

# 65th Annual Rochester Ophthalmology Conference

March 26 - 27, 2021

Continuing Professional Education  
for Ophthalmologists and Allied Health Professionals



University of Rochester School of Medicine and Dentistry  
Featuring Secure Online Registration

Register at: [www.cel.urmc.edu](http://www.cel.urmc.edu)



## Physician Program Course Description

*I look forward to seeing you online for the 65th Rochester Ophthalmology Conference. This year's program promises to be excellent as we welcome guest faculty from the top of their sub-specialties for this Zoom meeting format. The 65th Snell Memorial Lecture will be delivered by Reza Dana, MD, MSc, MPH, Director, Cornea and Refractive Surgery at Harvard Medical School. Dana is one of the foremost thought leaders in the treatment of corneal disease. We look forward to the insights he will share with us about his sub-specialty.*

*We are pleased to introduce David Huang, MD, PhD, as the Frederick Dushay, MD, Distinguished Visiting Professor. Huang is a Professor of Ophthalmology and Biomedical Engineering at Oregon Health Sciences University. He is one of the world's leading experts in corneal and external diseases, LASIK, and diagnostic imaging.*

*This year's program also includes a superb panel of guest lecturers including Joyce Liao, MD, PhD, Prithvi Mruthyunjaya, MD, MHS, Joseph Panarelli, MD, and Vance Thompson, MD, as well as our own faculty of experts. Our program for allied health professionals and ophthalmic technicians is designed to deliver skills-based information to improve performance in exams, diagnostic testing and operating room procedures.*

*I would like to recognize our exhibitors and sponsors. Each year they help underwrite the expense to bring world-class experts in ophthalmology to Rochester while keeping the cost of continuing education reasonable for all. Thank you for taking time out of your busy professional and personal schedules each year to attend. Your continued support not only has made this conference one of the nation's longest standing meetings, but also one of the best.*

Sincerely,



**David DiLoreto., Jr., MD, PhD**  
Professor and Chair of Ophthalmology  
Director, David & Ilene Flaum Eye Institute  
University of Rochester

This year's program features internationally-recognized ophthalmologists and research scientists from across a variety of disciplines including:

- **Reza Dana, MD, MSc, MPH** (Snell Memorial Lecturer) Director, Cornea and Refractive Surgery, Harvard Medical School
- **David Huang, MD, PhD** (Frederick Dushay, MD, Distinguished Visiting Professor) Professor of Ophthalmology, Professor of Biomedical Engineering, Oregon Health Sciences University
- **Joyce Liao, MD, PhD**, Associate Professor of Ophthalmology and Neurology, Stanford University Medical Center
- **Prithvi Mruthyunjaya, MD, MHS**, Associate Professor of Ophthalmology, Stanford University Medical Center
- **Joseph Panarelli, MD**, Associate Professor of Ophthalmology, NYU Langone Health
- **Vance Thompson, MD**, Director of Refractive Surgery, Vance Thompson Vision

### Needs Assessment

The practice of ophthalmology encompasses all aspects of visual health as well as medical and surgical treatment of diseases. Ophthalmologists, optometrists and allied health professionals must remain educated in current sub-specialty trends, treatment practices, and clinical research studies that affect their patients. Individual sessions and corresponding topics have been selected to provide professionals with the latest information relevant to the practice of ophthalmology. Participants attending this conference should leave understanding how to incorporate this information into their practices.

### Objectives

At the conclusion of this conference, participants will be able to:

- State at least 4 ways to reduce post-operative complications and patient dissatisfaction resulting from cataract surgery.
- List new pharmaceutical-based therapies that are potential agents in the treatment of retinal disease, glaucoma and corneal disease.
- Discuss new methods in the surgical and medical treatment of refractive error and strategies to limit and ameliorate potential complications of refractive lens surgery.
- Identify and implement uses of imaging technology in the treatment of ophthalmic disorders.
- Describe the evidence-based approach to managing medical diseases of the cornea and ocular surface, including inflammatory, infectious, and degenerative conditions.
- Demonstrate familiarity with current issues in surgical treatment of glaucoma.
- List best practices in the treatment of diabetic eye disease.
- List strategies for diagnosing and treating anterior ischemic optic neuropathy

### Accreditation

The University of Rochester School of Medicine and Dentistry is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

### Certification

The University of Rochester School of Medicine & Dentistry designates this live activity for a maximum of 10.50 *AMA PRA Category 1 Credits*.™ Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Criteria for successful completion of this activity includes attendance at entire event, and completion and submission of post evaluation survey.

