

**UC DAVIS
HEALTH**

Eye Center

RESIDENT, FELLOW AND ALUMNI RESEARCH SYMPOSIUM

SATURDAY, JUNE 22, 2024

Hilton Sacramento, Arden West
Sacramento, CA



SATURDAY, June 22, 2024

7:30 a.m. Registration, Continental Breakfast and Visit Exhibits

8 a.m. **Welcome and Objectives**
Mark J. Mannis, M.D.

8:15 a.m. **Session I**
Moderator: Robert B. Miller, M.D.

8:20 a.m. **Virtual Reality Perimetry in The Pediatric Population**
Matthew Javitt, M.D.

Mentor: Rebecca Chen, M.D.

8:28 a.m. **Discussant:** Irma Muminovic, M.D.

8:30 a.m. **Q and A**

8:32 a.m. **Applications of Deep Learning Algorithms to Predict Genotype From Phenotype In Age Related Macular Degeneration**
Denis Huang, M.D.

Mentor: Glenn Yiu, M.D., Ph.D.

8:40 a.m. **Discussant:** Eliot Dow, M.D., Ph.D.

8:42 a.m. **Q and A**

8:44 a.m. **Mechanisms and Outcomes of Ruptured Globe Injuries: A 3-Year Single Center Retrospective Study**
Andrew Nelson, M.D.

Mentor: Esther Kim, M.D.

8:52 a.m. **Discussant:** James Tucker, M.D.

8:54 a.m. **Q and A**

8:56 a.m. **OCTA in Compressive Optic Neuropathy**
Blake Snyder, M.D.

Mentor: Yin "Allison" Liu, M.D., Ph.D.

9:04 a.m. **Discussant:** Muhammad Tariq Bhatti, M.D.

9:06 a.m. **Q and A**

9:08 a.m. **Systematic Ocular Phenotyping of Knockout Mice Lines of Genes Associated with Late- Onset Abnormal Retinal Phenotypes**
Abraham Hang, M.D.

Mentor: Ala Moshiri, M.D., Ph.D.

9:16 a.m. **Discussant:** Natalie Huang, M.D.

9:18 a.m. **Q and A**

9:20 a.m. **Coffee Break, Visit Exhibits**

9:50 a.m. **Session II**
Moderator: Daniel Rich, M.D.

9:55 a.m. **Byron Demorest Memorial Lecture Hello From the Other Side**
Presenter: Mary O'Hara, M.D.
Introduction: Nandini Gandhi, M.D.

10:25 a.m. **Q and A**

10:30 a.m. **Suprachoroidal Triamcinolone Acetonide (CLS-TA) for Noninfectious Uveitis: Real-World Outcomes**
Ketaki Panse, M.D.

Mentor: Kareem Moussa, M.D.

10:38 a.m. **Discussant:** Carlos Medina, M.D.

10:40 a.m. **Q and A**

10:42 a.m. **Metabolic Profiling for Patients in the IIHTT (Idiopathic Intracranial Hypertension Treatment Trial)**
JooYeon Jung, M.D.

Mentor: Yin "Allison" Liu, M.D., Ph.D.

10:50 a.m. **Discussant:** Muhammad Tariq Bhatti, M.D.

10:52 a.m. **Q and A**

10:54 a.m. **Retinal Microstructural Features Predicting Vision and Survival Outcomes in Patients with Glioblastoma**
Manpreet Tiwana, M.D.

Mentor: Yin "Allison" Liu, M.D., Ph.D.

11:02 a.m. **Discussant:** Reza Gohari, M.D.

11:04 a.m. **Q and A**

11:06 a.m. **After-Market Contamination of Eye Drops: A Pilot Study**
Nitin Chopra, M.D., Ph.D.

Mentor: Jennifer Li, M.D.

11:14 a.m. **Discussant:** Nick Norton, M.D.

11:16 a.m. **Q and A**

11:18 a.m. **Choroidal Flow Characteristics in Age-Related Macular Degeneration**
Samuel Feldman, M.D.

Mentor: Susanna S. Park, M.D., Ph.D.

11:26 a.m. **Discussant:** Cameron Pole, M.D.

11:28 a.m. **Q and A**

11:30 a.m. **Assessing Photo Receptors in Retinal Disease with Retinal Imaging**
Christopher Langlo, M.D.

