



Saturday, June 24, 2023
USC Health Sciences Campus
Aresty Conference Center
Live Conference
7:15 am - 4:15 pm

USC Department of
Ophthalmology
47th Annual Symposium

Keck School of Medicine of **USC**

Presented By:
USC Roski Eye Institute
and USC Office of Continuing Medical Education



PROGRAM AGENDA

7:15 am **Continental Breakfast & Registration**

8:00 am **Welcome Remarks**
J. Martin Heur, MD, PhD

8:05 am **Introduction of Narsing A. Rao, MD**
Lectureship
J. Martin Heur, MD, PhD

8:10 am **Narsing A. Rao, MD Lecture:**
Dean Elliott, MD

8:40 am **Narsing A. Rao, MD Award**
Presentation
J. Martin Heur, MD, PhD

Session I: Neuro-Ophthalmology
Moderator: Jessica Chang, MD

8:45 am **Genetic Testing for Optic**
Neuropathies
Jeffrey Gluckstein, MD

9:00 am **New Research for the Treatment of**
Optic Neuropathies
Kimberly K. Gokoffski, MD, PhD

9:15 am **Artificial Intelligence for Detecting**
Papilledema
Melinda Chang, MD

9:30 am **Optical Coherence Tomography and**
Nonarteritic Anterior Ischemic Optic
Neuropathy
Anthony C. Arnold, MD

9:45 am **Panel Q&A**

10:00 am **Break**

Session II: New Innovations and Research in
Ophthalmology: Part I

Moderator: Brian J. Song, MD, MPH

10:15 am **Telemedicine, Devices, Robotics, and**
Artificial Intelligence in the
Ophthalmology Landscape
Linda Lam, MD, MBA

10:30 am **Extracellular Vesicle (EV): Emerging**
Therapeutic Opportunities
for Retinal Diseases
Sun Young Lee, MD, PhD

10:45 am **Restoring Sight Using Retinal**
Implants
Mark S. Humayun, MD, PhD

11:00 am **Introduction of Laureate Award**
Brian J. Song, MD, MPH

11:05 am **Laureate Award Lecture**
Malvina Eydelman, MD

11:35 am **Presentation of Laureate Award**
J. Martin Heur, MD, PhD and
Mark S. Humayun, MD, PhD

11:40 am **Panel: Q&A**

11:55 am **Lunch**

Session III: Cornea, Cataract,
and Refractive Surgery

Moderator: J. Martin Heur, MD, PhD

12:45 pm **Update on the Management of**
Persistent Corneal Epithelial Defects
and Neurotrophic Keratopathy
Charles W. Flowers, Jr., MD

1:00 pm **Unique Applications of Scleral**
Contact Lenses
Gloria Chiu, OD

1:15 pm **Updates in Corneal Crosslinking**
Kristina Voss, MD

1:30 pm **Update on Presbyopia-Correcting**
IOLs
Annie Nguyen, MD

1:45 pm **Introduction of Distinguished**
Alumnus
J. Martin Heur, MD, PhD

1:50 pm **Distinguished Alumni Lecture**
Roy S. Chuck, MD, PhD

2:20 pm **Presentation of Distinguished**
Alumni Lecture Award
J. Martin Heur, MD, PhD

2:25 pm **Panel Q&A**

2:40 pm **Break**

Session IV: New Innovations and Research in
Ophthalmology: Part II

Moderator: Benjamin Xu, MD, PhD

2:55 pm **Ocular Adhesive Therapy for Treatment**
of Corneal Lacerations
John Whalen, PhD

3:10 pm **Phototherapeutic Intravitreal**
Chandelier for Retinal Ischemia
Juan Carlos Martinez Camarillo, MD

3:25 pm **Stem Cell Based Therapies for Outer**
Retinal Degenerations: A Phase I
Clinical Trial
Rodrigo Antonio Brant Fernandes, MD, PhD

3:40 pm **Gene Therapy Clinical Trials in**
Ophthalmology
Hossein Ameri, MD, PhD

3:55 pm **Panel Q&A**

4:10 pm **Closing Remarks**
J. Martin Heur, MD, PhD

4:15 pm **Adjourn**

FACULTY

COURSE DIRECTOR

Brian J. Song, MD, MPH, FACS

Assistant Professor of Clinical Ophthalmology
Director of Education
Ophthalmology Residency Program Director
Associate Glaucoma Fellowship Director
Department of Ophthalmology
Glaucoma Division
Keck School of Medicine of USC

GUEST FACULTY

Anthony C. Arnold, MD

Professor of Clinical Ophthalmology
Chief, Neuro-Ophthalmology
Director, Optic Neuropathy Center
UCLA Stein Eye Institute
Los Angeles, CA

Roy S. Chuck, MD, PhD

Paul Henkind Chair and University Professor
Department of Ophthalmology and Visual Sciences
Albert Einstein College of Medicine
Montefiore Medical Center
Bronx, NY

Dean Elliott, MD

Stelios Evangelos Gragoudas Professor of Ophthalmology
Harvard Medical School
Director Emeritus, Retina Service
Director, Vitreoretinal Fellowship
Massachusetts Eye and Ear
Boston, MA

