



Chandler-Grant Glaucoma Society

Founded 1982



**The Chandler-Grant
Glaucoma Society**

Biennial Spring Meeting

June 2 - 3, 2017

Boston, Massachusetts

2017 Chandler-Grant Honorary Lecturer New England Ophthalmological Society



Janey Wiggs, MD PhD

Associate Chief, Ophthalmology Clinical Research
Associate Director, Howe Laboratory
Massachusetts Eye and Ear Infirmary

Dr. Janey Wiggs is a clinician scientist specializing in the genetics of glaucoma with particular interest in complex and advanced glaucoma, and inherited ocular disorders. She directs the CLIA-certified clinical diagnostic laboratory where patients are tested for mutations in genes that can cause inherited retinal disorders, early-onset glaucoma or primary optic neuropathy. She also is the Associate Director of the Howe Laboratory and Associate Chief for Clinical Research at Mass. Eye and Ear. Among her leadership roles in Harvard Ophthalmology, she serves as Vice Chair for Clinical Research, Co-Director of the Glaucoma Center of Excellence, and leader of the Genetic Diagnostics Section of the Ocular Genomics Institute.

Dr. Wiggs attended Harvard Medical School (HMS), and completed her residency in the Harvard Ophthalmology Residency Training Program. She then completed fellowships in Glaucoma and Medical Genetics at Massachusetts Eye and Ear and Tufts University School of Medicine, respectively. She is board-certified in both Ophthalmology and Medical Genetics.

Using a uniquely collaborative and multidisciplinary approach, Dr. Wiggs aims to identify genetic factors that underlie various forms of glaucoma, including adult onset primary open angle glaucoma, pseudoexfoliation glaucoma, juvenile open angle glaucoma, and others. Her research, which has been continuously funded by the National Eye Institute for over 20 years, has provided critical information regarding the biology of the disease. Ongoing studies may greatly improve current methods of diagnosis, and lead to more effective and specific therapies.

Dr. Wiggs lectures nationally and internationally and is the recipient of numerous awards including the Alcon Research Institute award, the Lew R. Wasserman Merit Award from Research to Prevent Blindness and is a member of the American Ophthalmological Society. She instructs residents, fellows, and medical students in the Glaucoma Service at Mass. Eye and Ear. Because glaucoma is a chronic disease, a major emphasis of her teaching is in the early detection and long-term management of glaucoma as a means of preventing ultimate blindness from the disease. She has also organized two, full-day symposium addressing specific issues of human inherited ocular disease.

The Chandler-Grant Lecture and the New England Ophthalmological Society Glaucoma Session

Friday, June 2, 2017

Back Bay Event Center

“Updates on Glaucoma Management”

Moderator: James Umlas, MD

Program Committee Coordinator: Geoffrey Emerick, MD

- 8:30 a.m. Introduction – *James Umlas, MD*
- 8:35 a.m. New Directions in Glaucoma Medical Treatment
Cynthia Grosskreutz, MD, PhD
- 8:45 a.m. Ocular Perfusion Pressure: A Bankrupt Concept in Primary Open Angle Glaucoma?
Louis Pasquale, MD
- 8:55 a.m. Introduction of the Guest of Honor – David Greenfield, MD
James Umlas, MD
- 9:00 a.m. *GOH LECTURE* – Glaucoma at Low Tension: When Normal Isn’t Good Enough
David Greenfield, MD
- 9:20 a.m. Glaucoma Treatment and Surgery in the Advanced Elderly:
Considerations and Conundrums
Samuel Solish, MD
- 9:30 a.m. Update on Cyclophotocoagulation
Noelle Pruzan, MD
- 9:40 a.m. NEOS Business Meeting and Break
- 10:25 a.m. Introduction of the Chandler-Grant Lecture – *Joel Schuman, MD*
- 10:30 a.m. *CGGS LECTURE* – Glaucoma Genetics: Bringing the Lab to the Clinic
Janey Wiggs, MD, PhD
- 11:00 a.m. Short-Term Enhancement of Visual Field Sensitivity in Glaucomatous Eyes
Following Surgical Intraocular Pressure (IOP) Reduction
David Greenfield, MD
- 11:20 a.m. Panel Discussion – *James Umlas, MD; Moderator*
David Greenfield, MD; Cynthia Grosskreutz, MD, PhD; Louis Pasquale, MD;
Noelle Pruzan, MD; Samuel Solish, MD
- 11:45 a.m. Session Adjourns

