

Sunil Rao, MD Memorial Lecturer



Joel S. Schuman, MD, FACS

Joel S. Schuman, MD, FACS was appointed chair of the Department of Ophthalmology at NYU Langone Medical Center, effective January 1, 2016, following a notable career at the University of Pittsburgh School of Medicine, where he was a distinguished professor and chair of ophthalmology, and the director of the UPMC Eye Center. Dr. Schuman also held appointments at the university's McGowan Institute for Regenerative Medicine,

the Center for the Neural Basis of Cognition, and as professor of bioengineering at the Swanson School of Engineering.

Dr. Schuman graduated cum laude with a Bachelor of Arts in Psychology from Columbia University and received his medical degree from Mt. Sinai School of Medicine. He completed his internship at New York's Beth Israel Medical Center, his ophthalmology residency training at Medical College of Virginia, and clinical and research glaucoma fellowships at Massachusetts Eye & Ear Infirmary where he was a Heed fellow. After just over a year on the Harvard faculty, he moved to New England Medical Center, Tufts University to co-found New England Eye Center, where he was Residency Director and Glaucoma and Cataract Service Chief. In 1998 he became Professor of Ophthalmology, and Vice Chair in 2001.

Dr. Schuman and his colleagues were the first to identify a molecular marker for human glaucoma. He has been continuously funded by the National Eye Institute as a principal investigator since 1995, is principal investigator of a National Institutes of Health grant to study novel glaucoma diagnostics, and is co-investigator of NIH grants for research into novel optical diagnostics and short pulse laser surgery and for advanced imaging in glaucoma. He is an inventor of optical coherence tomography. Dr. Schuman has published more than 300 peer-reviewed scientific journal articles, has authored or edited 8 books, and has contributed more than 50 book chapters.

He has been the recipient of numerous awards including the Alcon Research Institute Award, the Lewis Rudin Glaucoma Prize, the ARVO Translational Research Award, and the Carnegie Science Center Award. He shared the Champalimaud Award. In 2013 he gave the Robert N. Shaffer Lecture at the American Academy of Ophthalmology Annual Meeting and received the AAO Lifetime Achievement Award. He is a Gold Fellow of ARVO. He is named in Who's Who in America, Who's Who in Medical Sciences Education, America's Top Doctors and Best Doctors in America, and has been named a Top Doctor by Pittsburgh Magazine each year since 2006.

RSVP by April 19

Please return the reply card or contact Grace Gomes:
ggomes1@lifespan.org or phone 401-444-4669

Conflict of Interest Disclosure

All presenters and program planners participating in CME activities are required to disclose any financial relationships with commercial industry within the past 12 months, as defined by the ACCME. Any relevant conflict of interest relating to the content of their presentations is to be conveyed to the program audience prior to the commencement of their presentation.

The following presenters and planners have no financial relationships with commercial interests: Kimberly V. Miller, MD; Kendra Clemons, MD; Daniel Gealy, MD; Anna Ginter, MD; Paul B. Greenberg, MD; Laith Kadasi, MD; Anne Kato, MD; Maureen Lloyd, MD; Michael Migliori, MD, FACS; Jennifer Perry, MD; Celine Saade, MD; Jae Young You, MD.

Joel S. Schuman, MD, FACS discloses the following royalty with Zeiss, Intellectual Property Rights/Patent Holder: University of Pittsburgh; Ownership Interests: Ocugenix; Grants/Research support: Glaukos, Aerie, Consultant (advisory boards-list role): Aerie, Slack/Vindico, Pfizer, Alcon

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Rhode Island Hospital is accredited by the Rhode Island Medical Society to provide continuing medical education for physicians.

Rhode Island Hospital designates this live activity for a maximum of 2.5 AMA PRA Category 1 Credit(s)[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

To request reasonable accommodation for a disability, please contact the Rhode Island Hospital CME office at 401-444-4260.

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Rhode Island Hospital

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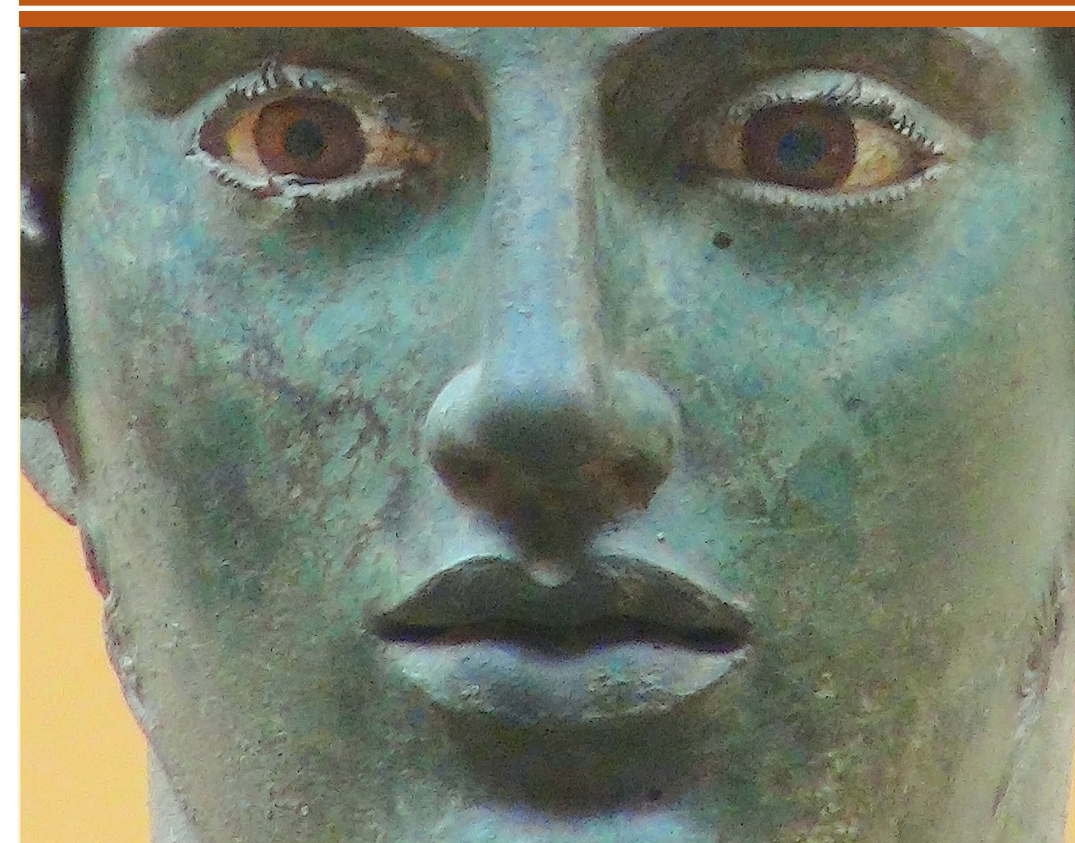
Rhode Island Hospital
Department of Ophthalmology

