UCLA Department of Ophthalmology Annual Seminar

June 7-8, 2019

UCLA Stein Eye Institute • RPB Auditorium

50th Doheny Memorial Lecturer
Paul P. Lee, MD, JD
E. Bruce F. Fralick Professor & Chair
Department of Ophthalmology & Visual Sciences
University of Michigan
Director, Wilmer Kellogg Eye Center

50th Jules Stein Lecturer
David J. Wilson, MD
Paul H. Casey Chair
Department of Ophthalmology
Clinical Assistant Professor of Ophthalmology
Casey Eye Institute
University of Oregon Health & Science Center

17th Bradley R. Straatsma Lecturer
Jeffrey L. Goldberg, MD, PhD
Professor & Chair of Ophthalmology
Byers Eye Institute at Stanford University

17th Thomas H. Pettit Lecturer
Yvonne Ou, MD
Associate Professor of Ophthalmology
Vice Chair for Postgraduate Education
Co-Director, Glaucoma Service
Department of Ophthalmology
University of California, San Francisco

UCLA Stein Eye Institute

Doheny Eye Institute
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:45</td>
<td>Breakfast &amp; Registration</td>
</tr>
<tr>
<td>7:35</td>
<td>Welcome</td>
</tr>
<tr>
<td>7:45</td>
<td>Pediatric Ophthalmology &amp; Strabismus</td>
</tr>
<tr>
<td></td>
<td>Moderators: Joseph L. Demer, MD, PhD &amp; Stacy L. Pineles, MD</td>
</tr>
<tr>
<td>7:45</td>
<td>Early Results from PEDIG PON1 Study</td>
</tr>
<tr>
<td>8:00</td>
<td>Pediatric Anterior Segment Disease</td>
</tr>
<tr>
<td>8:15</td>
<td>Causes of Adult Diplopia</td>
</tr>
<tr>
<td>8:25</td>
<td>Extraocular Muscle Function in Divergence</td>
</tr>
<tr>
<td>8:45</td>
<td>Orbital &amp; Ophthalmic Plastic Surgery</td>
</tr>
<tr>
<td></td>
<td>Moderators: Norman Shorr, MD &amp; Robert A. Goldberg, MD</td>
</tr>
<tr>
<td>8:40</td>
<td>Fibrosis in Thyroid Eye Disease: The Silent Nemesis</td>
</tr>
<tr>
<td>9:00</td>
<td>Considerations for Volume Subtraction &amp; Addition in Lower Blepharoplasty</td>
</tr>
<tr>
<td>9:10</td>
<td>Household Objects &amp; Orbital Vascular Lesions: Glue, Foam &amp; Springs</td>
</tr>
<tr>
<td>9:25</td>
<td>Collagen Crosslinking Beyond the Cornea: New Vistas for Tissue Remodeling</td>
</tr>
<tr>
<td>9:35</td>
<td>Break</td>
</tr>
<tr>
<td>10:00</td>
<td>Glaucoma</td>
</tr>
<tr>
<td></td>
<td>Moderators: Joseph Caprioli &amp; James C. Tan, MD PhD</td>
</tr>
<tr>
<td>10:00</td>
<td>Update on Macular Imaging for Glaucoma</td>
</tr>
<tr>
<td>10:15</td>
<td>Secondary Retinal Ganglion Cell Damage</td>
</tr>
<tr>
<td>10:30</td>
<td>Measurement of Rates in Glaucoma</td>
</tr>
<tr>
<td>10:45</td>
<td>Update on the Role of Trabeculectomy for Treatment of Glaucoma</td>
</tr>
<tr>
<td>11:00</td>
<td>Discussion</td>
</tr>
<tr>
<td>11:10</td>
<td>17th Thomas H. Pettit Lecture</td>
</tr>
<tr>
<td>11:15</td>
<td>Introduction</td>
</tr>
<tr>
<td>11:45</td>
<td>Lunch</td>
</tr>
<tr>
<td>12:45</td>
<td>Cornea/External Disease &amp; Uveitis: Consensus &amp; Controversy</td>
</tr>
<tr>
<td></td>
<td>Moderators: Anthony J. Aldave, MD &amp; Hugo Y. Hsu, MD</td>
</tr>
<tr>
<td>12:46</td>
<td>Oral Antiviral Prophylaxis for Herpes Zoster Keratitis &amp; Keratouveitis</td>
</tr>
<tr>
<td>12:54</td>
<td>Yes, It Is Necessary to Document Progression</td>
</tr>
<tr>
<td>1:02</td>
<td>No, It is not Necessary to Document Progression</td>
</tr>
<tr>
<td>2:10</td>
<td>Visual Function Assessment for Clinical Trials</td>
</tr>
<tr>
<td>2:25</td>
<td>Emerging Imaging Technologies</td>
</tr>
<tr>
<td>2:40</td>
<td>CRVO - Long-Term Outcomes of Anti-VEGF Therapy</td>
</tr>
<tr>
<td>2:55</td>
<td>The Next Chapter of Anti-VEGF Therapy for Exudative AMD: Sustained Delivery</td>
</tr>
</tbody>
</table>

