36th Annual Midwest Glaucoma Symposium
Setting New Standards in Glaucoma

September 27 – 28, 2013
University Club • Pittsburgh, PA

Course Director
Nils A. Loewen, MD, PhD
Assistant Professor of Ophthalmology
University of Pittsburgh
Director, Glaucoma Service
UPMC Eye Center

Course Co-Directors
Joel S. Schuman, MD, FACS
Eye & Ear Foundation Professor and Chairman
Department of Ophthalmology
Director, UPMC Eye Center
Director, Louis J. Fox Center for Vision Restoration

Ian Conner, MD, PhD
Assistant Professor of Ophthalmology
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Kimberly V. Miller, MD
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Sponsored by:
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences
and
UPMC Eye Center
Department of Ophthalmology

For online registration, visit:
https://cehs.upmc.com/liveFormalCourses.jsf
Overview

Glaucoma specialists deal with some of the most difficult cases and must analyze subjective and objective data to plan the best therapeutic approach. It’s estimated that in the United States and world-wide, the incidence of glaucoma will rapidly increase as the population ages and most will be unaware that they have it. This is a treatable disease. Recently there have been significant diagnostic and surgical advances in the field of glaucoma. The conference is devoted to providing the latest update in the diagnosis, evaluation, and management of glaucoma. An important feature of this conference is the generous time allotted in panel discussions to learn from the experts.

This conference is intended to update comprehensive and subspecialty ophthalmologists, fellows, residents, nurses, and other eye care professionals on the latest advances in glaucoma diagnosis and therapy, with special emphasis on both standard and novel surgical techniques.

Objectives

At the conclusion of this course, the participant will be able to:

- Identify progression of glaucoma and choose the next appropriate step in therapy
- Apply the latest information from clinical trials to one’s practice
- Knowledgeably approach the patient with both cataract and glaucoma
- Select the appropriate patient for surgery with shunts or tubes
- Diagnose and manage bleb complications
- Choose between the myriad of topical glaucoma medications

Who Should Attend

This course is geared toward comprehensive and subspecialty ophthalmologists, residents, fellows, nurses, and other eye care professionals.

Continuing Education Credit

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

The University of Pittsburgh School of Medicine designates this live activity for a maximum of 14.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded 1.4 continuing education units (CEU’s) which are equal to 14.0 contact hours.
**STRUCTURE II**

11:25 am  Imaging to Diagnose Glaucoma and Detect Progression  
Gadi Wollstein, MD

11:45 am  Structure/Function Studies and Neuroprotection  
Paul Kaufman, MD

12:05 pm  Biomechanics of the Optic Nerve  
Ian Sigal, MD

12:25 pm  Lunch — Ballroom A

1:25 pm  Glaucoma in the Visual Brain — Beyond the RNFL  
Ian Conner, MD, PhD

1:45 pm  Panel Discussion / Question & Answer Session

2:05 pm  **KAPETANSKY-ALLERGAN LECTURE**  
Continuous 24-hr. Monitoring of IOP  
Robert Weinreb, MD

**EPIDEMIOLOGY AND ECONOMICS**

2:50 pm  The Growing Glaucoma Prevalence  
David Friedman, MD, MPH, PhD

3:10 pm  Who Do We Need to Watch Most Closely?  
Paul Lee, MD, JD

3:30 pm  Break

3:45 pm  Role of Genetics in the Glaucoma Clinic:  
Anterior and Posterior Segment Genes  
Janey Wiggs, MD

4:05 pm  How to Survive in the Coming Health Care System  
Paul Lee, MD, JD

4:25 pm  **ALCON INTERNATIONAL LECTURE**  
Effect of Physician Remuneration Fees on Glaucoma Procedures  
Yvonne M. Buys, MD, FRCSC

5:15 pm  Friday Adjournment

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**Schedule — Saturday, September 28, 2013**

8:30 am  **INTRODUCTION**  
Nils Loewen, MD, PhD; Joel Schuman, MD, FACS;  
Kimberly Miller, MD; Ian Conner, MD, PhD

8:50 am  **COHEN-MERCK LECTURE**  
Pediatric Glaucoma  
Ken Nischal, MD, FRCPht

9:10 am  **GLAUCOMA SURGERY**  
Standardizing Trabeculectomy  
Leon Herndon, MD

9:30 am  Update on Drainage Device Implantation and Patch Techniques  
Dale Heuer, MD

9:50 am  Angle Closure: New Insights into Mechanism and Treatments  
David Friedman, MD, MPH, PhD

10:10 am  Comprehensive ECP  
Robert Noecker, MD, MBA

10:30 am  Panel Discussion / Question & Answer Session

10:50 am  Break

11:05 am  What Canal Surgery to Recommend  
Malik Kahook, MD

11:25 am  Key Steps to Making Trabectome Surgery Highly Successful  
Nils Loewen, MD, PhD

11:45 am  Panel Discussion:  
Special Considerations for Cornea and IOL Selection in Glaucoma  
Leela Raje, MD; Ian Conner, MD, PhD; Deepinder Dhaliwal, MD, LAc
12:05 pm  Video Symposium: Techniques and Disasters
Kimberly Miller, MD

12:25 pm  Lunch — Ballroom A

1:30 pm  KEYNOTE LECTURE
The RGC Index to Diagnose and Monitor Glaucoma
Robert Weinreb, MD

