# OPTOMETRIC GLAUCOMA SOCIETY 18TH ANNUAL SCIENTIFIC MEETING





October 21-23, 2019
Hyatt Regency Orlando
9801 International Drive
Orlando, FL 32819

## **President's Welcome**



It is a great privilege and honor to welcome you to Orlando for the 18<sup>th</sup> scientific meeting of the Optometric Glaucoma Society. We are very proud to present this year's program showcasing some of the world's best scientific and clinical experts in glaucoma. The OGS continues to be a model of excellence in specialty education within optometry. The relationship with the Academy continues and allows us to share a snapshot of our world class OGS scientific meeting with our colleagues from outside the OGS.

This year we are extremely pleased to have Dr. Lou Pasquale as our 2019 OGS Honoree and Dr. Shan Lin for this year's President Award/Lecture. Our other major award recipient is Bill Swanson, PhD., receiving the Research Excellence Award, while longtime friend John Hawley will receive the Corporate Partnership award. I am equally pleased to welcome the remaining presenters: Connie Okeke MD, Brett King OD, Uday Kompella PhD., and Laura Pardon, OD MS, who is our OGS Ezell Fellow. As a special update we are very happy to welcome Mae Gordon PhD. to give to provide us with an update on OHTS, twenty-years after its initiation. I would like to thank all our presenters for the time and effort that they have put into this year's program and for sharing their knowledge with us.

Finally, I want to recognize the continued support from our all industry partners, particularly those at the Platinum Level: Baush+Lomb and Novartis and at the Gold Level: Aerie Pharmaceuticals and Carl Zeiss Meditec, for making this meeting possible. I view all of them as dedicated partners who support optometric glaucoma education and the OGS mission. Please visit with them during the breaks.

Enjoy Orlando, I look forward to seeing everyone again next year.

Michael Chaglasian, OD OGS President



#### Optometric Glaucoma Society 18th Annual Scientific Meeting October 21-23, 2019

Hyatt Regency Orlando 9801 International Drive Orlando, FL 32819

#### Monday, October 21, 2019

Convention Level, Gulf Room

4:00 – 5:30 PM Executive Committee Meeting

5:30 – 6:00 PM General Business Meeting (for all members)

Florida Ballroom A

6:00 – 8:00 PM Opening Reception

#### Tuesday, October 22, 2019

Convention Level, Florida Ballrooms ABC

7:20 – 7:50 AM Breakfast (opportunity to visit vendor exhibits)

7:50 AM Welcome Michael Chaglasian, OGS President

Session 1: Structural Analysis in Glaucoma Moderated by Brad Fortune

8:00 – 8:20 AM Optic Nerve Head Response to Short-term Laura Pardon, OGS Ezell Fellow

Intraocular Pressure Modulation in Non-human

**Primates** 

8:20 – 8:30 AM Discussion and Questions

8:30 – 9:05 AM Use of En Face RFNL Reflectance Images to Improve Bill Swanson, Research Excellence

Agreement Between Perimetry and Retinal Awardee

Imaging.

9:05 –9:15 AM Discussion and Questions

9:15 – 9:50 AM Adaptive Optics Gonioscopy of the Human Brett King

Trabecular Meshwork in Vivo

9:50 – 10:00 AM Discussion and Questions

10:00 – 10:30 AM Morning Break (opportunity to visit vendor

exhibits)

Session 2: Novel Glaucoma Therapy and Drug Delivery Moderated by Andrew Hartwick

10:30 – 11:05 AM The Role of Nitric Oxide in Glaucoma Louis Pasquale, OGS Honoree

11:05 – 11:15 AM Discussion and Questions

11:15 – 11:50 AM Extraocular, Periocular, and Intraocular Routes for Uday Kompella

Sustained Glaucoma Therapy

11:50 AM- Noon Discussion and Questions

Noon – 1:00 PM Lunch (opportunity to visit vendor exhibits)

#### Session 3: Glaucoma Management Updates I Moderated by Michael Sullivan-Mee

1:00 – 1:30 PM	Angle Closure Glaucoma: An Update on	Shan Lin, President's Lecture
	Management	
1:30 - 1:40 PM	Discussion and Questions	
1:40 – 2:10 PM	MIGS – What is Available and How Do We Choose?	Constance Okeke
2:10 - 2:20 PM	Discussion and Questions	
2:20 - 2:50 PM	Exfoliation Syndrome: Nanosphere to Stratosphere	Louis Pasquale, OGS Honoree
2:50 - 3:00 PM	Discussion and Questions	
3:00 - 3:30 PM	Afternoon Break (opportunity to visit vendor	
	exhibits)	

