The UCSF Ophthalmology Update will update practicing ophthalmologists on advances in: glaucoma, pediatric ophthalmology, neuro-ophthalmology, retina, oncology, oculoplastic and reconstructive surgery, cornea, refractive surgery, external disease, and uveitis.

EDUCATIONAL OBJECTIVES
Upon completion of this program, attendees will be able to:

- Manage patients with diabetic macular edema;
- Refine approach to phacoemulsification in patients with pseudoexfoliation, Fuchs’ dystrophy, and crowded angles;
- Manage diplopia in thyroid eye disease;
- Apply new approaches to dry eye treatment.

ACCREDITATION
The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 13.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly, Bill 1195, continuing education and cultural and linguistic competency.

Nurses: For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME.

Physician Assistants: AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

Pharmacy: The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™.
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University of California, San Francisco

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Ophthalmologist

Kaiser Permanente

Redwood City, CA

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Ophthalmologist

West Coast Retina Medical Group
San Francisco, CA

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Assistant Professor of Ophthalmology

Yvonne Ou, MD
Associate Professor of Ophthalmology

Sriranjani Padmanabhan, MD
Clinical Instructor in Ophthalmology

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Clinical Instructor in Ophthalmology

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UCLA Doheny Eye Center

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Minneapolis, MN

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Director, Center for Genetic Eye Diseases

Cleveland Clinic Cole Eye Institute

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Cleveland Clinic Lerner

College of Medicine, Case Western Reserve University

Cleveland, OH

Elmer Tu, MD
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Director, Comer Service

