



David Geffen
School of Medicine

UCLA Department of Ophthalmology Annual Seminar

June 8-9, 2018

UCLA Stein Eye Institute • RPB Auditorium



UCLA Stein Eye Institute



Doheny Eye Institute

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



DAVID GEFFEN SCHOOL OF MEDICINE of UCLA

Join us to revisit the Institute, renew acquaintances with colleagues, and learn about research being performed by Residents, Fellows, Full-Time and Clinical Faculty

MEETING HIGHLIGHTS

49th Doheny Memorial Lecturer
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Sciences
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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.

FACULTY

Course Co-Chairs

Anthony C. Arnold, MD
Vice Chair for Education
John A. Irvine, MD

UCLA Stein Eye Institute and Doheny Eye Institute Faculty

Anthony J. Aldave, MD
John D. Bartlett, MD
Benjamin B. Bert, MD
Suraj Bhat, PhD
Laura Bonelli, MD
Joseph Caprioli, MD
Sophie X. Deng, MD, PhD
Brian A. Francis, MD
Simon Fung, MD
JoAnn A. Giaconi, MD
Michael B. Gorin, MD, PhD
Gary N. Holland, MD
Hugo Y. Hsu, MD
Alex A. Huang, MD, PhD
Jean Pierre Hubschman, MD
Michael S. Ip, MD
Sherwin J. Isenberg, MD
M. Ali Khan, MD
Howard R. Krauss, MD
Simon K. Law, 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
*Chair, Department of Ophthalmology
Director, UCLA Stein Eye Institute*
Stacy L. Pineles, MD
Natik Piri, PhD
Pradeep S. Prasad, MD
Daniel B. Rootman, MD
Alfredo A. Sadun, MD, PhD
Vice Chair for Doheny Eye Centers
Alapakkam P. Sampath, PhD
Associate Director for Research
Steven D. Schwartz, MD
Irena Tsui, MD
Federico G. Velez, MD
Xianjie Yang, PhD

UCLA Fellow in Ophthalmic Plastic and Orbital Surgery

Deepak Ramesh, MD

UCLA Fellow in Retinal Diseases and Ophthalmic Genetics

Adrian Au, MD

Guest Faculty

D. Michael Colvard, MD
Colvard Eye Center
Ronald N. Gaster, MD
Gaster Eye Center
Jonathan W. Kim, MD
Children's Hospital Los Angeles
Timothy D. Milauskas
Bibiana J. Reiser, MD
Children's Hospital Los Angeles
Barry S. Seibel, MD
Seibel Vision Surgery



FRIDAY, JUNE 8, 2018

7:45	Welcome	<i>Bartly J. Mondino, MD</i>
Neuro-Ophthalmology		
Moderators: <i>Anthony C. Arnold, MD and Alfredo A. Sadun, MD, PhD</i>		
8:00	Treatment of Leber Hereditary Optic Neuropathy: Gene Therapy vs Idebenone	<i>Alfredo A. Sadun, MD, PhD</i>
8:15	Analysis of Methods of Prognostication of Vision Outcomes in Skull Base Tumor Patients	<i>Howard R. Krauss, MD</i>
8:30	Neuromyelitis Optica vs Multiple Sclerosis: Critical Distinctions	<i>Anthony C. Arnold, MD</i>
8:45	Panel Discussion <i>Panel: Anthony C. Arnold, MD, Alfredo A. Sadun, MD, PhD, Howard R. Krauss, MD and Laura Bonelli, MD</i>	

Orbital & Ophthalmic Plastic Surgery

Moderator: *Daniel B. Rootman, MD*

9:00	Maximal Orbital Decompression with Wide Dural Exposure	<i>Deepak Ramesh, MD</i>
9:10	Clinical Associations of Dry Eye Symptomatology in Thyroid Eye Disease – Mechanical and Inflammatory Mechanisms	<i>Christopher Lo, MD</i>
9:20	Staging and Grading of Thyroid Eye Disease	<i>Daniel B. Rootman, MD</i>
9:30	Current Thoughts on Correcting Congenital Ptosis	<i>Jonathan W. Kim, MD</i>
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	<i>Suraj Bhat, PhD</i>
10:42	Anterior Segment Surgery: Cases and Discussion <i>Panel: John D. Bartlett, MD, D. Michael Colvard, MD, Kenneth L. Lu, MD and Barry S. Seibel, MD</i>	
11:20	My Father's Contributions to the Field of Ophthalmology	<i>Timothy D. Milauskas</i>

49th Doheny Memorial Lecture

11:30	Introduction	<i>John A. Irvine, MD</i>
11:35	49th Doheny Memorial Lecture Bigger or Better: Which Data Are Best?	<i>Stephen D. McLeod, MD</i>
12:05	Lunch	

Pediatric Ophthalmology & Strabismus

Moderators: *Sherwin J. Isenberg, MD and Stacy L. Pineles, MD*

1:00	OCT-Angiography in Strabismus	<i>Federico G. Velez, MD</i>
1:12	Functional Consequences of Adult Strabismus	<i>Stacy L. Pineles, MD</i>
1:24	Pediatric Ocular Surface Disease	<i>Simon Fung, MD</i>
1:36	The Povidone Iodine Story	<i>Sherwin J. Isenberg, MD</i>