#### Session 4: Glaucoma Management Updates II Moderated by Richard Madonna

3:30 - 4:00 PM	What is New in Glaucoma Medical Therapy?	Constance Okeke
4:00 - 4:10 PM	Discussion and Questions	
4:10-4:40 PM	Alternative Therapies in Glaucoma Treatment	Shan Lin
4:40 – 4:50 PM	Discussion and Questions	
4:50-5:20 PM	Can AI Help You with Managing Glaucoma?	Louis Pasquale, OGS Honoree
5:20 - 5:30 PM	Discussion and Questions	

#### Session 5: Incidence and Progression of POAG: A Discussion of Recent Findings from OHTS

#### Moderated by Murray Fingeret

5:30 – 5:40 PM	Updates on Phase 3 of the OHTS	Mae Gordon
5:40 – 6:00 PM	Panel Discussion	All Speakers

#### Plaza International Ballroom E&F

6:30 - 9:30 PM Reception and Dinner

#### **COPE**

The October 22<sup>nd</sup> OGS Meeting is approved for COPE credit.

Please have your forms stamped as you exit.

We do not upload attendance data to ARBO.

Please self-report with the event and course numbers found on your attendance certificate.

#### Wednesday, October 23, 2019 OGS/AAO Joint Symposium

Orange County Convention Center Tangerine WF2

8:00 - 8:25 AM	The Role of Nitric Oxide in Glaucoma	Louis Pasquale
8:25 - 8:30 AM	Discussion and Questions	
8:30 - 8:55 AM	Extraocular, Periocular, and Intraocular Routes for Sustained Glaucoma	Uday Kompella
	Therapy	
8:55 -9:00 AM	Discussion and Questions	
9:00 - 9:25 AM	Angle Closure Glaucoma: An Update on Management	Shan Lin
9:25 - 9:30 AM	Discussion and Questions	
9:30 - 9:40 AM	Panel Discussion	

# **Speakers & Awardees**



# John Hawley Corporate Partnership Award

John entered eyecare in 1983 as a service technician repairing Octopus visual field instruments before moving into sales.

John started Heidelberg Engineering in the US and ran it for 12 years, he was present at the installation of the first HRT in 1991 and introduced the HRT2 and Spectralis platforms.

For the past 10 years John has worked with Optovue where he was VP of Global sales. During his tenure they released the iVue, iFusion, iScan and Avanti platforms. The culmination he believes is the AngioVue which is giving new insight into eye diseases such as AMD, Diabetic Retinopathy and Glaucoma.

His decision to retire from the International and National scene is allowing John to work with the doctors in Michigan and bring cutting edge diagnostic instrumentation and products to your offices. John's hope is to help make your offices more efficient and help you offer the highest level of diagnostics to your patients.



#### **Brett King, OD**

Dr. King received his Doctor of Optometry degree from Indiana University and then strengthened his medical experience by completing an optometric fellowship with Hunkeler Eye Centers in Kansas City. He returned to Indiana University as chief of the advanced ocular care service to provide consultative and medical care at the School of Optometry. In addition to his clinic, Dr. King regularly develops and presents lectures on glaucoma management and retinal disease. Dr. King has helped conduct over 40 clinical trials and now focuses on translational research specifically using advanced imaging techniques in the study of glaucoma progression and retinal atrophy.



#### **Uday Kompella, PhD**

Uday B. Kompella is a Professor of Pharmaceutical Sciences, Ophthalmology, and Bioengineering at University of Colorado Denver. Dr. Kompella is also a Co-director of the Colorado Center for Nanomedicine and Nanosafety. Dr. Kompella's research interests include nanotechnology, drug delivery, and drug discovery, with a key focus on treating inflammatory, neovascular, and degenerative diseases of the eye. Dr. Kompella is a Fellow of the Association for Research in Vision and Ophthalmology (ARVO) and the American Association of Pharmaceutical Scientists (AAPS). He was recognized with Distinguished Scientist and Distinguished Teacher awards at University of Nebraska and the Dean's Mentoring Award for Exemplary Thesis Advising at University of Colorado Denver. Dr. Kompella is a recipient of the 2012 ARVO Foundation for Eye Research/Pfizer Ophthalmics/Carl Camras Translational Research Award in Ophthalmology. He serves as the Editor-in-Chief of the journal Expert

