

The background of the entire page is a close-up photograph of several surfboards standing vertically. The boards are in various colors, including blue, white, and dark wood. The focus is on the tips and fins of the boards, creating a sense of depth and texture. Overlaid on this background is a large, white, rounded rectangular box that contains the main event information. In the top right corner of the image, there is an orange circle with the word 'PROGRAM' in white capital letters.

PROGRAM

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3



AMERICAN
GLAUCOMA
SOCIETY



AGS MISSION STATEMENT

AGS is the preeminent organization dedicated to improving the lives of all people with glaucoma and those at risk by leading the advancement of education, research, health care access, and advocacy.

The American Glaucoma Society thanks Alcon for supporting the educational portions of the 34th AGS Annual Meeting.



Welcome to AGS 2024

Dear Colleagues,

Welcome to the 34th Annual Meeting of the American Glaucoma Society in the legendary Surf City USA! Your AGS Program Committee has produced a dynamic meeting that showcases the highest-caliber papers, posters, and symposia. Get ready to hear from experts and participate in discussions on every aspect of our field, including topics in these can't-miss sessions:

- Through the Patient's Eyes: Patient Engagement Event (Wednesday, 5:30 PM)
- Cases & Cocktails (formerly Superbowl of Grand Rounds) (Thursday, 6:30 PM)
- Glaucoma Innovation Summit (Friday, 4:30 PM)
- CSI² (Creatively Sharing Ideas & Inspirations) – Throughout the Meeting
- Breakfast Roundtables (Sunday, 7:30 AM)

Huntington Beach is as rich in history, natural resources, and beautiful scenery as AGS 2024 is in glaucoma luminaries. We're happy that you can join us in saluting our 2024 honorees:

- Guest of Honor – Robert N. Weinreb, MD
- AGS Lecture – James D. Brandt, MD
- President's Award – Joshua D. Stein, MD, MS
- Innovator Award – Ronald L. Fellman, MD
- Surgery Day Lecture – Andrew G. Iwach, MD
- International Scholar Award – Keith Barton, MD, FRCP, FRCS
- Outstanding Educator Award – Sharon Freedman, MD
- Humanitarian Award – James F. Martone, MD
- Clinician-Scientist Lecture – Arthur J. Sit, SM, MD

This is a great time to reconnect with old friends and make new ones in this relaxing, resort-like setting. Don't forget to set aside time to explore nearby attractions such as walking along the beach front to the shops, dining near the Huntington Beach Pier, viewing the collections of surfing memorabilia and culture at the International Surfing Museum only one mile away, or enjoying the resort activities including cabana rentals, fire pits by the ocean and surfing lessons. The options are as swell as the surf!

Leon W. Herndon Jr., MD
President

Michele C. Lim, MD
Program Chair

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Leadership and Program Committee

Board of Directors

Leon W. Herndon Jr., MD – President
 Carla J. Siegfried, MD – Vice President
 JoAnn A. Giaconi, MD – Secretary
 David G. Godfrey, MD – Treasurer
 Samuel P. Solish, MD – Councilor to AAO
 Lama A. Al-Aswad, MD, MPH – Member-at-Large
 Kateki Vinod, MD – Member-at-Large
 Roma P. Patel, MD – Member-at-Large
 Angela V. Turalba, MD, MMS – Member-at-Large
 Kelly W. Muir, MD – Education and Communication Chair
 Ying Han, MD, PhD – Research Chair
 Michele C. Lim, MD – Program Committee Chair
 Felipe A. Medeiros, MD, PhD – Bylaws & Strategic Planning Chair
 Geoffrey T. Emerick, MD – Patient Care Chair
 Ronald Leigh Fellman, MD – Past President
 Christopher A. Girkin, MD, MSPH – Past President
 Thasarat S. Vajaranant, MD – Lead Ambassador
 Douglas J. Rhee, MD – Nominating Committee Chair
 Ann Caroline Fisher, MD – Diversity, Equity & Inclusion Committee Chair

Executive Vice President

Gregory L. Skuta, MD

Goal of the AGS Annual Meeting

The goal of this meeting is to provide Members and guests of the American Glaucoma Society a professionally stimulating forum in which they can exchange information and ideas regarding the diagnosis and treatment of glaucoma and present new developments in glaucoma research.

Administrative Offices

American Glaucoma Society
 655 Beach Street
 San Francisco, CA 94109
 415.561.8587 FAX 415.561.8531
ags@aao.org
www.americanglaucomasociety.net

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Ophthalmology and the American Glaucoma Society. The American Academy of Ophthalmology is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement

The American Academy of Ophthalmology designates this other (blended live and internet live) activity for a maximum of 20.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Past Presidents

George L. Spaeth, MD: 1986-1988
 Richard J. Simmons, MD: 1989-1990
 Douglas R. Anderson, MD: 1991-1992
 Allan E. Kolker, MD: 1993-1994
 M. Bruce Shields, MD: 1995-1996
 E. Michael Van Buskirk, MD: 1997-1998
 Robert L. Stamper, MD: 1999-2000
 Richard A. Lewis, MD: 2001-2002
 Richard P. Wilson, MD: 2003-2004
 Gregory L. Skuta, MD: 2005-2006
 Robert N. Weinreb, MD: 2007-2008
 Theodore Krupin, MD: 2009-2010
 Jeffrey M. Liebmann, MD: 2011-2012
 Kuldev Singh, MD, MPH: 2013-2014
 David S. Greenfield, MD: 2015-2016
 Cynthia Mattox, MD: 2017-2018
 Dale K. Heuer, MD: 2019-2020
 Donald L. Budenz, MD, MPH: 2020-2021
 Ronald Leigh Fellman, MD: 2021-2022
 Christopher A. Girkin, MD, MPH: 2022-2023

Program Committee

Michele C. Lim, MD – Chair
 Kouros Nouri-Mahdavi, MD, MSC – Vice Chair
 Qi N. Cui, MD, PhD – Surgery Day Co-chair
 Leo K. Seibold, MD – Surgery Day Co-chair
 Husam Ansari, MD, PhD
 Craig J. Chaya, MD
 Vikas Chopra, MD
 Shivani S. Kamat, MD
 Rachel W. Kuchtey, MD, PhD
 Sarah R. Wellik, MD
 Joanne C. H. Wen, MD
 Benjamin Xu, MD, PhD
 Leon W. Herndon Jr., MD (President – Ex-Officio)

AGS Foundation



Mission of the Foundation

The mission of the American Glaucoma Society Foundation is to support glaucoma research and education and to promote excellence in the care of patients with glaucoma.

The Board of Directors is charged with overseeing these efforts by identifying unmet needs, devising strategies to address them, and advancing the field through support of research, education, and training.

Each of the stakeholders in our field (patients, clinicians, scientists, industry, government and non-governmental organizations) plays a vital role; collaboration is critical for success. We strive to support and create programs that will make the difference in our field and for our patients.

Help us make a difference!
Make your donation today!

American Glaucoma Society Foundation
PO Box 884648
Los Angeles, CA 90088

Board of Directors

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Carla J. Siegfried, MD – Vice President
JoAnn A. Giaconi, MD – Secretary
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Geoffrey T. Emerick MD
Christopher A. Girkin, MD, MSPH
Michele C. Lim, MD
Felipe A. Medeiros, MD, PhD
Kelly W. Muir, MD
Samuel P. Solish, MD
Angela V. Turalba, MD, MMS
Thasarat S. Vajaranant, MD
Kateki Vinod, MD
Cathy Cohen, CAE, MHSA

Executive Vice President

Gregory L. Skuta, MD

Advisory Board

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Bilal Khan
Steven L. Mansberger, MD, MPH
Jim Mazzo
Cody McKenzie
Thomas Mitro
Ravi Nallakrishnan
Peter A. Netland, MD, PhD
Brian L. Schwam, MD
Gary Sternberg, MD
James P. Ziperski

AGS Policies

Annual Meeting Conflict of Interest Issues

The AGS Program Committee takes conflicts of interest very seriously and expects all AGS Members to do the same. All participants in the program have submitted a Financial Disclosure Form that has been reviewed by the Program Chairs and Program Committee. A Conflict of Interest Resolution Form is used when deemed appropriate. An example of the Conflict of Interest Resolution Process is shown below. If you have any concerns about the content of or perceived conflicts of interest in the Annual Meeting, please bring them to the attention of the Program Committee Chair, Dr. Michele Lim, or the Program Committee Vice Chair, Dr. Kouros Nouri-Mahdavi, or the Chair of the AGS Ethics Task Force, Dr. Leon Herndon, as soon as possible.

Financial Conflict Resolution Process

All financial conflicts of interest must be resolved. CME providers require that everyone who is in a position to control the content of an educational activity disclose all financial relationships with any commercial interest within the past 24 months. Those whose conflicts are not resolved by one of the following methods must be disqualified.

- Presenter limits the conflict to report information that is related to the conflict without recommendations
- Presenter references the “best available evidence in literature” and the grade or level of that evidence and identifies the conclusions that the evidence supports
- Presenter steps aside and allows someone else to present

Disclosure and Resolution of Conflict of Interest Policy

The AGS ensures that all leaders, volunteers, staff, or any individuals involved in planning and production of AGS activities will disclose any and all potential conflicts of interest and resolve them prior to the activity.

Procedure

The process for ensuring compliance with this policy applies a multistep approach, including prevention and monitoring/evaluation.

Identification

All individuals who are involved with planning activities must sign and submit a Financial Disclosure Form prior to planning the activity. All financial relationships with any commercial interest must be disclosed. Individuals subject to this requirement include, but are not limited to, activity course directors and program chairs, planning committee members, faculty/speakers/presenters, authors, editors, expert reviewers, moderators, panel members, and AGS staff in position to control content. All financial disclosures must be provided through the AGS online disclosure form or in another pre-approved format.

Relevant financial relationships must be disclosed to learners prior to the continuing education activity. Information provided in this manner includes the name of the individual, the name of the commercial interest(s), and the nature of the relationship the person has with the commercial interest(s). If an individual has no relevant relationship, then this must also be disclosed in advance to the learning audience.

Resolution

All faculty and non-faculty involved with the planning or implementation of an activity who disclose a conflict of interest must resolve that conflict prior to the activity. Appropriate mechanisms for resolution will be identified by the Program Committee and can include the following:

Non-faculty Resolution

A non-faculty member (e.g., staff) who has an identified conflict of interest will be asked to excuse themselves from any discussion/decision-making process where the conflict of interest would come into play.

Faculty Member Resolution

Peer Review: A faculty member with a conflict of interest must submit their work to a panel for peer review. Recommendations of the panel, as they relate to the conflict, must be taken. If the faculty member refuses the recommendations, they will be asked to resign and a new faculty member will be appointed.

Or

Evidence Based: Material to be presented must be the best available evidence in the literature, supported by the grade or level of that evidence and by identifying the conclusions that the evidence supports.

Or

Other methods deemed appropriate by AGS.

Refusal to Disclose**Non-faculty**

If a non-faculty member refuses to disclose conflicts of interest, then that person will be asked to step down from the position requiring disclosure of conflicts of interest.

Faculty Member

If a faculty member refuses to disclose, they will be replaced and not considered to present until such disclosures are made.

Additional Information

Additional information may be requested of faculty/non-faculty to assist in the resolution of the conflict of interest. Resolution of the conflict of interest must also be disclosed to the audience in advance.

Off-Label Disclosure

In addition, all faculty members are required to disclose to learners off-label and/or investigational use of a product and any limitations on the information presented, including preliminary data, anecdotal evidence, or unsupported opinion.

Evaluation/Monitoring for Bias

CME activity participants are surveyed about perceived commercial bias as part of the post-activity evaluation.

Diversity Policy

The Board of Directors of the AGS recognizes that this organization is best served by representation from the broadest possible diversity of member background, experience, and professional activities setting. As a policy, the Board of Directors is committed to diverse representation on the Board and its committees and staff without regard to race, religion, national origin, sexual orientation, age, gender, or physical disability.

CME Violations

When a potential violation of Accrediting Council for Continuing Medical Education rules occurs during a CME-generating activity at an AGS Annual Meeting or other AGS event, the Program Committee Chair, if they have not personally witnessed the violation, will initiate an investigation into the occurrence by speaking with selected members of the audience, as well as the individual(s) charged with the violation. The Program Committee Chair may request copies of the presentation materials, including slides and outlines. The Program Committee will review the results of the investigation. The Program Committee may require consultation with the CME-accrediting body to determine if a violation has occurred. If it is determined that a violation exists, the Program Committee Chair will communicate directly with the offender to educate them on the nature of the violation, review ACCME rules, and issue a warning that potential penalties for future violations may include inability to present at future meetings. Copies of all communication in this regard will be filed with the CME accrediting body.

If an individual commits a second violation, the Program Committee Chair will convene the Program Committee to review the details of both violations and to issue a recommendation to the AGS Board of Directors (BOD) regarding an appropriate penalty for the individual. The AGS BOD may accept, deny, or modify the Program Committee recommendations. The Program Committee Chair (alone or together with the AGS president) will then communicate this final decision to the offending individual.

AGS Board Approved – October 2014

CME Financial Disclosures of Board of Directors, Program Committee, and Participants

Category	Code
Ownership Interest	OI
Research Grant to my Institution (principal or named investigator)	RGI
Research Grant to my private practice	RGP
Individual Stock - Private Company	SPR
Individual Stock - Public Company	SPU
Employee	E
Stock Options	SO
Honorarium	H
Lecture Fees	L
Consultant/Advisor Fees	C
Executive Role	EX
Royalty/Patent Beneficiary	RP
Independent Contractor	IC
Other	O

Board of Directors

Al-Aswad, MD, MPH, Lama

O - AI Optics, Virtual Field
C - Alcon, Bausch, World Care Clinical
RGI - MO - Cabrini Foundation,
Topcon Medical Systems Inc
RGP - Save Vision Foundation

Herndon Jr., MD, Leon W.

RGI - Ocular Therapeutix
C - Alcon, Allergan, New World
Medical, Glaukos, Sight Sciences,
Balance Ophthalmics

Fellman, MD, Ronald

C - Sanoculis, Beaver Visitec Inc
RP - Nova Eye
SO - Olleyes
L - Olleyes

Giaconi, MD, JoAnn

SO - MediPrint ophthalmics

Girkin, MD, MSPH, Christopher

RGI - Heidelberg Engineering Inc,
National Eye Institute, EyeSight
Foundation of Alabama, Centers for
Disease Control and Prevention
C - Topcon Inc

Medeiros, MD, PhD, Felipe

C - Allergan/Abbvie, Annexon,
Galimedix, Novartis, Stealth
BioTherapeutics, Stuart Therapeutics,
Thea, Carl Zeiss Meditec, Reichert
RGI - Carl Zeiss Meditec, Google,
Heidelberg Engineering, Reichert
RP - nGoggle

Patel, MD, MBA, Roma P.

C - Alcon, Allergan, New World
Medical

Rhee, MD, Douglas J.

C - Abbvie/Allergan, Aerie, Alcon,
Ivantis
H - Ocular Therapeutics
RGI - Alcon, Glaukos, Ocular
Therapeutics, Abbvie/Allergan

Program Committee

Lim, MD, Michele

RGI - Santen, Inc.
H - Santen, Inc.
C - Santen, Inc.

Nouri-Mahdavi, MD, MS, Kouros

RGI - Heidelberg Engineering
C - Topcon Healthcare

Seibold, MD, Leo

C - New World Medical, Equinox,
Allergan, Oculus Surgical

Ansari, MD, PhD, Husam

RGP - Abbvie/Allergan, New World
Medical, Nicox
C - New World Medical, Abbvie,
Allergan

Chaya, MD, Craig J.

C - AbbVie, New World Medical
RGI - Abbvie, Iantrek, Ivantis, Alcon

Kuchtey, MD, PhD, Rachel

RGI - NIH

Xu, MD, PhD, Benjamin

C - Abbvie, ArcScan
RGI - Heidelberg Engineering, Ocular
Therapeutix

All Participants**Ahmed, MD, Iqbal**

RGI - Alcon, Allergan, Bausch, Glaukos, iStar Medical, Santen, MST Surgical
 L - Alcon, Allergan, Bausch Health, Centricity Vision, Glaukos, iStar Medical, Ivantis, Johnson & Johnson, Nova, Radiance Therapeutics, Santen, Sight Sciences, Thea, Zeiss
 H - Alcon, Bausch Health, Centricity Vision, Glaukos, Gore, iStar Medical, Ivantis, Johnson & Johnson, Radiance Therapeutics, Nova, Santen, Sight Sciences, Thea, Zeiss,
 C - Corneal Vision, Custom Surgical, Iantrek, PolyActiva, Stroma, Vialase, Smartlens Inc, Ocular Instrument
 RP - Ocular Instrument

An, MD, MBA, Jella Angela

C - Iridex, New World Medical, Sight Sciences, Alcon, Elios Vision
 H - Santen, Abbvie
 RGI - Abbvie

Aref, MD, MBA, Ahmad A.