University of Illinois

Ophthalmologist

Chicago, IL

Bryan Winn, MD
Assistant Professor of Ophthalmology

Columbia University

Medical Center

New York, NY

faculty
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Registration &amp; Continental Breakfast</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>Welcome</td>
<td>Dr. Stephen McLeod</td>
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<tr>
<td>8:10</td>
<td>Acute Esotropia</td>
<td>Dr. Julius Oatts</td>
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<tr>
<td>8:20</td>
<td>Management of Diplopia In Thyroid Eye Disease</td>
<td>Dr. Elias Traboulsi</td>
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<tr>
<td>8:30</td>
<td>Retinal Arterial Ischemia: New Guidelines!</td>
<td>Dr. Nancy Newman</td>
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<tr>
<td>8:40</td>
<td>Five Things You Always Wanted to Know About Strabismus but Were Afraid to Ask</td>
<td>Dr. Alejandra de Alba Campomanes</td>
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<tr>
<td>8:50</td>
<td>Adjustable Sutures in Childhood Strabismus</td>
<td>Dr. Maanasa Indaram</td>
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<tr>
<td>9:00</td>
<td>Dural Venous Sinus Stenting: A New Treatment for Pseudotumor Cerebri</td>
<td>Dr. Jonathan Horton</td>
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<tr>
<td>9:10</td>
<td>Is it Optic Neuritis?</td>
<td>Dr. Nancy Newman</td>
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<tr>
<td>9:20</td>
<td>What’s New in Pediatric Cataract</td>
<td>Dr. Elias Traboulsi</td>
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<tr>
<td>9:30</td>
<td>Transient Visual Loss</td>
<td>Dr. Nailyn Rasool</td>
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<tr>
<td>9:40</td>
<td>Panel Discussion</td>
<td>Conference Faculty</td>
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<tr>
<td>10:00</td>
<td>Break</td>
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<tr>
<td>10:20</td>
<td>The New Glaucoma Medications: Real Life Experience</td>
<td>Dr. Richard Lewis</td>
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<tr>
<td>10:30</td>
<td>24 Hour IOP and Drug Therapy</td>
<td>Dr. Siriranjani Padmanabhan</td>
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<tr>
<td>10:40</td>
<td>How I Avoid Complications with Various MIGS</td>
<td>Dr. Tom Samuelson</td>
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<tr>
<td>10:50</td>
<td>Update on Glaucoma Function and Structure Tests</td>
<td>Dr. Ying Han</td>
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<tr>
<td>11:00</td>
<td>Challenges in Diagnosing Normal Tension Glaucoma</td>
<td>Dr. Yvonne Ou</td>
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<tr>
<td>11:10</td>
<td>New News in Glaucoma Management: Practical Considerations</td>
<td>Dr. Andrew Iwach</td>
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<tr>
<td>11:20</td>
<td>What We’ve Learned from Clinical Trials: The Latest</td>
<td>Dr. Kuldev Singh</td>
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<tr>
<td>11:30</td>
<td>Medico-legal Cases that Teach Us What Not to Do</td>
<td>Dr. Robert Stamper</td>
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<tr>
<td>11:40</td>
<td>Panel Discussion</td>
<td>Conference Faculty</td>
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<tr>
<td>12:00 pm</td>
<td>Lunch</td>
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<tr>
<td>1:15</td>
<td>The Evolving Care Pathway of Uveal Melanocytic Lesions</td>
<td>Dr. Armin Afshar</td>
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<td>1:25</td>
<td>New Treatment for Dry AMD</td>
<td>Dr. Peter Kaiser</td>
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<td>1:35</td>
<td>When the Patient Sees Nothing and the Surgeon Sees Nothing: Visual Loss Following Routine Vitrectomy</td>
<td>Dr. H. Richard McDonald</td>
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<tr>
<td>1:45</td>
<td>DME Treatment Algorithm</td>
<td>Dr. Peter Kaiser</td>
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<tr>
<td>1:55</td>
<td>Complications of Prematurity in Adults</td>
<td>Dr. Eric Nudleman</td>
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<tr>
<td>2:05</td>
<td>ROP Therapy Update</td>
<td>Dr. Kimberly Drenser</td>
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<tr>
<td>2:15</td>
<td>Intravitreal Steroids in Retinovascular Disease</td>
<td>Dr. Jay Stewart</td>
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<tr>
<td>2:25</td>
<td>Pediatric Vitreoretinal Surgery Update</td>
<td>Dr. Kimberly Drenser</td>
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<tr>
<td>2:35</td>
<td>Lessons learned from Uveitis Cases</td>
<td>Dr. Nisha Acharya</td>
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<tr>
<td>2:45</td>
<td>Panel Discussion</td>
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<tr>
<td>3:05</td>
<td>Break</td>
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<tr>
<td>3:25</td>
<td>Understanding and Managing Traumatic Visual Loss When it’s not the Eyeball</td>
<td>Dr. Robert Kersten</td>
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<tr>
<td>3:35</td>
<td>Efficacy of Care for Blind Painful Eyes</td>
<td>Dr. M. Reza Vagefi</td>
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<tr>
<td>3:45</td>
<td>Punctal Congestion Syndrome</td>
<td>Dr. Bryan Winn</td>
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<tr>
<td>3:55</td>
<td>Vascular Orbital Disease</td>
<td>Dr. Dan Rootman</td>
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<tr>
<td>4:05</td>
<td>DCR: Inside or Outside</td>
<td>Dr. Stuart Seiff</td>
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<tr>
<td>4:15</td>
<td>“Man’s Best Friend” (Until it’s not...)</td>
<td>Dr. Tamara Fountain</td>
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<tr>
<td>4:25</td>
<td>Panel Discussion</td>
<td>Conference Faculty</td>
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<tr>
<td>4:45 pm</td>
<td>Adjourn</td>
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</tbody>
</table>
**SATURDAY, DECEMBER 1, 2018**

7:30 am  **Continental Breakfast**

7:55  **Welcome and Introduction of the Proctor Lecturer**  Dr. Stephen McLeod

8:00  **Proctor Lecture**  Dr. Randall Olson

**CATARACT SECTION • Moderator: Dr. David Chang, MD**

**Session 1: Cataract Surgery – My Top 5 Pearls**
Panel: Drs. Stephen McLeod, Elmer Tu, Randy Olson and Tom Samuelson

Format: This rapid fire program will feature brief talks in which different experts present their top 5 pearls for managing complex cataract cases. Each lecture is 7 minutes, followed by 5 minutes of panel discussion.

