 4: Anterior Segment – Cataract/Refractive | Moderator: M. Bowes Hamill, MD

8:10 a.m.  Update on Multifocal IOL Technology and Managing the Unhappy Patient  
Sumitra S. Khandelwal, MD

8:20 a.m.  Toric IOLs: What We Know and What We Need  
Douglas D. Koch, MD

8:30 a.m.  Pearls for In-the-Bag IOL Exchange  
Mitchell P. Weikert, MD

8:40 a.m.  Vertical Irrigation Phaco  
M. Bowes Hamill, MD

8:50 a.m.  Intraoperative Imaging in Cataract Surgery  
Zaina Al-Mohtaseb, MD

9:00 a.m.  IOL Calculations: Can We Do Better?  
Douglas D. Koch, MD

9:10 a.m.  New Refractive Technologies  
Masih Ahmed, MD

9:20 a.m.  Cataract Tips and Tricks  
Masih Ahmed, MD; Zaina Al-Mohtaseb, MD; 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.  Break
Saturday, March 7, 2020 (continued)

SESSION 5: Glaucoma | Moderator: Silvia D. Orengo-Nania, MD

10:30 a.m. How to Tell a Patient They Have Glaucoma
Silvia D. Oreengo-Nania, MD

10:45 a.m. Primary Treatment: Medications vs. Laser Trabeculoplasty
Kristin S. Biggerstaff, MD

11:00 a.m. Are They Stable? How to Detect Progression
Yvonne I. Chu, MD

11:15 a.m. First-Line Incisional Glaucoma Surgery
Bac T. Nguyen, MD

11:30 a.m. Second-Line Surgery: Trab vs. Tube vs. Cyclophotocoagulation
Lauren S. Blieden, MD

11:45 a.m. “Will I Go Blind?”
Benjamin Frankfort, MD, PhD

11:55 a.m. At 90 Years Old, Does My Management Change?
Peter T. Chang, MD

12:05 p.m. Question and Answer Session

12:15 p.m. Lunch

SESSION 6: Cornea and External Disease | Moderator: Alice Y. Matoba, MD

1:15 p.m. Update on Acanthamoeba Keratitis
Alice Y. Matoba, MD

1:25 p.m. Management of Lipid Keratopathy
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

Information Technology and Big Data for Ophthalmology: Promises, Challenges, Solution
Michael F. Chiang, MD

2:30 p.m. Break/Exhibits Open

SESSION 7: Anterior Segment – Cornea | Moderator: Masih Ahmed, MD

3:00 p.m. Meibomian Gland Disease: It Ain’t Sexy, But it’s Common
Stephen C. Pflugfelder, MD

3:10 p.m. DMEK/Cultured Endothelial Cells
Zaina Al-Mohtaseb, MD

3:20 p.m. Corneal Lumps and Bumps
Sumitra S. Khandelwal, MD

3:30 p.m. OSSN Diagnosis and Management
Mitchell P. Weikert, MD

3:40 p.m. SOS: Scleral Lenses to the Rescue
Masih Ahmed, MD

3:50 p.m. Anti-inflammatory Therapy for Allergic and Atopic Disease
Stephen C. Pflugfelder, MD

4:00 p.m. Management Options for the Failed PKP
M. Bowes Hamill, MD

4:10 p.m. Question and Answer Session

4:20 p.m. Self-Assessment Questions

4:30 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/d/tyq3j7

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 35th Annual Cullen Course when making reservations in order to benefit from the special group rate of $139 single/double. Rooms have been reserved at the special rate on a space available basis. The deadline to receive this rate is February 13, 2020 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

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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/d/tyq37

- 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: _____________
- Name on the Card: ____________________________
- Authorized Signature: ____________________________

(Please print clearly)

Name: ____________________________ First    Middle    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: ____________________________

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 (robincl@bcm.edu) if you have any dietary needs (specify below) or any ADA accommodation needs.