Chandler-Grant Glaucoma Society Symposium

Saturday, June 3, 2017

Meltzer Auditorium and MEEI Wetlab
Massachusetts Eye and Ear Infirmary

- 7:30 a.m. Registration and Continental Breakfast
- 8:00 a.m. Welcome and Introduction – *Cynthia Mattox, MD*
- 8:05 a.m. Preventing Chronic Migraine-A New Paradigm – *B. Thomas Hutchinson, MD*
8:12 a.m. Discussion
- 8:20 a.m. Q: Failed Tube Shunt? A: Trabeculectomy? – *Husam Ansari, MD, PhD*
8:27 a.m. Discussion
- 8:35 a.m. Tgoal and the Treatment Escalator – *Nalini Madiwale, MD*
8:42 a.m. Discussion
- 8:50 a.m. It seemed like a routine phaco... – *Allison Soneru, MD*
8:57 a.m. Discussion
- 9:06 a.m. Phaco-Trabectome for the Top 1% – *Peter Zachharia, MD*
9:13 a.m. Discussion
- 9:21 a.m. MIGS Regulatory Process – *Julie Kim, MD*
9:28 a.m. Discussion
- 9:36 a.m. Early Experience with XEN – *Ian Conner, MD, PhD*
9:43 a.m. Discussion
- 9:55 a.m. Introduction to Wetlab Format – *Cynthia Mattox, MD*
- 10:00 a.m. Refreshment Break
- 10:20 a.m. Wetlab Session – *MEEI 3rd Floor*
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|----------------------|---|
| Alcon: <i>CyPass</i> | Glaukos: <i>iStent</i> |
| Allergan: <i>XEN</i> | New World Medical: <i>Kahook Dual Blade</i> |
- 12:30 p.m. Session Adjourns
- 12:35 p.m. Buffet lunch in the MEEI Café – *7th Floor*

See last page for CME accreditation information

About the Chandler-Grant Glaucoma Society

The Chandler-Grant Glaucoma Society was established in 1982 by David G. Campbell, MD, David L. Epstein, MD, B. Thomas Hutchinson, MD and Richard J. Simmons, MD. The Society is composed of fellows of previous glaucoma fellows of the Massachusetts Eye and Ear Infirmary, and their progeny.

The mission of the Society is to provide a professional and collegial atmosphere that sustained high ethical and moral values. The Society promotes the high level of academic and professional excellents and honesty exemplified by Drs. Chandler and Grant.

Professional activities focus on the prevention of blindness due to glaucoma through integration of research and clinical disciplines.

Social activities perpetuate the professional, scientific and collegial values of the Society.

The society sponsors the biennial Chandler-Grant Lectureship given during the June New England Ophthalmological Society meeting, and an associated clinical symposium.



Paul A. Chandler, MD

1896 - 1987

- Hastings College
- Harvard Medical School
- Dr. Chandler did 18 months of residency at the MEEI without a prior internship
- Practiced with Eugene C. Foote, MD in Nebraska
- Invited by George S. Derby, MD, Chief of Ophthalmology at MEEI, to join the faculty
- Dr. Chandler helped establish a Glaucoma Service at MEEI in the 1940s
- The Paul A. Chandler visiting professorship was started by Dr. David G. Cogan, Chief of Ophthalmology at MEEI
- In 1986, the Harvard Medical School established the Paul A. Chandler visiting Professorship of Ophthalmology
- Retired at age 82



W. Morton Grant, MD

1915 - 2001

- Harvard University, finished Bachelor of Science in 3 years
- Harvard Medical School
- Internship at the Henry Ford Hospital in Detroit, Michigan
- Dr. Grant never took a residency in ophthalmology. His interest in laboratory investigation was too strong.
- His first job was at the Howe Laboratory at MEEI
- Dr. Grant was the first director of the MEEI Glaucoma Consultation Service
- With Paul Chandler, he wrote several editions of the highly respected textbook Glaucoma, which originated from a series of lectures he and Dr. Chandler gave to the New England Ophthalmological Society
- Dr. Grant wrote several editions of the textbook, Toxicology of the Eye
- David Glendenning Cogan Professor of Ophthalmology, Emeritus, Harvard Medical School

Chandler-Grant Glaucoma Society Leadership

Executive Committee

Joel S. Schuman, MD	President
Laura C. Fine, MD	Vice President
Malik Kahook, MD	Secretary-Treasurer
Cynthia Mattox, MD	President-elect

Administrative Office

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www.ChandlerGrantSociety.org

*Please send address or contact information to the
CGGS Administrative Office*

Membership applications are available online

Presidents of the Chandler-Grant Glaucoma Society

Joel S. Schuman, MD	2014 - 2017
Teresa Chen, MD	2012 - 2013
Paul Lee, MD	2010 - 2011
David S. Walton, MD	2008 - 2009
M. Bruce Shields, MD	2006 - 2007
David L. Epstein, MD	2004 - 2005
B. Thomas Hutchinson, MD	2002 - 2003
Steven V.L. Brown, MD	2000 - 2001
Richard J. Simmons, MD	1999
A. Robert Bellows, MD	1995 - 1998

Honorary Lecturers of the Chandler-Grant Glaucoma Society

Janey Wiggs, MD PhD	2017
Cynthia Mattox, MD	2015
Mark A. Latina, MD	2013
Martin Wand, MD	2011
Joel S. Schuman, MD	2009
Murray A. Johnstone, MD	2007
David S. Walton, MD	2005
David G. Campbell, MD	2003
A. Robert Bellows, MD	1999
David L. Epstein, MD	1997
M. Bruce Shields, MD	1995
E. Michael Van Buskirk, MD	1994
Richard F. Brubaker, MD	1992
B. Thomas Hutchinson, MD	1990
Richard J. Simmons, MD	1987
Robert N. Shaffer, MD	1985

Remembering and Honoring David L. Epstein, MD

by Joel S. Schuman, MD; President, Chandler-Grant Glaucoma Society



When I was an intern, we used to talk about the days of the giants. There was a time when giants walked the earth, and those of us in glaucoma, especially in the Chandler-Grant Glaucoma Society, can certainly name the giants who were in our fields. Paul Chandler, Morton Grant, Robert Shaffer, Bernard Becker and Otto Barkan. There were others.