Glaucoma

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

2:00	Conventional Outflow Assessment and Trabecular Minimally Invasive Glaucoma Surgeries	<i>Alex A. Huang, MD, PhD</i>
2:15	Uveoscleral Shunts for Glaucoma	<i>Simon K. Law, MD</i>
2:30	Neuroprotective Effect of Celastrol in Experimental Glaucoma	<i>Natik Piri, PhD</i>
2:45	Practical Use of OCT for Glaucoma	<i>Brian A. Francis, MD, MS</i>
3:00	Update on Pediatric Glaucoma Surgery	<i>JoAnn A. Giaconi, MD</i>
3:15	Presentation of Awards	<i>Bartly J. Mondino, MD</i>
3:30	Break	

UCLA Department of Ophthalmology Annual Seminar

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	<i>Alapakkam P. Sampath, PhD</i>
4:12	Mosquito-Borne Retinal Diseases and the Brazilian Zika Virus Epidemic of 2015-2016	<i>Irena Tsui, MD</i>
4:24	Collaborative Ophthalmic Surgery: Robotic Approaches	<i>Jean Pierre Hubschman, MD</i>
4:36	Novel Strategies for Diabetic Retinopathy Screening	<i>Pradeep S. Prasad, MD</i>
4:48	Intraocular Lymphoma: Diagnosis and Management in 2018	<i>Colin A. McCannel, MD</i>
5:00	Improving Outcomes with Early Detection and Treatment of Uveal Melanoma	<i>Tara A. McCannel, MD, PhD</i>
5:12	Question and Answer	

49th Jules Stein Lecture

5:15	Introduction	<i>Bartly J. Mondino, MD</i>
5:20	49th Jules Stein Lecture Ocular Oncology: A Footprint into the Future	<i>Carol L. Shields, MD</i>

SATURDAY, JUNE 9, 2018

Cornea/External Disease & Uveitis: Pediatric Disorders

Moderators: *Anthony J. Aldave, MD and Hugo Y. Hsu, MD*

8:00	Introduction	<i>Anthony J. Aldave, MD</i>
8:02	Keratoplasty in the Pediatric Population: Tips and Techniques	<i>Simon Fung, MD</i>
8:12	Corneal Collagen Crosslinking in Pediatric Keratoconus: Treatment Indications and Outcomes	<i>Ronald N. Gaster, MD</i>
8:22	Chronic Anterior Uveitis in Children: What the Comprehensive Ophthalmologist and Cornea Specialist Should Know	<i>Gary N. Holland, MD</i>
8:32	Conjunctival Lesions in the Pediatric Population: When to Watch and When to Treat	<i>Sophie X. Deng, MD, PhD</i>
8:42	Glaucoma Following Pediatric Keratoplasty	<i>Bibiana J. Reiser, MD</i>
8:52	HSV Keratitis in the Pediatric Population	<i>Benjamin B. Bert, MD</i>
9:02	Panel Discussion <i>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</i>	

16th Thomas H. Pettit Lecture

9:15	Introduction	<i>Anthony J. Aldave, MD</i>
9:20	16th Thomas H. Pettit Lecture 30 Years of Corneal Transplantation. Are We at the 20/20 Transplant Yet?	<i>David S. Rootman, MD</i>
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	<i>M. Ali Khan, MD</i>
10:30	Update on the Management of Geographic Atrophy	<i>Michael S. Ip, MD</i>
10:45	Enhanced Retinal Ganglion Cell Production from Human Stem Cell-Derived 3D Retinal Organoid Cultures	<i>Xianjie Yang, PhD</i>
11:00	Assessing Disease Progression for Clinical Trials of Hereditary Retinal Disorders	<i>Michael B. Gorin, MD, PhD</i>
11:15	3D Volumetric Analysis of PED Progression in Neovascular AMD Using OCT Angiography	<i>Adrian Au, MD</i>

16th Bradley R. Straatsma Lecture

11:30	Introduction	<i>Alapakkam P. Sampath, PhD</i>
11:35	16th Bradley R. Straatsma Lecture Personalized Proteomics Guide Diagnosis and Therapy of Eye Disease	<i>Vinit B. Mahajan, MD, PhD</i>
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 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

HILGARD HOUSE

927 Hilgard Avenue

Los Angeles, California, 90024

Within walking distance

Reservations: 310-208-3945

HOTEL PALOMAR

10740 Wilshire Blvd.

Los Angeles, California 90024

Complimentary shuttle to JSEI

Reservations: 310-475-8711

HOTEL ANGELENO

170 N. Church Lane

Los Angeles, California, 90049

Complimentary shuttle to JSEI

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900 Tiverton Avenue

Los Angeles, CA 90024

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Reservations: 310-794-0151

W LOS ANGELES – WESTWOOD HOTEL

930 Hilgard Avenue

Los Angeles, California, 90024

Within walking distance

Reservations: 310-208-8765

UCLA LUSKIN CONFERENCE CENTER

425 Westwood Plaza

Los Angeles, CA 90095

Within walking distance

Reservations: 855-522-8252

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Degree _____

Address _____

City _____ State _____ Zip _____

Telephone _____ Fax _____

E-Mail _____

Last four digits of Social Security Number.

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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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Signature**Cancellation Policy:**

Due to the low enrollment fee, no refunds will be given for this conference.
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