Opinion on Drug Delivery, as an editor for the journal, Pharmaceutical Research, and as an Associated Editor for the Journal of Ocular Pharmacology and Therapeutics. Dr. Kompella co-edited three books: Drug Product Development for the Back of the Eye (2011), Nanoparticle Technology for Drug Delivery (2006), and Supercritical Fluid Technology for Drug Product Development (2004). Dr. Kompella's research was published in over 180 scientific papers and book chapters. Dr. Kompella consulted for over 40 pharmaceutical companies/organizations and served on 5 scientific advisory boards including that of The Glaucoma Foundation. Four companies were based on the technologies developed in Dr. Kompella's laboratory.



Shan Lin, MD
President's Lecturer

Dr. Shan Lin received his undergraduate degree from the University of California, Berkeley and completed his medical school training at Tufts University School of Medicine. He completed his ophthalmology residency and glaucoma fellowship training at the University of California, San Francisco (UCSF). He has previously been Professor of Clinical Ophthalmology at UCSF, including Director of the UCSF Glaucoma Service, and at the Zuckerberg San Francisco General Hospital. Other leadership positions include Executive Vice President of the World Glaucoma Association and Chair of the Ambassador Committee for the American Glaucoma Society.

Dr. Lin has been selected annually for 'Best Doctors' in the U.S. since 2009. He has received the American Academy of Ophthalmology's Achievement Award, Secretariat Award, and

Senior Achievement Award. He is on the editorial boards for the American Journal of Ophthalmology, Journal of Glaucoma, and American Journal of Ophthalmology Case Reports. Dr. Lin has given numerous named lectures and speaks at ophthalmology meetings nationally and internationally.

Dr. Lin's areas of interest include angle-closure glaucoma, glaucoma among Asians, cyclophotocoagulation for the treatment of glaucoma, and the role of cataract surgery in glaucoma treatment. His past honors include the Heed Fellowship Award (Heed Foundation), the Mid-Career Award (American Glaucoma Society), and the Glaucoma Foundation's Clinician-Scientist Awards. He has also been funded as a Principal Investigator by the National Institutes of Health, including as the Principal Investigator at UCSF for the Ocular Hypertension Treatment Study (OHTS). In addition, Dr. Lin has been the Principal Investigator in San Francisco for many industry-sponsored clinical trials, including the Memantine Glaucoma Trial by Allergan and the Ranibizumab- Adjunctive Study for Ahmed Valve Surgery by Genentech.

Dr. Lin speaks some Mandarin Chinese.



#### **Constance Okeke, MD**

Dr. Constance Okeke is a board-certified ophthalmologist who has practiced ophthalmology since 2001. She attended undergraduate and medical school training at Yale, ophthalmology residency at Wilmer Eye Institute and fellowship training in glaucoma at Bascom Palmer. Post fellowship experience includes 4 years in an academic research setting at UPenn/Scheie Eye, where she earned a Master of Science in Clinical Epidemiology.

Dr. Okeke has a specialty in glaucoma and cataract surgery and currently sees patients in Norfolk, VA. She is a Fellow of the American Academy of Ophthalmology, a member of the American Glaucoma Society and the Association for Research Vision and Ophthalmology, and also serves as an editorial advisory board member for the Glaucoma Today, Glaucoma Physician and CollaborativeEye publications. The Building Blocks of Trabectome Surgery: A Step-by-Step

Approach for Patient Selection is her first book and she has a educational YouTube channel featuring these latest surgical glaucoma techniques: iGlaucoma. Dr. Okeke is a pioneer in the area of MIGS, or micro invasive glaucoma surgery.

Her education, training, research, social outreach, and philanthropic missionary work has taken her all over the world including England, Austria, Costa Rica, Ghana and Nigeria. Dr. Okeke strives to increase awareness of glaucoma because it is such a prevalent disease in a population of people who do not even know that they have it. She has extensive experience in clinical research which she began as a Yale college student and has designed and implemented numerous clinical trials, as well as published extensively in the professional literature on the subject of glaucoma. She is committed to spreading awareness about glaucoma through education, spearheading campaigns with community organizations, and creating call-to-action initiatives through her writing and public speaking.