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:46</td>
<td>Introduction</td>
<td>Dr. David Chang</td>
</tr>
<tr>
<td>8:47</td>
<td>Phaco with Fuchs Dystrophy</td>
<td>Dr. David Hwang</td>
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<tr>
<td>8:59</td>
<td>Phaco with Pseudoexfoliation</td>
<td>Dr. Tom Samuelson</td>
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<tr>
<td>9:11</td>
<td>Phaco with Crowded AC/Narrow Angles</td>
<td>Dr. Saras Ramanathan</td>
</tr>
<tr>
<td>9:23</td>
<td>Panel Discussion Concludes</td>
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</tbody>
</table>

**Session 2: Refractive IOLs – My Top 5 Pearls**
Panel: Drs. Randy Olson, Tom Samuelson, Ayman Naseri and Stephen McLeod

Format: This rapid fire program will feature brief talks in which different experts present their top 5 pearls for managing refractive IOL challenges. Each lecture is 7 minutes, followed by 5 minutes of panel discussion.

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>9:24</td>
<td>Refractive IOL Selection (MF/EDOF/Monofoocal)</td>
<td>Dr. Julie Schallhorn</td>
</tr>
<tr>
<td>9:36</td>
<td>Toric IOL Pearls</td>
<td>Dr. David Chang</td>
</tr>
<tr>
<td>9:48</td>
<td>Prior Keratorefractive Surgery Patients</td>
<td>Dr. Neeti Parikh</td>
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<tr>
<td>10:00</td>
<td>Pseudophakic Dysphotopia</td>
<td>Dr. Randall Olson</td>
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<tr>
<td>10:12</td>
<td>Panel Discussion Concludes</td>
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**Session 3: Now What? Video Complication Symposium**
Panel: Drs. Ayman Naseri, Randy Olson, Tom Samuelson, Jennifer Rose-Nussbaumer and Elmer Tu

Format: Dr. David Chang will present three video cases illustrating different phaco-IOL complications. At different decision points, the video will be paused to allow the panelists to discuss how to proceed.

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:15</td>
<td>Three Video Cases</td>
<td>Dr. David Chang</td>
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<tr>
<td>10:55</td>
<td>Break</td>
<td></td>
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</tbody>
</table>

**MEDICAL CORNEA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15</td>
<td>What’s New in Acanthameoba Treatment</td>
<td>Dr. Elmer Tu</td>
</tr>
<tr>
<td>11:23</td>
<td>What is the Evidence Behind New Dry Eye</td>
<td>Dr. Jeremy Keenan</td>
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<td></td>
<td>Treatments Such as Xildra?</td>
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<tr>
<td>11:31</td>
<td>All Things Zoster: Prolonged Suppressive</td>
<td>Dr. John Gonzales</td>
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<tr>
<td></td>
<td>Oral Therapy, Zostavax, and more</td>
<td></td>
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<tr>
<td>11:39</td>
<td>Cornea: What Not to Miss</td>
<td>Dr. Gerami Seitzman</td>
</tr>
</tbody>
</table>

**SURGICAL CORNEA**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:47</td>
<td>Clinical Pearls From the Recent Cornea Literature</td>
<td>Dr. Elmer Tu</td>
</tr>
<tr>
<td>12:03</td>
<td>Complex Cases for the Anterior Segment Surgeon</td>
<td>Dr. David Hwang</td>
</tr>
<tr>
<td>12:11</td>
<td>What’s New in Refractive Surgery in 2018</td>
<td>Dr. Julie Schallhorn</td>
</tr>
<tr>
<td>12:19</td>
<td>Corneal Cross-linking: Who Needs It and When?</td>
<td>Dr. Maanasa Indaram</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch (On Your Own) or Cordes Lunch &amp; Business Meeting (Members Only)</td>
<td></td>
</tr>
</tbody>
</table>
GENERAL INFORMATION
Advance registration closes one (1) business day prior to start of course. On site registration fees will be applied after this date.