C - Alcon, New World Medical, Nova Eye Medical, Oculus Surgical
 RGI - Abbvie
 L - Alcon

Asrani, MD, Sanjay

L - Heidelberg Engineering, Sophia Laboratories
 C - Eyepoint Pharma, Nicox, ONL Therapeutics, Ripple Therapeutics
 H - iCare

Barton, MD, FRCP, FRCS, Keith

C - Alcon, Abbvie, Allergan, Carl Zeiss, Ivantis, Meditec, Santen, Radiance Therapeutics, PhPharma, Kowa, Glaukos, iStar Medical, EyeD Pharma, ELT Sight Sciences, Alimera Science, C Mer Holdings, Shifamed Myra Medical, Tariser Pharma, Roche, Nova Eye, Advanced Ophthalmic Innovations
 H - Alcon, Allergan, Carl Zeiss, Santen, Laboratories Thea Advanced Ophthalmic Inn, Eye Tech Care, JamJoom, Advanced Innovations

Bedrood, MD, PhD, Sahar

C - Glaukos, Allergan/Abbvie, Glaukos, Thea, Elios Vision
 L - Abbvie, Glaukos, Allergan/Abbvie, Glaukos
 H - Abbvie, Glaukos, Allergan/Abbvie, Glaukos

Blieden, MD, Lauren

C - Alcon, Abbvie/Allergan, Heidelberg
 H - Alcon

Boland, MD, PhD, Michael

L - Carl Zeiss Meditec
 C - Allergan, Carl Zeiss Meditec, Janssen, Topcon Healthcare

Brandt, MD, James D.

SPU - Glaukos
 C - Thea, Eyenovia

Chang, MD, Robert T.

RGI - Alcon, genentech, intalight
 H - Abbvie, Aerie
 C - Abbvie, contacts, verana health, ocular therapeutix, sight sciences, optomed, apple, smartlens, xp health, New World Medical, Dompe

Chen, MD, Teresa C.

RGI - Alcon, Fidelity Charitable Fund, NIH

Coleman, MD, PhD, Anne L.

C - Alcon Research Institute Foundation Laboratories THEA S A A

Dea, MD, Magnolia K.

C - ImmunoGen, GSK

Edmond, MD, Jane C.

C - Senseye

Feldman, MD, Robert

C - Bausch and Lomb, Santen, Catawba, Alcon

Fleischman, MD, David

RGI - Optopol

Francis, MD, Brian

RGI - Abbvie Allergan, Alcon
 L - Bausch and Lomb, Aerie
 C - BVI, Iridex, Virtual Vision, MSTC

Garg Shukla, MD, Aakriti (Aaki)

RGI - Allergan
 L - Otsuka Pharmaceuticals
 C - Allergan, Thea Pharmaceuticals
 H - Thea Pharmaceuticals

Goldberg, MD, PhD, Jeffrey L.

C - ONL Therapeutics, ReNetX Bio, Thea, TwentyTwenty

Greenwood, MD, Michael

L - Aerie, Alcon, Glaukos, Imprimis, Johnson & Johnson, New World Medical, Sight Sciences, STAAR, Valeant
 C - Aerie, Allergan, Imprimis, Ivantis, New World Medical, Ocular Therapeutix, Zeiss, BVI, Nevakar

Grover, MD, MPH, Davinder

C - Allergan, CATS, Olleyes, New World Medical, Sanoculis, Versant Health, Belkin Vision, iStar Medical, Regeneron, Nova Eye, Reichert
 RGP - Allergan, New World Medical
 L - Allergan, Reichert, Olleyes, New World Medical

Harasymowycz, MD, FRCSC, Paul

H - Abbvie/Allergan, Alcon, Ivantis, Johnson & Johnson
 RGI - Johnson & Johnson
 C - Abbvie/Allergan, Bausch & Lomb, Glaukos, Ivantis, New World Medical, Santen
 L - Abbvie/Allergan, Alcon, Glaukos, Johnson & Johnson, Ivantis, New World Medical, Bausch & Lomb, ZEISS
 RGP - Abbvie/Allergan, Alcon, Glaukos, Ivantis,

Havens, MD, Shane J.

H - Glaukos
 RGI - iStar

Howard, MD, PhD, Gayle

L - Bausch and Lomb
 C - Bausch and Lomb

Huang, MD, PhD, David

RGI - Visionix/Optovue, Intalight, Cylite
 RP - Visionix/Optovue, Genentech

Iwach, MD, Andrew G.

SPU - EyeNovia
 C - Belkin Lasers, Alcon, Ophthalmic Mutual Insurance Company,

Johnson, MD, PhD, Thomas V.

C - Perfuse Therapeutics, Abbvie
 RGI - Perfuse Therapeutics, InjectSense, iCare USA, Alcon, FireCyt Therapeutics

Khan, MD, Noureen

C - Sight Sciences

King, MD, MMedSci, Anthony

C - Thea Pharmaceuticals

Kolko, MD, PhD, Miriam

RGI - Laboratoires Thea
 L - Abbvie, Laboratories Thea, Santen, Topcon
 C - Abbvie, Laboratories Thea, Santen

Larsen, MD, Christine

C - Santen, MicroOptx
 H - Thea

Leshno, MD, Ari

RGI - Topcon inc , Hiedelberg Eng,
Jane and David Walentas Glaucoma
Research Fund, Schur Family
Glaucoma Fellowship

Lin, MD, PhD, Ken

C - Alcon

Liu, MD, PhD, Wendy

RP - Stanford University

Mansberger, MD, MPH, Steven L.

C - Nicox, Perfuse, Thea

SO - Nicox

RGI - Abbvie, Thea, Visus

Medeiros, MD, PhD, Felipe

C - Allergan/Abbvie, Annexon,
Galimedix, Novartis, Stealth
BioTherapeutics, Stuart Therapeutics,
Thea, Carl Zeiss Meditec, Reichert

RGI - Carl Zeiss Meditec, Google,
Heidelberg Engineering, Reichert

RP - nGoggle

Miller Ellis, MD, Eydie

C - Allergan/AbbVie, Aerie, Thea,

Eyenovia

O - Avisa

RGI - NIH NEI

Mosaed, MD, Sameh

RGI - Sightsciences

C - Allergan, Skye Biosciences

Moster, MD, Marlene

H - Aerie, Alcon, Abbvie/Allergan,
Bausch & Lomb

L - Aerie, Alcon, Abbvie/Allergan, Bausch
& Lomb, Iridex

RGI - Alcon, New World Medical

RGP - Alcon, Allergan/Abbvie, Bausch,
Iridex, Glaukos, Innfocus Santen,
Nicox

Ndukwe, BS, MD, Tochukwu

RGI - Illinois Society for the Prevention
of Blindness, Health Equity Pilot
Grant - Blue Cross Blue Shield,
Research to Prevent Blindness

Noecker, MD, MBA, Robert

C - Allergan, Alcon, Glaukos, IOP Inc,
Nova, Sight Sciences, Bausch, Iridex,
BVI

L - Alcon, Glaukos, IOP Inc, Nova, Sight
Sciences, Bausch, Iridex, BVI

RGP - Allergan, Glaukos

Olivier, MD, Mildred MG

C - Aerie

O - NIH

L - Bausch and Lomb

RGP - Allergan

Palmberg, MD, PhD, Paul F.

C - Glaukos, Santen

Panarelli, MD, Joseph

C - Abbvie, Alcon, Santen, Glaukos,
Corneat, Corneagen, New World
Medical, Zeiss, Nova Eye, AOI
Ophthalmics

Pazos López, MD, PhD, Marta

L - Abbvie/Allergan, Carl Zeiss Meditec,
Santen, Thea, Glaukos

C - Abbvie/Allergan, Carl Zeiss Meditec,
Santen, Thea, Glaukos

RGI - Abbie/Allergan

Piltz-Seymour, MD, Jody

C - Alcon, Nanoscope Therapeutics

IC - Nanoscope Therapeutics

Radhakrishnan, MD, Sunita

SO - Netra Sytems Inc

Saeedi, MD, Osamah

RGI - Aerie, Heidelberg Engineering,
JuneBrain, Vasoptic Inc

H - Heidelberg Engineering, Topcon

L - Heidelberg Engineering

Salim, MD, Sarwat

C - Alcon

Samuelson, MD, Thomas W.

C - Alcon, Balance, Belkin Vision, Elios,
Equinox, Ivantis, Sight Science,
Vialase , Zeiss Meditec, Johnson &
Johnson Vision, PolyActiva, Ripple
Therapeutics, Expert Opinion,
Irisvision

H - Allergan, Glaukos, Imprimis, Ivantis,
New World Medical, Sight Science

SO - Balance, Belkin Vision, Elios,
Equinox, Ivantis, Sight Science,
Vialase, Tear Clear, Ocuphire

Schuman, MD, Joel S.

C - Zeiss, Opticent, Ocular Therapeutix,
Perfuse, SLACK Inc, AEYE Health,
Ocugenix, Alcon

SO - AEYE Health, Ocugenix

RGI - Perfuse

RP - SLACK Incorporated, Ocugenix

Seibold, MD, Leo

C - New World Medical, Equinox,
Allergan, Oculus Surgical

Shah, MD, Manjool

C - AbbVie, Alcon, ONL Therapeutics,
Glaukos, Bausch and Lomb, Elios

Shen, MD, Lucy Q.

C - FireCyte Therapeutics

Shetty, MD, Rajesh

RGP - Alcon

C - Alcon

Sheybani, MD, Arsham

C - Abbvie, Alcon, Glaukos, nova eye,
santen, New World Medical

Sieck, MD, Erin

C - Allergan

Sit, SM, MD, Arthur J.

C - Globe Biomedical, Injectsence Inc,
PolyActiva Pty, Santen

RGI - Qlaris Bio Inc, Nicox Ophthalmics
Inc

SO - Global Biomedical, Inc

Smith, MD, Oluwatosin

SPU - Nova Eye

L - Allergan, Bausch

RGP - Allergan, Glaukos

C - Allergan, Alcon, Bausch, Santen,
New World Medical, Glaukos,
Sanoculis, Belkin, Elios

Sola-Del Valle, MD, David

C - BVI, Thea Pharma, New World
Medical

L - Allergan

Stalmans, MD, PhD, Ingeborg

C - Abbvie, EyeD Pharma, Horus

Pharma, Santen, Théa Pharma, Alcon

RGI - Théa Pharma

L - Omikron

Sun, Yang

RGI - NIH

Swaminathan, MD, Swarup S.

L - Heidelberg Engineering

RGI - National Eye Institute

C - Abbvie, Ivantis, Sight Sciences,
Topcon

Tan, PhD, Ou

RP - Visionix, CA

Tanaka, MD, George

H - Nova Eye Medical

L - Abbvie, Alcon

Topouzis, MD, PhD, Fotis
RGI - Omikron, Pfizer, Thea
C - Bausch & Lomb, Omikron, Thea
O - Abbvie Alcon, Bayer
L - Abbvie, Omikron, Roche

Vazquez, MD, PhD, Luis E.
L - New World Medical Inc.

Yohannan, MD, MPH, Jithin
C - Abbvie, Topcon
RGI - Genentech, NEI/NIH

Yousefi, PhD, Siamak
O - Remidio and M&S Technologies
RGI - Enolink

Yung, MD, Edward
C - Abbvie/Allergan, Alcon, Glaukos,
New World Medical, Tarsus
L - Alcon, New World Medical, Oculus
Surgical, Physician Recommended
Nutriceuticals
H - Bausch & Lomb

Zangwill, PhD, Linda
C - Abbvie, Topcon
RGI - Heidelberg, Optovue, Topcon,
Zeiss

No Relevant Financial Relationship

Abou Khzam, MD, Rayan
Al-Aswad, MD, MPH, Lama
Baker, MD, Doug
Beniz, MD, Luiz Arthur Franco
Borges, Angelina
Campagna, MD, Gio
Capitena Young, MD, Cara Elise
Carey, BA, Craig
Chang, MD, Peter T.
Chatterjee, MD, MSED, Ayan
Chopra, MD, Vikas
Conner, MD, PhD, Ian P.
Cui, MD PhD, Qi N.
Dossantos, BS, Jason
Elubous, MD, Khaled
Fisher, MD, Ann Caroline
Fullerton, CMP, Holly
Giangiacomo, MD, Annette
Godfrey, MD, David
Gupta, MD, Shikha
Han, MD, Ying
Hyder, MA, Rebecca
Kahook, MD, Malik Y.
Kamat, MD, Shivani
Krawitz, MD, Brian
Laroche, MD, Daniel
Lee, MD, PhD, Richard K.
Liu, MD, MS, Yao
Maa, MD, April

Minato, Gina
Moghimi, MD, Sasan
Muir, MD, Kelly
Nysather, Deborah
Ou, MD, Yvonne
Perez- Grossmann, Rodolfo
Pickering, MD, Terri
Qiu, MD, Mary
Rosdahl, MD, PhD, Jullia Ann
Rosenberg, MD, Lisa
Salazar, MD, Humberto
Sanvicente, MD, Carina
Siegfried, MD, Carla
Solish, MD, Samuel Paul
Teng, MD, Chris C.
Tseng, MD, PhD, Victoria L.
Turalba, MD, MMS, Angela
Unger, Olushade
Upadhyaya, DNB, DOMS, Swati
Vajaranant, MD, MHA, Thasarat
Sutabutr
Vinod, MD, Kateki
Viswanathan, MD, Ananth
Wellik, MD, Sarah R.
Wen, MD, Joanne
Williams, MD, Ruth
Williams, MD, Jonathan Stephen
Woodke, COE, Joy
Yamat, Yasmin
Zebardast, MD MSC, Nazlee
Zhang, MD, Amy

Meeting Information

Notification

A written, printed, or electronic notice of any annual or special meeting of the Members, stating the time, place, and purposes thereof, shall be sent to each Member by the Secretary, or, in the case of their death, absence, incapacity, or refusal, by a person designated by the Board of Directors, at least sixty (60) days before the date of the meeting by leaving such notice with the Member or at their residence or usual place of business; by mailing the same, postage prepaid, directed to them at their address as last recorded on the books of the Society; or by electronic communication (e-mail) directed to an electronic address provided by the Member. Notice of a meeting need not be given to a Member if such Member, or their attorney thereunto duly authorized, waives such notice by a writing filed with the records of the meeting.

Meeting Objectives

After attending this program, participants should be able to:

- Describe recent medical advances in the diagnosis, management, and treatment of glaucoma in the United States and the world
- Discuss different diagnostic and prognostic tools to provide the best possible treatment options and care to patients
- Critically evaluate/explain new and traditional types of glaucoma surgery
- Examine and discuss advances in glaucoma science and implications for glaucoma therapy

CME Credit

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Ophthalmology and the American Glaucoma Society. The American Academy of Ophthalmology is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement

The American Academy of Ophthalmology designates this other (blended live and internet live) activity for a maximum of 20.75 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

How to Claim Your CME Credits

Claim your CME credits using the online form on the AGS website, www.americanglaucomasociety.net.

Self-Assessment CME

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to satisfy the Lifelong Learning, Self-Assessment, Improvement in Medical Practice and/or Patient Safety requirements for the American Board of Ophthalmology's Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting MOC.

FDA Status Disclaimer

Some material on recent developments may include information on drug or device applications that are not considered community standard, that reflect indications not included in approved FDA labeling, or that are approved for use only in restricted research settings. This information is provided as education only so physicians may be

aware of alternative methods of the practice of medicine, and should not be considered endorsement, promotion, or in any way encouragement to use such applications. The FDA has stated that it is the responsibility of the physician to determine the FDA status of each drug or device they wish to use in clinical practice, and to use these products with appropriate patient consent and in compliance with applicable law.

The AGS provides the opportunity for material to be presented for educational purposes only. The material represents the approach, ideas, statement, or opinion of the presenter and/or author, not necessarily the only or best method or procedure in every case or the position of the AGS. The material is not intended to replace a physician's own judgment or give specific advice for case management. The AGS specifically disclaims any and all liability for injury or other damages of any kind for any and all claims that may arise out of the use of any technique demonstrated or described in any material by any presenter and/or author, whether such claims are asserted by a physician or any other person.

Photographing and Recording of Exhibits and Program

Attendees wishing to photograph or record an exhibit must secure permission from the exhibiting company before doing so. No portion of the scientific program or posters may be photographed, audiotaped, or videotaped without the express written consent of the AGS and the presenter.

Target Audience

The target audience for the AGS 34th Annual Meeting is glaucoma specialists, ophthalmologists, researchers, practicing physicians, ophthalmology residents, and fellows.

Exhibits

Plan to visit the exhibits located in Mariner's Ballroom at the Hyatt Regency Huntington Beach Resort and the Virtual Exhibit Hall on the Virtual Meeting Platform. Exhibiting companies will showcase the newest and most innovative ophthalmic products and services.

2025 Annual Meeting Program Submissions

For those interested in submitting an abstract for the 2025 Annual Meeting, the online electronic submission program will be available in September 2024. Please visit the American Glaucoma Society's website, www.americanglaucomasociety.net, to submit an online abstract by the deadline.

Registration Information

Attendance Verification

Attendees must verify their attendance to claim CME credit for attending the AGS 34th Annual Meeting. Please refer to the CME Credit section in Meeting Information for more details.

Attendance verification letters will be available at the AGS Registration Desk, located in the Grand Foyer, from Thursday, February 29, to Sunday, March 3, or by e-mail request to ags@aao.org.

Registration Locations, Speaker Ready Room, and Hours

Registration will be located in the Grand Foyer from Wednesday, February 28, to Sunday, March 3. Any questions about the AGS 34th Annual Meeting and/or social functions may be answered at this location. The Grand Foyer will be available during registration hours starting Wednesday, February 28. Registered participants will receive their badge at the Registration Desk. The AGS Registration Desk will be open as follows:

Wednesday, February 28	2:00 PM – 8:00 PM
Thursday, February 29	7:00 AM – 5:00 PM
Friday, March 1	7:00 AM – 5:00 PM
Saturday, March 2	7:00 AM – 5:00 PM
Sunday, March 3	7:00 AM – 9:00 AM

Payment of Fees

The AGS accepts cash, checks payable to the AGS, MasterCard, Visa, and American Express.