Laura Pardon, OD, MS, FAAO
OGS Ezell Fellow

Dr. Laura Pardon received a Bachelor of Science degree in Molecular and Cellular Biology and Psychology from the University of Illinois at Urbana-Champaign. She then attended Indiana University, where she earned Doctor of Optometry and MS in Vision Science degrees. Following graduation, Laura completed a residency in Ocular Disease/Primary Care at the VA New York Harbor Healthcare System. Laura is currently in the 5<sup>th</sup> year of the PhD program in Physiological Optics and Vision Science at the University of Houston College of Optometry. Her research uses optical coherence tomography and ultrasonography to investigate normal variations in optic nerve structure, as well as structural changes in pathologies involving abnormal intracranial or

intraocular pressures, in humans and non-human primates.



# Louis Pasquale, MD OGS Honoree

Dr. Pasquale is glaucoma specialist with special interest in the management of primary openangle glaucoma, particularly in cases with progressive disease despite seemingly normal intraocular pressure. Dr. Pasquale serves on the editorial board of the following journals: PLOS One, Journal of Glaucoma, International Glaucoma Review, Asia Pacific Journal of Ophthalmology, Ophthalmology Glaucoma and American Journal of Ophthalmology. He is a member of the National Institute of Health's National Advisory Eye Council and serves ARVO as the Glaucoma Section Trustee. Furthermore, he is a member of the American Ophthalmological Society and the Glaucoma Research Society. He has published extensively

and given numerous named lectures as well as keynote presentations throughout the world. Dr. Pasquale is an NIH Principal Investigator with continuous support since 2006. His research, which leverages the rich resources available in the Nurses' Health Study, Health Professional Follow-up Study and the Women's Genome Health Study, focuses on the discovery of primary prevention strategies in the open-angle glaucomas. His work has highlighted environmental risk factors for exfoliation syndrome, the most common form of secondary open angle glaucoma, and the role nitric oxide signaling plays in the pathogenesis of primary open angle glaucoma. Finally, he has contributed to resolving the complex genetic landscape of primary open-angle glaucoma.



# William Swanson, PhD Research Excellence Award

William H. Swanson received his Ph.D. in Biophysics and Theoretical Biology in 1984 from the University of Chicago, where he also completed a postdoctoral fellowship in Ophthalmology and Visual Science from 1984 to 1987. From 1987 to 1999, he performed clinically-oriented research on a range of eye diseases at the Retina Foundation of the Southwest in Dallas, Texas, where he became a Senior Research Scientist and Assistant Research Director. In 1999 Dr. Swanson moved to SUNY State College of Optometry in New York, where his research focused exclusively on glaucoma, and he achieved the rank of full Professor in 2002. In 2006 Dr. Swanson joined the faculty at Indiana University School of Optometry.

Dr. Swanson has published numerous articles about his research and has frequently presented his work at national and international conferences. He is a member of several professional organizations: American Academy of Optometry, Association for Research in Vision and Ophthalmology, Optometric Glaucoma Society, Imaging and Perimetry Society, and Glaucoma Progression Scholars. Dr. Swanson's honors include the SUNY Chancellor's Award for Excellence in Research, Fellow American Academy of Optometry, SUNY Chancellor's Award for Excellence in Scholarship and Creative Activities, New York State Optometric Association Distinguished Service Award, and Silver Fellow Association for Research in Vision and Ophthalmology.

His research has been funded by NIH since 1991, during which time he has served as a consultant for the National Eye Institute, the Food & Drug Administration, Veteran's Affairs, Fight for Sight, and for several businesses (Alcon Laboratories, Neurotech, Carl Zeiss Meditec, Heidelberg Engineering).

#### **OGS Mission Statement**

The Optometric Glaucoma Society (OGS) mission is to promote excellence in care of glaucoma patients through professional education and scientific investigation. The society's major objectives are to promote education of optometrists related to all aspects of glaucoma; promote the acquisition of new knowledge about glaucoma, in part through the development of glaucoma research within optometry; facilitate the dissemination of information about glaucoma to healthcare providers and the public; and establish collaborative relationship with other related organizations.