REGISTRATION INFORMATION
Tuition: $525  Practicing Physicians
$400  Nurses/ Pharmacists/ Advanced Health Practitioners/ Residents/Fellows
* On-site registration will be $50 additional.
Payment can be made by Visa, MasterCard, AmEx or check.

GREENER MEETING
We’re saving paper! The syllabus will be transmitted electronically one week prior to the course.

REGISTER VIA
Online:  cme.ucsf.edu
Mail:  Complete course registration form and send with payment to: UCSF Office of CME, P.O. Box 45368
San Francisco, CA 94145-0368
Fax:  Fax completed registration form to: (415) 502-1795 (be sure to include your credit card number)
Phone:  To register by phone or to inquire about registration status, please call UCSF’s CME Registration Office at (415) 476-5808

On-Site Registration:
Generally, we are able to accommodate on-site registration at our courses; however, pre-registration is preferred to ensure that we have adequate course materials. Please check our website for up-to-date information on the course: cme.ucsf.edu

REFUND POLICY
Cancellations received in writing before November 28, 2018 will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION
The course will take place at the Park Central Hotel San Francisco, located in the South of Market (SOMA) district. The hotel is within walking distance to the famed San Francisco Shopping Center, Yerba Buena Gardens, and the San Francisco Museum of Modern Art (SFMOMA). Enjoy San Francisco’s renowned attractions such as the historic cable cars, shopping in Union Square, or visit San Francisco’s culinary hub at the Ferry Building.

A block of guestrooms has been reserved at the special UCSF conference rate of $289/night. You are urged to make your reservations early. The cut off date is October 30, 2018, or until the group room block is filled. After this date, rooms will be provided on a space-available basis only. To make hotel reservations online, go to cme.ucsf.edu and click on the hotel link in the Travel & Lodging section of the course webpage.

If you prefer to telephone in your reservation, call 888-627-8561 and identify yourself as a member of this UCSF conference to receive the special rate. By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable.

AIR TRANSPORTATION AND RENTAL CAR
UCSF has negotiated special fares with airlines and car rental agencies. Please visit the TRAVEL AND LODGING section on the course webpage at cme.ucsf.edu for more information and discount codes.
OPHTHALMOLOGY
UPDATE 2018

November 30 - December 1, 2018 • Park Central Hotel

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You may also reach us by calling the Office of CME at (415) 476-4251 or emailing info@ocme.ucsf.edu.

Syllabus
An electronic course syllabus will be sent to participants prior to the course and will be posted on the course website. There will not be a printed version of the syllabus for this course.
2018 OPHTHALMOLOGY UPDATE
November 30 - December 1, 2018
Park Central Hotel
San Francisco, California

Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1785

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First M.I.

Degree
Specialty

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State
Zip

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Fax

Email

Address Label Code Letter (see address label: example, A, B, C, D, etc.)

Would you like to be on our priority email list? [ ] Yes [ ] No

Date of birth to be used as OCME registrant number: ___ ___ / ___ ___ / XX

[ ] Please indicate if you have any special needs:

Registration Fees*
[ ] $525 Physicians
[ ] $400 Nurses/Pharmacist/Advanced Health Practitioners/Residents/Fellows

*on-site registration is an additional $50

Cordes Session • Saturday, December 1 • 2:00 pm – 5:00 pm

I will attend the Saturday afternoon Cordes Session (included in tuition):
[ ] Yes [ ] No

Make checks payable to UC Regents

Please charge my credit card: [ ] Visa [ ] MasterCard [ ] AmEx for $ ____________________________

_________________________ / ____________________________
Card # Expiration date

Name on Card (Please Print) Authorized Signature

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www.parkcentralsf.com