Join us to revisit the Institute, renew acquaintances with colleagues, and learn about research being performed by Residents, Fellows, and Full-Time and Clinical Faculty.
3:05 Presentation of Awards
Bartly J. Mondino, MD

3:20 Break

Neuro-Ophthalmology
Moderators: Anthony C. Arnold, MD & Alfredo A. Sadun, MD, PhD
3:45 LHON Update & Gensight Trials Results
Alfredo A. Sadun, MD, PhD
4:00 NAION Clinical Trials Update
Peter A. Quiros, MD
4:15 Progress in OCT Use for Optic Neuropathy Diagnosis
Anthony C. Arnold, MD
4:30 Cellular Metabolism & Retinal Neuron Survival
Xian-Jie Yang, PhD
4:40 Panel Discussion
Laura Bonelli, MD & Howard R. Krauss, MD

17th Bradley R. Straatsma Lecture
4:55 Introduction
Alfredo A. Sadun, MD, PhD
5:00 17th Bradley R. Straatsma Lecture
Neuroprotection in Glaucoma: Out of the Lab, into the Clinic
Jeffrey L. Goldberg, MD, PhD
6:00 Adjourn

SATURDAY, JUNE 8, 2019
7:00 Breakfast

Cataract & Refractive Surgery
Moderators: Kenneth L. Lu, MD & Kevin M. Miller, MD
8:00 Every Fiber Cell of the Ocular Lens Has Differential Susceptibility to Cataractogenesis
Suraj Bhat, PhD

Debate 1: Which Is Better for the Correction of Myopic Astigmatism? LASIK or SMILE?
8:15 LASIK Is Better
Saba Al-Hashimi, MD
8:23 SMILE Is Better
John A. Bartlett, MD
8:31 Rebuttal: LASIK Is Better
Saba Al-Hashimi, MD
8:34 Rebuttal: SMILE Is Better
John A. Bartlett, MD
8:36 Audience Vote

Debate 2: Which Is the Better Approach to Refractive Cataract Surgery? Traditional Phacoemulsification or FLACS?
8:38 Traditional Phacoemulsification Is Better
Kenneth L. Lu, MD
8:46 FLACS Is Better
Mitra Nejad, MD
8:54 Rebuttal: Traditional Phacoemulsification Is Better
Kenneth L. Lu, MD
8:57 Rebuttal: FLACS Is Better
Mitra Nejad, MD
8:59 Audience Vote
9:00 Future of IOL Calculations
Uday Devgan, MD

50th Doheny Memorial Lecture
9:10 Introduction
John A. Irvine, MD
9:15 50th Doheny Memorial Lecture
Insights for Today & Tomorrow from Doheny’s First 50 Years
Paul P. Lee, MD
9:45 Break

Retina/Oncology
Moderators: Jean Pierre Hubschman, MD & Tara A. McCannel, MD, PhD
10:10 OCT Biomarkers for Management of Epiretinal Membranes
Jean Pierre Hubschman, MD
10:20 Retinal Vascular Biomarkers May Predict Vision Threatening Consequences of Hypertensive Retinopathy
Hamid Hasseini, MD
10:30 Viral Outbreaks: Key Learnings
Irena Tsui, MD
10:40 Towards 21st Century Research in County Hospital Setting
Pradeep Prasad, MD
10:50 Modern Melanoma Management
Tara A. McCannel, MD, PhD
11:00 Revisiting Stargardt Disease: An RPE Perspective
Roxana A. Radu, PhD
11:15 Panel Discussion

50th Jules Stein Lecture
11:20 Introduction
Bartly J. Mondino, MD
11:25 50th Jules Stein Lecture
Posterior Segment Surgery: The Spectrum of Innovation & Research
David J. Wilson, MD
11:55 Adjourn
ACCREDITATION
The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA designates this live activity for a maximum of 12.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

UCLA CONFLICT OF INTEREST DISCLOSURE
The FDA has issued a concept paper which classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced, and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, the Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. We, at UCLA, fully endorse the letter and spirit of this concept.

