49th Doheny Memorial Lecturer
Stephen D. McLeod, MD
Professor & Chair
Department of Ophthalmology
University of California, San Francisco

49th Jules Stein Lecturer
Carol L. Shields, MD
Professor & Director
Ocular Oncology Service
Wills Eye Hospital

16th Bradley R. Straatsma Lecturer
Vinit B. Mahajan, MD, PhD
Associate Professor of Ophthalmology
Stanford University

16th Thomas H. Pettit Lecturer
David S. Rootman, MD
Professor of Ophthalmology & Visual Sciences
University of Toronto
FRIDAY, JUNE 8, 2018

7:45  Welcome  
Bartly J. Mondino, MD  

**Neuro-Ophthalmology**  
Moderators: Anthony C. Arnold, MD and Alfredo A. Sadun, MD, PhD

8:00  Treatment of Leber Hereditary Optic Neuropathy: Gene Therapy vs Idebenone  
Alfredo A. Sadun, MD, PhD

8:15  Analysis of Methods of Prognostication of Vision Outcomes in Skull Base Tumor Patients  
Howard R. Krauss, MD

8:30  Neuromyelitis Optica vs Multiple Sclerosis: Critical Distinctions  
Anthony C. Arnold, MD

8:45  Panel Discussion  
Panel: Anthony C. Arnold, MD, Alfredo A. Sadun, MD, PhD, Howard R. Krauss, MD and Laura Bonelli, MD

**Orbital & Ophthalmic Plastic Surgery**  
Moderator: Daniel B. Rootman, MD

9:00  Maximal Orbital Decompression with Wide Dural Exposure  
Deepak Ramesh, MD

9:10  Clinical Associations of Dry Eye Symptomatology in Thyroid Eye Disease – Mechanical and Inflammatory Mechanisms  
Christopher Lo, MD

9:20  Staging and Grading of Thyroid Eye Disease  
Daniel B. Rootman, MD

9:30  Current Thoughts on Correcting Congenital Ptosis  
Jonathan W. Kim, MD

9:50  Question and Answer

10:00  Break

**Cataract & Refractive Surgery**  
Moderators: Kevin M. Miller, MD and Kenneth L. Lu, MD

10:30  Cataractogenesis: One Fiber at a Time  
Suraj Bhat, PhD

10:42  Anterior Segment Surgery: Cases and Discussion  
Panel: John D. Bartlett, MD, D. Michael Colvard, MD, Kenneth L. Lu, MD and Barry S. Seibel, MD

11:20  My Father’s Contributions to the Field of Ophthalmology  
Timothy D. Milauskas

**49th Doheny Memorial Lecture**

11:30  Introduction  
John A. Irvine, MD

11:35  49th Doheny Memorial Lecture  
Bigger or Better: Which Data Are Best?  
Stephen D. McLeod, MD

12:05  Lunch

**Pediatric Ophthalmology & Strabismus**  
Moderators: Sherwin J. Isenberg, MD and Stacy L. Pineles, MD

1:00  OCT-Angiography in Strabismus  
Federico G. Velez, MD

1:12  Functional Consequences of Adult Strabismus  
Stacy L. Pineles, MD

1:24  Pediatric Ocular Surface Disease  
Simon Fung, MD

1:36  The Povidone Iodine Story  
Sherwin J. Isenberg, MD

**Glaucoma**  
Moderators: Joseph Caprioli, MD and Brian A. Francis, MD

2:00  Conventional Outflow Assessment and Trabecular Minimally Invasive Glaucoma Surgeries  
Alex A. Huang, MD, PhD

2:15  Uveoscleral Shunts for Glaucoma  
Simon K. Law, MD

2:30  Neuroprotective Effect of Celastrol in Experimental Glaucoma  
Natif Piri, PhD

2:45  Practical Use of OCT for Glaucoma  
Brian A. Francis, MD, MS

3:00  Update on Pediatric Glaucoma Surgery  
JoAnn A. Giaconi, MD

3:15  Presentation of Awards  
Bartly J. Mondino, MD

3:30  Break
Retina/Oncology
Moderators: Steven D. Schwartz, MD and Tara A. McCannel, MD, PhD

4:00 Retinal Remodeling and the Capacity for Functional Recovery Following Photoreceptor Degeneration
Alapakkam P. Sampath, PhD

Irena Tsui, MD

4:24 Collaborative Ophthalmic Surgery: Robotic Approaches
Jean Pierre Hubschman, MD

4:36 Novel Strategies for Diabetic Retinopathy Screening
Pradeep S. Prasad, MD

4:48 Intraocular Lymphoma: Diagnosis and Management in 2018
Colin A. McCannel, MD

5:00 Improving Outcomes with Early Detection and Treatment of Uveal Melanoma
Tara A. McCannel, MD, PhD