Malvina Eydelman, MD

Director at the Office of Health
Technology, Ophthalmic, Anesthesia,
Respiratory, ENT & Dental Devices
Office of Product Evaluation and
Quality, Food and Drug Administration
Silver Spring, MD

USC ROSKI EYE INSTITUTE KECK SCHOOL OF MEDICINE FACULTY

Hossein Ameri, MD, PhD

Associate Professor of Clinical Ophthalmology
Director, USC Retinal Degeneration Center

Jessica Chang, MD

Clinical Assistant Professor of Ophthalmology
Director, Medical Student Education
for the Dept of Ophthalmology

Melinda Chang, MD

Assistant Professor of Clinical Ophthalmology

Gloria Chiu, OD, FAAO, FSLs

Associate Professor of Clinical Ophthalmology
Adjunct Faculty at Southern California
College of Optometry

Rodrigo Antonio Brant Fernandes, MD, PhD

Associate Professor of Clinical Ophthalmology
Retinal Disease and Vitreoretinal Surgery

Charles W. Flowers, Jr., MD, FACS

Associate Professor of Clinical Ophthalmology

Jeffrey Gluckstein, MD

Assistant Professor of Clinical Ophthalmology

Kimberly K. Gokoffski, MD, PhD

Assistant Professor of Clinical Ophthalmology
Acting Chief, Neuro-Ophthalmology Service
Director of Neuro-Ophthalmology Fellowship
Adult and Pediatric Neuro-Ophthalmology
and Strabismus Surgery

J. Martin Heur, MD, PhD

Professor 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

Linda Lam, MD, MBA

Professor of Clinical Ophthalmology
Vice Chair of Satellite Clinical Affairs
Director, USC Roski Eye Institute Arcadia

Sun Young Lee, MD, PhD

Assistant Professor of Clinical Ophthalmology
and Physiology & Neuroscience
Retinal Disease and Vitreoretinal Surgery

Juan Carlos Martinez Camarillo, MD

Associate Professor of Clinical Ophthalmology
Director, Translational Research
In Vivo Core

Annie Nguyen, MD

Assistant Professor of Clinical Ophthalmology
Associate Program Director, Ophthalmology Residency
Associate Program Director, Cornea Fellowship
Director, Ophthalmology Surgical Operations

Kristina Voss, MD

Assistant Professor of Clinical Ophthalmology

John Whalen, PhD

Assistant Professor of Research Ophthalmology

Benjamin Y. Xu, MD, PhD

Assistant Professor of Clinical Ophthalmology
Acting Chief, Glaucoma Service
Director, Ophthalmology Inpatient Consult Service
Director, Glaucoma Fellowship Program

COURSE DESCRIPTION

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

COURSE OBJECTIVES

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

- Identify and discuss 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 preventive 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 disease.

TARGET AUDIENCE

This course is intended for the comprehensive ophthalmologist, ophthalmic sub specialties, ophthalmology residents and fellows and optometrists.

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 *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 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.

Physician Assistants: The National Commission on Certification of Physician Assistants states that *AMA PRA Category 1 Credits™* accredited courses are acceptable CME requirements for recertification.

REGISTRATION FORM

USC Department of Ophthalmology 47th Annual Symposium

Live Conference - June 24, 2023

Live Early-Bird Registration: Closes June 20, 2023 at 12:00 pm PDT

Tuition: Live Attendance

☐ \$125 MD/DO/OD ☐ \$100 NP/PA/APP ☐ \$100 RN/AH

On-Site Registration: June 24, 2023 at 7:15 am

\$150 MD/DO/OD \$125 NP/PA/APP \$125 RN/AH

Cancellation: Cancellations must be received by the USC Office of CME (fax or email) by June 20, 12:00 pm PDT for a refund. A \$50 cancellation fee will be applied. In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.

Location: Catherine and Joseph Aresty Conference Center, in the lower ground level of the Harlyne J. Norris Cancer Research Tower on the USC Health Sciences Campus
1450 Biggy Street, Los Angeles, CA 90033

Parking: \$20 at Biggy Parking Structure (P8): 1334 Biggy Street at Zonal Avenue

Register: **Mail:** 1540 Alcazar Street, CHP 223, Los Angeles, CA 90033
Mail-in registration must be postmarked by June 20, 2023.

Online: keckusc.cloud-cme.com/ophthalmology2023 Visa or Mastercard only.

Phone: (323) 442-2555 | **Fax:** 1 (888) 665-8650 **AMEX, Visa or Mastercard**

Email: uscme@usc.edu

On-site: **Live registration:** Available June 24, 7:15 am, Aresty Conference Center

NAME _____ DEGREE _____

MEDICAL LICENSE NUMBER _____

TELEPHONE _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

*Registration confirmation and event reminder will be emailed.

METHOD OF PAYMENT:

No cash payment accepted.

☐ Check (Check payable to USC. Check payment must be postmarked by June 20, 2023)

☐ Credit Card (Mastercard or Visa. American Express by Phone/Mail/Fax only)

CREDIT CARD NUMBER _____

EXPIRATION DATE _____ SECURITY CODE _____

AUTHORIZED SIGNER _____ AMOUNT \$ _____

COURSES ARE SUBJECT TO CANCELLATION.



Keck School of Medicine of **USC**

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



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