

64th Annual Rochester Ophthalmology Conference

March 29 - 30, 2019

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



Physician Program Course Description

I look forward to seeing you at the 64th 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 64th Snell Memorial Lecture will be delivered by Daniel Martin, MD, Director of the Cole Eye Institute. Martin is one of the foremost thought leaders in intravitreal treatment of retinal disease. We look forward to the insights he will share with us about his sub-specialty.

We are pleased to introduce David Wilson, MD, as the inaugural Frederick Dushay, MD, Distinguished Visiting Professor. Wilson is the Thiele-Petti Chair in Ophthalmology at Oregon Health Sciences University and Director of the Casey Eye Institute. He is one of the world's leading experts in ocular pathology and retinal imaging.

This year's program also includes a superb panel of guest lecturers including Ramesh Ayyala, MBBS, Suzanne Freitag, MD, Janet Rucker, MD, and John Vukich, 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,



Steven Feldon, MD, MBA

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:

- **Daniel Martin, MD** (Snell Memorial Lecturer) Barbara and A. Malachi Mixon III Institute Chair in Ophthalmology; Cleveland Clinic Lerner College of Medicine of Case Western Reserve University
- **David Wilson, MD** (Frederick Dushay, MD, Distinguished Visiting Professor) Thiele-Petti Chair, Department of Ophthalmology at Oregon Health Sciences University
- **Ramesh Ayyala, MBBS**, James & Heather Gills Endowed Chair in Ophthalmology, University of South Florida
- **Suzanne Freitag, MD**, Associate Professor of Ophthalmology, Harvard Medical School
- **Janet Rucker, MD**, Professor of Ophthalmology, New York University
- **John Vukich, MD**, Associate Clinical Professor of Ophthalmology, University of Wisconsin-Madison

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 and stem cell therapies that are potential agents in the treatment of retinal disease, glaucoma and corneal disease
- Discuss methods in the treatment of refractive error
- 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 medical and surgical therapy for glaucoma
- List best practices in the treatment of diabetic eye disease and age-related macular degeneration
- List strategies for improving outcomes and long-term success in oculoplastic eye surgery

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, March 29, 2019

7:30 - 8:15 Registration / Continental Breakfast / Exhibits

8:15 - 8:20 Welcome
Steven E. Feldon, MD, MBA

Section I

8:20 - 8:40 **John Vukich, MD**
Managing toric monofocal and presbyopia IOL patients

8:40 - 9:00 **Scott MacRae, MD**
What are my patients seeing with monofocal and presbyopic IOLs?

9:00 - 9:20 **John Vukich, MD**
Femtosecond lasers in ophthalmology: A deep dive into technology that is shaping our vision

9:20 - 9:40 **Ramesh Ayyala, MD**
GDD and cornea: Why does the cornea go bad?

9:40 - 10:00 Panel Discussion

10:00 - 10:20 Break / Exhibits

Section II

10:20 - 10:40 **Regina Smolyak, MD**
Making sense of glaucoma surgical devices

10:40 - 11:00 **Rachel Wozniak, MD, PhD**
Pathogenesis of bacterial corneal infections

11:00 - 11:20 **James Aquavella, MD**
Pediatric corneal opacities

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
Steven Feldon, MD, MBA

12:50 - 1:30 Frederick Dushay, MD, Distinguished Visiting
Professor Lecture
David Wilson, MD
Potential complications of gene- and cell-based
therapies

1:30 - 1:40 Questions

Section III

1:40 - 2:00 **David Wilson, MD**
Choroidal biopsy

2:00 - 2:20 **David DiLoreto, MD, PhD**
Brolicizumab for wet AMD

2:20 - 2:40 **Ajay Kuriyan, MD, MS**
Argus II update

2:40 - 3:00 **Rajeev Ramchandran, MD**
Population health in ophthalmology

3:00 - 3:20 Panel Discussion

3:20 - 3:40 Break / Exhibits

Section IV

3:40 - 4:00

Suzanne Freitag, MD

Update on systemic medications: Causes of ocular
adnexal disorders

4:00 - 4:20

Mithra Gonzalez, MD
Check website for updates

4:20 - 4:40

Suzanne Freitag, MD
Seamless ipsilateral repair of upper and lower
eyelid retraction in thyroid eye disease

4:40 - 5:00

Panel Discussion & Announcements

Saturday, March 30, 2019

8:00 - 8:55 Registration / Continental Breakfast / Exhibits

8:55 - 9:00 Welcome
Steven E. Feldon, MD, MBA

Section V

9:00 - 9:20 **Janet Rucker, MD**
Nystagmus made simple

9:20 - 9:40 **Zoë Williams, MD**
Check website for updates

9:40 - 10:00 **Janet Rucker, MD**
Pearls and pitfalls in diplopia diagnosis

10:00 - 10:20 **Mina Chung, MD**
Check website for updates

10:20 - 10:40 **Daniel Martin, MD**
Geographic atrophy: What causes it and can it
be treated?

