

A detailed microscopic image of eye tissue, showing various layers and structures in shades of orange, red, and yellow. The image is used as a background for the symposium title.

GLAUCOMA SYMPOSIUM

LATEST DEVELOPMENTS
IN THE MANAGEMENT OF
DIFFICULT AND COMPLICATED
CASES IN GLAUCOMA

2013

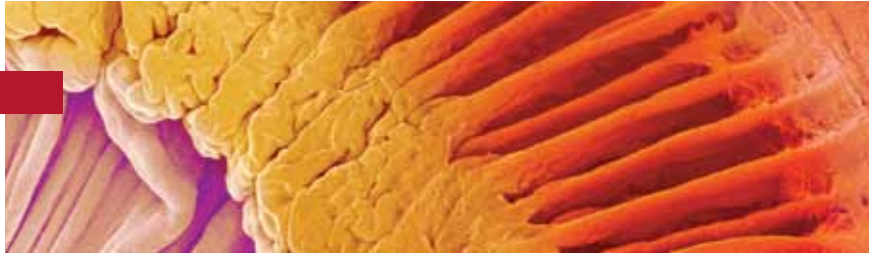
Wednesday, May 22, 2013

Illinois Eye and Ear Infirmary

UIC Department of Ophthalmology & Visual Sciences

*Excellence in eyecare | research | education for over **150 years***

MAY 22, 2013



NEW ADVANCES START HERE

agenda

Learn about the latest research developments and clinical advancements in the diagnosis and treatment of glaucoma.

who will benefit

Glaucoma specialists, general ophthalmologists, optometrists, fellows, residents, ophthalmic technicians and clinical trial coordinators

learning objectives

Upon completion of this activity, participants should be able to:

- Identify factors associated with glaucoma including dietary factors
- Describe how to use ophthalmic imaging in the diagnosis and management of glaucoma
- Develop a protocol for their practices about how to initiate and modify medical therapy of glaucoma
- Articulate the role of oxidative stress in the development and progression of glaucoma
- Articulate new developments in the surgical management of glaucoma

CME credit and accreditation

The University of Illinois at Chicago (UIC) College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. This live activity is designated for a maximum of 7 AMA PRA Category 1 Credit(s).™ Physicians should claim only the credit commensurate with the extent of their participation in the activity. Optometrists can claim Continuing Education credit commensurate with the extent of their participation in the activity.

location

Illinois Eye and Ear Infirmary

UIC Department of Ophthalmology & Visual Sciences
1855 West Taylor Street, Chicago, IL 60612

The Illinois Eye and Ear Infirmary gratefully acknowledges medical education support for the 2013 Glaucoma Symposium from Heidelberg Engineering and Merck.

SAMUEL SCHOENBERG MEMORIAL LECTURE



Anne L. Coleman, MD, PhD

Fran and Ray Stark Professor of Ophthalmology

Jules Stein Eye Institute, David Geffen School of Medicine at UCLA

Professor of Epidemiology, UCLA Jonathan and Karin Fielding School of Public Health

Dr. Coleman has made numerous professional contributions at the interface of ophthalmology and public health. Her research, supported by wide-ranging NIH grant funding, is focused on the diagnosis, treatment, genetic-environment interactions and societal impact of glaucoma, cataracts and age-related macular degeneration, including the study of lifestyle limitations imposed on patients with these eye diseases. A recent project illustrating how publicly available data can augment clinical insight, published in the *Journal of American Medical Association* and summarized in the *New York Times*, identified lower rates of hip fractures among elderly patients who had elective surgery to treat their cataracts. Dr. Coleman also is actively involved in national outreach programs in ophthalmology as the chair of a 14-member panel of experts overseeing the National Eye Health Educational Program of the National Eye Institute and as the Secretary of Quality of Care for the American Academy of Ophthalmology. She is the founding director of the AAO's H. Dunbar Hoskins Center for Quality of Care, through which she has facilitated efforts of ophthalmic professionals to engage in comparative effectiveness research and to develop patient-centered guidelines. Dr. Coleman, who received her medical degree from the Medical College of Virginia, completed her residency in ophthalmology at the Illinois Eye and Ear Infirmary in 1988. She subsequently pursued fellowship training in glaucoma at the Johns Hopkins University's Wilmer Eye Institute, joined the faculty of the UCLA Jules Stein Eye Institute in 1990, and with support from an NEI-funded career-development award earned a Ph.D. in epidemiology from UCLA in 1997.

