UCLA Department of Ophthalmology Annual Seminar
June 11, 2021
A Live Virtual Program

51st Doheny Memorial Lecturer
Jennifer I. Lim, MD
Marion H. Schenk Esq. Chair and Professor of Ophthalmology
Director of Retina Service
Vice-Chair for Diversity and Inclusion
University of Illinois at Chicago

51st Jules Stein Lecturer
Emily Y. Chew, MD
Director of Division of Epidemiology and Clinical Applications,
National Eye Institute/National Institutes of Health

18th Bradley R. Straatsma Lecturer
Adnan Tufail, MD
Professor, University of College London
Consultant Ophthalmologist
Moorfields Eye Hospital, London Claremont Clinic

18th Thomas H. Pettit Lecturer
John G. Ladas, MD, PhD
Surgeon/Director, Maryland Eye Consultants and Surgeons
Asst. Professor of Ophthalmology, Wilmer Eye Institute
Founder, Advanced Euclidean Solutions
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<th>Time</th>
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<tr>
<td>7:45</td>
<td>Welcome</td>
<td>Bartly J. Mondino, MD</td>
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<td>8:00-9:00</td>
<td>Cornea/External Disease &amp; Uveitis</td>
<td>Anthony J. Aldave, MD and Hugo Y. Hsu, MD</td>
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<td>8:00</td>
<td>Introduction</td>
<td>Anthony J. Aldave, MD and Hugo Y. Hsu, MD</td>
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<td>8:02</td>
<td>Applications of corneal topography and tomography in an anterior segment practice</td>
<td>Benjamin Bert, MD</td>
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<td>8:12</td>
<td>Advances in screening for keratoconus</td>
<td>Saba Al-Hashimi, MD</td>
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<td>8:22</td>
<td>In vivo confocal microscopy for diagnosing and staging limbal stem cell deficiency</td>
<td>Sophie X. Deng, MD, PhD</td>
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<td>8:32</td>
<td>Advances in the assessment of anterior segment inflammation</td>
<td>Edmund Tsui, MD</td>
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<td>8:42</td>
<td>The use of anterior segment OCT in preoperative planning and the diagnosis and management of postoperative complications</td>
<td>Anthony J. Aldave, MD</td>
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<td>8:52</td>
<td>Discussion</td>
<td>Anthony J. Aldave, MD and Hugo Y. Hsu, MD</td>
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<td>9:00-9:40</td>
<td>18th Bradley R. Straatsma Lecture</td>
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<td>9:00</td>
<td>Introduction</td>
<td>Gary N. Holland, MD</td>
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<td>9:05</td>
<td>18th Bradley R. Straatsma Lecture: The power of Big Data</td>
<td>Adnan Tufail, MD</td>
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<td>9:35</td>
<td>Discussion</td>
<td>Gary N. Holland, MD</td>
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<td>9:40</td>
<td>Break</td>
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<td>10:00-11:00</td>
<td>Retina [Moderator: Steven D. Schwartz, MD]</td>
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<td>10:00</td>
<td>Regeneration of visual pigments is driven by light</td>
<td>Gabriel Travis, MD, PhD</td>
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<td>10:09</td>
<td>The future of intraocular tumor therapy</td>
<td>Tara A. McCannel, MD, PhD</td>
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<td>10:18</td>
<td>Robotics for ophthalmic surgery</td>
<td>JP Hubschman, MD</td>
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<td>10:27</td>
<td>Advances in therapy for retinopathy of prematurity</td>
<td>Irena Tsui, MD</td>
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<td>10:36</td>
<td>Revolutionizing County Care/ Serving the Underserved</td>
<td>Pradeep Prasad, MD</td>
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<td>10:45</td>
<td>Artificial intelligence for retinal diagnosis</td>
<td>Hamid Hosseini, MD</td>
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<td>10:54</td>
<td>Discussion</td>
<td>Steven D. Schwartz, MD</td>
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<td>11:00-11:40</td>
<td>51st Doheny Memorial Lecture</td>
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<td>Introduction</td>
<td>John A. Irvine, MD</td>
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<td>11:05</td>
<td>51st Doheny Memorial Lecture: Sickle Cell Retinopathy: Discoveries and Management with Ocular Imaging</td>
<td>Jennifer I. Lim, MD</td>
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<td>11:35</td>
<td>Discussion</td>
<td>John A. Irvine, MD</td>
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<td>11:40</td>
<td>Chair’s Perspective</td>
<td>Bartly J. Mondino, MD</td>
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<td>11:50</td>
<td>Presentation of Awards</td>
<td>Bartly J. Mondino, MD</td>
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<td>12:00</td>
<td>Lunch</td>
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1:00-2:00  Cataract & Refractive Surgery  
[Moderators: John D. Bartlett, MD & Gavin Bahadur, MD]