10:40 - 11:00 Panel Discussion

11:00 - 11:20 Break / Exhibits

11:20 - 11:25 Introduction of the Snell Memorial Lecture
Steven Feldon, MD, MBA

11:25 - 12:05 Snell Memorial Lecture
Daniel Martin, MD
Evolution of intravitreal therapy for
retinal diseases

12:05 - 12:15 Questions

12:15 - 12:20 Presentation of resident travel awards

12:20 - 1:10 Lunch / Exhibits

Section VI

1:10 - 1:30 **Ramesh Ayyala, MD**
Glaucoma in the management of corneal
problems

1:30 - 1:50 **Shakeel Shareef, MD**
CyPass withdrawal - Is there still a role for MIGS?

1:50 - 2:10 **Ramesh Ayyala, MD**
MIGS, and Xen IN FOCUS: Where is the
world going?

2:10 - 2:30 Panel Discussion & 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 personnel 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 glaucoma
- Describe the use of corneal topography in the medical and surgical treatment of corneal refractive and ocular surface disease
- Describe medical and surgical approaches to retinal disease
- Describe current pharmaceutical treatments in glaucoma and patient compliance issues
- Correctly relate neuro-ophthalmic terms with clinical presentations
- 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, March 29, 2019

7:30 - 8:15 Registration and Continental Breakfast

8:15 - 8:30 Welcome & Announcements

Session

A

B

8:30 - 9:30

Daniel Simhaee, MD

Surgical retina -
Concepts and lingo

**Heather Carmello, COT, OCT-C,
CRA**

Diagnostic testing

9:30 - 10:30

Harold Ross, MD

Cataract surgery: where
we were, where we are,
and where we will be

Kenneth Dickerson, OD

Topography

10:30 - 10:50 Break and Exhibits

10:50 - 11:50

Sophie He, MD

Neuro-ophthalmology

Alyse Richard, MD

Orbital fractures: Diagnosis
and treatment

11:50 - 12:50 Lunch and Exhibits

12:50 - 1:50

Andrew Chen, MD

Artificial intelligence
for detecting eye disease

Regina Smolyak, MD

Color coding of ophthalmic
medications

1:50 - 2:50

Sana Idrees, MD

Retina

Naveen Mysore, MD, PhD

Medical and surgical management
of corneal ulcers, cones and guttate

2:50 - 3:10 Break and Exhibits

3:10 - 4:10

Shakeel Shareef, MD

The last stand: When all else fails, refer to the glaucoma
specialist

4:10 - 4:15

Homise Johnson, COMT

Wrap-up and announcements

NEW! Plus cylinder refraction hands-on skills laboratory

Learn tips and tricks from our expert optometry faculty to get more accurate refractions. There is an additional fee to attend this lab and participants must be fully enrolled in the Allied Health Professional Program. Participants will be able to attend their choice of courses after the lab is over.

8:30 - 10:30

Melanie Shearer, OD

Plus cylinder refraction (limited to 6 participants)

To be held in the Flaum Eye Institute clinic.

Additional fee applies

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 March 22, 2019 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
Allied Health Program Fee		
Anyone attending allied health program	\$180	\$210
Allied Health Program Fee & Skills Lab		
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 March 15th, 2019.

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

Once there please click on upcoming events and select the "64th Annual Rochester Ophthalmology Conference" link. If you have any questions concerning payment methods, please call (585) 275-3977.

Steven Feldon, MD, MBA
Chairman, Department of
Ophthalmology; Director, Flaum Eye Institute

James Aquavella, MD
Angela Bessette, MD
Mina Chung, MD
Jessica daSilva, OD
Anthony Dell'Anno, OD
Kenneth Dickerson, OD
Michael DePaolis, OD
David DiLoreto, MD, PhD
Brooke Donaher, OD
Fred Dushay, MD
Therese Farugia, OD
Lin Gan, PhD
Matthew Gearinger, MD
Mithra Gonzalez, MD
Benjamin Hammond, MD
Christina Hammond, PhD
Jennifer Hunter, PhD
Krystal Huxlin, PhD
Kye-Im Jeon, PhD
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Jesse Schallek, PhD
Shakeel Shareef, MD
Melanie Shearer, OD
Daniel Simbaee, MD
Ruchira Singh, PhD
Regina Smolyak, MD
Duje Tadin, PhD
Tara Vaz, OD
David Williams, PhD
Zoë Williams, MD
Rachel Wozniak, MD, PhD
Geunyoung Yoon, PhD
Cathy Yuen, OD
James Zavislan, PhD

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Register for the 64th Annual Rochester Ophthalmology Conference

Valuable CME credits for ophthalmologists,
optometrists and allied health professionals

Register online at www.cel.urmc.edu

Steven Feldon, MD, MBA
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Matthew Gearing, MD
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Rajeev Ramchandran, MD, MBA
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Homise Johnson, COMT
*Allied Health Program
Course Director*