## Physician Program

Friday, March 26, 2021

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**7:15 - 8:15 Attendance Verification / Virtual Exhibits**

8:15 - 8:20 Welcome  
**David A. DiLoreto., Jr., MD, PhD**

### Section I

8:20 - 8:40 **Vance Thompson, MD**  
The premium IOL patient journey...important keys to success

8:40 - 9:00 **Scott MacRae, MD**  
Messing with your vision: 20 years of surprises and learning with wavefront

9:00 - 9:20 **Vance Thompson, MD**  
The significance of centering cataract surgery on the visual axis

9:20 - 9:40 **Matthew Gearinger, MD**  
Reflections on Office Efficiency in the COVID Era

**9:40 - 10:00 Panel Discussion**

**10:00 - 10:20 Break / Virtual Exhibits**

### Section II

10:20 - 10:40 **David Huang, MD, PhD**  
Classifying corneal epithelial irregularities as primary deformation versus secondary modulation on OCT maps

10:40 - 11:00 **Jesse Schallek, PhD**  
Measuring real-time retinal blood flow (*in vivo*)

11:00 - 11:20 **Geunyoung Yoon, PhD**  
Imaging the cornea

**11:20 - 11:40 Panel Discussion**

**11:40 - 12:40 Break / Virtual Exhibits**

12:40 - 12:50 Introduction of the Frederick Dushay, MD,  
Distinguished Visiting Professor Lecture  
**David A. DiLoreto., Jr., MD, PhD**

12:50 - 1:30 Frederick Dushay, MD, Distinguished Visiting  
Professor Lecture  
**David Huang, MD, PhD**  
OCT angiography: State of the art & future trends

1:30 - 1:40 Questions

### Section III

1:40 - 2:00 **Michael DePaolis, OD**  
Contact lens

2:00 - 2:20 **Rajeev Ramchandran, MD**  
Health disparities and accessing eye care among patients with diabetes

2:20 - 2:40 **Robert Ryan, OD**  
New screening tools for refractive error

**2:40 - 3:00 Panel Discussion**

**3:00 - 3:20 Break / Virtual Exhibits**

### Section IV

3:20 - 3:40

**Joseph Panarelli, MD**  
The truth about MIGS: Do we have data to support the hype?

3:40 - 4:00

**Regina Smolyak, MD**  
Update on new glaucoma treatments – how do I make my choice?

4:00 - 4:20

**Joseph Panarelli, MD**  
New medical therapy and new drug delivery platforms for glaucoma

**4:20 - 4:40**

**Panel Discussion**

**4:40 - 4:50**

**Announcements**

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Saturday, March 27, 2021

**7:15 - 7:55 Attendance Verification / Virtual Exhibits**

7:55 - 8:00

Welcome  
**David A. DiLoreto., Jr., MD, PhD**

### Section V

8:00 - 8:20

**Rachel Wozniak, MD, PhD**  
Understanding staphylococcus aureus keratitis: redefining diagnosis and prognosis

8:20 - 8:40

**Reza Dana, MD, MSc, MPH**  
Ocular Graft-Versus-Host Disease: A common and serious complication of hematopoietic stem cell transplantation

8:40 - 9:00

**Prithvi Mruthyunjaya, MD, MHS**  
Current management of choroidal melanoma

9:00 - 9:20

**David Kleinman, MD**  
The spectrum of the retinal drug pipeline

9:20 - 9:40

**Prithvi Mruthyunjaya, MD, MHS**  
OCT tips for ocular tumor diagnosis and management

**9:40 - 10:00**

**Panel Discussion**

**10:00 - 10:20 Break / Virtual Exhibits**

10:20 - 10:25 Introduction of Snell Memorial Lecture  
**David A. DiLoreto., Jr., MD, PhD**

10:25 - 11:15

Snell Memorial Lecture  
**Reza Dana, MD, MSc, MPH**  
New ways of doing old things: Translational investigations in management of common corneal and ocular surface disorders

11:15 - 11:35

**Joyce Liao, MD, PhD**  
Oscillopsia and diplopia

11:35 - 11:55

**Zoë Williams, MD**  
Hanging by a Thread: Not Your Typical Esotropia

11:55 - 12:15

**Joyce Liao, MD, PhD**  
Anterior ischemic optic neuropathy – diagnosis, state of research, treatment

**12:15 - 12:30**  
**12:30**

**Panel Discussion**  
**Final Announcements**

## Technician / Nursing Program Description

The topics for this year's program for allied health professionals were selected based on reviews by participants from the last three years' programs. This format, including in-depth lectures followed by generous question and answer periods, is designed to provide relevant information for ophthalmic assistants, technicians, photographers and nurses.

Alternatively, technicians, nurses and ophthalmic photographers may attend physician courses at the fee of \$150. However, only *AMA PRA Category 1 Credits™* will be awarded to those who attend the Physician Program. Check with your appropriate profession's body of continuing education accreditation prior to registration if you wish to apply Physician Program credit hours toward your profession's requirement for continuing professional education.