WILENSKY GLAUCOMA LECTURE



Carla Siegfried, MD

Professor of Ophthalmology

Washington University School of Medicine

Dr. Siegfried is a clinician-scientist whose translational research investigates the sources of oxidative damage and the oxidant-antioxidant balance within the eye and how it is related to the risk of developing open angle glaucoma. She is PI of a National Eye Institute R01 grant, R01-EY021515, "Ocular Oxygen Metabolism and the Etiology of Open Angle Glaucoma," which is aimed at elucidating how intraocular oxygen levels are associated with oxidative damage and depletion of antioxidant protection. She has directed and co-directed numerous clinical studies of diagnostic and therapeutic assessment of glaucoma, including pharmacological, surgical, laser treatment and minimally invasive glaucoma procedures. Dr. Siegfried chairs the American Academy of Ophthalmology's Annual Meeting Program Subcommittee for Glaucoma and serves on the AAO Ethics Committee. She received the AAO Secretariat Award in 2012. She also serves on the Annual Meeting Program Committee of the American Glaucoma Society. Dr. Siegfried, who received her medical degree from the Kansas City School of Medicine, University of Missouri, completed her residency in ophthalmology at the Illinois Eye and Ear Infirmary in 1993. She completed a fellowship in glaucoma at Northwestern University Medical School.

INVITED SPEAKERS

Anne L. Coleman, MD, PhD

Fran and Ray Stark Professor of Ophthalmology
Jules Stein Eye Institute, David Geffen School of Medicine at UCLA
Professor of Epidemiology, UCLA Jonathan and Karin Fielding
School of Public Health

Carla Siegfried, MD

Professor of Ophthalmology
Washington University School of Medicine

COURSE FACULTY

COURSE DIRECTORS

Ahmad A. Aref, MD

Assistant Professor of Ophthalmology

Thasarat S. Vajaranant, MD

Assistant Professor of Ophthalmology
Director, Glaucoma Service

Jacob T. Wilensky, MD

Jacob T. Wilensky, MD, Professor of Ophthalmology

GUEST FACULTY

Michael Chaglasian, OD

Associate Professor, Illinois College of Optometry
Chief of Staff, Illinois Eye Institute

Daniel K. Roberts, OD, PhD

Professor
Illinois College of Optometry

THE EYE INFIRMARY FACULTY

Ahmad A. Aref, MD

David S. Hillman, MD

Assistant Professor of Clinical Ophthalmology

Charlotte E. Joslin, OD, PhD

Associate Professor Ophthalmology

Chirag Patel, MD

Clinical Fellow in Glaucoma

Sriram M. Sonty, MD

Clinical Associate Professor of Ophthalmology

Thasarat S. Vajaranant, MD

Rohit Varma, MD, MPH

Professor of Ophthalmology
Chair, Illinois Eye and Ear Infirmary

Jacob T. Wilensky, MD



Rohit Varma, MD, MPH

Chair, Illinois Eye and Ear Infirmary, UIC Department of Ophthalmology & Visual Sciences
Associate Dean for Strategic Planning, University of Illinois College of Medicine—Chicago

On behalf of the Illinois Eye and Ear Infirmary, UIC Department of Ophthalmology & Visual Sciences, I am pleased to invite you to our 2013 Glaucoma Symposium. Our course brings together the leading authorities on the diagnosis and management of glaucoma from the Eye Infirmary and the U.S. The course will emphasize evidence-based management of glaucoma and present the latest research developments and clinical advancements in treatment of open-angle and exfoliation syndrome glaucoma. A highlight of the course will be presentations by two leading clinician-scientists in the field, Dr. Anne Coleman and Dr. Carla Siegfried. They both are alumnae of our residency program; we are honored to welcome them back to the Illinois Eye and Ear Infirmary to share their expertise. With over 150 years of excellence in patient care, research and education, the Illinois Eye and Ear Infirmary is delighted to offer this course.