1:00  Initial experience with new trifocal and extended depth of focus lenses at UCLA (Shawn Lin, MD, MBA)

1:10  Outcomes of resident-performed LASIK at UCLA (Mitra Nejad, MD, Gloria EJ Yu, AB)

1:20  Update on intracameral antibiotics at UCLA (John D. Bartlett, MD)

1:30  SMILE: Updates and results (Mitra Nejad, MD)

1:40  Panel: Challenging cases in cataract and refractive surgery (Gavin G. Bahadur, MD, John D. Bartlett, MD, Shawn Lin, MD, MBA, Kenneth L. Lu, MD, Mitra Nejad, MD)

2:00-2:40  18th Thomas H. Pettit Lecture (John G. Ladas, MD, PhD)

2:00  Introduction (Gary N. Holland, MD)

2:05  18th Thomas H. Pettit Lecture: IOL calculation formulas: past, present and future. Connecting the dots... (John G. Ladas, MD, PhD)

2:35  Discussion (Gary N. Holland, MD)

2:40  Break

3:00-4:00  Retinal Disorders & Ophthalmic Genetics  
[Moderators: Michael B. Gorin, MD, PhD and SriniVas Sadda, MD]

3:00  New Developments in the Treatment of Diabetic Macular Edema (Michael S. Ip, MD)

3:13  Artificial intelligence for diabetic retinopathy: Implications for screening and staging (SriniVas Sadda, MD)

3:26  Activated glial cells: From Foos to Kishi to En face OCT (David Sarraf, MD)

3:39  Elevated energy requirement of cone photoreceptors: Implications for retinal dysfunction (Alapakkam P. Sampath, PhD)

3:52  Discussion (Moderators)

4:00-4:40  51st Jules Stein Lecture (Emily Y. Chew, MD)

4:00  Introduction (Bartly J. Mondino, MD)

4:05  51st Jules Stein Lecture: Age-Related Eye Disease Study (AREDS) and AREDS2. Updates on age-related macular degeneration (Emily Y. Chew, MD)

4:35  Discussion (Bartly J. Mondino, MD)

4:40  Adjourn
UCLA Department of Ophthalmology  
Annual Seminar  
June 11, 2021

To register, please visit:  
www.cme.ucla.edu/courses/ophthalmology2021

Registration Fees:
$75 Non–UCLA  
$25 UCLA Stein Eye Faculty and Doheny Faculty
Registration fee includes instructional materials

Online
To register for the seminar, please visit
You may use your MasterCard, VISA, American Express, or Discover card.

If you have questions, please contact the UCLA Office of Continuing Nursing Education at uclacme@mednet.ucla.edu or 310.794.2620.

Cancellation Policy:
Due to the low enrollment fee, no refunds will be given for this conference.
www.cme.ucla.edu
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-day program includes the full time faculties of both the Stein Eye Institute and the Doheny Eye Institute, along with nationally and internationally 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:
• Describe the new methods for assessing and grading anterior uveitis
• Summarize the results of the SCORE2 study of anti-VEGF agents for the treatment of macular edema after central retinal vein occlusion.
• Compare the risks and benefits of intraoperative intracameral versus preoperative topical antibiotics in reducing endophthalmitis

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

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 7.0 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 nonpromotional, 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, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manages all identified potential conflicts of interest prior to the program. We at UCLA fully endorse the letter and spirit of these concepts.
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  
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Jean Pierre Hubschman, MD  
Michael S. Ip, MD  
Shawn Rong Lin, MD, MBA  
Kenneth L. Lu, MD  
Tara A. McCannel, MD, PhD  
Bartly J. Mondino, MD  
Chair, Department of Ophthalmology  
Director, UCLA Stein Eye Institute  
Affiliation Chair, Doheny Eye Institute  
Mitra Nejad, MD  
Pradeep S. Prasad, MD  
Srinivas R. Sadda, MD  
David Sarraf, MD  
Steven D. Schwartz, MD  
Alapakkam P. Sampath, PhD  
Gabriel Travis, MD, PhD  
Edmund Tsui, MD  
Irena Tsui, MD  
Gloria EJ Yu, AB

Guest Faculty

Emily Y. Chew, MD  
National Eye Institute, NIH  
John Ladas, MD, PhD  
Maryland Eye Consultants & Surgeons  
Jennifer I. Lim, MD  
University of Illinois College of Medicine  
Adrian Tufail, MD  
Moorfields Eye Hospital