Mentor: Paul Sieving, M.D., Ph.D.

11:38 a.m. **Discussant:** Carlos Medina, M.D.

11:40 a.m. **Q and A**

11:42 a.m. **Lunch, Included**

1:00 p.m. **Session III**
Moderator: Brian Leonard, DVM, Ph.D., D.A.C.V.O.

1:05 p.m. **iOCT Outcomes**

Jennifer Tingley, M.D.

Mentor: Glenn Yiu, M.D., Ph.D.

1:13 p.m. **Discussant:** Liliya Golas, M.D.

1:15 p.m. **Q and A**

1:17 p.m. **Detection of Glaucoma with Telescreening for Diabetic Retinopathy**
Sina Vahedi, M.D.

Mentor: Michele Lim, M.D.

1:25 p.m. **Discussant:** Xiongfei Liu, M.D.

1:27 p.m. **Q and A**

- 1:29 p.m. **A Machine Learning Algorithm for Screening of Corneal Endothelial Cell Morphology in Canine Patients with and without Endothelial Dystrophy**
Karolina Roszak, DVM
Mentor: Sara Thomasy, DVM, Ph.D., D.A.C.V.O.
- 1:37 p.m. **Discussant:** Brian Leonard, DVM, Ph.D., D.A.C.V.O.
- 1:39 p.m. **Q and A**
- 1:41 p.m. **J. William Kohl, M.D. Medical Student Research Lecture**
Retinal Detachment Outcomes in Incarcerated Patients
Introduction: Jeffrey Ma, M.D.
Mentor: Kareem Moussa, M.D.
Presenter: Manuela Herrera, MS3
- 1:49 p.m. **Q and A**
- 1:51 p.m. **Presentation of J. William Kohl, M.D. Medical Student Research Lecture Award**
Jeffrey Ma, M.D.
- 1:57 p.m. **Alumnus of the Year Lecture**
The 4th Mission
Recipient and Honoree: Evan “Jake” Waxman, M.D.
Introduction: Mark J. Mannis, M.D.
- 2:27 p.m. **Presentation of Alumnae of the Year Award**
Mark J. Mannis, M.D.
- 2:45 p.m. **Fellow and Resident “Best Presentation of the Day” Award**
Presentation by judges: Robert Miller, M.D., Bradley Sandler, M.D. and John Hills, M.D.
- 3:00 p.m. **Adjourn**

EDUCATIONAL NEED

Lectures will address a comprehensive review of current clinical research at the Eye Center. This year’s conference will specifically address clinical research and provide practitioners with state-of-the-art science related to improved treatment options for their patients.

CREDIT DESIGNATION STATEMENT

The American Academy of Ophthalmology designates this live activity for a maximum of 5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint partnership of the American Academy of Ophthalmology and UC Davis Eye Center. The American Academy of Ophthalmology is accredited by the ACCME to provide continuing medical education for physicians.

ENROLLMENT

REGISTER ONLINE HERE

Tuition includes continental breakfast, refreshment breaks, lunch, and a certificate of attendance. Refunds must be requested in writing by May 31st and are subject to a \$25 service charge. No refunds will be provided after this date.

FACULTY

COURSE CHAIRS

Mark J. Mannis, M.D.
Robert B. Miller, M.D.

FACULTY MENTORS AND MODERATORS

Rebecca Chen, M.D.
Nandini Gandhi, M.D.
Esther Kim, M.D.
Yin “Allison” Liu, M.D., Ph.D.
Jennifer Y. Li, M.D.
Michele Lim, M.D.
Jeffrey Ma, M.D.
Ala Moshiri, M.D., Ph.D.
Kareem Moussa, M.D.
Susanna S. Park, M.D., Ph.D.
Ivan R. Schwab, M.D.
Paul Sieving, M.D., Ph.D.
Sara Thomasy, DVM, Ph.D., D.A.C.V.O.
Glenn Yiu, M.D., Ph.D.

COMMUNITY DISCUSSANTS

Muhammad Tariq Bhatti, M.D.
Eliot Dow, M.D., Ph.D.
Reza Gohari, M.D.
Liliya Golas, M.D.
Natalie Huang, M.D.
Brian Leonard, DVM, Ph.D., D.A.C.V.O.
Xiongfei Liu, M.D.
Carlos Medina, M.D.
Irma Muminovic, M.D.
Nick Norton, M.D.
Cameron Pole, M.D.
Daniel Rich, M.D.
James F. Tucker, M.D.