**OGS 2018 Annual Meeting Attendees, San Antonio, TX** 

#### **OGS Leadership & Committees**

#### **Officers/Executive Committee**

Michael Chaglasian — President
Richard Madonna — Vice President
Eric Schmidt — Treasurer
Danica Marrelli — Secretary
Ben Gaddie — Executive Vice President

#### **Past Presidents**

Murray Fingeret 2001-2008 John Flanagan 2008-2012 Ben Gaddie 2012-2016

#### Members at Large

Derek MacDonald Justin Schweitzer

#### **By-Laws**

Daniel Roberts - Chair

#### **Industry Relations**

**Chris Lievens** 

#### **Nominating**

John McSoley- Chair

#### **Membership & Recruitment**

Mark Dunbar — Membership Co-Chair Tony Litwak — Recruiting — Co-Chair Barry Frauens Richard Madonna Trennda Rittenbach Justin Schweitzer Sarah Wood

#### Program

Suresh Visvanathan – Chair Richard Madonna Leo Semes

#### **E-Journal / PCON Newsletter**

Carl Jacobsen — Chair Scott Anthony Derek MacDonald Lisa Young The Optometric Glaucoma
Society would like to
congratulate Murray Fingeret
on being inducted into the
National Optometry Hall of
Fame.



Since 1998, the National Optometry Hall of Fame has recognized and honored optometrists who

are luminaries of the professions — those who have made significant and long-lasting contributions to the optometric profession. The National Optometry Hall of Fame is currently administered by Optometry Cares — The AOA Foundation.

Nominations for the 2019 National Optometry Hall of Fame were accepted until February 12. The inductees will be honored on June 20, 2019 at Optometry's Meeting in St. Louis.



Murray Fingeret, O.D., earned his optometry degree in 1976 from The New England College of Optometry. Dr. Fingeret then completed a primary care residency program at the Genesee Valley Group Health Association, Joseph C. Wilson Health Center in Rochester, New York. He served two years as staff optometrist there and became chief of the optometry section at Birmingham Veterans Administration Medical Center in 1980, and three years later chief of the optometry section at the Department of Veterans Affairs Medical Center, New York Harbor Health Care System, Brooklyn and St. Albans Campus, in Queens, New York, where he has served veterans for more than 30 years. His efforts in education, professional collaboration and clinical research in the area of glaucoma have benefited all optometrists and the patients under their care. He founded and served as the first president of the Optometric Glaucoma Society. He is an active member of the AOA and the New York State Optometric Association and has served on the AOA's New Technologies Committee.

## **Optometric Glaucoma Foundation**

#### **Mission Statement**

The mission of the Optometric Glaucoma Foundation is to support glaucoma education for the optometric profession. This includes supporting and developing educational programs for students, residents, educators and practitioners. The OGF will work with different groups to meet our goals including industry and educational institutions, as well as optometric and ophthalmologic organizations.

3<sup>rd</sup> Annual Educators Program Saturday, September 14, 2019 Illinois College of Optometry Chicago, IL

The Optometric Glaucoma Foundation held its 3<sup>rd</sup> Annual Glaucoma Educators meeting at the Illinois College of Optometry on September 14<sup>th</sup>, 2019. The objective is to bring together individuals involved in the teaching of glaucoma at the schools and colleges of optometry and provide focused education to specific areas.

This year David Friedman, MD, PhD discussed patient communication, pointing out that this is a learned skill that is harder than it appears to become adept at it. Dr. Friedman also discussed the changing paradigm for treating angle closure glaucoma with the Eagle Study, pointing to the benefits of clear-lens extraction in certain situations. Howard Barnebey, MD then shared how glaucoma care is evolving with new medications and surgical devices becoming available that modify how we manage all levels of glaucoma care.

Faculty from 21 schools of optometry attended the program, among others. Our 4<sup>th</sup> Annual Glaucoma Educators meeting will be held at SUNY Optometry on Saturday, September 12<sup>th</sup>, 2020.