Social Events

Day/Date/Event	Time	Location/Room
Wednesday, February 28		
Through the Patient's Eyes: Patient Engagement Event & Reception	5:30 PM – 8:00 PM	Grand Ballroom
Thursday, February 29		
Continental Breakfast	7:00 AM – 8:30 AM	Exhibit Hall Mariners Ballroom
Super Bowl of Grand Rounds: Cases & Cocktails Working Reception (AGS Members Only)	6:30 PM – 8:30 PM	Huntington Ballroom Diamond Theater
Friday, March 1		
Morning Yoga*	7:00 AM – 7:50 AM	California Courtyard
Continental Breakfast	7:00 AM – 8:30 AM	Exhibit Hall Mariners Ballroom

* Indicates a separate fee for participation

Saturday, March 2

Fun Run/Walk*	6:30 AM – 7:30 AM	Lighthouse Courtyard
Continental Breakfast	7:00 AM – 8:30 AM	Exhibit Hall Mariners Ballroom
AGS Closing Reception	7:00 PM – 9:30 PM	Lighthouse Courtyard

Sunday, March 3

Continental Breakfast	7:00 AM – 9:00 AM	Huntington Ballroom Foyer Diamond Theater
Breakfast Roundtable Discussions	8:00 AM – 9:00 AM	Huntington Ballroom Diamond Theater

* Indicates a separate fee for participation

Messages & Lost and Found

There will be a lost and found box and message board at the AGS Registration Desk, located in the Grand Ballroom Foyer registration area. Please check here first for your messages and/or lost items.

Posters

Electronic posters will be displayed in the Grand Foyer South throughout the meeting, and are also available on the Virtual Meeting Platform.

Exhibitors

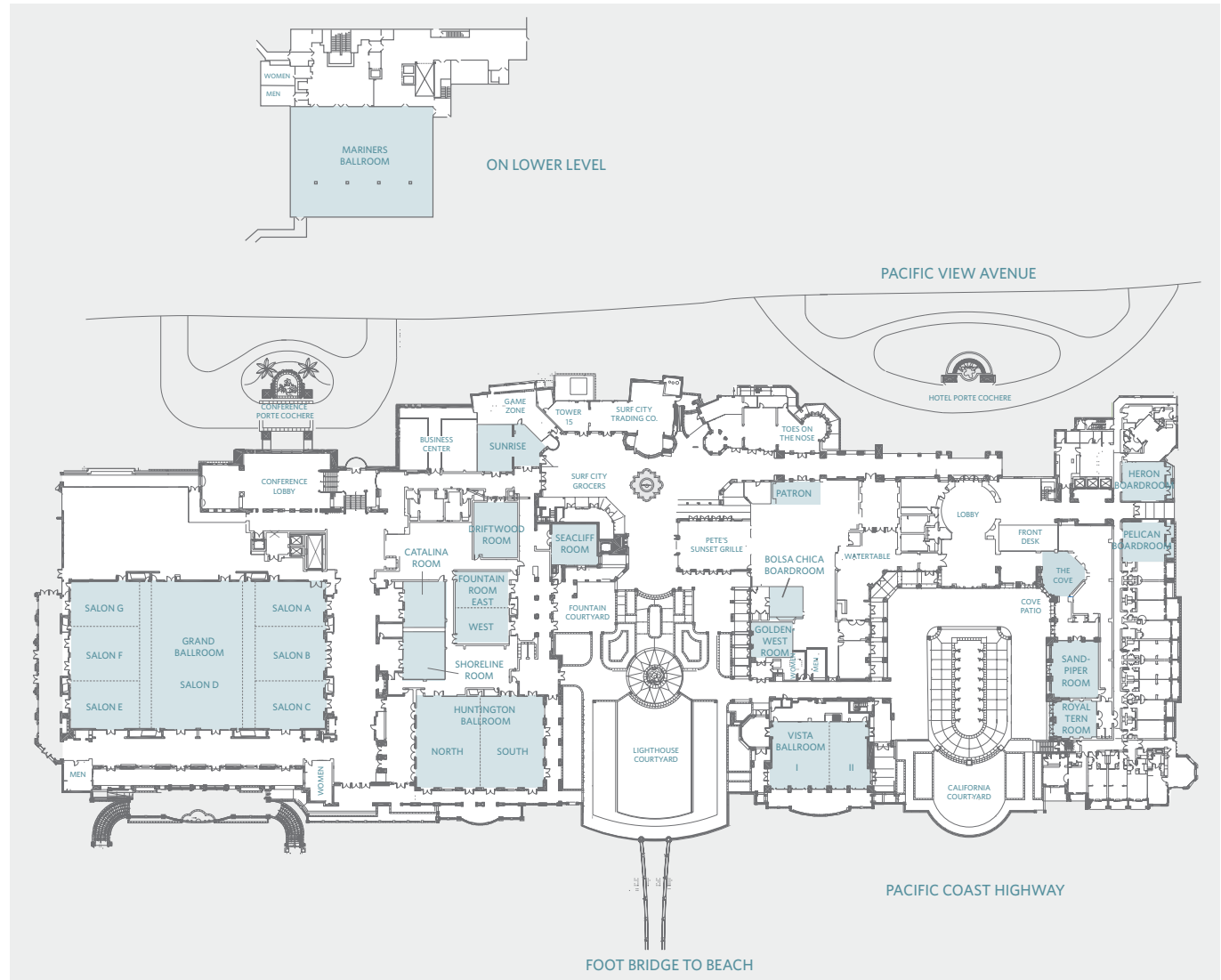
Exhibitors must check in at the AGS Registration Desk, located in the Grand Ballroom Foyer, on Wednesday, February 28, to pick up their packet and badge(s). One registration packet is provided per exhibiting company.

Registration Amenities

AGS Member/Non-member registration includes full access to the Virtual Meeting Platform, daily continental breakfasts and breaks, and the AGS Closing Reception.

Spouse/Guest registration includes all social events: use of the Spouse/Guest Hospitality Room, daily continental breakfasts, and the AGS Closing Reception.

Hyatt Regency Huntington Beach Resort & Spa Map and Legend



AGS Annual Meeting Locations

General Session Room: Grand Ballroom

Diamond Theater: Huntington Ballroom

YOGS Lounge: Shoreline Room

Posters: Grand Foyer South

Speaker Ready Room: Catalina Room

Spouse/Guest Hospitality Lounge: The Cove

Registration: Grand Foyer

Exhibit Hall: Mariners Ballroom

Cyber Lounge: Grand Foyer North

AGS Closing Party: Lighthouse Courtyard

History of the AGS

The American Glaucoma Society was founded in 1985 with the stated purpose of maintaining and improving “the quality of patient care primarily through improvement, exchange and dissemination of information and scientific knowledge pertinent to glaucoma and related diseases.”

Although Drs. Douglas Anderson and Jonathan Herschler had organized the very successful Annual North American Glaucomatologists’ Learning Ensemble (ANGLE) in the 1970s to provide in-depth focus on glaucoma research topics of mutual interest, insightful members of the glaucoma community felt that an additional forum for both clinical and scientific interchange among glaucoma specialists was needed.

In May 1984, Drs. Max Forbes and Bruce Shields began to discuss the concept of an American Glaucoma Society. Drs. George Spaeth and Richard Simmons subsequently were persuaded to join in formalizing this concept and to help organize the AGS. Nine other leading members of the glaucoma community also were recruited to participate in this endeavor. An initial meeting of the group took place in Atlanta on November 11, 1984, at which everyone’s full agreement and cooperation was established.

Dr. Simmons prepared a Constitution and Bylaws for the AGS, which was incorporated in the Commonwealth of Massachusetts on November 6, 1986. The 13 founding members subsequently approved the Constitution and Bylaws in San Francisco, California, on September 29, 1985. The first elected officers included George L. Spaeth, President; Richard J. Simmons, Vice-President; Harry A. Quigley, Secretary; and John Hetherington Jr., Treasurer. The new executive committee met in the spring of 1986, at which time a list of invitations to 69 charter members was compiled. In 1986, 82 individuals became charter members of the newly formed Society.

In honor and memory of Dr. Charles D. Phelps, one of the founding members and former chair of the Department of Ophthalmology at the University of Iowa, who died in September 1985, the first meeting of the AGS was held in Iowa City, Iowa, in June 1987. Dr. M. Bruce Shields served as Chair of the Program Committee for the Society’s inaugural meeting as well as the next four, and Dr. Stephen Drance delivered the first AGS Lecture. A Washington Hawthorne tree was planted in Dr. Phelps’ memory and still stands on the University of Iowa Medical Center campus, just outside of the office of the Chair of the Department of Ophthalmology and Visual Science.

In Iowa City, Dr. Spaeth quoted Sir Winston Churchill, stating, “We are at the beginning of the beginning.” Thirty-four years and 32 meetings later, the AGS has grown to include over 1,500 members and has become one of American ophthalmology’s premier and most influential subspecialty societies.

Joseph H. Childs, MD
1981-2023

H. Dunbar Hoskins Jr., MD, FACS
1939-2024

Erik A. Lippa, MD, PhD
1945-2023

Pedro I. Quevedo, MD
1958-2023

Thirteen Founding Members of the American Glaucoma Society

Douglas R. Anderson, MD
David G. Campbell, MD
Max Forbes, MD
John Hetherington Jr., MD*
H. Dunbar Hoskins Jr., MD*
Allan E. Kolker, MD*
William E. Layden, MD
Charles D. Phelps, MD*
Irvin P. Pollack, MD*
Harry A. Quigley, MD
M. Bruce Shields, MD
Richard J. Simmons, MD
George L. Spaeth, MD

Additional 69 Charter Members of the American Glaucoma Society

Robert C. Allen, MD*
Jorge A. Alvarado, MD*
Mansour F. Armaly, MD*
Frank S. Ashburn Jr., MD
George S. Baerveldt, MD*
Bernard Becker, MD*
Hugh Beckman, MD
C. Davis Belcher III, MD*
A. Robert Bellows, MD*
Richard F. Brubaker, MD*
Paul A. Chandler, MD*
John S. Cohen, MD
Marshall N. Cyrlin, MD
Gordon R. Douglas, MD, FRCSC
Stephen M. Drance, MD*
David K. Dueker, MD
David L. Epstein, MD*
Douglas E. Gaasterland, MD
Joseph S. Haas, MD
Thomas S. Harbin Jr., MD

Sohan S. Hayreh, MD, DSc*
Jonathan Herschler, MD
Elizabeth A. Hodapp, MD
B. Thomas Hutchinson, MD*
Murray A. Johnstone, MD
Frederick M. Kapetansky, MD
Michael A. Kass, MD
Paul L. Kaufman, MD
Edwin U. Keates, MD*
Theodore Krupin, MD*
Carl Kupfer, MD*
Raymond P. LeBlanc, MD
Pei-Fei Lee, MD*
Ralph Z. Levene, MD*
Paul R. Lichter, MD
Alan I. Mandell, MD*
Wayne F. March, MD*
A. Edward Maumenee, MD*
Samuel D. McPherson Jr., MD*
David W. Meltzer, MD, PhD
Donald S. Minckler, MD
Donald J. Morin, MD*
Robert A. Moses, MD*
Paul F. Palmberg, MD, PhD
Richard K. Parrish II, MD
Jonathan E. Pederson, MD*
Edward S. Perkins, MD*
Steven M. Podos, MD*
Ronald L. Radius, MD
Kenneth T. Richardson Jr., MD
Thomas M. Richardson, MD
Robert Ritch, MD
Alan L. Robin, MD
Harold G. Scheie, MD*
Arthur L. Schwartz, MD
Bernard Schwartz, MD, PhD*
Marvin L. Sears, MD
Robert N. Shaffer, MD*
Jess A. Smith, MD*
Robert L. Stamper, MD
H. Saul Sugar, MD*
John V. Thomas, MD*
E. Michael Van Buskirk, MD
Paul A. Weber, MD
Robert N. Weinreb, MD
Elliot B. Werner, MD
Jacob T. Wilensky, MD
Michael E. Yablonksi, MD, PhD*
Thom J. Zimmerman, MD, PhD*

AGS Meetings

Date and Location	Honoree	AGS Lecturer
June 11-13, 1987; Iowa City, Iowa	Charles D. Phelps, MD	Stephen M. Drance, MD
December 2-4, 1988; Miami Lakes, Florida	Paul A. Chandler, MD	Richard J. Simmons, MD
July 6-7, 1990; Mackinac Island, Michigan	David Worthen, MD	Richard F. Brubaker, MD
December 12-14, 1991; Coronado, California	H. Saul Sugar, MD	David G. Campbell, MD
July 7-9, 1993; Reykjavik, Iceland (Joint meeting with the European Glaucoma Society)	Hans Goldmann, MD	Franz Fankhauser, MD
February 2-4, 1995; Key West, Florida	Bernard Becker, MD	Allan E. Kolker, MD
July 30 – August 2, 1996; Vancouver, British Columbia, Canada (Joint meeting with the Japanese Glaucoma Society)	Stephen M. Drance, MD	Gordon R. Douglas, MD
December 4-6, 1997; Scottsdale, Arizona	Robert N. Shaffer, MD	H. Dunbar Hoskins Jr., MD
February 18-20, 1999; Amelia Island, Florida	W. Morton Grant, MD	Douglas R. Anderson, MD
March 2-4, 2000; San Antonio, Texas	Marvin L. Sears, MD	M. Bruce Shields, MD
March 1-4, 2001; Newport Beach, California	George L. Spaeth, MD	Roger Hitchings, MD
February 28 – March 3, 2002; San Juan, Puerto Rico	Allan E. Kolker, MD	Theodore Krupin, MD
March 6-9, 2003; San Francisco, California	Richard J. Simmons, MD	E. Michael Van Buskirk, MD
March 4-7, 2004; Sarasota, Florida	Douglas R. Anderson, MD	Chris A. Johnson, PhD
March 3-6, 2005; Snowbird, Utah	Richard F. Brubaker, MD	David L. Epstein, MD
March 2-5, 2006; Charleston, South Carolina	E. Michael Van Buskirk, MD	Murray A. Johnstone, MD
March 1-4, 2007; San Francisco, California	Steven M. Podos, MD	Paul L. Kaufman, MD
March 6-9, 2008; Washington, District of Columbia	M. Bruce Shields, MD	Robert Ritch, MD
March 5-8, 2009; San Diego, California	Paul L. Kaufman, MD	Robert N. Weinreb, MD
March 4-7, 2010; Naples, Florida	Robert L. Stamper, MD	Michael A. Kass, MD
March 3-6, 2011; Dana Point, California	Richard P. Wilson, MD	Harry A. Quigley, MD
March 1-4, 2012; New York, New York	Theodore Krupin, MD	Alfred Sommer, MD, MHS
February 28 – March 3, 2013; San Francisco, California	Robert Ritch, MD	Richard K. Parrish II, MD
February 27 – March 2, 2014; Washington, District of Columbia	Donald S. Minckler, MD	George Baerveldt, MD
February 26 – March 1, 2015; Coronado, California	David L. Epstein, MD	Paul P. Lee, MD, JD
March 3-6, 2016; Fort Lauderdale, Florida	Harry A. Quigley, MD	Anne L. Coleman, MD, PhD
March 2-5, 2017; Coronado, California	Richard P. Mills, MD, MPH	Wallace L. M. Alward, MD

Date and Location	Honoree	AGS Lecturer
March 1-4, 2018; New York, New York	A. Robert Bellows, MD B. Thomas Hutchinson, MD	Joel S. Schuman, MD
March 14-17, 2019; San Francisco, California	Michael A. Kass, MD	Eve J. Higginbotham, MD
February 27 – March 1, 2020; Washington, District of Columbia	Richard K. Parrish II, MD	Steven J. Gedde, MD
March 4-7, 2021; Virtual Meeting	Paul R. Lichter, MD	Janet B. Serle, MD
March 3-6, 2022; Nashville, TN	Wallace L. M. Alward, MD	M. Roy Wilson, MD, MS
March 2-5, 2023; Austin, TX	Paul F. Palmberg, MD, PhD	Pradeep Y. Ramulu, MD, PhD
February 29 – March 3, 2024; Huntington Beach, CA	Robert N. Weinreb, MD	James D. Brandt, MD

AGS Lecturers and Award Recipients

AGS Clinician-Scientist Lecturers

The AGS Clinician-Scientist Lecture is given annually by an individual who exemplifies qualities of excellence in patient care and basic research. This individual is selected by a special committee of the AGS comprised of past, present, and future AGS Presidents and the AGS Program Committee Chair. The AGS Clinician-Scientist Lecturer is invited to present a special scientific lecture at the AGS Annual Meeting.