ALUMNUS OF THE YEAR RECIPIENT

Evan (Jake) Waxman, M.D.
Professor, Ophthalmology
University of Pittsburgh, School of Medicine

BYRON DEMOREST MEMORIAL LECTURE

Mary O’Hara, M.D.
Emeritus Professor, UC Davis Eye Center
Sacramento, CA

J. WILLIAM KOHL, M.D., MEDICAL STUDENT RESEARCH LECTURE

Manuela Herrera
UC Davis School of Medicine

UC DAVIS VETERINARY SCHOOL RESIDENT

Karolina Roszak, DVM
UC Davis School of Veterinarian Medicine

FELLOWS, UC DAVIS EYE CENTER

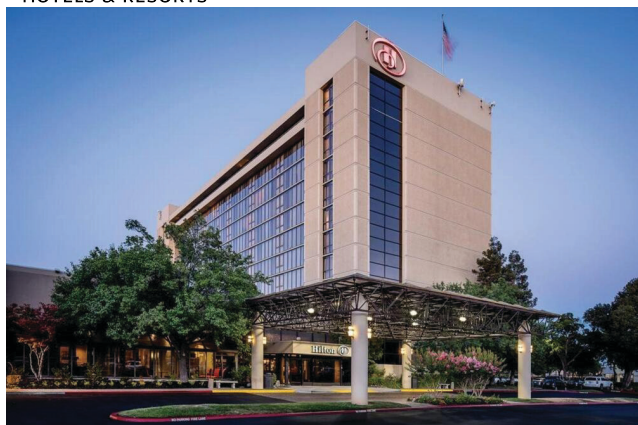
Nitin Chopra, M.D., M.B.A.
Samuel Feldman, M.D.
Christopher Langlo, M.D., Ph.D.
Jennifer Tingley, M.D.
Sina Vahedi, M.D.

RESIDENTS, UC DAVIS EYE CENTER

Denis Huang, M.D.
Matthew Javitt, M.D.
Andrew Nelson, M.D.
Blake Snyder, M.D.
Abraham Hang, M.D.
Ketaki Panse, M.D.
JooYeon Jung, M.D.
Manpreet Tiwana, M.D.

LOCATION

HILTON SACRAMENTO ARDEN WEST
2200 Harvard Street
Sacramento, CA 95815-3306, USA

**ALUMNUS OF THE YEAR RECIPIENTS**

Michael Schermer, M.D.	2012
Neil Kelly, M.D.	2013
Cynthia Toth, M.D.	2015
Richard Lewis, M.D.	2016
Linda Margulies, M.D.	2017
Robert Wendel, M.D.	2018
Robert Miller, M.D.	2019
2020 and 2021 postponed to 2022	
Christopher Murphy, DVM, Ph.D.	2022
Esther S. Kim, M.D.	2023

BYRON DEMOREST MEMORIAL LECTURERS

Denise Satterfield, M.D.	2012
Susan Day, M.D.	2013
James Ruben, M.D.	2014
David Parke II, M.D.	2015
Paul Lichter, M.D.	2016
Barbara Arnold, M.D.	2017
William Good, M.D.	2018
Sean Donahue, M.D., Ph.D.	2019
2020 and 2021 postponed to 2022	
George Bartley, M.D.	2022
Anne L. Coleman, M.D., Ph.D.	2023

EYE CENTER EVENTS

[Click here to access the UC Davis Eye Center Events](#)

OCTOBER 19, 2024

**Alumni, VCF and Friends Reception at the
American Academy of Ophthalmology**
The Westin Chicago River North
Chicago, IL

MAY 16-18, 2025

Napa Eye 2024

Napa Valley Marriott Hotel & Spa
Napa, CA

JUNE 21, 2025

Resident, Fellow and Alumni Research Symposium
Hilton Arden West
Sacramento, CA

FOR FURTHER INFORMATION

REBECCA SUBBOTIN

UC Davis Eye Center
Event Manager

916-703-4662

RHHeath@ucdavis.edu

REGISTER ONLINE HERE