ELECTRONIC HEALTH RECORDS

2:15 pm  New Standards in Electronic Health Records:
Our Experience with the Most Mature Epic Instance in Ophthalmology
Joel Schuman, MD, FACS

2:35 pm  Coding and Compensation Today and Tomorrow
Mary Johnson, COMT, CPC, COE, CPMA

2:55 pm  Panel Discussion / Question & Answer Session

3:15 pm  Break

OUTLOOK

3:30 pm  Regenerative Medicine in Ophthalmology
Joel Schuman, MD, FACS

3:50 pm  Perspective on TM Stem Cells
Yiqin Du, MD, PhD

4:10 pm  Tools for Outflow Tract Bioengineering
Nils Loewen, MD, PhD

4:30 pm  Panel Discussion: Case Presentation

4:50 pm  Conference Adjournment

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Director, Glaucoma Service
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Pittsburgh, Pennsylvania

Guest Faculty
Yvonne M. Buys, MD, FRCSC
Professor of Ophthalmology & Visual Sciences
University of Toronto
Co-Director, Glaucoma Unit,
University Health Network
Toronto, Ontario, Canada

David S. Friedman, MD, MPH, PhD
Professor, Ophthalmology
Wilmer Eye Institute
Professor, International Health,
Johns Hopkins Bloomberg School of Public Health
Director Glaucoma Fellowship Program
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Leon W. Herndon, MD
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Department of Ophthalmology
Duke University School of Medicine
Durham, North Carolina

Dale K. Heuer, MD
Professor & Chairman of Ophthalmology
Director, Eye Institute
Medical College of Wisconsin
Milwaukee, Wisconsin

Mary Johnson, COMT, CPC, COE, CPMA
Senior Consultant
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Schedule is subject to change.
The University of Pittsburgh, as an educational institution and as an employer, values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, as fully explained in Policy 07-01-03, the University prohibits and will not engage in discrimination or harassment on the basis of race, color, religion, national origin, ancestry, sex, age, marital status, familial status, sexual orientation, gender identity and expression, genetic information, disability, or status as a veteran. The University also prohibits and will not engage in retaliation against any person who makes a claim of discrimination or harassment or who provides information in such an investigation. Further, the University will continue to take affirmative steps to support and advance these values consistent with the University’s mission. This policy applies to admissions, employment, and access to and treatment in University programs and activities. This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations. For information on University equal opportunity and affirmative action programs, please contact: University of Pittsburgh; Office of Affirmative Action, Diversity, and Inclusion; Carol W. Mohamed, Director (and Title IX, 504 and ADA Coordinator); 412 Bellefield Hall; 315 South Bellefield Avenue; Pittsburgh, PA 15260; 412-648-7860. For complete details on the University’s Nondiscrimination Policy, please refer to Policy 07-01-03. For information on how to file a complaint under this policy, please refer to Procedure 07-01-03.

Faculty for this activity has been required to disclose all relationships with any proprietary entity producing health care goods or services.
Registration

Registering online is the quickest and easiest way to reserve your space at CCEHS conferences.

1. Visit our online registration site at https://ccehs.upmc.com/liveFormalCourses.jsf
2. Click the **Registration** button and enter all the requested information (including an email address and follow the prompts to submit your registration after entering your payment information.
3. Print the automatic electronic registration confirmation email sent to the email address you provided us when you registered. If you do not receive this confirmation, please contact us at (412) 647-8313.

**Paper Registrations by Fax or Mail** (see contact information below)

If you are unable to register online please submit a request for paper form. UPMC employees whose registration fee will be remitted via journal transfer must request the paper registration form.

A confirmation letter will be faxed or mailed if registration is completed through the mail or fax by the pre-registration deadline. If you register online, you will receive an immediate email confirmation message.

*Please note: Registration is not complete until you receive this confirmation.* If you do not receive this letter within 5-7 days of registration, please contact us at (412) 647-8313 or (412) 683-7551.

You must bring this confirmation letter with you to the conference.

**Registration Fee** — $340.00

Registration fee for two days includes (for conference registrants only):

- Continuing education credit
- Registration and course materials
- Continental breakfast, refreshments and lunch

**Cancellation**

All cancellations must be in writing and sent to us via U.S. mail, email or fax. Tuition for cancellations postmarked or date stamped before or on September 16, 2013 will be completely refunded. After September 17, 2013, a $35 administrative fee will be assessed. No refunds will be made after September 25, 2013. Cancellation requests can be made to:

Mary Lindenfelder, GME
Senior Department Manager
UPMC Eye Center • 203 Lothrop Street, Suite 821.1
Pittsburgh, PA 15213 • (412) 647-5119 (fax)

The UPMC Center for Continuing Education in the Health Sciences reserves the right to cancel this program if sufficient registrations are not received. In the case of cancellation, the department will fully refund registration fees.

Meeting Location

The conference will be held at the [University Club](https://www.upmc.com) located on the University of Pittsburgh campus at 123 University Place, Pittsburgh, PA 15260.

Overnight Accommodations

The conference has contracted a limited number of hotel rooms at the [Hilton Garden Inn](https://www.hilton.com) for conference attendees. You may book a room by calling the hotel at (412) 683-2040 and asking for the Midwest Glaucoma block rate in order to receive our reduced rates. The special reduced rate is $149. These accommodations are not included in registration fee. If you experience any problems booking your room, please telephone the UPMC Eye Center at (412) 683-7551 or (412) 647-2256.

Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks in advance of the program by calling (412) 683-7551 or (412) 864-3283.

For Additional Information, Contact:

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