

# 65th Annual Rochester Ophthalmology Conference

May 29 - 30, 2020

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 at the 65th Annual Ophthalmology Conference in Rochester, New York. This year's program promises to be excellent as we welcome guest faculty from the top of their sub-specialties. 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 features two tracks aimed at delivering 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 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 11.00 *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, May 29, 2020

7:15 - 8:15 **Registration / Continental Breakfast / 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 Gearing, MD**  
Teaching for understanding in cataract surgery

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

10:00 - 10:20 **Break / 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 retina blood flow (*in vivo*)

11:00 - 11:20 **James Zavislan, PhD**  
Imaging the tear film

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

11:40 - 12:40 **Lunch / 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**  
Population health

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

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

3:00 - 3:20 **Break**

### 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**

Saturday, May 30, 2020

7:15 - 7:55 **Registration / Continental Breakfast / Exhibits**

7:55 - 8:00 **Welcome**  
**David A. DiLoreto, Jr., MD, PhD**

### Section V

8:00 - 8:20 **Joyce Liao, MD**  
Oscillopsia and diplopia

8:20 - 8:40 **Prithvi Mruthyunjaya, MD, MHS**  
Current management of choroidal retinoma

8:40 - 9:00 **Joyce Liao, MD**  
Anterior ischemic optic neuropathy-diagnosis, state of research, treatment

9:00 - 9:20 **Prithvi Mruthyunjaya, MD, MHS**  
Real world practice trends in proliferative diabetic retinopathy

9:20 - 9:40 **Zoe Williams, MD**  
TBA

9:40 - 10:00 **David Kleinman, MD**  
The spectrum of the retinal drug pipeline

10:00 - 10:20 **Panel Discussion**

10:20 - 10:40 **Break / Exhibits**

10:40 - 11:00 **Reza Dana, MD, MSc, MPH**  
Ocular Graft-Versus-Host Disease: A common and serious complication of hematopoietic stem cell transplantation

11:00 - 11:20 **Rachel Wozniak, MD, PhD**  
Antibiotic resistance and the race for novel antibiotics

11:20 - 11:25 Introduction to Snell Memorial Lecture  
**David A. DiLoreto, Jr., MD, PhD**

11:25 - 12:05 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

12:05 - 12:20 **Panel Discussion**

12:20 - 12:30 **Presentation of Resident Travel Awards**

12:30 **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 \$300. 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 corneal 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 medical and surgical treatment of eye disease.
- Describe surgical approaches to cataracts.
- List steps in A-Scan biometry.
- List the major components of the eye's anatomy.
- State appropriate uses of ophthalmic imaging in anterior and posterior segment eye disease.

### Certification

This activity has been submitted to the Pennsylvania State Nurses Association for approval to award contact hours. The Pennsylvania State Nurses Association Approver Unit 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. This course has been submitted to OPS 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, May 29, 2019

### 7:15 - 8:15 Registration and Continental Breakfast

8:00 - 8:10 Welcome & Announcements

#### Session

A

B

8:10 - 9:00

**Nathaniel Simmons, MD**

Cataract — the journey from cloudy to clear

**Matthew Nicholas, MD**

Functional vision loss

9:10 - 10:00

**Sarah Klein, OD**

To be announced

**Matthew Haynie, MD**

Emergency vs. routine: How to ask the right questions of panicked patients!

10:00 - 10:20

**Break and Exhibits**

10:20 - 11:10

**Gabriella Rifkin, MD**

Cornea — I got something in my eye

**Brooke Donaher, OD**

TBI and visual complications

11:15 - 12:05

**Sana Idrees, MD**

Retina — Pre and post-op: What am I looking for?

**Scott MacRae, MD**

Basic principles for cataract and refractive surgery

12:05 - 1:05

**Lunch and Exhibits**

1:05 - 1:55

**Jack Tian, MD**

PVDs, tears and lasers, oh my!

**Matthew Gearinger, MD**

Amblyopia, pediatric cataract, and adult strabismus

2:00 - 2:50

**Ophthalmic Jeopardy with Timothy J. Benutt, CRA, FOPS, OCT-C**

2:55 - 3:15

**Breaks and Exhibits**

3:15 - 4:05

**Josh Pettinger**

The art and practice of synergistic listening

4:05 - 4:20

**Wrap-up and announcements**

### Hands-on skills laboratories

Learn tips and tricks from our expert faculty to get more accurate A-scan biometry readings or learn about the anatomy of the eye. There is an additional fee to attend labs and participants must be fully enrolled in the Allied Health Professional Program.

9:10 - 10:00

**A-Scan Biometry**

(Limit 24 Participants; LeChase Conference)

10:20 - 11:10

**Anatomy Wet lab**

(Limit 24 Participants; Location TBA)

1:05 - 1:55

**OCT Lecture/Lab**

(Limit 24 Participants; LeChase Conference)

Fees include attendance at all course sessions, course materials, continental breakfasts, beverages and lunch. The cost to attend each of the programs is as follows

(After May 22, 2020 a late registration fee will apply):

Physician Program Fee	Early Fee	Late Fee
MD or any other allied healthcare professional	\$300	\$325
Residents and fellows	\$150	\$175
Retired physician	\$150	\$175
<b>Allied Health Program Fee</b>		
Anyone attending allied health program	\$180	\$210
<b>Allied Health Program Fee &amp; Skills Labs</b>		
Anyone attending allied health program	\$220	\$255

#### Cancellation Policy

For all cancellations, an administrative fee of \$50 will be deducted from any refunds. No refunds will be issued after May 15th, 2020.

#### 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*

*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*

*Fred Dushay, MD*

*Therese Farugia, OD*

*Steven Feldon, MD, MBA*

*Matthew Gearinger, MD*

*Mithra Gonzalez, MD*

*Benjamin Hammond, MD*

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*David Williams, PhD*

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*Rachel Wozniak, MD, PhD*

*Geunyoung Yoon, PhD*

*Cathy Yuen, OD*

*James Zavislan, PhD*

University of Rochester Flaum Eye Institute  
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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)

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*Chairman, Department of Ophthalmology*  
*Director, Flaum Eye Institute*



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

