

# USC Department of Ophthalmology

## 45<sup>th</sup> Annual Symposium



Virtual Conference  
Saturday, June 12, 2021  
7:30 am - 4:40 pm

*Presented by:*  
*USC Roski Eye Institute*  
*USC Office of Continuing Medical Education*

Keck School of  
Medicine of **USC**

# PROGRAM

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- 7:30 am **Conference Login**
- 8:00 am **Interim Chair's Welcome**  
*J. Martin Heur, MD, PhD*
- Moderator: Mark S. Humayun, MD, PhD*
- 8:05 am **Dry AMD: What is the Pipeline?**  
*David S. Boyer, MD*
- 8:25 am **Gene Therapy for Blinding Retinal Diseases: Outcomes of Voretigene Neparvovec-rzyl in 42 Eyes**  
*Aaron Nagiel, MD, PhD*
- 8:45 am **Gene Therapy for AMD**  
*Hossein Ameri, MD, PhD*
- 9:05 am **Introduction of Laureate Awardee for 2020**  
*Mark S. Humayun, MD, PhD*
- 9:10 am **Laureate Award Lecture**  
**USC Roski Eye Institute Laureate Awardee for 2020**  
*Julia A. Haller, MD*
- 9:40 am **Laureate Award Presentation**  
*J. Martin Heur, MD, PhD*
- 9:45 am **Break**
- Moderator: J. Martin Heur, MD, PhD*
- 10:00 am **Systemic Health and Dry Eye**  
*Annie Nguyen, MD*
- 10:20 am **Introduction of Distinguished Lecturer**  
*Charles W. Flowers, Jr., MD*
- 10:25 am **Distinguished Lecturer Award Lecture**  
**DSAEK vs. DMEK, Thinner or Thinnest?**  
**USC Roski Eye Institute Distinguished Lecturer for 2020**  
*Stephen D. McLeod, MD*
- 11:05 am **Distinguished Lecturer Award Presentation**  
*J. Martin Heur, MD, PhD*
- 11:10 am **Suspicious Nerve: An Approach to Evaluating the Swollen Optic Disc**  
*Kimberly Gokoffski, MD, PhD*
- 11:30 am **Break for Lunch**

- Moderator: Aaron Nagiel, MD, PhD*
- 12:30 pm **Glaucoma Management in the Era of Artificial Intelligence**  
*Benjamin Y. Xu, MD, PhD*
- 12:50 pm **Introduction of Distinguished Alumni Award Lecturer**  
*Grace M. Richter, MD, MPH*
- 12:55 pm **Distinguished Alumni Award Lecture- Myths in Glaucoma: My Own Perspectives**  
**USC Roski Eye Institute Alumni Awardee for 2020**  
*James C. Tsai, MD, MBA*
- 1:25 pm **Which Metrics and When? Qualitative and Quantitative OCTA Metrics in Glaucoma**  
*Grace M. Richter, MD, MPH*
- 1:45 pm **Glaucoma Detection in Telemedicine**  
*Brian J. Song, MD, MPH*
- 2:05 pm **Update on Diabetic Retinopathy**  
*Andrew A. Moshfeghi, MD, MBA*
- 2:25 pm **A Use Case for Clinical Informatics in Ophthalmology: Minimizing Hydroxychloroquine Toxicity**  
*Brian Toy, MD*
- 2:45 pm **Break**
- Moderator: Andrew A. Moshfeghi, MD, MBA*
- 3:00 pm **The Role of Digital Health, Telemedicine, and AI in Ophthalmology**  
*Linda Lam, MD, MBA*
- 3:20 pm **Choroidal Melanoma: Diagnosis and Management**  
*Ramsudha Narala, MD*
- 3:40 pm **Retinoblastoma Treatment in 2021 and the Power of Empirical Evidence**  
*Jonathan W. Kim, MD*
- 4:00 pm **Longitudinal Aqueous Humor Sampling Reflects Treatment Response in Retinoblastoma Patients**  
*Jesse L. Berry, MD*
- 4:20 pm **Intersections of Oculoplastics and Dry Eye**  
*Sandy Zhang-Nunes, MD*
- 4:40 pm **Adjourn**  
*J. Martin Heur, MD, PhD*