Year	Clinician-Scientist Lecturer	Lecture
2000	Robert N. Weinreb, MD	The Other Outflow Pathway
2001	Paul L. Kaufman, MD	Gene Therapy for Glaucoma: Anterior and Posterior Segment Targets and Constraints
2002	Harry A. Quigley, MD	Do We Really Understand Angle-Closure Glaucoma?
2003	Martin B. Wax, MD	Roles of the Immune System in Glaucoma
2004	Wallace L. M. Alward, MD	Computer Geeks in the Genome: Bioinformatics
2005	Douglas H. Johnson, MD	Glaucoma: Clues from Ultrastructure, Lessons from Epidemiology
2006	George A. Cioffi, MD	Quotes, Questions & Quandaries Regarding Optic Nerve Ischemia & Glaucoma
2007	Carl B. Camras, MD*	Serendipity Versus Directed Hypothesis Driven Research in Medical Discovery
2008	Anne L. Coleman, MD, PhD	A Public Health Perspective on Glaucoma
2009	Joseph Caprioli, MD	The Importance of Rates in Glaucoma
2010	David S. Greenfield, MD	Unlocking Mysteries in Measurements of the Retinal Nerve Fiber Layer
2011	Joel S. Schuman, MD	Advances in Optical Coherence Tomography (OCT)
2012	James D. Brandt, MD	Is It Real or Is It Artifact? What the Cornea Can Tell Us About Glaucoma
2013	Jeffrey M. Liebmann, MD	The Central 10 Degrees
2014	Janey L. Wiggs, MD, PhD	Glaucoma Genetics: Families and NEIGHBORS
2015	Claude F. Burgoyne, MD	Predicting Optic Nerve Head Susceptibility to Glaucoma
2016	John C. Morrison, MD	Understanding Mechanisms of Glaucomatous Optic Nerve
2017	R. Rand Allingham, MD*	Out of Africa: Human Migration, Glaucoma Genes, and Some Unusual Paths to a Cure
2018	Donald L. Budenz, MD, MPH	Glaucoma at the Center of the Earth
2019	Louis R. Pasquale, MD	Nitric Oxide: A Small Molecule With Large Impact in Glaucoma
2020	Sayoko E. Moroi, MD, PhD	Illuminating Our Blind Spots and Preventing Blindness
2021	David S. Friedman, MD, MPH, PhD	Angle Closure Insights
2022	Felipe A. Medeiros, MD, PhD	Shift Happens
2023	Joshua D. Stein, MD, MS	Leveraging the Power of Big Data to Capture Glaucoma Care Quality
2024	Arthur J. Sit, SM, MD	Glaucoma: Repetitive Strain Injury of the Eye

*Deceased

AGS President's Award

The recipient of the AGS President's Award is chosen by the President and approved by a special committee of the AGS comprised of past, present, and future AGS Presidents and the AGS Program Committee Chair for "significant contributions to the glaucoma community through his or her scientific achievements, service to the Society, and/or service to the profession as a whole."

Year	President's Award Recipient	Year	President's Award Recipient	Year	President's Award Recipient
2003	Ronald L. Fellman, MD	2011	Richard P. Mills, MD, MPH*	2020	AGS Member-Led Randomized Clinical Trials:
2004	Theodore Krupin, MD*		James F. Jorkasky		ABC: Donald L. Budenz, MD, MPH
2005	B. Thomas Hutchinson, MD	2012	Joanne Angle*		AVB: Iqbal Ike K. Ahmed, MD
2006	Max Forbes, MD	2013	Cynthia Mattox, MD		AGIS: Douglas E. Gaasterland, MD
2007	Bernard Schwartz, MD, PhD*	2014	U.S. Food and Drug Administration (Malvina B. Eydelman, MD, and Wiley A. Chambers, MD)		CIGTS: Paul R. Lichter, MD
2008	Glaucoma Foundation Glaucoma Research Foundation				CNTGS: Douglas R. Anderson, MD, and Stephen M. Drance, MD*
2009	H. Dunbar Hoskins Jr., MD* William L. Rich III, MD	2015	M. Roy Wilson, MD, MS		FFSS: Richard K. Parrish II, MD
2010	AGS Founding Members: Douglas R. Anderson, MD David G. Campbell, MD Max Forbes, MD John Hetherington Jr., MD* H. Dunbar Hoskins Jr., MD* Allan E. Kolker, MD* William E. Layden, MD Charles D. Phelps, MD* Irvin P. Pollack, MD* Harry A. Quigley, MD M. Bruce Shields, MD Richard J. Simmons, MD George L. Spaeth, MD	2016	Alana L. Grajewski, MD Elizabeth A. Hodapp, MD		GLT: Hugh Beckman, MD
		2017	DC Office of the AAO (Cathy Cohen, Michael X. Repka, MD, Rebecca Hyder, and Cherie McNett) and ASCRS (Nancey McCann)		OHTS: Michael A. Kass, MD
		2018	Gregory L. Skuta, MD		PTVT: Steven J. Gedde, MD
		2019	Richard A. Lewis, MD		TVT: Steven J. Gedde, MD, Richard K. Parrish II, MD, and Dale K. Heuer, MD
				2021	Alfred Sommer, MD, MHS
				2022	Sue J. Vicchilli, COT, OCS, OCSR
				2023	Anne L. Coleman, MD, PhD
				2024	Joshua D. Stein, MD, MS

AGS Humanitarian Award

The Humanitarian Award is given to an individual who has made extraordinary and innovative contributions to the field of glaucoma.

Year	Recipient	Year	Recipient	Year	Recipient
2012	Mildred MG Olivier, MD	2017	Richard K. Lee, MD, PhD	2022	Oluwatosin U. Smith, MD
2013	Marc F. Lieberman, MD*	2018	James D. Brandt, MD	2023	Alana L. Grajewski, MD
2014	Alan L. Robin, MD	2019	Ramesh S. Ayyala, MD	2024	James F. Martone, MD
2015	Donald L. Budenz, MD, MPH	2020	Paul R. Cotran, MD		
2016	Alan S. Crandall, MD*	2021	Scott D. Lawrence, MD		

*Deceased

AGS International Scholar Award

The International Scholar Award honors a colleague for lifetime contributions to glaucoma research, education, patient care, and international collaboration.

Year	Recipient	Year	Recipient	Year	Recipient
2011	Yoshiaki Kitazawa, MD, PhD	2016	Peng T. Khaw, MD, PhD	2021	Tin Aung, MBBS, FRCS(Ed), FRCOphth, MMed, FAM, PhD
2012	Remo Susanna Jr., MD	2017	Makoto Araie, MD	2022	Yvonne M. Buys, MD
2013	Ivan Goldberg, MBBS, FRANZCO	2018	Anja E. Tuulonen, MD	2023	Jonathan G. Crowston, MD, PhD
2014	Roger A. Hitchings, FRCS	2019	Jost B. Jonas, MD	2024	Keith Barton, MD, FRCP, FRCS
2015	Anders H. Heijl, MD, PhD	2020	David F. Garway-Heath, MD		

AGS Innovator Award

The Innovator Award is given to an individual who has made extraordinary and innovative contributions to the field of glaucoma.

Year	Recipient	Year	Recipient	Year	Recipient
2011	James B. Wise, MD	2016	Carl B. Camras, MD*, and László Bitó, PhD	2021	Mark A. Latina, MD
2012	George Baerveldt, MD*	2017	Joel S. Schuman, MD	2022	Murray A. Johnstone, MD
2013	Robert N. Weinreb, MD	2018	David G. Campbell, MD	2023	Douglas E. Gaasterland, MD
2014	Reay H. Brown, MD	2019	Mary G. Lynch, MD	2024	Ronald L. Fellman, MD
2015	Anthony C. B. Molteno, FRANZCO, FRCS, MB	2020	Malik Y. Kahook, MD		

AGS Surgery Day Lecturer

The Surgery Day Lecture is delivered by an individual who has contributed to the excellence and advancement of glaucoma surgery.

Year	Recipient	Year	Recipient	Year	Recipient
2010	George L. Spaeth, MD	2015	Iqbal Ike K. Ahmed, MD	2020	Brian A. Francis, MD
2011	Douglas E. Gaasterland, MD	2016	Allen Dale Beck, MD	2021	Brian E. Flowers, MD
2012	Alan S. Crandall, MD	2017	Thomas W. Samuelson, MD	2022	Arsham Sheybani, MD
2013	Marlene R. Moster, MD	2018	Ronald L. Fellman, MD	2023	Jody R. Piltz-Seymour, MD
2014	Paul F. Palmberg, MD, PhD	2019	Leon W. Herndon Jr., MD	2024	Andrew G. Iwach, MD

AGS Outstanding Educator Award

The Outstanding Educator Award recognizes an individual who has consistently demonstrated extraordinary commitment to advancing glaucoma education to residents, fellows, and/or colleagues.

Year	Recipient	Year	Recipient	Year	Recipient
2016	Wallace L. M. Alward, MD	2019	Jody R. Piltz-Seymour, MD	2022	Paul A. Sidoti, MD
2017	George L. Spaeth, MD	2020	M. Bruce Shields, MD	2023	Eydie G. Miller Ellis, MD
2018	Paul F. Palmberg, MD, PhD	2021	Marlene R. Moster, MD	2024	Sharon Freedman, MD

*Deceased

Research Fellowship Awards and Programs

The AGS Research Fellowship supports developing new investigators in the field of glaucoma research. The program is administered by the AGS Research Committee.

The 1997-2023 recipients are listed below. The recipients of the 2024 grants will be announced during the 2024 Annual Business Meeting.

Recipients are selected each year, although applications for renewals will be considered. To be eligible, a candidate must have completed, within the past five years, at least one full year of fellowship training in glaucoma. Recipients do not necessarily need to have a faculty appointment, but they must be active or provisional Members of the AGS. For more information, interested individuals may contact the AGS Administrative Office in San Francisco or visit the AGS website, www.americanglaucomasociety.net.

The Society congratulates the past recipients of the AGS Research Fellowships in Glaucoma.

AGS Young Physician-Scientist Grants

1997	Deepak P. Edward, MD	2008	Arthur J. Sit, MD John H. Fingert, MD Henry Tseng, MD, PhD Pradeep Y. Ramulu, MD, PhD Thasarat S. Vajaranant, MD Rachel W. Kuchtey, MD, PhD	2016	Ian F. Pitha, MD, PhD Osamah J. Saeedi, MD Paula Anne Newman-Casey, MD
1998	Young H. Kwon, MD, PhD			2017	David Fleischman, MD, MS Luis E. Vazquez, MD, PhD Milica Margeta, MD, PhD Jella A. An, BSC, FRCSC, MD
1999	Darrell WuDunn, MD, PhD			2018	Grace M. Richter, MD, MPH Qi N. Cui, MD, PhD Brian Song, MD Nathaniel C. Sears, MD
2000	Stuart J. McKinnon, MD, PhD	2009	Michael V. Boland, MD, PhD Joshua D. Stein, MD, MS	2019	Ken Y. Lin, MD, PhD Gavin W. Roddy, MD, PhD Erin A. Boese, MD
2001	Margaret P. Good, MD	2010	Brian Christopher Samuels, MD, PhD Vikas Gulati, MD Christopher C. Teng, MD Molly M. Walsh, MD, MPH	2020	Ahmara G. Ross, MD, PhD Benjamin Xu, MD, PhD Tave Van Zyl, MD
2002	Edward M. Barnett, MD, PhD	2011	Kathryn E. Bollinger, MD, PhD Nils A. Loewen, MD, PhD Kelly W. Muir, MD Kouros Nouri-Mahdavi, MD Yang Sun, MD, PhD	2021	Thomas V. Johnson III, MD, PhD Preethi S. Ganapathy, MD, PhD
2003	Steven L. Mansberger, MD, MPH Christopher A. Girkin, MD Pratap Challa, MD	2012	Yvonne Ou, MD Lucy Q. Shen, MD	2022	Jiun Lap Do, MD, PhD Wendy Wing-Heng Liu, MD, PhD Nazlee Zebardast, MD, MSC
2004	Christopher A. Girkin, MD Steven L. Mansberger, MD, MPH Douglas J. Rhee, MD . Lee, MD, PhD Shan C. Lin, MD	2013	Scott D. Lawrence, MD James C. H. Tan, MD, FRCOphth, PhD Benjamin J. Frankfort, MD, PhD	2023	Sophia Y. Wang, MD Inas F. Aboobkaar, MD Natasha Nayak Kolomeyer, MD
2005	Camille Hylton, MD Douglas J. Rhee, MD Shan C. Lin, MD Leslie S. Jones, MD Jeffrey A. Kammer, MD	2014	Shandiz Tehrani, MD, PhD Derek S. Welsbie, MD, PhD Sung C. Park, MD	2024	Katy C. Liu, MD, PhD Catherine Q. Sun, MD
2006	JoAnn A. Giaconi, MD Anjali M. Borade, MD, MPH Sameer Imtiaz Ahmad, MD Molly M. Walsh, MD, MPH	2015	Alex A. Huang, MD, PhD O'Rese J. Knight, MD Daniel B. Moore, MD		
2007	Dana M. Blumberg, MD John H. Fingert, MD, PhD Malik Y. Kahook, MD Rachel W. Kuchtey, MD, PhD Felipe A. Medeiros, MD, PhD Arthur J. Sit, MD				

Mid-Career Physician-Scientist Awards

These awards are designed to provide an additional source of research funding for investigators between five and 20 years out of fellowship. These grants can be competitively renewed for a second year if substantial progress has been made during the first year. These grants are meant to allow mid-career investigators to conduct initial new research or continue ongoing research.

As with the AGS Research Fellowship, the winners of the 2024 Mid-Career Physician-Scientist Awards will be announced at the 2024 Annual Business Meeting.

Recipients of the Mid-Career Physician-Scientist Award

2008	Donald L. Budenz, MD, MPH Douglas J. Rhee, MD Sanjay G. Asrani, MD	2012	John H. Fingert, MD John Danias, MD, PhD	2016	Ying Han, MD, PhD Henry Tseng, MD, PhD
2009	Edward M. Barnett, MD, PhD Cynthia L. Grosskreutz, MD, PhD Darrell WuDunn, MD, PhD	2013	Teresa C. Chen, MD Thasarat S. Vajaranant, MD Rachel W. Kuchtey, MD, PhD	2017	Kathryn E. Bollinger, MD, PhD
2010	Claude F. Burgoyne, MD Felipe A. Medeiros, MD, PhD Anthony D. Realini, MD	2014	Karen M. Joos, MD, PhD Shan C. Lin, MD	2020	Lucy Q. Shen, MD Shandiz Tehrani, MD, PhD
2011	Anjali Bhorade, MD . Lee, MD, PhD	2015	Joshua D. Stein, MD Kouros Nouri-Mahdavi, MD, MSC	2024	Ta Chen Peter Chang, MD Joanne C. H. Wen, MD

Thank you, AGS Foundation, for support of the 2024 AGS Research Fellowship grants in one or both categories.

Mentoring for Advancement of Physician-Scientists (MAPS) Program Awards

The MAPS Program is a multifaceted mentoring program of the AGS and predominant in fulfilling the mission of the organization by supporting glaucoma specialists and scientists to further their careers in science and research of glaucoma. The funding of this award provides AGS with a vehicle to expand its reach to young physician-scientists and focus on providing tools and resources to further their careers as potential leaders in the specialty of glaucoma care.

Thank you, Allergan, for being a primary supporter of the AGS MAPS Program.

MAPS Award Recipients

2008	Constance O. Okeke, MD, MSCE Pradeep Y. Ramulu, MD, PhD Zaher H. Sbeity, MD, FEBO Misha F. Syed, MD Thasarat S. Vajaranant, MD Husam Ansari, MD, PhD Vandana K. Badlani, MD Annette L. Giangiacomo, MD Lesya M. Shuba, MD, PhD Arthur J. Sit, MS, MD Joshua D. Stein, MD, MS	2013	Ta C. Chang, MD Jullia A. Rosdahl, MD Alex A. Huang, MD, PhD Ian P. Conner, MD, PhD Paula A. Newman-Casey, MD Marcos Reyes, MD Brian J. Song, MD Osamah J. Saeedi, MD Shuchi B. Patel, MD	2018	Eva DeVience, MD Jiun L. Do, MD, PhD Joshua Ehrlich, MD Mona A. Kaleem, MD Ken Lin, MD, PhD Gavin Roddy, MD, PhD Mohamed S. Sayed, MD Qianqian Wang, MD, FRCSC Benjamin Xu, MD, PhD Jithin Yohannan, MD, MPH Nazlee Zebardast, MD, MSC
2009	Kelly W. Muir, MD Scott J. Fudenberg, MD Nathan M. Radcliffe, MD Lucy Q. Shen, MD Misha F. Syed, MD Molly M. Walsh, MD Michael V. Boland, MD, PhD Nils A. Loewen, MD, PhD	2014	Deepta A. Gbate, MD Ying Han, MD Alex A. Huang, MD, PhD Mona A. Kaleem, MD O'Rese J. Knight, MD Ian F. Pitha, MD, PhD Arsham Sheybani, MD Luis E. Vazquez, MD Joanne C. H. Wen, MD Amy D. Zhang, MD	2019	Thomas V. Johnson III, MD, PhD Aakriti Garg Shukla, MD Joel R. Palko, MD Atalie C. Thompson, MD, MPH Jiun L. Do, MD, PhD Swarup S. Swaminathan, MD Sylvia L. Groth, MD Ze Zhang, MD Catherine Q. Sun, MD
2010	Kathryn E. Bollinger, MD, PhD Robert T. Chang, MD JoAnn A. Giaconi, MD Vikas Gulati, MD Kouros Nouri-Mahdavi, MD, MSc Mina B. Pantcheva, MD Yang Sun, MD, PhD	2015	Elena Bitrian, MD Lauren S. Blieden, MD Angela Elam, MD David Fleischman, MD, MS Shane J. Havens, MD Yao Liu, MD Yvonne Ou, MD Grace M. Richter, MD, MPH Jeffrey R. SooHoo, MD Luis E. Vazquez, MD Joanne C. H. Wen, MD	2020	Katy C. Liu, MD, PhD Elyse J. McGlumphy, MD Michael M. Lin, MD Natasha N. Kolomeyer, MD Huda Sheheitli, MD Ann Shue, MD Adam L. Rothman, MD Brandon J. Wong, MD Ang Li, MD
2011	Derek S. Welsbie, MD, PhD Ta C. Chang, MD Albert S. Khouri, MD Mark A. Slabaugh, MD Ahmad A. Aref, MD Anand V. Mantravadi, MD Daniel J. Good, MD Anna-Maria Demetriades, MD Benjamin J. Frankfort, MD, PhD	2016	Jella A. An, MD Amanda K. Bicket, MD Michael D. Greenwood, MD Ambika S. Hoguet, MD Robert M. Kinast, MD Arindel S. Maharaj, MD, PhD Grace M. Richter, MD, MPH Manjool M. Shah, MD Ramya N. Swamy, MD, MPH	2021	Rachel H. Lee, MD, MPH Elizabeth A. Cretara, MD Wendy W. Liu, MD, PhD Victoria L. Tseng, MD, PhD Daniel M. Vu, MD James C. Liu, MD Brian C. Stagg, MD Andrew M. Williams, MD
2012	Osamah J. Saeedi, MD Lauren S. Blieden, MD Yang Sun, MD, PhD Stella N. Arthur, MD James C. H. Tan, MD, FRCOphth, PhD Benjamin J. Frankfort, MD, PhD Joseph F. Panarelli, MD Tomas M. Grippo, MD Sung Chul Park, MD	2017	Sahar Bedrood, MD, PhD Amanda K. Bicket, MD Andrew S. Camp, MD Divakar Gupta, MD Shivani S. Kamat, MD Daniel Lee, MD Yao Liu, MD Brian D. McMillan, MD Siddarth N. Rath, MD, MBA Krishna P. Shanmugam, MD Sarah H. Van Tassel, MD	2022	Andrew E. Pouw, MD Inas F. Abookakar, MD Anh H. Pham, MD, PhD Aaron D. Webel, MD Qing Wang, MD, PhD Jasdeep Sabharwal, MD, PhD
				2023	Katy C. Liu, MD, PhD Kevin M. Halenda, MD Van D. Nguyen, MD Yasemin G. Sozeri, MD

Bernard Schwartz, MD, Memorial Award

The Bernard Schwartz, MD, Memorial Award was established in 2009 by a generous donation from Dr. Ralph Levene and Elsevier Publications.