David L. Epstein, MD, who passed away in 2014, was a true hero in our field. The consummate clinician-scientist, Dave convinced a generation of students to study and practice glaucoma, that it is important to think about our patients, and that the problems patients presented with were relevant and worth investigating. Further, if we did not understand the patient's problem, then it is our responsibility to take that problem to the laboratory and figure out its mechanism, how to cure it, and then bring that treatment back to the clinic.

Perhaps Dave's greatest legacy is the army of clinician-scientists whom he inspired throughout his years. He loved and lived his favorite quote from Sir Francis Bacon, passed down from Paul Chandler and posted by Dave in the Mass Eye and Ear Infirmary Glaucoma service:

I hold every man a debtor to his profession; from which as men of course do seek to receive countenance and profit, so ought they of duty to endeavor themselves by way of amends to be a help and ornament thereunto.

Dave summed up his philosophy succinctly and elegantly in his Weisenfeld Lecture at the 2013 Annual Meeting of ARVO. He said:

When you wake up in the morning, and when you look yourself in the mirror at night, are you proud of what you are doing? I truly believe that a lifetime of inquisitiveness in one's clinical laboratory will be a long-lasting source of ultimate satisfaction in one's career. Please maintain your passion! With patience and focus on what truly is important, meaningful success can come to you. If one focuses on what is truly important, the rest will take care of itself.

David L. Epstein

Clinician-Scientist Research Awards

David L. Epstein, MD Chandler Grant Glaucoma Society Clinician-Scientist Award was established in 2014 to support research in the field of glaucoma. Submissions are accepted from CGGS members who are within five years of completing their fellowship training.

2016 Award Winners

David Fleishman, MD MS
Assistant Professor of Ophthalmology
University of North Carolina School of Medicine
Chapel Hill, NC

Jeffrey R. SooHoo, MD
Assistant Professor of Ophthalmology
Associate Residency Program Director
University of Colorado School of Medicine
Aurora, CO

Previous Award Winners

Leonard Seibold, MD - 2014
Ian Conner, MD, PhD - 2014
Paula Anne Newman-Casey, MD, MS - 2015

CME Accreditation

This educational activity is jointly provided by the Indiana Academy of Ophthalmology and the Chandler-Grant Glaucoma Society

Target Audience

This activity has been designed to meet the educational needs of ophthalmologists. CGGS members, residents in training and fellows are invited to attend.

Learning Objectives

At the conclusion of this conference, the participant should be able to:

1. Describe new advances in treatment of glaucoma and potential patient benefits.
2. Discuss when surgical intervention in management of a glaucoma patient is appropriate and how to avoid potential adverse results.
3. Discuss new thinking in the prevention of chronic migraine.

Physician Accreditation Statement

This activity is planned and implemented by Indiana Academy of Ophthalmology (IAO) and the Chandler-Grant Glaucoma Society. IAO is accredited by the Indiana State Medical Association to provide continuing education for physicians.

Credit Designation for Physicians – IAO designates this live activity for a maximum of 2.0 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Attendees are required to submit a CME claim form upon departure from the conference. Please leave your form, along with the attached evaluation form, at the registration table when you leave the meeting. Thank you for your attention to this important item.

Disclosure of Conflicts of Interest

The IAO and CGGS require instructors, planners, managers and other individuals and their spouse/life partner who are in a position to control the content of this activity to disclose any real or apparent conflict of interest they may have as related to the content of this activity. All identified conflicts of interest are thoroughly vetted by IAO and CGGS for fair balance, scientific objectivity of studies mentioned in the materials or used as the basis for content, and appropriateness of patient care recommendations. Any conflicts of interest will be disclosed at the time of the meeting.

Contact Information

For information about the physician accreditation of this program please contact the Chandler-Grant Glaucoma Society at: 847-680-1666; email: Rich@RichardPaulAssociates.com

Americans with Disabilities Act

In compliance with the Americans with Disabilities Act, we will make every reasonable effort to accommodate your request. For any special requests, please contact the CGGS at: Rich@RichardPaulAssociates.com

Disclaimer

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed in this activity should not be used by clinicians without evaluation of patient conditions and possible contraindications on dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities.

Disclosure of Unlabeled Use

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. The planners of this activity do not recommend the use of any agent outside of the labeled indications. The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of the planners. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

Upcoming Meetings

The next meeting of the Chandler-Grant Glaucoma Society
will take place during the
American Academy of Ophthalmology Annual Meeting - 2017

New Orleans, Louisiana

Commander's Palace (tentative)

Saturday, November 11, 2017

Please join us for the business meeting prior to dinner and
be sure to bring your interesting cases for
"Wine with Chandler and Grant"