April 28, 2016
Providence Marriott
One Orms Street, Providence, Rhode Island

19th Annual Ophthalmology Research Forum

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Sunil Rao, MD Memorial Lecture



Annual Sunil Rao, MD Memorial Lecture



Sunil Rao, MD

Welcome to the 4th Annual Sunil Rao, MD Memorial Lecture

Sunil Rao, MD was a disciplined, dedicated, and successful young physician. Elected to Alpha Omega Alpha as a junior, he was incredibly passionate about providing the very best care to his patients, and equally passionate about educating the next generation

of great physicians. Rhode Island Hospital is proud to include Sunil as a distinguished alumnus of our residency program and was honored to have him return to join the teaching faculty. His untimely passing leaves a void difficult to fill.

The Rao family and the Department of Ophthalmology at Rhode Island Hospital established this memorial endowment in Dr. Rao's name to create a meaningful tribute to honor Sunil's legacy of extraordinary care, dedication to teaching, and friendship.

The Sunil Rao, MD Memorial Fund is an ideal mechanism to honor alumni and distinguished faculty and friends of the Department of Ophthalmology at Rhode Island Hospital. Your gifts help us to fulfill its purpose to afford the necessary resources for these important programs in perpetuity.

We are honored to have Joel S. Schuman, MD, FACS as our Sunil Rao, MD Memorial Lecturer.

19th Annual Ophthalmology Research Forum

Michael E. Migliori, MD, FACS

Ophthalmologist in Chief

Lenworth N. Johnson, MD

Deputy Chief

Program Coordinators

Kimberly V. Miller, MD, *Residency Program Director*
Wendy Chen, MD, PhD, *Associate Program Director*

Program Overview

This annual event has been a mainstay for providing knowledge of new techniques and new technologies for local/regional ophthalmologists. Presentations include results of research projects; new therapeutic agents and best practices for complex patient care issues or advanced disease processes.

Learning Objectives

Following this activity, participants should be able to:

- Describe three types of imaging devices.
- Explain the advantages of Spectral-Domain Optical Coherence Tomography in comparison to Time-Domain Optical Coherence Tomography.
- Describe two different scenarios where imaging would be clinically useful in glaucoma diagnosis and management.

Dinner

5:00–5:30 Buffet

Welcome and Opening Remarks

5:30–5:35 Michael Migliori, MD, FACS; Kimberly V. Miller, MD

First and Second Year Resident Presentations

5:35–5:43 Daniel Gealy, MD
Acute Onset Blindness In A Patient with End Stage Renal Disease

5:43–5:51 Laith Kadasi, MD
Epibulbar Osseous Choristoma: A Case Report

5:51–6:00 Celine Saade, MD
Acquired Vitelliform Lesions in Age-Related Macular Degeneration

6:00–6:08 Anna Ginter, MD
Biological Treatment Strategies for Thyroid Eye Disease: A Review

6:08–6:16 Maureen Lloyd, MD
Ocular Findings in Nonsyndromic Craniosynostoses

6:16–6:24 Jennifer Perry, MD
Incidence of Development of Bilateral Lower Eyelid Involutional Entropion and Ectropion

Third Year Resident Presentations

6:24–6:32 Kendra Clemons, MD
Tobacco Use: Independent Risk Factor for the Development of Involutional Ptosis

6:32–6:40 Anne Kato, MD
Exposed: Improving Inpatient Cornea Care

6:40–6:48 Jae Young You, MD
Study of Corneal Sub-Basal Nerves Using In Vivo Confocal Microscopy

Sunil Rao, MD Research Scholarship Award

6:48–7:00 Presented by Revati Rao, MD

Break

7:00–7:15

Sunil Rao, MD Memorial Lecture

7:15–7:20 Michael Migliori, MD
Introduction of Dr. Joel S. Schuman, MD, FACS

7:20–8:20 Joel S. Schuman, MD, FACS
Advances in Optical Coherence Tomography for Glaucoma

8:20–8:30 Program Conclusion

PHOTOGRAPHS BY MICHAEL E. MIGLIORI, MD, FACS; OCTOBER 2015
Delphi Archaeological Museum, Greece – The Charioteer, or Heniokhos (rein-holder), 478 or 474, BCE
This stunning life-sized bronze statue in the Early Classical style was unearthed in 1896 at the Sanctuary of Apollo at Delphi. Buried under a rock-fall in 376 BCE, it was preserved from corrosion by the elements and escaped being melted down its raw materials, the fate of many bronze artifacts. It is considered to be one of the finest examples of ancient bronze statues in the world.