# FACULTY

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## COURSE DIRECTOR

### Keck School of Medicine of USC

#### Andrew A. Moshfeghi, MD, MBA

Associate Professor of Clinical Ophthalmology  
Medical Director, USC Roski Eye Institute  
Director, Vitreoretinal Surgery Fellowship Program  
Department of Ophthalmology  
USC Roski Eye Institute

## USC ROSKI EYE INSTITUTE

#### Hossein Ameri, MD, PhD

Associate Professor of Clinical Ophthalmology  
Director of USC Retinal Degeneration Center

#### Jesse L. Berry, MD

Associate Professor of Ophthalmology (Clinical Scholar)  
Associate Director of Ocular Oncology  
Vice Director of the Vision Center at CHLA  
The Vision Center Children's Hospital Los Angeles

#### Charles W. Flowers, Jr., MD, FACS

Associate Professor of Clinical Ophthalmology  
Ophthalmology Residency Program Director,  
USC Roski Eye Institute/LAC+USC Medical Center

#### Kimberly Gokoffski, MD, PhD

Assistant Professor of Clinical Ophthalmology  
Associate Director, Institute for Technology and  
Medical Systems (ITEMS)

#### J. Martin Heur, MD, PhD

Professor of Clinical Ophthalmology and Interim Chair  
Charles C. Manger III, MD Chair in Corneal Laser  
Surgery  
Director, Cornea, External Disease and Refractive Surgery  
Fellowship Program

#### Mark S. Humayun, MD, PhD

Cornelius J. Pings Chair in Biomedical Sciences  
Professor of Ophthalmology, Biomedical Engineering,  
and Integrative Anatomical Sciences  
Director, USC Ginsburg Institute for Biomedical  
Therapeutics  
Co-Director, USC Roski Eye Institute

#### Jonathan W. Kim, MD

Professor of Clinical Ophthalmology  
Director of the Ocular Oncology Service  
Director of Retinoblastoma Service, CHLA  
A. Linn Murphree Chair in Retinoblastoma

#### Linda Lam, MD, MBA

Associate Professor of Clinical Ophthalmology  
Vice Chair for Satellite Clinics in the  
Department of Ophthalmology  
Medical Director, Arcadia  
Los Angeles, CA

## USC ROSKI EYE INSTITUTE

#### Aaron Nagiel, MD, PhD

Assistant Professor of Ophthalmology  
Children's Hospital Los Angeles

#### Annie Nguyen, MD

Assistant Professor  
Assistant Director of Cornea Fellowship  
Cornea, External Disease & Refractive Surgery Service  
Uveitis & Ocular Inflammation Service

#### Grace M. Richter, MD, MPH

Associate Professor of Clinical Ophthalmology  
Director, Glaucoma Fellowship Program,  
Interim Director of Glaucoma Service

#### Brian J. Song, MD, MPH

Assistant Professor of Clinical Ophthalmology

#### Brian C. Toy, MD

Assistant Professor of Clinical Ophthalmology  
Director of Clinical Informatics and Information  
Technology  
Service Chief of the Uveitis and Ocular Inflammation  
Service

#### Benjamin Y. Xu, MD, PhD

Assistant Professor of Clinical Ophthalmology  
Director of Inpatient Ophthalmology Service

#### Sandy Zhang-Nunes, MD

Assistant Professor of Clinical Ophthalmology  
Director of Oculo-Facial Plastics Services

## GUEST FACULTY

#### David S. Boyer, MD

Clinical Professor of Ophthalmology  
Senior Partner, Retina-Vitreous Associates Medical Group