The award is given annually to the top scored paper or poster abstract being presented at the AGS Annual Meeting by a resident.

2009	Christopher Rodarte, MD	2015	Mary Qiu, MD	2021	Rithambara Ramachandran, MD
2010	Denise S. Kim, MD	2016	Nazlee Zebardast, MD	2022	Taariq Mohammed, MD
2011	Jennifer S. Huang, MD	2017	Aakriti Garg, MD	2023	Tejus Pradeep, MD and Sharon Sabapathypillai, MD, MSc
2012	Jennifer Hu, MD	2018	Jonathan Chou, MD	2024	Vahid Mohammadzadeh, MD
2013	Tracy M. Wright, MD	2019	Emily Schehlein, MD		
2014	aplan, BA	2020	Michael S. Quist, MD		

Health Care Policy Leadership Development Program

During medical school, ophthalmology residency, and glaucoma fellowship training, ophthalmologists get minimal formal training about health policy and health services research topics. It is critically important to the AGS that there are members who understand the fundamental organization and structure of the U.S. health care system and have knowledge about how decisions are made at the Centers for Medicare & Medicaid Services and the Food and Drug Administration and about topics such as assessing quality of care, access to care, and cost of and reimbursement for health care services. It is essential that there are members of the AGS who understand how to engage health policymakers and politicians in a constructive manner that resonates with them, so they are willing to advocate on our behalf when it comes to important decisions that help us best serve our patients. Presently, there is only a small group of leaders in our field who are very knowledgeable about these topics. The goal of this initiative is to expand the number of AGS members who are well versed in these important topics.

2018	Regina M. Smolyak, MD Rochester, NY	2020	Ayan Chatterjee, MD King of Prussia, PA	2021	Natasha Nayak Kolomeyer, MD Philadelphia, PA
	Emily Patterson Jones, MD Portland, OR		Brian C. Stagg, MD, MS Salt Lake City, UT	2022	Adam L. Rothman, MD Roman I. Krivochenitser, MD
2019	Christine LeeAnn Larsen, MD Bloomington, MN				
	Angela V. Turalba, MD, MMS Boston, MA				

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3

HONOREES AND LECTURERS



AMERICAN
GLAUCOMA
SOCIETY

Honorees and Lecturers



Robert N. Weinreb, MD

Guest of Honor

Robert N. Weinreb, MD, is the Chair and Distinguished Professor of Ophthalmology at the University of California San Diego, the Director of the Shiley Eye Institute, and the Director of the Hamilton Glaucoma Center. He also holds the Morris Gleich MD Chair of Glaucoma and is appointed as Distinguished Professor of Bioengineering. Dr. Weinreb graduated from Harvard Medical School and completed his residency and fellowship at the University of California, San Francisco. A clinician, a surgeon, and a scientist, Dr. Weinreb oversees all clinical activities at the Shiley Eye Institute and within the Department of Ophthalmology. As the Director of the Hamilton Glaucoma Center, Dr. Weinreb also oversees a renowned team of scientists and staff dedicated to glaucoma.

Dr. Weinreb's clinical and research interests are diverse and range from the front to the back of the eye. They include imaging of the eye, outflow biology, optic nerve damage, and neuroprotection in glaucoma, glaucoma surgery, and digital health. With more than 40 years of consecutive grant support from the National Eye Institute, he currently is Principal Investigator of two R01 awards (EY029058 and MD014850) and a K12 Institutional Mentored Physician Scientist Award. His h-index factor in November 2023 was 147, and his research has garnered more than 86,000 citations. He also has been ranked #1 for several consecutive years by Expertscape in world glaucoma scholarship.

Dr. Weinreb is the recipient of numerous prestigious awards, including:

- 1997 Heed Ophthalmic Foundation Award – leadership and contributions in ophthalmology
- 2000 Inaugural Clinician-Scientist Lecture of the American Glaucoma Society
- 2006 Ridley Medal of St. Thomas' Hospital, London
- 2009 The Moecyr E. Alvaro Medal of Universidade Federal de Sao Paulo, Brazil
- 2010 Life Achievement Honor Award of the American Academy of Ophthalmology
- 2010 The Watson Medal of the University of Cambridge, England
- 2013 The Innovators Award of the American Glaucoma Society
- 2016 Gold Medal of the Chinese Academy of Ophthalmology
- 2017 Honorary Member of the Société Française D'Ophthalmologie
- 2017 Honorary Member, Associazione Italiana Studio Glaucoma
- 2023 Top 2 Most Influential Ophthalmologists in World, *The Ophthalmologist* Powerlist
- 2023 Laureate Award, World Glaucoma Association
- 2023 An Inaugural Inductee to *The Ophthalmologist* Hall of Fame

He has served several professional organizations in leadership positions, including:

- 2002-2003 President, Association for Research in Vision and Ophthalmology (ARVO)
- 2002 Co-founder (with R. Hitchings and E. Greve), World Glaucoma Association
- 2004-2006 President, World Glaucoma Association (WGA)
- 2007-2008 President, American Glaucoma Society (AGS)
- 2012-2013 President, American Glaucoma Society Foundation (AGSF)
- 2013-2015 President, Latin American Glaucoma Society
- 2019 Founding Faculty, Halicioglu Data Science Institute (HDSI), UC San Diego

Dr. Weinreb has delivered more than 170 named lectures and served on numerous Editorial Boards, currently including *International Glaucoma Review* (Chief Editor), *Investigative Ophthalmology and Visual Science*, and *Journal of Glaucoma*. He has trained more than 170 post-doctoral fellows in Glaucoma, including 24 department chairs (in the United States, Canada, Asia, Europe, South America, and Australia) and many others who hold distinguished positions in academia and industry.

AGS Lecturer

James D. Brandt, MD, is the Geweke Endowed Chair in Glaucoma, Professor of Ophthalmology & Vision Science, Director of the Glaucoma Service, and Vice-Chair for International Programs & New Technologies at the Tschannen Eye Institute of the University of California, Davis in Sacramento, California.

After receiving a BS degree from Yale University and an MD degree from Harvard Medical School, he pursued a two-year postdoctoral research fellowship in glaucoma-related pharmacology and cell biology at the Schepens Eye Research Institute in Boston before his residency at the USC/LA County/Doheny Eye Institute. He completed a clinical glaucoma fellowship at the Wills Eye Hospital before joining the UC Davis faculty in 1989.

Dr. Brandt's clinical practice is limited to glaucoma, with a particular focus on infantile and pediatric glaucoma. Dr. Brandt is a frequent volunteer faculty member with ORBIS International (www.orbis.org), traveling worldwide to train glaucoma specialists in the management of pediatric glaucoma, most recently (October 2023) in Lusaka, Zambia.

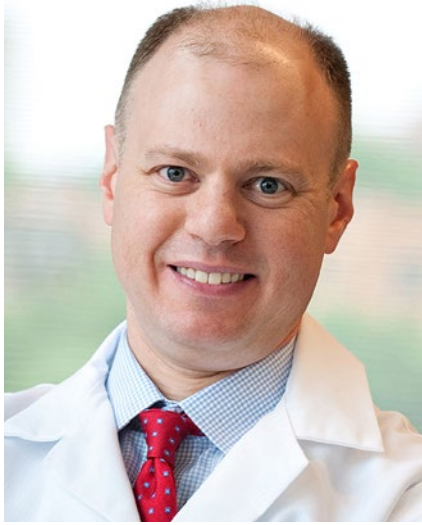
Dr. Brandt's research interests focus primarily on the material properties of the eye as they affect the measurement of intraocular pressure. Dr. Brandt has served as the principal investigator of numerous clinical trials, including the Ocular Hypertension Treatment Study (OHTS). As an OHTS principal investigator, Dr. Brandt initiated the effort to measure central corneal thickness (CCT) as a potential risk factor for glaucoma and he has continued to investigate the role of CCT in glaucoma diagnosis, risk stratification, and pathogenesis.

Dr. Brandt currently serves on the editorial boards of the *American Journal of Ophthalmology*, the *Journal of Glaucoma*, and *Ophthalmology Science*.

Dr. Brandt has served in several leadership roles for the American Glaucoma Society, and in 2012 he was selected to give the 13th Clinician-Scientist Lecture at the annual meeting of the AGS. In 2018 he was presented with the AGS Humanitarian Award for his work in the developing world on childhood glaucoma.



James D. Brandt, MD



Joshua D. Stein, MD

President's Award

Joshua D. Stein, MD, MS, is the Frederick G. L. Huetwell Professor at the University of Michigan Department of Ophthalmology and Visual Sciences. He received his medical degree from Jefferson Medical College, attended New York University / Manhattan Eye, Ear, and Throat Hospital for his ophthalmology residency training, and went to Duke University for a two-year clinical and research glaucoma fellowship. He also has a master's degree in Evaluative Clinical Sciences from Dartmouth University and completed a health policy fellowship from the University of Michigan Center for Healthcare Research and Transformation. He is a clinician-scientist who has received extramural grant support from various sources, including the National Eye Institute, Research to Prevent Blindness, the American Glaucoma Society, and the Glaucoma Research Foundation. Dr. Stein is a health services researcher who has more than 150 peer-reviewed publications on topics such as utilization of eye care services, disparities and inequities in eye care, cost-effectiveness of different ocular interventions, and predictive modelling for glaucoma and other eye diseases. His research leverages large datasets, including data from the Center's for Medicare & Medicaid Services, commercial health insurance data, and electronic health record data. He has served on the American Glaucoma Society Board of Directors in various capacities over the years, including as Chair of the AGS Patient Care Committee and spearheading the creation of the AGS CARES charitable program, which offers incisional glaucoma surgery, free of charge, to uninsured and underinsured patients. Dr. Stein has received an Achievement Award and Secretariat Award from the American Academy of Ophthalmology for his assistance on scope of practice and other policy-related matters. He's also received the Pisart Award from the Lighthouse Guild and the David L. Epstein Award from the ARVO Foundation for Eye Research to highlight his efforts to mentor future clinician-scientists. Dr. Stein serves on the editorial board of *JAMA Ophthalmology* and has served as a reviewer on multiple NIH study sections. He is president of the Chandler Grant Glaucoma Society and a standing committee member for the National Quality Forum. He spearheads the Sight Outcomes Research Collaborative (SOURCE), a consortium of more than two dozen health systems across the country that are sharing deidentified electronic health record and ocular diagnostic test data on eye care recipients from their institutions. His team cleans, aggregates, harmonizes, and links the clinical and diagnostic test data to social determinant of health data and other datasets to permit faculty and trainees from the participating centers to use SOURCE data for research projects or quality improvement initiatives. Over the years, he has trained numerous clinical and research glaucoma fellows, including several who are now successful NIH-funded independent investigators. He lives in Ann Arbor with his wife Cris and their two Labrador retrievers.

Innovator Award

Ronald L. Fellman, MD, is a founder of Glaucoma Associates of Texas (GAT). Beginning in 1983, as an Attending Surgeon and Clinician, he helped create the largest private glaucoma practice in the country. The practice is dedicated to delivering the highest quality of tertiary glaucoma care, performing innovative clinical research, and creating novel glaucoma surgeries. Dr. Fellman graduated AOA from Tulane Medical School and completed his internship and ophthalmology residency at University of Texas Southwestern Medical School Dallas (1978-1982, John Lynn, MD, chair) and his fellowship in glaucoma at Wills Eye Hospital (1982-1983, George Spaeth, MD, and Richard Wilson, MD).

Dr. Fellman has been an active member of the American Glaucoma Society since 1989. During the past 35 years, he has served in various capacities, innovating for the Society on a number of administrative levels. The highlights include AGS Association of University Professors of Ophthalmology delegate 1989-2000, Ad Hoc Committee Chair on Subspecialty Certification 1990-1996, AGS councilor to the American Academy of Ophthalmology (AAO) 1995-2000, AAO Federal Healthcare Policy Committee 1999-2006, AGS-AAO Program Committee 1995-2001, Patient Care Committee Chair 2000-2008, Healthcare Policy and Reimbursement Chair 2011-2014, Surgery Day lecturer 2018, AGS Secretary 2015-2020, Vice President 2020-2021, and President in 2021-2022. He has contributed significantly on the legislative and coding fronts and received the first President's Award (2003) for these efforts.

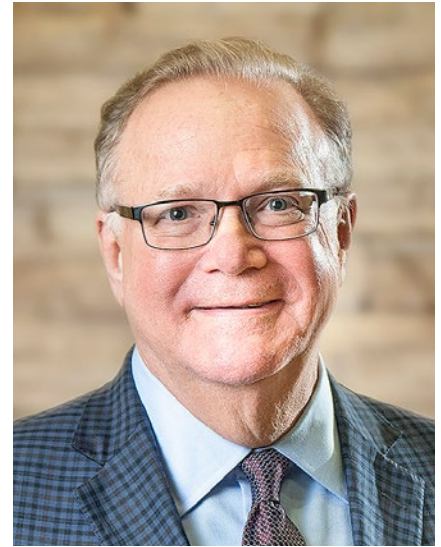
Ron Fellman serves on the board of the Cure Glaucoma Foundation, an organization dedicated to reducing blindness from glaucoma on a global level, and has delivered named lectures and received various Lifetime, Honor, and Secretariat AAO awards. He has coauthored over 90 published papers and 20 book chapters on the medical and surgical management of glaucoma and is coeditor of a recent book entitled *GATT Gonioscopy Assisted Transluminal Trabeculotomy: A Guide to Circumnavigating Schlemm's Canal from Around the World* (eds. Fellman and Grover, Kugler Publications, 2023).

On the surgical innovation front, Dr. Fellman performed the first ab externo circumferential suture trabeculotomy in the United States with John Lynn, MD, in 1986, and 25 years later (2011), he invented and performed the first ab interno circumferential trabeculotomy (the GATT procedure) with Davinder Grover, MD. He also first described the episcleral venous fluid wave and its correlation to MIGS outcomes, as well as developing many other surgical techniques with his partners at GAT. Dr. Fellman's research interests include innovative glaucoma surgery, wound healing after canal-based surgery, outflow imaging, canal-based MIGS, perimetry, and secondary canalogenesis in infantile glaucoma.

On a different innovation front, he enjoys composing and playing music. Most recently he composed and published the song "Every Shadow Proves That There's a Light" (© 2023 Fellman and Grimes). All proceeds from streaming (Spotify, YouTube, Apple Music, etc.) are donated to the Cure Glaucoma Foundation. When Ron is not thinking about glaucoma or creating music, he is either fly-fishing with his wife, three daughters, and son-in-law, or photographing nature (his other passions).

Dr. Fellman wishes to thank all his mentors, his GAT physician family, his wife Nancy (who continues to point him in the right direction and supports him in so many ways), and his three daughters and son-in-law, who inspire him to be better at what counts. He also wishes to express his gratitude to his patients over the past 40 years, who continue to inspire and motivate him to be a better doctor.

When asked about innovation, Ron Fellman said, "Meaningful changes in patient care don't come easily. My goal is to remain a catalyst to unite physicians, patients, and researchers. As we strive to be the best physicians that represent the AGS, we can better the lives of our patients with the best innovation possible."