This event was made possible through the generous support of the following Sponsors:











## **OGS Annual Meetings**

#### **Dates** October 21-23, 2019 November 5-7, 2018 October 9-11, 2017 November 7-9, 2016 October 5-7, 2015 November 10-12, 2014 October 22-23, 2013 October 23-24, 2012 October 11-12, 2011 November 15-16, 2010 November 9-11, 2009 October 20-22, 2008 October 22-23, 2007 December 5-6, 2006 December 7, 2005 December 8, 2004 December 9, 2003 December 11, 2002

#### Location Orlando, FL San Antonio, TX Chicago, IL Anaheim, CA New Orleans, LA Denver, CO Seattle, WA Phoenix, AZ Boston, MA San Francisco, CA Orlando, FL Anaheim, CA Tampa, FL Denver, CO San Diego, CA Tampa, FL Dallas, TX San Diego, CA

# President's Lecturer Shan Lin, MD Robert Feldman, MD David Friedman, MD, MPH, PhD Felipe A. Medeiros, MD, PhD Jonathan S. Myers, MD Steven L. Mansberger, MD, MPH Anthony Realini, MD, MPH Brad Fortune, OD, PhD Keith Martin, MD, FRCOphth Kuldev Singh, MD, MPH Christopher A. Girkin, MD Theodore Krupin, MD David Greenfield, MD Balwantray Chauhan, PhD

#### **OGS Honoree** Louis Pasquale, MD L. Jay Katz, MD Robert Fechtner, MD George A. Cioffi, MD Mae Gordon, PhD David Garway-Heath, MD Claude Burgoyne, MD Jost Jonas, MD Jeffrey Liebmann, MD Wallace L.M. Alward, MD George L. Spaeth, MD Robert Ritch, MD Paul Kaufman, MD Harry Quigley, MD Stephen Drance, OC, MD Douglas R. Anderson, MD Anders Heijl, MD Robert N. Weinreb, MD

#### **OGS Ezell Fellows**

2018 Laura Pardon, OD, MS
2017 Nevin W. El-Nimri, OD, MS
2016 Jack Phu, BOptom, MPH
2015 Lakshmi Priya Rajagopalan, BS, PhD
2013 Kevin Ivers, OD, PhD
2012 Kevin Ivers, OD, PhD
2011 Nimesh Patel, OD, PhD
2010 Nimesh Patel, OD, PhD
2008 Joe Wheat, OD, PhD

#### **Distinguished Service Award**

2016 Ben Gaddie, OD 2013 John G. Flanagan, MCOPtom, PhD 2012 Louis J. Catania, OD 2011 Tom L. Lewis, OD, PhD 2010 V. Michael Patella, OD 2008 Murray Fingeret, OD

#### **Founders Award**

2016 Gerhard Zinser, PhD 2015 Harry A. Quigley, MD 2012 Robert N. Weinreb, MD 2011 Douglas R. Anderson, MD

#### **Research Excellence Award**

2019 William Swanson, PhD2014 Donald Hood, PhD2013 Ronald S. Harwerth, OD, PhD2009 Sir Peng Tee Khaw, MD, FRCOphth

#### **Corporate Partnership Award**

2019 John Hawley 2018 V. Michael Patella, OD 2016 Rick Halprin 2013 Richard D. Bay

## **Award Descriptions**

#### **Optometric Glaucoma Society Ezell Fellow**

The Optometric Glaucoma Society established an Ezell Fellowship in 2007, dedicated to fund post-graduate research in the area of glaucoma. The award is done in partnership with the American Optometric Foundation and meant to encourage talented individuals to pursue a career in research and education.

#### **Founders Award**

This award to is provided to an individual who has made significant contributions in research or patient care to the glaucoma community throughout their career.

#### **Distinguished Service Award**

This award is provided to an individual who has provided outstanding service to the growth and administration of the OGS.

#### **Research Excellence Award**

This award is provided to an individual researcher whose lifetime of work has led to a better understand of glaucoma.

#### **Corporate Partnership Award**

This award is provided to an individual has made significant contributions to the glaucoma community through their passion and dedication for product development and improvement.

#### **OGS Honoree**

The recipient of the OGS Honoree is an individual who has achieved noteworthy accomplishments in glaucoma patient care, research and education. Scholarly and leadership activities throughout the individual's career should be evident. A collegial interaction with optometry is desirable.