#### Julia A. Haller, MD

Ophthalmologist-in-Chief  
Wills Eye Hospital  
Philadelphia, PA

#### Stephen D. McLeod, MD

Chair, UCSF Department of Ophthalmology  
Professor of Ophthalmology  
University of California San Francisco  
San Francisco, CA

#### Ramsudha Narala, MD

Vitreoretinal Surgery and Ocular Oncology  
Retina-Vitreous Associates Medical Group  
Los Angeles, CA

#### James C. Tsai, MD, MBA

President, New York Eye and Ear Infirmary  
of Mount Sinai  
Delafield-Rodgers Professor and Chair of Ophthalmology  
Icahn School of Medicine at Mount Sinai  
New York, NY

## COURSE DESCRIPTION

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This symposium will focus on providing the attendee an update on the latest aspects of ophthalmic best practices across the field, research updates regarding recently approved therapies for ophthalmic disease, and research updates regarding pipeline therapies that may soon be available.

## EDUCATIONAL OBJECTIVES

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By the end of the course, participants will be able to:

- Identify the most recent techniques in the management of ocular conditions.
- Apply current research to improve diagnosis and management of patients with a variety of ocular diseases in the general ophthalmology clinic.
- Evaluate the benefits of preventative medicine in the management of degenerative ocular disease.
- Examine the efforts used to mitigate the severity of or to regenerate the function lost due to degenerative ocular diseases.

## TARGET AUDIENCE

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This course is intended for comprehensive ophthalmologists, ophthalmic subspecialists, ophthalmology residents and fellows, optometrists and other allied health professionals.

### Accreditation Statement

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

### Credit Designation

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of *7.25 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The following may apply *AMA PRA Category 1 Credit(s)™* for license renewal: Registered Nurses may report up to 7.25 credit hour(s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number.

# REGISTRATION

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## USC Department of Ophthalmology 45<sup>th</sup> Annual Symposium: June 12, 2021 Virtual Conference

**Tuition:** Registration closes June 12, 2021 at 9:00 am PDT.

☐ MD/DO/OD: \$50

☐ NP/PA/RN/Allied Health Professionals: \$35

**Cancellation:** Cancellations must be received by the USC Office of CME (fax or email) by June 8, 2021, 12:00 pm PDT for a refund. In support of health care professionals' need for flexibility during COVID-19, cancellation fees are waived for a full refund.

In the event of course cancellation by conference organizers, all registration fees will be fully refunded.

**Location & Time:** Virtual Conference, 7:30 am-4:40 pm PDT

**Register:** Mail: 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033

Mail-in registration must be postmarked by June 8, 2021.

Online: [keckusc.cloud-cme.com/ophthalmology2021](https://keckusc.cloud-cme.com/ophthalmology2021)

Phone: (213) 220-5168 | Fax: 1 (888) 665-8650

Email: [usccme@usc.edu](mailto:usccme@usc.edu)

Registration available the morning of the conference only until 9:00 am, PDT.

Please visit [keckusc.cloud-cme.com/ophthalmology2021](https://keckusc.cloud-cme.com/ophthalmology2021) to register.

Payment will be accepted by credit card only for registration on June 12, 2021.

Name \_\_\_\_\_ Degree \_\_\_\_\_

Medical License Number (MD/RN) \_\_\_\_\_

Telephone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Specialty \_\_\_\_\_

Email Address\* \_\_\_\_\_

Institutional Affiliation \_\_\_\_\_

\* Registration confirmation and event reminder will be emailed.

## METHOD OF PAYMENT

No cash payment accepted.

☐ Credit Card (American Express, Mastercard, or Visa)

☐ Check

Payable to USC. Must be postmarked by June 8, 2021.

Credit Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_ Security Code \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Amount \$ \_\_\_\_\_

# Keck School of Medicine of USC

Office of Continuing Medical Education  
1540 Alcazar Street, CHP 223  
Los Angeles, CA 90033



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June 12, 2021

Virtual Conference

Non-Profit  
U.S. Postage  
PAID  
University  
of Southern  
California