DIRECTIONS
Conveniently located within UCLA at the corner of Westwood Boulevard and Le Conte Avenue, the UCLA Stein Eye Institute, 100 Stein Plaza, Los Angeles, 90095 is easily accessible from all points in Southern California. It is approximately 15 miles from the Los Angeles International Airport.

From the San Diego Freeway (405)
Take Wilshire Boulevard offramp east (toward Westwood Boulevard. Turn left onto Westwood Boulevard from Wilshire. Once you pass Le Conte, you will find the UCLA Stein Eye Institute on your right, please turn in to the UCLA Stein Eye parking lot. Parking is available for $12 per day.

TAXICABS
Beverly Hills Cab Co. (310) 273-6611
Checker Cab Co. (800) 300-5007
United Independent (310) 278-2500
Yellow Cab (310) 838-2121

ACCOMMODATIONS

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Address</th>
<th>City, State Zip Code</th>
<th>Distance</th>
<th>Reservations</th>
</tr>
</thead>
<tbody>
<tr>
<td>HILGARD HOUSE</td>
<td>927 Hilgard Avenue</td>
<td>Los Angeles, CA 90024</td>
<td>Within walking distance</td>
<td>310-208-3945</td>
</tr>
<tr>
<td>HOTEL PALOMAR</td>
<td>10740 Wilshire Blvd.</td>
<td>Los Angeles, CA 90024</td>
<td></td>
<td>310-475-8711</td>
</tr>
<tr>
<td>HOTEL ANGELENO</td>
<td>170 N. Church Lane</td>
<td>Los Angeles, CA 90049</td>
<td>Complimentary shuttle to JSEI</td>
<td>310-476-6411</td>
</tr>
<tr>
<td>UCLA TIVERTON HOUSE</td>
<td>900 Tiverton Avenue</td>
<td>Los Angeles, CA 90024</td>
<td>Within walking distance</td>
<td>310-794-0151</td>
</tr>
<tr>
<td>W LOS ANGELES – WESTWOOD HOTEL</td>
<td>930 Hilgard Avenue</td>
<td>Los Angeles, CA 90024</td>
<td>Within walking distance</td>
<td>310-208-8765</td>
</tr>
<tr>
<td>UCLA LUSKIN CONFERENCE CENTER</td>
<td>425 Westwood Plaza</td>
<td>Los Angeles, CA 90095</td>
<td>Within walking distance</td>
<td>855-522-8252</td>
</tr>
</tbody>
</table>
REGISTRATION

UCLA Department of Ophthalmology Annual Seminar
June 7–8, 2019

Name ___________________________________________________________

Degree _______________________________________________________

Address ______________________________________________________

City __________________________ State____ Zip _______________

Telephone __________________________ Fax ______________________

E-Mail _______________________________________________________

Last four digits of Social Security Number.

X X X – X X – ___ ___ ___ ___

Registration Fees:
$75 Non-UCLA
$25 UCLA Stein Eye Faculty and Doheny Faculty
Registration fee includes instructional materials, continental breakfast, lunch and break snacks

To register by phone, please contact the UCLA CME Office at (310) 794-2620. To register online, please register through www.cme.ucla.edu, go to “full listing of courses” and click on “UCLA Department of Ophthalmology Annual Seminar”.

Please make checks payable to UC Regents or pay by credit card

☐ MasterCard ☐ Visa ☐ American Express ☐ Discover

__________________________
Card Holder’s Name

__________________________
Card Number

__________________________
Expiration Date

__________________________
Signature

Cancellation Policy:
Due to the low enrollment fee, no refunds will be given for this conference.
www.cme.ucla.edu
The UCLA Department of Ophthalmology Annual Seminar is designed as an update course covering current clinical and research aspects of each of the ophthalmic subspecialties. The 1.5 day program includes the full-time faculties of both the Stein Eye Institute and the Doheny Eye Institute, along with nationally prominent invited lecturers. The sessions will address current best practices in management, advanced surgical techniques, latest diagnostic technology, and translational research, in multiple educational formats, including didactic lecture, panel discussion, and case-based interactive presentations.