5:12 Question and Answer

49th Jules Stein Lecture

5:15 Introduction
Bartly J. Mondino, MD

5:20 49th Jules Stein Lecture
Carol L. Shields, MD

Ocular Oncology: A Footprint into the Future

SATURDAY, JUNE 9, 2018

Cornea/External Disease & Uveitis: Pediatric Disorders
Moderators: Anthony J. Aldave, MD and Hugo Y. Hsu, MD

8:00 Introduction
Anthony J. Aldave, MD

8:02 Keratoplasty in the Pediatric Population: Tips and Techniques
Simon Fung, MD

8:12 Corneal Collagen Crosslinking in Pediatric Keratoconus: Treatment Indications and Outcomes
Ronald N. Gaster, MD

8:22 Chronic Anterior Uveitis in Children: What the Comprehensive Ophthalmologist and Cornea Specialist Should Know
Gary N. Holland, MD

8:32 Conjunctival Lesions in the Pediatric Population: When to Watch and When to Treat
Sophie X. Deng, MD, PhD

8:42 Glaucoma Following Pediatric Keratoplasty
Bibiana J. Reiser, MD

8:52 HSV Keratitis in the Pediatric Population
Benjamin B. Bert, MD

9:02 Panel Discussion
Panel: Simon Fung, MD, Ronald N. Gaster, MD, Gary N. Holland, MD, Sophie X. Deng, MD, PhD, Bibiana J. Reiser, MD and Benjamin B. Bert, MD

16th Thomas H. Pettit Lecture

9:15 Introduction
Anthony J. Aldave, MD

9:20 16th Thomas H. Pettit Lecture
David S. Rootman, MD

30 Years of Corneal Transplantation. Are We at the 20/20 Transplant Yet?

9:50 Break

Retinal Disorders & Ophthalmic Genetics
Moderators: Michael B. Gorin, MD, PhD and Michael S. Ip, MD

10:15 Update on the Treatment of Proliferative Vitreoretinopathy
M. Ali Khan, MD

10:30 Update on the Management of Geographic Atrophy
Michael S. Ip, MD

10:45 Enhanced Retinal Ganglion Cell Production from Human Stem Cell-Derived 3D Retinal Organoid Cultures
Xianjie Yang, PhD

11:00 Assessing Disease Progression for Clinical Trials of Hereditary Retinal Disorders
Michael B. Gorin, MD, PhD

11:15 3D Volumetric Analysis of PED Progression in Neovascular AMD Using OCT Angiography
Adrian Au, MD

16th Bradley R. Straatsma Lecture

11:30 Introduction
Alapakkam P. Sampath, PhD

11:35 16th Bradley R. Straatsma Lecture
Vinit B. Mahajan, MD, PhD

Personalized Proteomics Guide Diagnosis and Therapy of Eye Disease

12:05 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 11.25 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 off ramp 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
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Los Angeles, CA 90095
Within walking distance
Reservations: 855-522-8252
UCLA Department of Ophthalmology
Annual Seminar
June 8–9, 2018

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Registration Fees:
$75 Non-UCLA
$25 UCLA Stein Eye Faculty and Doheny Faculty
$25 UCLA Residents and Fellows
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”.

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Cancellation Policy:
Due to the low enrollment fee, no refunds will be given for this conference.
www.cme.ucla.edu
MEETING HIGHLIGHTS

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COURSE DESCRIPTION

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 diagnosis and management of the optic neuritis of neuromyelitis optica from that of multiple sclerosis

• Interpret the latest ocular coherence tomography techniques in the management of primary open angle glaucoma

• Provide the rationale for the use of immunotherapeutic agents for thyroid eye disease

• Order the appropriate ancillary diagnostic tests available for early diagnosis of choroidal melanoma

TARGET AUDIENCE:

This course is designed for ophthalmologists, optometrists, vision scientists, and other healthcare practitioners whose practice includes care of patients with ophthalmic disease.
Join us to revisit the Institute, renew acquaintances with colleagues, and learn about research being performed by Residents, Fellows, Full-Time and Clinical Faculty.

**FACULTY**

### Course Co-Chairs

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<td>Anthony C. Arnold, MD</td>
<td>Vice Chair for Education</td>
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**UCLA Stein Eye Institute and Doheny Eye Institute Faculty**

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**UCLA Fellow in Ophthalmic Plastic and Orbital Surgery**

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<td>Deepak Ramesh, MD</td>
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**UCLA Fellow in Retinal Diseases and Ophthalmic Genetics**

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<td>Adrian Au, MD</td>
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**Guest Faculty**

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<td>Children's Hospital Los Angeles</td>
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UCLA Department of Ophthalmology
Annual Seminar

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