#### Don't forget about this OGS member only benefit! www.wga.one



#### **Your Dashboard**



Your profile



Education



**Publications** 

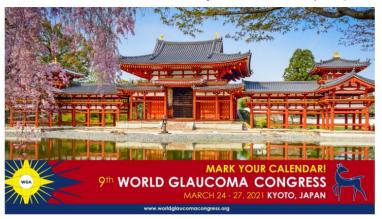


Our congress



#### WGC-2021

Plan ahead to attend our future World Glaucoma Congress in 2021: March 24-27, Kyoto, Japan

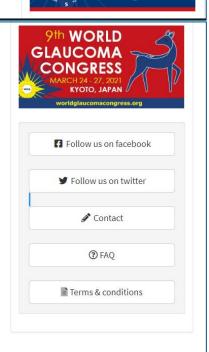


#### **Consensus Series**



The Consensus Series are published by Kugler Publications. Through the courtesy of the WGA and Kugler Publications, the PDF files of Consensus 1-8 are now available for download free of charge.

All WGA Consensus series publications



#### **Welcome New OGS Members**

#### **Greg Caldwell, OD**

Optometric Education Consultants Lilly, PA

#### Eric Conley, OD, MJ

Berke Eye Care Westbury, NY

#### **Bernard Dolan, OD**

Department of Veterans Affairs Medical Center San Francisco, CA

#### Milton M. Hom, OD

Canyon City Eyecare Azusa, CA

#### **Anupam Laul, OD**

State University of New York College of Optometry New York, NY

#### Andrea Yang, OD

State University of New York College of Optometry New York, NY

# Notes

# Notes

# **OGS Annual Meeting Sponsors**

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# **Gold Sponsors**





# **Silver Sponsors**



























#### **Optometric Glaucoma Society Membership List**

Anthony Adams, OD, PhD University of California, Berkeley School of Optometry Berkeley, CA

Paul Ajamian, OD Omni Eye Services Atlanta, GA

Charles Aldridge Jr, OD, MBA Burnsville, NC

Andrew Anderson, MScOptom, PhD
The University of Melbourne
Department of Optometry & Vision Sciences
Carlton, Victoria, Australia

**Douglas R. Anderson, MD**Bascom Palmer Eye Institute
Miami, FL

Scott Anthony, OD Louis Stokes Cleveland VA Medical Center Cleveland, OH

Paul H. Artes, MCOptom, PhD Dalhousie University Halifax, Nova Scotia, Canada

Jeffrey K. Austin, OD New Eyes Las Vegas, NV

Jimmy D. Bartlett, OD, ScD Birmingham, AL

Brett G. Bence, OD Northwest Eye Surgeons, PC Seattle, WA

**G. Richard Bennett, OD, MS**The Eye Institute
Pennsylvania College of Optometry
Philadelphia, PA

Matthew D. Bovenzi, OD State University of New York College of Optometry New York, NY

Karen Walker Brandreth, OD University of California, Berkeley School of Optometry Berkeley, CA **Greg A. Caldwell, OD**Optometric Education Consultants
Lilly, PA

Tom Callan, OD Carl Zeiss Meditec Dublin, CA

Anthony A. Cavallerano, OD Boston VA Health Care System Jamaica Plain, MA

Michael Chaglasian, OD Illinois College of Optometry Chicago, IL

**George Comer, OD**Southern California College of Optometry Placentia, CA

Eric Conley, OD, MJ Berke Eye Care Westbury, NY

Mike Cymbor, OD Nittany Eye Associates State College, PA

Pinakin Gunvant Davey, OD, PhD Western University of Health Sciences College of Optometry Pomona, CA

Joe DeLoach, OD Dallas, TX

**Shaban Demirel, BOptom, PhD**Devers Eye Institute
Portland, OR

**Kelliann Dignam, OD**Baltimore VA Medical Center Eye Clinic Baltimore, MD

Robert DiMartino, OD, MS
New England College of Optometry
Boston, MA

Bernard Dolan, OD, MS
Department of Veterans Affairs
San Francisco, CA

#### Mitchell Dul, OD

State University of New York College of Optometry New York, NY

#### Mark Dunbar, OD

Bascom Palmer Eye Institute University of Miami School of Medicine Miami, FL

#### Mark Eltis, OD

Toronto, ON, Canada

#### David Evans, PhD

San Diego, CA

#### James L. Fanelli, OD

Fanelli Eye Associates Wilmington, NC

#### Murray Fingeret, OD

Dept of Veterans Affairs NY Harbor Health Care System Brooklyn Campus Hewlett, NY