### Course Objectives

At the conclusion of this conference, participants will be able to:

- Describe retinal diseases and their medical and surgical treatments.
- Match the correct use of diagnostic technologies with clinical presentations of ophthalmic disease.
- Describe the role of nursing and ophthalmic technicians in the treatment of anterior segment disease.
- Appropriately triage the presentation of genetic eye disease and visual symptoms related to traumatic brain injury.

### Certification

This activity has been submitted to the University of Rochester School of Nursing for approval to award contact hours. The University of Rochester School of nursing is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

This course has been submitted to JCAHPO for consideration of CE credit.

Criteria for successful completion of this activity includes attendance at entire event, completion and submission of post evaluation survey.

## Technician / Nursing Program

Friday, March 26, 2021

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7:15 - 8:10	<b>Attendance Verification and Virtual Exhibits</b>
8:10 - 9:00	<b>Jack Tian, MD</b> Retina: common symptoms, surgical acronyms and post-operative care
9:10 - 10:00	<b>Matthew Haynie, MD</b> Little eyes, big problems: A look at common emergencies in pediatric ophthalmology
10:00 - 10:15	<b>Break and Virtual Exhibits</b>
10:20 - 11:10	<b>Brooke Donaher, OD &amp; Jennifer Krech, OD</b> TBI and visual complications
11:15 - 12:05	<b>Naveen Mysore, MD, PhD</b> The cornea is swollen: Now what?!
12:05 - 1:00	<b>Break and Virtual Exhibits</b>
1:05 - 1:55	<b>Matthew Gearinger, MD</b> Pediatric cataract
2:00 - 2:50	<b>Scott MacRae, MD</b> IOLs, optics and visual quality
2:55 - 3:10	<b>Break and Virtual Exhibits</b>
3:15 - 4:15	<b>Alex Levin, MD</b> Patients with ocular genetic disease: Tips for nurses and technicians
4:15 - 4:25	<b>Wrap-up and announcements</b>

Fees include attendance at all course sessions and course materials. The cost to attend each of the programs is as follows:

(After March 19, 2021 a late registration fee will apply):

<b>Physician Program Fee</b>	<b>Early Fee</b>	<b>Late Fee</b>
MD or any other allied healthcare professional	\$150	\$175
Residents and fellows	\$75	\$100
Retired physician	\$75	\$100
<b>Saturday Only</b> — All attendees	\$75	\$100
<b>Allied Health Program Fee</b>		
Anyone attending allied health program	\$90	\$100

#### **ADA SERVICES\*/INFORMATION**

For more information or to make accommodations for learners with disabilities, contact the Center for Experiential Learning at (585)275-7666 or CME Office@urmc.rochester.edu. Office hours are Monday-Friday, 8:00am - 4:30pm.

\*Call at least 30 days in advance of the conference for ADA accommodations.

#### **Online Registration**

For your convenience we now offer secure Web-based registration. Privacy law no longer allows us to process credit cards over the phone, via fax or mail. To complete your online registration via credit card please visit:

**[www.cel.urmc.edu](http://www.cel.urmc.edu)**

Once there please click on upcoming events and select the “65th Annual Rochester Ophthalmology Conference” link. If you have any questions concerning payment methods, please call (585) 275-3977.

*David DiLoreto., Jr., MD, PhD*  
Chairman, Department of  
Ophthalmology; Director, Flaum Eye Institute

*James Aquavella, MD*  
*Shobha Boghani, MD*  
*Kristen Bowles-Johnson, OD, PhD*  
*Jessica daSilva, OD*  
*Anthony Dell’Anno, OD*  
*Kenneth Dickerson, OD*  
*Michael DePaolis, OD*  
*David DiLoreto., Jr., MD, PhD*  
*Brooke Donaher, OD*  
*Frederick Dushay, MD*  
*Therese Farugia, OD*  
*Steven Feldon, MD, MBA*  
*Matthew Gearinger, MD*  
*Blair Germain, OD*  
*Mithra Gonzalez, MD*  
*Vamsi Gullapalli, MD, PhD*  
*Benjamin Hammond, MD*  
*Christina Hammond, PhD*  
*Jennifer Hunter, PhD*  
*Krystal Huxlin, PhD*  
*Sana Idrees, MD*  
*Kye-Im Jeon, PhD*  
*Amy Kiernan, PhD*  
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*Sarah Klein, OD*  
*David Kleinman, MD, MBA*  
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*Alex Levin, MD, MHSc*  
*Richard Libby, PhD*  
*Scott MacRae, MD*  
*William Merigan, PhD*  
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## Register for the 65th Annual Rochester Ophthalmology Conference

Valuable CME credits for ophthalmologists,  
optometrists and allied health professionals

Register online at [www.cel.urmc.edu](http://www.cel.urmc.edu)

***David DiLoreto, Jr., MD, PhD***  
*Chairman, Department of Ophthalmology*  
*Director, Flaum Eye Institute*



***Matthew Gearing, MD***  
*Professor of Ophthalmology,*  
*Associate Chair of Education*