FACULTY DISCLOSURE The University of Illinois, in an effort to comply with the Standards and Policies set forth by the Accreditation Council for Continuing Medical Education (ACCME) requires that all faculty members demonstrate balance, independence, objectivity, and scientific rigor in their presentations. All faculty members will disclose significant financial interests or relationships with organizations that provide products, services, or equipment being discussed during a presentation. Faculty members are also required to inform the audience of any presentation of a medical device, product, or pharmaceutical that has not been approved for such purpose by the FDA. Financial and "off-label" disclosure statements by the faculty will be made at the outset of each presentation so participants may form their own opinion about each presentation.

PROGRAM wednesday, may 22, 2013 | 8am - 5pm

REGISTRATION

WELCOME **Jacob Wilensky, MD**

MORNING

Quantification of Iris Transillumination Defects in Pigment Dispersion **Daniel Roberts, OD, PhD**

Utility of Amniotic Membrane Tissue in Bleb Revision Surgery **Chirag Patel, MD**

Medical Therapy of Glaucoma **David Hillman, MD**

Tips & Tools for Management of Zonular Weakness in Cataract Surgery **Ahmad Aref, MD**

Glaucoma Outcomes in AREDS **Charlotte Joslin, OD, PhD**

Blood Pressure and Glaucoma **Anne Coleman, MD, PhD**

WILENSKY GLAUCOMA LECTURE

Introduction **Jacob Wilensky, MD**

Oxygen: A Novel Biomarker for Glaucoma? **Carla Siegfried, MD**

Pearls for the Beginning MIGS Surgeon **Ahmad Aref, MD**

Case Presentations **Sriram Sonty, MD**

AFTERNOON

SAMUEL SCHOENBERG MEMORIAL LECTURE

Introduction **Jacob Wilensky, MD**

Advances in Glaucoma Surgery **Anne Coleman, MD, PhD**

Are Generic Medications Really Equivalent? **Carla Siegfried, MD**

Risk Factors in Open Angle Glaucoma **Rohit Varma, MD, MPH**

Evaluating Suspicious Optic Nerves: Pearls and Pitfalls **Thasarat Vajaranant, MD**

Tonometry: What's New? **Jacob Wilensky, MD**

Recognizing Glaucomatous Visual Field Progression **Michael Chaglasian, OD**

Case Presentations **Sriram Sonty, MD**

A detailed schedule, including lecture times, can be found online at:

www.chicago.medicine.uic.edu/eye-courses

REGISTER ONLINE www.signmeup.com/89078

REGISTRATION

Advanced registration required. A \$40 processing fee for CME or CE credit will be assessed for participants requesting CME or CE credit. Physicians and Optometrists may request CME or CE credit commensurate with their attendance.

If you cannot register online, contact **Steve Svoboda:**

Phone: (312) 996-6591 • Fax: (312) 413-7929 • ssvoboda@uic.edu

ON THE COVER: Color-enhanced scanning electron micrograph of the ciliary body of the human eye.

Photo by Susumu Nishinaga / Science Source

2013 GLAUCOMA SYMPOSIUM

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Illinois Eye and Ear Infirmary

UIC Department of Ophthalmology & Visual Sciences

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upcoming symposia

June 21, 2013

37th Annual Alumni Resident Day

July 31–August 3, 2013

Midwest Ocular Angiography Conference (MOAC)

September 20, 2013

2013 Cornea Symposium

September 28, 2013

Pediatric Ophthalmology for the Non-Ophthalmologist

www.chicago.medicine.uic.edu/eye-courses