#### John Flanagan, MCOptom, PhD

University of California, Berkeley School of Optometry Berkeley, CA

#### Brad Fortune, OD, PhD

Discoveries in Sight Devers Eye Institute Portland, OR

#### Barry J. Frauens, OD

Nova Southeastern University College of Optometry Fort Lauderdale, FL

#### Thomas Freddo, OD, PhD

University of Waterloo School of Optometry & Vision Science Waterloo, Ontario, Canada

#### Bernard Fresco, OD, MS

Toronto, ON, Canada

#### Ben Gaddie, OD

Gaddie Eye Centers Louisville, KY

#### John B. Gelvin, OD

Hunkeler Eye Institute Kansas City, MO

#### Agustin Gonzalez, OD

Eye and Vision Richardson, TX

#### Jennifer Gould, OD, MS

State University of New York College of Optometry New York, NY

#### Jane Ann Grogg, OD

Indiana University School of Optometry Bloomington, IN

#### Deepak Gupta, OD

Milford, CT

#### Andy Gurwood, OD

The Eye Institute
The Pennsylvania College of Optometry
Philadelphia, PA

#### William A. Hare, OD, PhD

Department of Biological Sciences Allergan Inc. Irvine, CA

#### Andrew Hartwick, OD, PhD

The Ohio State University College of Optometry Columbus, OH

#### Ronald Harwerth, PhD

University of Houston College of Optometry Houston, TX

#### Milton M. Hom, OD

Canyon City Eyecare Azusa, CA

#### Sarah Hosking, PhD

Melbourne, Australia

#### Mitch Ibach, OD

Vance Thompson Vision Sioux Falls, SD

#### Carl H. Jacobsen, OD

University of California, Berkeley School of Optometry Berkeley, CA

#### Chris Johnson, PhD, DSc

Department of Ophthalmology University of Iowa Iowa City, IA

#### Brett King, OD

Indiana University School of Optometry Bloomington, IN

#### Elliot M. Kirstein, OD

Harper's Point Eye & Oakley Square Eye Associates Cincinnati, OH

#### Len V. Koh, OD, PhD

Midwestern School of Optometry Glendale, AZ

#### Shira Kresch, OD, MS

Columbia University Medical Center Department of Ophthalmology New York, NY

#### Addepalli Uday Kumar, B Optom.

Brien Holden Vision Institute Sydney, Australia

#### Peter Lalle, OD

Department of Veterans Affairs Phoenix, MD

#### Anupam Laul, OD

State University of New York College of Optometry New York, NY

#### Tom Lewis, OD, PhD

Pennsylvania College of Optometry Elkins Park, PA

#### Christopher W. Lievens, OD, MS

Southern College of Optometry Memphis, TN

#### Austin Lifferth, OD

Grossnickle Eye Center Warsaw, IN

#### Tony Litwak, OD

Veterans Administration Medical Center Monkton, MD

#### Blair Lonsberry, OD, MS, MEd

Portland Vision Center
Pacific University College of Optometry
Portland, OR

#### Derek MacDonald, OD

Waterloo, Ontario, Canada

#### Sarah Elizabeth Joan MacIver, OD

University of Waterloo School of Optometry and Vision Science Waterloo, Ontario, Canada

#### Richard J. Madonna, OD, MA

State University of New York College of Optometry New York, NY

#### Brian Mahoney, OD

Nemours Senior Care Wilmington, DE

#### Rim Makhlouf, OD

Nova Southeastern University College of Optometry Fort Lauderdale, FL

#### Vic Malinovsky, OD

Indiana University School of Optometry Bloomington, IN

#### Daryl Mann, OD

Southeast Eye Specialists Chattanooga, TN

#### Danica Marrelli, OD

University of Houston College of Optometry Houston, TX

#### Dennis Mathews, OD

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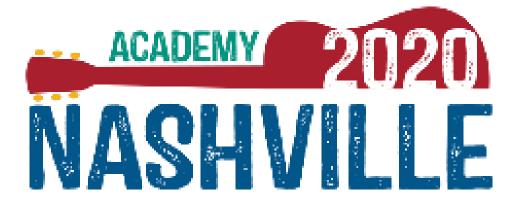
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