Ronald L. Fellman, MD



Andrew G. Iwach, MD

Surgery Day Lecturer

Andrew G. Iwach, MD, is an associate clinical professor of ophthalmology at the University of California at San Francisco (UCSF) and a faculty instructor at the California Pacific Medical Center Department of Ophthalmology. Dr. Iwach is a Fellow of the American Academy of Ophthalmology and was its Secretary of Communications. He has served on the Academy's Committee on Medical Information Technology, Patient Education Committee, and Media Advisory Task Force, as well as having served as the Chief Medical Editor of the Academy's member publication, *Academy Express*, and currently serving as a spokesperson. Dr. Iwach is an examiner for the American Board of Ophthalmology, the Executive Director for the Glaucoma Research and Education Group, Executive Director of the Glaucoma Center of San Francisco, Cofounder of the Eye Surgery Center of San Francisco, and Cofounder of Glaucoma 360 New Horizons Forum. Dr. Iwach is also a Member of the Ophthalmic Mutual Insurance Company Board of Directors. He specializes in glaucoma treatment.

In 1984, Dr. Iwach received his medical degree from the University of California at Los Angeles. He completed an internship at San Diego's Mercy Hospital in 1985 and his ophthalmology residency at Stanford University Medical Center in 1988. After completing his glaucoma fellowship with Dr. Robert N. Shaffer at UCSF in 1989, he joined the Shaffer Medical Group as a glaucoma specialist. He also is past Research Director, Secretary, Treasurer, and Vice President and the current Chair of the Board for the Glaucoma Research Foundation in San Francisco.

Dr. Iwach has been a scientific reviewer for several medical journals, including *Ophthalmology*, *American Journal of Ophthalmology*, *Archives of Ophthalmology*, *Ophthalmic Surgery and Lasers*, and the *Journal of Glaucoma*.

He has published 80 articles in peer-reviewed clinical and scientific journals and has lectured extensively on glaucoma and other topics in ophthalmology in the United States and abroad.

Dr. Iwach serves on various boards of ophthalmic organizations and publications. He is a recipient of the Life Achievement Honor Award from the American Academy of Ophthalmology.

International Scholar Award

Keith Barton, MD, FRCP, FRCS, FRCOphth, is a Consultant Ophthalmologist and Glaucoma Specialist at Moorfields Eye Hospital, Professor of Ophthalmology at University College London and Co-chair of Ophthalmology Futures Forums.

His areas of interest are the surgical management of glaucoma, especially surgical devices and specifically the management of glaucoma in uveitis. With Donald Budenz, he introduced amniotic membrane transplantation to glaucoma surgery in the late 1990s, introduced the Baerveldt Glaucoma Implant to the United Kingdom in 1999, co-invented the Paul Glaucoma Implant, has been an investigator and steering group member of the landmark Tube Versus Trabeculectomy and Primary Tube vs. Trabeculectomy Studies, Cochair of the Ahmed Baerveldt Comparison Study, and a member of the Trial Management Committees of both the Treatment of Advanced Glaucoma Study (TAGS), published in the *BMJ*, and the Lasers in Glaucoma and Ocular Hypertension (LIGHT) Study, published in the *Lancet*. He recently co-edited, with Dr Chelvin Sng, a book on minimally invasive glaucoma surgery (Springer), that achieved 21,000 downloads in the first four months after publication.

In 2021, he stepped down from a seven-year tenure as Editor-in-Chief of the *British Journal of Ophthalmology*. He was formerly Chair of the International Glaucoma Association (now Glaucoma UK), a registered charity, and former Glaucoma Service Director at Moorfields Eye Hospital. He has served as Hong Leong Visiting Professor at the National University of Singapore from 2011-2014 and 2016-2017 and has been a trustee of the TFC Frost Charitable Trust since 2015.

Following medical school in Belfast, Dr. Barton completed his training at Moorfields Eye Hospital and the Bascom Palmer Eye Institute, University of Miami. Since then, he has been invited to lecture on every continent and in 2024 will be awarded the American Glaucoma Society International Scholar Award. In 2017 he was awarded the Charamis Medal at the SOE (European Society of Ophthalmology) for achievement in the field of ophthalmic surgery. He is Honorary Treasurer of the International Society for Glaucoma Surgery and founder of the European Society of Cataract and Refractive Surgeons, Glaucoma Day. He has organized and run the Moorfields International Glaucoma Symposium annually since 2008 (migs.org.uk) and in 2012, co-founded Ophthalmology Futures Forums, industry investor events in ophthalmology, both in Europe and Asia (ophthalmology-futures.com). He has four times been voted one of the 100 most influential people in global ophthalmology by *The Ophthalmologist* magazine (no. 10 in the world in 2018).

Keith is actively involved in surgical teaching and patient education, organizing surgical wetlabs locally and internationally. He has produced patient information on aqueous shunt implantation and trabeculectomy, available online in several languages, and he has co-founded migs.org to help patients navigate the proliferation of new glaucoma surgical devices and an international glaucoma surgery registry, IGSR.org, for surgeons to record and track glaucoma surgical outcomes. His online and other activities are available through links at glaucoma-surgery.org.

Keith has carried out charitable work and population-based research during 13 visits to Ghana, West Africa, as an Investigator in the Tema Eye Survey and the subsequent TES II. He regularly participates in fundraising events, having cycled 200 miles from London to Paris in 24 hours four times for the International Glaucoma Association and having completed five 100-mile charity cycle rides for Moorfields Eye Charity from 2013-2017, as well as five marathons, including Boston.



Keith Barton, MD, FRCP, FRCS, FRCOphth



Sharon Freedman, MD

Outstanding Educator Award

Sharon Freedman was born and raised in Durham, North Carolina. After graduating summa cum laude from Duke University as a chemistry major in 1981, she earned her MD from Harvard Medical School in 1985. There she met her classmate, Neil, who became her best friend and then her husband. She completed ophthalmology residency at Massachusetts Eye and Ear Infirmary, and Pediatric Ophthalmology fellowship at Boston Children's Hospital. Dr. Freedman then returned to her home in Durham, where she completed clinical and research fellowships in Glaucoma at Duke University Medical Center.

Dr. Freedman took her initial faculty position at UNC-Chapel Hill in 1992, returning in 1995 to join the faculty at the Duke Eye Center, where she is currently tenured Professor of Ophthalmology and Pediatrics, Chief of the Pediatric Ophthalmology Division, and Fellowship Director.

Dr. Freedman enjoys all aspects of pediatric ophthalmology and strabismus but has a special interest in childhood glaucoma, childhood cataracts, and retinopathy of prematurity. She greatly enjoys mentoring clinical fellows, residents, and medical students and collaborating with faculty colleagues. At UNC-Chapel Hill, she had the honor of meeting and mentoring Leon Herndon, whom she recognized as a stellar resident and a future shining star in the field of glaucoma. She has published nearly 250 peer-reviewed articles, as well as participating in over 75 group publications from her involvement in multicenter clinical trials, such as the Infant Aphakia Treatment Study (IATS) and the PEDIG Cataract Outcomes Study (PEDIG); she has authored or co-authored over 30 book chapters and co-edited several books. Dr. Freedman has delivered numerous lectures nationally and internationally and has led or participated in more than 75 courses at national and international meetings. She was privileged to participate as site PI for several pivotal trials, including the Early Treatment for ROP Study and IATS, and she was a co-investigator on several NIH studies involving gene discovery in primary congenital glaucoma and OCT in premature neonates.

Dr. Freedman has been active in the American Association for Pediatric Ophthalmology and Strabismus (AAPOS), serving as Program Committee Chair, Member-at-Large on the Board of Directors, and President. She chaired the Subspecialty Task Force and served on several AAPOS committees. AAPOS has awarded her its Honor, Senior Honor, and Lifetime Achievement Awards. She has been a long-standing member of the AGS and has participated in the American Academy of Ophthalmology (AAO) as well, earning AAO Achievement and Senior Achievement Awards. Dr. Freedman serves as ad hoc reviewer for many journals and served two terms on the Editorial Board of *JAAPOS*. For her dedication to excellence in teaching, she was awarded the Golden Globe Award. For her dedication to patients, she was awarded the Leonard Tow Humanism in Medicine Award.

Sharon and Neil Freedman have two children: Rebecca Neustein, a glaucoma attending at Emory Medical Center, lives in Atlanta with her husband and their three children. Benjamin is in cardiology fellowship and lives in Boston with his wife. Neil Freedman is a clinician-scientist in cardiology at Duke. In her spare time, Sharon Freedman loves to bake, be a "Bubbie" (grandma), travel with family, and work outdoors. She is immensely honored and humbled to receive the AGS 2024 Outstanding Educator Award and especially privileged to receive it from one of her star former trainees, Leon Herndon.

Humanitarian Award

Associate Professor of Clinical Ophthalmology (Glaucoma)

Inaugural Director of the Division of International Ophthalmology & Global Eye Health within Yale Department of Ophthalmology

Dr. James Martone received his BA from Providence College and his MD from Albert Einstein College of Medicine, where he also completed his ophthalmology residency. In addition, he received a MPH in epidemiology from the Johns Hopkins University School of Hygiene and Public Health. He received fellowship training in glaucoma at Duke University and has also completed fellowships at the Wilmer Eye Institute (Preventive Ophthalmology), Bethesda Eye Institute (International Ophthalmology), and Cullen Eye Institute of Baylor University (International Ophthalmology).

Dr. Martone has served on the faculty teaching at the Doheny Eye Institute of the University of Southern California School of Medicine, as well as within the International Eye Foundation, Bethesda, Maryland, the Massachusetts Eye and Ear Infirmary, Harvard Medical School, and the Glaucoma Service, New York Eye and Ear Infirmary. He was Medical Director of ORBIS International, a global nongovernmental organization dedicated to fighting blindness worldwide; through this work, he oversaw teaching of clinical and surgical ophthalmology in countries around the world. He has personally worked in over 100 locations in more than eighty countries. He has worked extensively in countries such as China, Cuba, Cameroon, Colombia, and Peru. Dr. Martone was also Director of the Eye Clinic, Victoria Hospital, Castries, St. Lucia, and Consultant Ophthalmologist to the Ministry of Health, St. Lucia.

Dr. Martone previously held a voluntary appointment as an Assistant Professor of Ophthalmology at the Yale School of Medicine, where he recently received the residency program's Excellence in Teaching Award. He is president of the Connecticut Society of Eye Physicians and a founding member of the Connecticut Glaucoma Society, as well as a member of several other professional societies, including the American Academy of Ophthalmology and the American Society for Cataract and Refractive Surgery.



James F. Martone, MD, MPH



Arthur J. Sit, SM, MD

Clinician-Scientist Lecturer

Dr. Sit is a Professor of Ophthalmology, Research Chair, and Glaucoma Fellowship Director in the Department of Ophthalmology at the Mayo Clinic in Rochester, Minnesota. Prior to medical school, he graduated in Mechanical Engineering from the University of Toronto, worked as a management consultant at Andersen Consulting (now Accenture), and completed a Master's degree in Mechanical Engineering at the Massachusetts Institute of Technology. He then attended medical school and residency at the University of Toronto and completed a glaucoma fellowship at the University of California San Diego under the mentorship of Dr. Robert Weinreb. After fellowship, he joined the faculty at Mayo Clinic.

His research interests focus on the mechanical properties of the eye that control intraocular pressure variations and contribute to glaucoma, including aqueous humor dynamics and ocular biomechanics. Dr. Sit's research has led to the development of several novel instruments and techniques for measurement of these properties. This includes devices for the objective, noninvasive measurement of episcleral venous pressure and the *in vivo* assessment of ocular tissue biomechanical properties. Using these devices, his work has helped to elucidate the underlying mechanisms controlling short-term, long-term, and circadian intraocular pressure fluctuations, as well as the mechanisms of action of novel glaucoma therapeutics. His research has also helped to understand the role of altered tissue biomechanics and intraocular pressure fluctuations in glaucoma. Funding for his work has included support by the National Institutes of Health, the National Aeronautics and Space Administration (NASA), BrightFocus Foundation, Research to Prevent Blindness, the American Glaucoma Society, and industry grants.

Dr. Sit has mentored numerous medical students, residents, and clinical and research fellows, many of whom are now successful academic glaucoma specialists and clinician-scientists. He is a Fellow of the Association for Research in Vision and Ophthalmology (ARVO) and has been the recipient of the American Glaucoma Society Clinician-Scientist Award, the World Glaucoma Association Young Clinician Scientist Award, and the American Academy of Ophthalmology Achievement and Senior Achievement Awards. He currently serves as Treasurer and Executive Committee member for the World Glaucoma Association, and he was Program Co-chair of the World Glaucoma Congress from 2019 to 2023. He is past Chair of the Research Committee for the American Glaucoma Society and is past President of the Minnesota Academy of Ophthalmology.

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3

PROGRAM SCHEDULE




AMERICAN
GLAUCOMA
SOCIETY

Program Schedule



WEDNESDAY, FEBRUARY 28


TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
12:00 PM – 8:00 PM	Exhibitor Installation	Mariners Ballroom
2:00 PM – 8:00 PM	Registration & Exhibitor Check-In	Grand Ballroom Foyer
5:30 PM – 6:00 PM	Patient Engagement Seminar – Registration	Grand Ballroom
6:00 PM – 7:00 PM	Through the Patient's Eyes: Patient Engagement Event	
	Moderator: Jullia Rosdahl, MD, PhD	
	A One-on-One Discussion: Glaucoma Doctor and Patient With Audience Participation	Leon W. Herndon Jr., MD, and Ms. Laura Savini
7:00 PM – 8:00 PM	AGS Foundation Reception	

THURSDAY, FEBRUARY 29

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
7:00 AM – 5:00 PM	Registration & Exhibitor Check-In	Grand Ballroom Foyer
7:00 AM – 8:30 AM	<i>Breakfast – Exhibit Hall</i>	Mariners Ballroom
7:00 AM – 3:00 PM	<i>Exhibit Hall Viewing</i>	Mariners Ballroom
7:30 AM – 8:30 AM	Diamond Theater – Breakfast Symposium (Alcon)	Huntington Ballroom
7:30 AM – 8:30 AM	Top Posters Presentation: Session 1	Grand Foyer South
8:30 AM – 10:30 AM	Spouse/Guest Hospitality Room	The Cove
9:30 AM – 10:15 AM	Concierge Visit to Hospitality Room	The Cove
8:30 AM – 8:33 AM	Welcome, Introduction & Announcements	Grand Ballroom
	AGS President: Leon W. Herndon Jr., MD Program Chairs: Michele C. Lim, MD & Kouros Nouri-Mahdavi, MD, MSC	
8:33 AM – 8:34 AM	Announcements	Grand Ballroom
	Surgery Day Chairs: Leo K. Seibold, MD & Qi N. Cui, MD, PhD	
8:34 AM – 9:34 AM	Surgery Day Section 1 SOS: Surgery on the Skids – What's My Next Move? 	Grand Ballroom
	Moderators: Vikas Chopra, MD & George H. Tanaka, MD	
8:34 AM – 8:36 AM	Case/Video #1: Phaco-MIGS Case With PC Tear	Sameh Mosaed, MD
8:36 AM – 8:41 AM	My Next Move	
8:41 AM – 8:46 AM	Panel Discussion	
8:46 AM – 8:48 AM	Case/Video #2: Excessive Bleeding During MIGS	Arsham Sheybani, MD
8:48 AM – 8:53 AM	My Next Move	
8:53 AM – 8:58 AM	Panel Discussion	
8:58 AM – 9:00 AM	Case/Video #3: Scleral Flap Problem – Can't Control Flow (Torn Flap, Thin Flap, Etc.)	Marlene R. Moster, MD
9:00 AM – 9:05 AM	My Next Move	
9:05 AM – 9:10 AM	Panel Discussion	




TIME	EVENT TITLE / MODERATOR		LOCATION / SPEAKER(S)
	9:10 AM – 9:12 AM	Case/Video #4: Accidentally Cut Tube During Insertion	Cara E. Capitena Young, MD
	9:12 AM – 9:17 AM	My Next Move	
	9:17 AM – 9:22 AM	Panel Discussion	
	9:22 AM – 9:24 AM	Case/Video #5: Can't Close Conjunctiva During Trab/Tube Revision	Shane J. Havens, MD
	9:24 AM – 9:29 AM	My Next Move	
	9:29 AM – 9:34 AM	Panel Discussion	
9:34 AM – 9:36 AM	<i>Transition</i>		
9:36 AM – 9:41 AM	AGS Cares Program Update		Grand Ballroom
	Adam L. Rothman, MD		
9:41 AM – 10:41 AM	Surgery Day Section 2: Paper Presentations 		Grand Ballroom
	Moderators: Leo K. Seibold, MD & Qi N. Cui, MD, PhD		
	9:41 AM – 9:48 AM	The Duke Baerveldt Versus Ahmed ClearPath Study (DBACS): A Randomized Control Trial Comparing Baerveldt 350 and ClearPath 350 Glaucoma Drainage Devices	Andrew Gross, MD
	9:48 AM – 9:53 AM	Discussion	
	9:53 AM – 10:00 AM	Multicenter Canaloplasty Data Registry – Outcomes of Ab-Interno Canaloplasty Across Different Glaucoma Types and Severity	Keith Barton, MD, FRCP, FRCS
	10:00 AM – 10:05 AM	Discussion	
	10:05 AM – 10:12 AM	Outcomes of Full 360-Degree Versus 180-Degree Trabeculotomy Without Phacoemulsification: An International Multicentre Study	Ahmed Abdelaal, MD
	10:12 AM – 10:17 AM	Discussion	
	10:17 AM – 10:24 AM	Influence of Baseline Intraocular Pressure or Medication on Two-Year Outcomes of a Supraciliary Drainage Device in the STAR-I, -II, -III Trials	Poonam Misra, MD
	10:24 AM – 10:29 AM	Discussion	
	10:29 AM – 10:36 AM	A Comparative Study of Two Types of Nonvalved Glaucoma Drainage Devices	Michael Pro, MD
	10:36 AM – 10:41 AM	Discussion	
10:41 AM – 11:11 AM	<i>Break – Exhibit Hall</i>		
11:11 AM – 11:41 AM	Surgical Video Competition Finalists & Award Presentation		Grand Ballroom
	Moderator: Christopher Teng, MD		
	11:11 AM – 11:16 AM	Phaco/GATT With Cyclodialysis Cleft Formation and Repair	Brian Krawitz, MD
	11:16 AM – 11:21 AM	Amniotic Membrane Graft for an Overfiltering Scleral Flap	Wendy Liu, MD, PhD
	11:21 AM – 11:26 AM	Three Techniques for Guidewire-Assisted Sulcus Tube Entry	Mary Qiu, MD
	11:26 AM – 11:31 AM	Same-Quadrant Tube Exchange with Five-Layer Closure for Recurrent Tube Erosion	Mary Qiu, MD


TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
	11:31 AM – 11:36 AM DIY for Glaucoma Procedures – Practice Makes a Doctor Perfect	Swati Upadhyaya, DNB, DOMS
	11:36 AM – 11:41 AM Voting & Award Presentation	
11:41 AM – 11:51 AM	Presentation of Innovator Award	Grand Ballroom
	Leon W. Herndon Jr., MD	
11:51 AM – 12:29 PM	Glaucoma Surgery Day Lecture	Grand Ballroom
	11:51 AM – 11:56 AM Introduction of Surgery Day Lecture	Carla J. Siegfried, MD
	11:56 AM – 12:21 PM Glaucoma Management: It's All About the Patient	Andrew G. Iwach, MD
	12:21 PM – 12:29 PM Q&A	
12:29 PM – 12:30 PM	Announcements	
12:30 PM – 2:29 PM	<i>Lunch – On Your Own</i>	
12:30 PM – 2:00 PM	Diamond Theater: Allergan (Lunch Event)	Huntington Ballroom
12:45 PM – 2:00 PM	<i>President's Lunch (by invitation only)</i>	Sandpiper Room
2:29 PM – 3:29 PM	Surgery Day Section 3: AGS/EGS Joint Symposium – MIGS Perspectives From Across the Pond 	
	Moderators: Thomas W. Samuelson, MD & Ananth Viswanathan, MD	Grand Ballroom
	2:29 PM – 2:35 PM MIGS: Where Is the Evidence?	Fotis Topouzis, MD (EGS)
	2:35 PM – 2:41 PM MIGS: The Evidence Is Here, the Time Is Now	Iqbal Ike K. Ahmed, MD
	2:41 PM – 2:43 PM Scenario #1: Keep It Simple or Go for Tandem? Mild Glaucoma in a Patient With Cataracts	
	2:43 PM – 2:48 PM Option #1: Cataract Surgery Alone	Marta Pazos, MD (EGS)
	2:48 PM – 2:53 PM Option #2: A Case for MIGS + Cataracts	Lauren Sasha Blieden, MD
	2:53 PM – 2:55 PM Scenario #2	
	2:55 PM – 3:00 PM Option #1: Xen	Joseph F. Panarelli, MD
	3:00 PM – 3:05 PM Option #2: Preserflo	Ingeborg Stalmans (EGS)
	3:05 PM – 3:07 PM Scenario #3: A Tidal Wave Is Rolling In: What to Do for Advanced Glaucoma?	
	3:07 PM – 3:12 PM Option #1: MIGS in Advanced Disease	Erin G. Sieck MD
	3:12 PM – 3:17 PM Option #2: A Case for Traditional Surgery	Keith Barton, MD, FRCP, FRCS
	3:17 PM – 3:29 PM Panel Discussion	
3:29 PM – 3:32 PM	<i>Transition</i>	
3:32 PM – 4:32 PM	Surgery Day Section 4: Avoiding Another Wipeout – Be Tenacious or Opt for a Step Up? 	
	Moderators: Joanne C. H. Wen, MD & Brian A. Francis, MD	Grand Ballroom
	3:32 PM – 3:34 PM Scenario #1: Failed MIGS Stent	
	3:34 PM – 3:38 PM Option #1: More MIGS! (Including Xen)	Manjool M. Shah, MD
	3:38 PM – 3:42 PM Option #2: Trab/Tube	Eydie G. Miller-Ellis, MD
	3:42 PM – 3:47 PM Panel Discussion	
	3:47 PM – 3:49 PM Scenario #2: Failed Xen	
	3:49 PM – 3:53 PM Option #1: Revision or Second Xen	Oluwatosin U. Smith, MD

TIME	EVENT TITLE / MODERATOR		LOCATION / SPEAKER(S)
	3:53 PM – 3:57 PM	Option #2: Trab/Tube Shunt	Ahmad A. Aref, MD
	3:57 PM – 4:02 PM	Panel Discussion	
	4:02 PM – 4:04 PM	Scenario #3: Failed Tube Shunt	
	4:04 PM – 4:08 PM	Option #1: Second Tube Shunt	Craig J. Chaya, MD
	4:08 PM – 4:12 PM	Option #2: CPC	Robert M. Feldman MD
	4:12 PM – 4:17 PM	Panel Discussion	
	4:17 PM – 4:19 PM	Scenario #4: Failed CPC, and Everything Else!	
	4:19 PM – 4:23 PM	Option #1: More Surgery	Ian Patrick Conner, MD, PhD
	4:23 PM – 4:27 PM	Option #2: Nonsurgical Therapy	Sarwat Salim, MD
	4:27 PM – 4:32 PM	Panel Discussion	
4:32 PM – 4:35 PM	<i>Transition</i>		
4:35 PM – 5:35 PM	Surgery Day Section 5: AGS/ASCRS Symposium – California Dreamin’ Vision: Balancing Refractive and IOP Targets for Glaucoma Patients 		Grand Ballroom
	Moderators: Jella Angela An, BSC FRCSC, MD & Davinder S. Grover, MD, MPH (ASCRS)		
	4:35 PM – 4:45 PM	IOL Calculation and Astigmatism Management in the Setting of Traditional Glaucoma Surgery	Aakriti Garg Shukla, MD
	4:45 PM – 4:50 PM	Q&A	
	4:50 PM – 5:00 PM	Multifocal/EDOF/LAL IOLs in Glaucoma Patients and Suspects	Paul Harasymowycz, MD, FRCSC
	5:00 PM – 5:05 PM	Q&A	
	5:05 PM – 5:15 PM	Use of Wavefront Analysis and Optimizing Refractive Outcomes in Phaco/MIGS	Sahar Bedrood, MD, PhD
	5:15 PM – 5:20 PM	Q&A	
	5:20 PM – 5:30 PM	Laser Refractive Surgery in High-Risk Glaucoma Suspects	Michael D. Greenwood, MD
	5:30 PM – 5:35 PM	Q&A	
5:35 PM – 6:25 PM	Young Glaucoma Specialist (YOGS) Reception (by invitation only)		The Cove
6:30 PM – 8:30 PM	Super Bowl of Grand Rounds: Cases & Cocktails Working Reception – AGS Members Only		
	Jody R. Piltz-Seymour, MD & Douglas J. Rhee, MD		Huntington Ballroom

FRIDAY, MARCH 1


TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
7:00 AM – 7:50 AM	Morning Yoga	California Courtyard
7:00 AM – 8:30 AM	<i>Breakfast – Exhibit Hall</i>	Mariners Ballroom
7:00 AM – 5:00 PM	Registration	Grand Ballroom Foyer
7:00 AM – 3:00 PM	<i>Exhibit Hall Viewing</i>	Mariners Ballroom
7:15 AM – 8:15 AM	Diamond Theater: Glaukos (Breakfast Symposium)	Huntington Ballroom
7:30 AM – 8:30 AM	Top Posters Presentation Session 2	Grand Foyer South
8:30 AM – 10:30 AM	Spouse/Guest Hospitality Room	The Cove
8:30 AM – 8:34 AM	Announcements	Grand Ballroom


TIME	EVENT TITLE / MODERATOR		LOCATION / SPEAKER(S)
8:34 AM – 9:34 AM	Paper Presentations: Medications & Epidemiology 		Grand Ballroom
	Moderators: Steven L. Mansberger, MD, MPH & Eydie G. Miller Ellis, MD		
8:34 AM – 8:41 AM	Randomized Controlled Noninferiority Trial Evaluating the Safety and Efficacy of Microdrops Administered With the Nanodropper Adaptor in Glaucoma Patients		Annamalai Odayappan, DO, NB
8:41 AM – 8:46 AM	Discussion		
8:46 AM – 8:53 AM	Bimatoprost Induction of Lymphangiogenesis as a Potential Mechanism of Sustained Intraocular Pressure Reduction		Archana Bhagyalakshmi Murali, BS
8:53 AM – 8:58 AM	Discussion		
8:58 AM – 9:05 AM	Eye Drop Instillation Performance and Hand Function in Glaucoma Patients		Madeline Kate Weber
9:05 AM – 9:10 AM	Discussion		
9:10 AM – 9:17 AM	Relationship Between Chronic Stress Quantified by Allostatic Load and Glaucoma in the All of Us Research Program		Kristy Yoo, BA
9:17 AM – 9:22 AM	Discussion		
9:22 AM – 9:29 AM	Unilateral, Bilateral, and Sequential Blindness in Glaucoma Patients in the Academy IRIS® (Intelligent Research In Sight) Registry		Natasha Nayak Kolomeyer, MD
9:29 AM – 9:34 AM	Discussion		
9:34 AM – 9:37 AM	<i>Transition</i>		
9:37 AM – 10:37 AM	Symposium 1: Where the Surf Meets the Turf – Glaucoma and the Ocular Surface 		Grand Ballroom
	Moderators: Michele C. Lim, MD & JoAnn A. Giaconi, MD		
9:37 AM – 9:46 AM	Let's Tear Into the Details of Ocular Tear Film Basics and Diagnosis of Ocular Surface Disease		JoAnn A. Giaconi, MD
9:46 AM – 9:55 AM	The Perfect Storm: How Glaucoma Medications Affect the Ocular Surface		Miriam Kolko, MD, PhD
9:55 AM – 10:04 AM	Reserve Your Preservatives: BAK, the Ocular Surface and Preservative Alternatives		Osamah Jawaid Saeedi, MD
10:04 AM – 10:11 AM	Panel Discussion		
10:11 AM – 10:20 AM	Step Into Liquid: What's New in the Treatment of Dry Eye Disease?		Saba K. Al-Hashimi, MD
10:20 AM – 10:29 AM	So. Cal. Sunset or Sandy Eyes: How Do I Strategize My Glaucoma Treatment in the Setting of Ocular Surface Disease?		Sarah R. Wellik, MD
10:29 AM – 10:37 AM	Panel Discussion		
10:37 AM – 11:07 AM	<i>Break – Exhibit Hall</i>		
10:37 AM – 11:07 AM	Medal Level Supporter Meet & Greet with AGS Leadership		The Cove
11:07 AM – 12:07 PM	Paper Presentations: AI & Diagnostics 		
	Moderators: Linda Zangwill, PhD & Ken Lin, MD, PhD		Grand Ballroom
11:07 AM – 11:14 AM	Prediction of Functional Glaucoma Progression Combining Baseline Clinical and Structural Data With a Deep Learning Model		Vahid Mohammadzadeh, MD
11:14 AM – 11:19 AM	Discussion		

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
	11:19 AM – 11:26 AM Gap Analysis of Glaucoma Examination Concept Representations Within Standard SNOMED Clinical Terms	Shahin Hallaj, MD
	11:26 AM – 11:31 AM Discussion	
	11:31 AM – 11:38 AM Estimating Individualized Baseline for Retinal Nerve Fiber Layer Thickness Using Deep Learning	Ou Tan, PhD
	11:38 AM – 11:43 AM Discussion	
	11:43 AM – 11:50 AM The Role of Race, Ethnicity, and Gender in Fairness for Artificial Intelligence Models for Glaucoma	Sophia Wang, MD, MS
	11:50 AM – 11:55 AM Discussion	
	11:55 AM – 12:02 PM In Vivo Calcium Imaging of Retinal Ganglion Cell Function With Brimonidine Treatment	Yang Sun
	12:02 PM – 12:07 PM Discussion	
12:07 PM – 12:10 PM	<i>Transition</i>	
12:10 PM – 12:13 PM	Introduction to Glaucoma Ted Talks	Husam Ansari, MD, PhD and Shivani Kamat, MD
12:13 PM – 12:26 PM	AGS CSI² – Unveiling the Science of Career Happiness Ruth D. Williams, MD	Grand Ballroom
12:26 PM – 12:31 PM	Presentation of Guest of Honor Leon W. Herndon Jr., MD	Grand Ballroom
12:31 PM – 1:11 PM	AGS Lecture	Grand Ballroom
	12:31 PM – 12:36 PM Introduction of AGS Lecture	Leon W. Herndon Jr., MD
	12:36 PM – 1:01 PM The Worried Well	James D. Brandt, MD
	1:01 PM – 1:11 PM Q&A	
1:11 PM – 2:41 PM	<i>Lunch – On Your Own</i>	
1:11 PM – 2:41 PM	Diamond Theater: Allergan (lunch event)	Huntington Ballroom
2:41 PM – 4:11 PM	Symposium 2: Dipping Your Toes From a Distance – Telehealth in Glaucoma  Moderators: Kouros Nouri-Mahdavi, MD, MSC & Joel S. Schuman, MD	Grand Ballroom
	2:41 PM – 2:52 PM A Seagull's Eye View of Telehealth in Ophthalmology	Yao Liu, MD, MS
	2:52 PM – 3:03 PM Mercury Rising Under the Hot Sun: All You Need to Know on Patient-Assisted IOP!	Thomas V. Johnson III, MD, PhD
	3:03 PM – 3:14 PM Scan Me, Scan Me Not: How Best to Use OCT for Glaucoma Screening or Establishing a Diagnosis?	Sanjay G. Asrani, MD
	3:14 PM – 3:25 PM Eyes Under Water: Is Home Perimetry Ready for Prime Time?	Yvonne Ou, MD
	3:25 PM – 3:36 PM Riding the Smartphone Wave for Enhancing Patient Care in Glaucoma	Annette L. Giangiacomo, MD
	3:36 PM – 3:47 PM Managing Glaucoma From Your Beach Shack: Practical Recommendations on Telehealth Implementation	April Y. Maa, MD
	3:47 PM – 4:11 PM Panel Discussion	

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
4:11 PM – 4:14 PM	<i>Transition</i>	
4:14 PM – 4:27 PM	AGS CSI² – Speaking a Patient’s Language David A. Sola Del Valle, MD	Grand Ballroom
4:30 PM – 7:00 PM	Diamond Theater: Glaucoma Innovation Summit & Reception	Huntington Ballroom
4:30 PM – 7:00 PM	Industry Forum	

SATURDAY, MARCH 2

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
6:30 AM – 7:30 AM	AGS Fun Run/Walk	Lighthouse Courtyard
7:00 AM – 5:00 PM	Registration	Grand Ballroom Foyer
7:00 AM – 8:30 AM	<i>Breakfast – Exhibit Hall</i>	Mariners Ballroom
7:30 AM – 8:30 AM	Diamond Theater: WinG Breakfast (sponsored by Glaukos)	Huntington Ballroom
7:30 AM – 8:30 AM	Top Posters Presentation Session 3	Grand Foyer South
7:00 AM – 2:00 PM	<i>Exhibit Hall Viewing</i>	Mariners Ballroom
8:30 AM – 10:30 AM	Spouse/Guest Hospitality Room	The Cove
8:30 AM – 8:31 AM	Announcements	Grand Ballroom
8:31 AM – 9:31 AM	Top 5 Plenary Paper Presentations  Moderators: Jeffrey L. Goldberg, MD, PhD & Anne L. Coleman, MD, PhD	Grand Ballroom
8:31 AM – 8:38 AM	Evaluating Primary Treatment for People Presenting With Advanced Glaucoma: Five-Year Results of the Treatment of Advanced Glaucoma Study	Anthony King, MD, MMedSci
8:38 AM – 8:43 AM	Discussion	
8:43 AM – 8:50 AM	Genetic Risk for Open-Angle Glaucoma Subtypes Is Associated With Specific Visual Field Defect Classes	Sayuri Sekimitsu, BS
8:50 AM – 8:55 AM	Discussion	
8:55 AM – 9:02 AM	The Impact of Social Vulnerability on Structural and Functional Glaucoma Severity, Worsening, and Variability	Louay Almidani, MD, MSc
9:02 AM – 9:07 AM	Discussion	
9:07 AM – 9:14 AM	Improving the Detection of Visual Field Worsening by Using OCT Guidance	Jithin Yohannan, MD, MPH
9:14 AM – 9:19 AM	Discussion	
9:19 AM – 9:26 AM	Artificial Intelligence Characterization of Spatial Patterns of Macula and Their Association With Central Visual Field Progression in Glaucoma	Golnoush Mahmoudinezhad, MD, MPH
9:26 AM – 9:31 AM	Discussion	
9:31 AM – 9:34 AM	<i>Transition</i>	
9:34 AM – 9:39 AM	Presentation of President’s Award Leon W. Herndon Jr., MD	Grand Ballroom
9:39 AM – 10:19 AM	DC Update Moderators: Leon W. Herndon Jr., MD & Carla J. Siegfried, MD	Grand Ballroom
9:39 AM – 9:44 AM	Introduction	