GOALS & OBJECTIVES
At the completion of this course, participants should be able to:

- Differentiate management of optic neuritis in children from that in adults
- Explain the advantages of partial thickness corneal transplants over full thickness techniques
- Describe the fluorescein angiographic findings in exudative age-related macular degeneration and how they guide therapy for new visual loss
- List steps to improve visual outcome after cataract surgery

TARGET AUDIENCE:
This course is designed for ophthalmologists, optometrists, vision scientists, and other healthcare practitioners whose practice includes care of patients with ophthalmic disease.

MEETING HIGHLIGHTS

50th Doheny Memorial Lecturer
Paul P. Lee, MD, JD
F. Bruce Fralick Professor & Chair
Department of Ophthalmology & Visual Sciences
University of Michigan
Director, W.K. Kellogg Eye Center

50th Jules Stein Lecturer
David J. Wilson, MD
Paul H. Casey Chair
Department of Ophthalmology
Director, Casey Eye Institute
Oregon Health & Science University

17th Bradley R. Straatsma Lecturer
Jeffrey L. Goldberg, MD, PhD
Professor & Chair of Ophthalmology
Byers Eye Institute at Stanford University

17th Thomas H. Pettit Lecturer
Yvonne Ou, MD
Associate Professor of Ophthalmology
Vice Chair for Postgraduate Education
Co-Director, Glaucoma Service
Department of Ophthalmology
University of California, San Francisco

17th Jules Stein Lecturer
David J. Wilson, MD
Paul H. Casey Chair
Department of Ophthalmology
Director, Casey Eye Institute
Oregon Health & Science University

17th Thomas H. Pettit Lecturer
Yvonne Ou, MD
Associate Professor of Ophthalmology
Vice Chair for Postgraduate Education
Co-Director, Glaucoma Service
Department of Ophthalmology
University of California, San Francisco
Join us to revisit the Institute, renew acquaintances with colleagues, and learn about research being performed by Residents, Fellows, and Full-Time and Clinical Faculty.

**FACULTY**

**Course Co-Chairs**

Anthony C. Arnold, MD  
*Vice Chair for Education*

John A. Irvine, MD  
*Medical Director*  
*Doheny Eye Center – UCLA*

**UCLA Stein Eye Institute and Doheny Eye Institute Faculty**

Saba Al-Hashimi, MD  
Anthony J. Aldave, MD  
John D. Bartlett, MD  
Benjamin B. Bert, MD  
Suraj Bhat, PhD  
Laura Bonelli, MD  
Joseph Caprioli, MD  
Joseph L. Demer, MD, PhD  
Sophie X. Deng, MD, PhD  
Brian A. Francis, MD  
Simon Fung, MD  
Michael B. Gorin, MD, PhD  
Gary N. Holland, MD  
Hamid Hosseini, MD  
Hugo Y. Hsu, MD  
Jean Pierre Hubbschman, MD  
Michael S. Ip, MD  
Howard R. Krauss, MD  
Jacky Kwong, PhD  
Olivia Lee, MD  
Christopher Lo, MD  

Kenneth L. Lu, MD  
Colin A. McCannel, MD  
Tara A. McCannel, MD, PhD  
Kevin M. Miller, MD  
Bartly J. Mondino, MD  
*Clinical Chair*  
*Chair, Department of Ophthalmology*  
*Director, UCLA Stein Eye Institute*  
*Affiliation Chair, Doheny Eye Institute*

Mitra Nejad, MD  
Kourosh Nouri-Mahdavi, MD, MS  
Steven Nusinowitz, PhD  
Stacy L. Pineles, MD  
Pradeep S. Prasad, MD  
Peter A. Quiros, MD  
Roxana A. Radu, PhD  
Daniel B. Rootman, MD  
Srinivas R. Sadda, MD  
Alfredo A. Sadun, MD, PhD  
*Vice Chair for Doheny Eye Centers*

Soh Youn Suh, MD, MS  
James C. Tan, MD, PhD  
Irena Tsui, MD  
Shoaib Ugradar, MD  
David S. Williams, PhD  
Xian-Jie Yang, PhD

**Guest Faculty**

Uday Devgan, MD  
*Devgan Eye Surgery*  
Claudia Perez-Straziota, MD  
*Cornea Eye Institute*
UCLA Department of Ophthalmology
Annual Seminar

June 7-8, 2019
UCLA Stein Eye Institute
RPB Auditorium

Register Today!
Enroll now by mail, fax, phone or online.