TIME	EVENT TITLE / MODERATOR		LOCATION / SPEAKER(S)
	9:44 AM – 9:50 AM	What Is Happening on the Hill?	Rebecca J. Hyder
	9:50 AM – 9:56 AM	What Can We Do About Future Glaucoma Man(Woman) Power Shortages?	Jane C. Edmond, MD
	9:56 AM – 10:02 AM	Medicare Battles on Behalf of Our Patients	Geoffrey T. Emerick MD
	10:02 AM – 10:19 AM	Panel Discussion and Q&A	
10:19 AM – 10:49 AM	<i>Break – Exhibit Hall</i>		
10:49 AM – 12:19 PM	Symposium 3: AI in Glaucoma – What's Real, What's Possible, and What's Science Fiction 		Grand Ballroom
	Moderators: Thasarat S. Vajaranant, MD, MHA & Malik Y. Kahook, MD		
	10:49 AM – 10:59 AM	Glaucoma and AI: The World of Tomorrow, Today	Felipe A. Medeiros, MD, PhD
	10:59 AM – 11:09 AM	Oh, the Places You'll Go (with AI)!	Nazlee Zebardast, MD, MSC
	11:09 AM – 11:19 AM	AI Implementation: More Than Meets the Eye	Benjamin Xu, MD, PhD
	11:19 AM – 11:29 AM	Glaucoma Research: The Next Generation	Siamak Yousefi, PhD
	11:29 AM – 11:39 AM	Should We Fear or Embrace Our Future Machine Overlords?	Robert Chang, MD
	11:39 AM – 11:49 AM	AI Ethics: Do Androids Dream of Electric Eyeballs?	Michael V. Boland, MD, PhD
	11:49 AM – 12:19 PM	Panel Discussion	
12:19 PM – 12:32 PM	AGS CSI² – Dumpsters, Black Rocks, Bathroom Injections; the IVF Journey of an Ophthalmologist		Grand Ballroom
	Noureen Khan, MD		
12:32 PM – 2:02 PM	<i>Lunch Break</i>		
12:32 PM – 2:02 PM	Diamond Theater: ZEISS Lunch Event		Huntington Ballroom
12:32 PM – 2:02 PM	YOGS Roundtable Lunch (by invitation only)		Fountain East and West
2:00 PM – 6:00 PM	Exhibitor Teardown		
2:02 PM – 3:02 PM	Paper Presentations: Diagnostics & Other		Grand Ballroom
	Moderators: Sasan Moghimi, MD & Lucy Q. Shen, MD		
	2:02 PM – 2:09 PM	Short-Term Detection of Fast Progressors in Glaucoma: The Fast-PACE (Progression Assessment Through Clustered Evaluation) Study	Felipe Medeiros, MD, PhD
	2:09 PM – 2:14 PM	Discussion	
	2:14 PM – 2:21 PM	Geometric Considerations in the Correction of the Myopia Bias in OCT Nerve Fiber Layer Measurements	David Huang, MD, PhD
	2:21 PM – 2:26 PM	Discussion	
	2:26 PM – 2:33 PM	Visual Field Outcomes in the Primary Tube Versus Trabeculectomy Study	Alessandro A. Jammal, MD, PhD
	2:33 PM – 2:38 PM	Discussion	
	2:38 PM – 2:45 PM	Cost Savings Associated With Reusable Tonometry Prisms and Gonioscopy Lenses	Aakriti (Aaki) Garg Shukla, MD
	2:45 PM – 2:50 PM	Discussion	
	2:50 PM – 2:57 PM	Understanding the Healthcare Experience for Spanish-Speaking Patients With Non-English Language Preference in Ophthalmology	Tochukwu Ndukwe, BS, MD
	2:57 PM – 3:02 PM	Discussion	

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
2:49 PM – 2:52 PM	Alan Crandall, MD, International Humanitarian Award Recipient Leon W. Herndon Jr., MD	Grand Ballroom
2:52 PM – 3:05 PM	AGS CSP ² – Serendipity Joel S. Schuman, MD	Grand Ballroom
3:05 PM – 3:20 PM	Presentation of International Scholar, Outstanding Educator, and Humanitarian Awards Leon W. Herndon Jr., MD	Grand Ballroom
3:20 PM – 4:00 PM	Clinician-Scientist Lecture	Grand Ballroom
	3:20 PM – 3:25 PM Introduction of Clinician-Scientist Lecture	Michele C. Lim, MD
	3:25 PM – 3:50 PM Glaucoma: Repetitive Strain Injury of the Eye	Arthur J. Sit, SM, MD
	3:50 PM – 4:00 PM Q&A	
4:00 PM – 4:10 PM	Break	
4:10 PM – 5:10 PM	Symposium 4: A Life Preserver for Challenging Patients That May Leave You Stranded at Sea . . . 	Grand Ballroom
	Moderators: Rachel W. Kuchtey, MD, PhD & Carla J. Siegfried, MD	
	4:10 PM – 4:12 PM Introduction to Symposium and Case Presentation	
	4:12 PM – 4:20 PM Danger in Shallow Water! Dealing With Complications After MIGS	Swarup S. Swaminathan, MD
	4:20 PM – 4:25 PM Panel Discussion	
	4:25 PM – 4:27 PM Case Presentation	
	4:27 PM – 4:35 PM Sandbagged by the Patient's Caregiver: Who's the Patient Here?	David Fleischman, MD, MS
	4:35 PM – 4:40 PM Panel Discussion	
	4:40 PM – 4:42 PM Case Presentation	
	4:42 PM – 4:50 PM Shark Attack! My Patient Is a Malpractice Attorney . . .	Lisa Fran Rosenberg, MD
	4:50 PM – 4:55 PM Panel Discussion	
	4:55 PM – 4:57 PM Case Presentation	
	4:57 PM – 5:05 PM Hang 10: Riding the Waves With Your Patient and Fishing for the Right Approach	Gayle C. Howard, MD, PhD
	5:05 PM – 5:10 PM Panel Discussion	
7:00 PM – 9:30 PM	AGS Disco Party & Closing Reception	Lighthouse Courtyard

SUNDAY, MARCH 3

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
7:00 AM – 9:00 AM	Registration	
7:00 AM – 9:00 AM	Breakfast	Huntington Ballroom
7:30 AM – 8:30 AM	Breakfast Roundtable Discussions (AGS Members only)	Huntington Ballroom
	Moderators:	
	Managing Your Medicolegal Liability	Andrew George Iwach, MD Terri Pickering, MD
	Avoiding Burnout and “Quiet Quitting”	Jullia Rosdahl, MD, PhD Amy Duoxi Zhang, MD

TIME	EVENT TITLE / MODERATOR	LOCATION / SPEAKER(S)
	Diagnostics and Progression	Luis E. Vazquez, MD, PhD Teresa C. Chen, MD
	How Private Equity Changed My Practice	Edward Yung, MD Christine L. Larsen, MD
	Coping With Bad Patient Outcomes	Ying Han, MD, PhD Paul F. Palmberg, MD, PhD
	Getting Started With Global Ophthalmology	Richard K Lee, MD, PhD Mildred MG Olivier, MD)
	How Do I Manage Angle Closure Patients in the Post-Zap Study and Post-EAGLE Study World?	Carina Sanvicente, MD Sunita Radhakrishnan, MD
	How to Learn New Surgical Techniques After Residency	Kateki Vinod, MD Victoria Li-Ting Tseng, MD, PhD
	Women in Glaucoma	Anne L. Coleman, MD, PhD Lama A. Al-Aswad, MD, MPH
	Totally Tubular – How to Think About and Manage Glaucoma Drainage Devices	Peter T. Chang, MD Roma P. Patel, MD
	Partnering With Industry	Shivani S. Kamat, MD Robert J. Noecker, MD)
	Diversity, Equity, and Inclusion	Ann Caroline Fisher, MD Ayan Chatterjee, MD Jonathan S. Hernandez, MD
8:30 AM – 10:30 AM	Workshops (AGS Members only)	
8:30 AM – 10:30 AM	Coding Workshop Moderator: Joy Woodke, COE	Huntington Ballroom Alena Klimava Reznik, MD Ronald Fellman, MD

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3

SYMPOSIA



AMERICAN
GLAUCOMA
SOCIETY

Symposia

Chairs

Michele C. Lim, MD &
Kouros Nouri-Mahdavi, MD, MSC

Wednesday, February 28

Through the Patient's Eyes: Patient Engagement Event

Moderators

Jullia Rosdahl, MD, PhD &
Amy Duoxi Zhang, MD

A One-on-One Discussion: Glaucoma Doctor and Patient With Audience Participation

Leon W. Herndon Jr., MD &
Ms. Laura Savini

Glaucoma Surgery Day

Thursday, February 29

Co-chairs

Leo K. Seibold, MD &
Qi N. Cui, MD, PhD

Surgery Day Section I: SOS: Surgery on the Skids – What's My Next Move?

Moderators

Vikas Chopra, MD &
George H. Tanaka, MD

Case/Video #1: Phaco-MIGS Case With PC Tear

Sameh Mosaed, MD

Case/Video #2: Excessive Bleeding During MIGS

Arsham Sheybani, MD

Case/Video #3: Scleral Flap Problem – Can't Control Flow (Torn Flap, Thin Flap, Etc.)

Marlene R. Moster, MD

Case/Video #4: Accidentally Cut Tube During Insertion

Cara E. Capitena Young, MD

Case/Video #5: Can't Close Conjunctiva During Trab/Tube Revision

Shane J. Havens, MD

Surgery Day Section 2: Paper Presentations

Moderators

*Leo K. Seibold, MD &
Qi N. Cui, MD, PhD*

The Duke Baerveldt Versus Ahmed Clearpath Study (DBACS): A Randomized Control Trial Comparing Baerveldt 350 and Clearpath 350 Glaucoma Drainage Devices

Andrew Gross, MD

Multicenter Canaloplasty Data Registry – Outcomes of Ab-Interno Canaloplasty Across Different Glaucoma Types and Severity

Keith Barton, MD, FRCP, FRCS

Outcomes of Full 360-Degree Versus 180-Degree Trabeculotomy Without Phacoemulsification: An International Multicenter Study

Ahmed Abdelaal, MD

Influence of Baseline Intraocular Pressure or Medication on Two-Year Outcomes of a Supraciliary Drainage Device in the STAR-I, II, III Trials

Poonam Misra, MD

A Comparative Study of Two Types of Non-Valved Glaucoma Drainage Devices

Michael Pro, MD

Surgical Video Competition Finalists & Award Presentation

Moderator

Christopher Teng, MD

Phaco/GATT With Cyclodialysis Cleft Formation and Repair

Brian Krawitz, MD

Amniotic Membrane Graft for an Overfiltering Scleral Flap

Wendy Liu, MD, PhD

Three Techniques for Guidewire-Assisted Sulcus Tube Entry

Mary Qiu, MD

Same-Quadrant Tube Exchange With Five-Layer Closure for Recurrent Tube Erosion

Mary Qiu, MD

DIY for Glaucoma Procedures – Practice Makes a Doctor Perfect

Swati Upadhyaya, DNB, DOMS

Surgery Day Section 3: AGS/EGS Joint Symposium – MIGS Perspectives From Across the Pond

Moderators

Thomas W. Samuelson, MD &
Ananth Viswanathan, MD

MIGS: Where Is the Evidence?

Fotis Topouzis, MD (EGS)

MIGS: The Evidence Is Here, the Time Is Now

Iqbal Ike K. Ahmed, MD

Scenario #1:

**Keep It Simple or Go for Tandem?
Mild Glaucoma in a Patient
With Cataracts**

Option #1: Cataract Surgery Alone

Marta Pazos, MD (EGS)

Option #2: A Case for MIGS + Cataracts

Lauren Sasha Blieden, MD

Scenario #2

Option #1: Xen

Joseph F. Panarelli, MD

Option #2: Preserflo

Ingeborg Stalmans (EGS)

Scenario #3:

**A Tidal Wave Is Rolling In:
What to Do for Advanced Glaucoma?**

Option #1: MIGS in Advanced Disease

Erin G. Sieck, MD

Option #2: A Case for Traditional Surgery

Keith Barton, MD, FRCP, FRCS

Surgery Day Section 4: Avoiding Another Wipeout – Be Tenacious or Opt for a Step Up?

Moderators

Joanne C. H. Wen, MD &
Brian A. Francis, MD

Summary:

The optimal surgical strategy following failed prior glaucoma surgery remains a challenge. The benefits and risks of the next surgical intervention are carefully weighed and vary based on the previously failed surgery. This symposium will cover the evidence supporting various surgical strategies after previously failed glaucoma surgery across a range of prior glaucoma surgeries from a single failed minimally invasive glaucoma surgery to multiple failed traditional surgeries.

Scenario #1: Failed MIGS Stent

Option #1: More MIGS! (Including Xen)

Manjool M. Shah, MD

Option #2: Trab/Tube

Eydie G. Miller-Ellis, MD

Scenario #2: Failed Xen

Option #1: Revision or Second Xen

Oluwatosin U. Smith, MD

Option #2: Trab/Tube Shunt

Ahmad A. Aref, MD

Scenario #3:

Failed Tube Shunt

Option #1: Second Tube Shunt

Craig J. Chaya, MD

Option #2: CPC

Robert M. Feldman, MD

Scenario #4:

Failed CPC and Everything Else!

Option #1: More Surgery

Ian Patrick Conner, MD, PhD

Option #2: Nonsurgical Therapy

Sarwat Salim, MD

**Surgery Day Section 5:
AGS/ASCRS Symposium –
California Dreamin' Vision:
Balancing Refractive and IOP
Targets for Glaucoma Patients****Moderators**

Jella Angela An, BSC, FRCSC, MD &
Davinder S. Grover, MD, MPH (ASCRS)

Summary:

The symposium aims to provide valuable insights into the complex interplay of achieving refractive targets while effectively managing glaucoma. Attendees will gain a deeper understanding of how to navigate the challenges posed by advanced intraocular lens technologies and refractive procedures in patients with glaucoma across the entire spectrum of the disease, from those in the early stages to advanced cases. Attendees will gain confidence in achieving the best possible visual outcomes for their patients without compromising their quality of vision or jeopardizing appropriate glaucoma management.

**IOL Calculation and Astigmatism
Management in the Setting of
Traditional Glaucoma Surgery**

Aakriti Garg Shukla, MD

**Multifocal/EDOF/LAL IOLs in
Glaucoma Patients and Suspects**

Paul Harasymowycz, MD, FRCSC

**Use of Wavefront Analysis and
Optimizing Refractive Outcomes
in Phaco/MIGS**

Sahar Bedrood, MD, PhD

**Laser Refractive Surgery in
High-Risk Glaucoma Suspects**

Michael D. Greenwood, MD

Friday, March 1**Paper Presentations:
Medications & Epidemiology****Moderators**

Steven L. Mansberger, MD, MPH &
Eydie G Miller Ellis, MD

**Randomized Controlled
Noninferiority Trial Evaluating the
Safety and Efficacy of Microdrops
Administered With the Nanodropper
Adaptor in Glaucoma Patients**

Annamalai Odayappan, DO, NB

**Bimatoprost Induction of
Lymphangiogenesis as a
Potential Mechanism of
Sustained Intraocular
Pressure Reduction**

Archana Bhagyalakshmi Murali, BS

**Eye Drop Instillation Performance
and Hand Function in
Glaucoma Patients**

Madeline Kate Weber

**Relationship Between
Chronic Stress Quantified by
Allostatic Load and Glaucoma
in the All of Us Research Program**

Kristy Yoo, BA

**Unilateral, Bilateral, and Sequential
Blindness in Glaucoma Patients in
the Academy IRIS® (Intelligent
Research In Sight) Registry**

Natasha Nayak Kolomeyer, MD

Symposium I: Where the Surf Meets the Turf: Glaucoma and the Ocular Surface

Moderators

*Michele C. Lim, MD &
JoAnn A. Giaconi, MD*

Let's Tear Into the Details of Ocular Tear Film Basics and Diagnosis of Ocular Surface Disease

JoAnn A. Giaconi, MD

The Perfect Storm: How Glaucoma Medications Affect the Ocular Surface

Miriam Kolko, MD, PhD

Reserve Your Preservatives: BAK, the Ocular Surface, and Preservative Alternatives

Osamah Jawaid Saeedi, MD

Step Into Liquid: What's New in the Treatment of Dry Eye Disease?

Saba K. Al-Hashimi, MD

So. Cal. Sunset or Sandy Eyes: How Do I Strategize My Glaucoma Treatment in the Setting of Ocular Surface Disease?

Sarah R. Wellik, MD

Paper Presentations: AI & Diagnostics

Moderators

*Linda Zangwill, PhD &
Ken Lin, MD, PhD*

Prediction of Functional Glaucoma Progression Combining Baseline Clinical and Structural Data With a Deep Learning Model

Vahid Mohammadzadeh, MD

Gap Analysis of Glaucoma Examination Concept Representations Within Standard SNOMED Clinical Terms

Shahin Hallaj, MD

Estimating Individualized Baseline for Retinal Nerve Fiber Layer Thickness Using Deep Learning

Ou Tan, PhD

The Role of Race, Ethnicity, and Gender in Fairness for Artificial Intelligence Models for Glaucoma

Sophia Wang, MD, MS

In Vivo Calcium Imaging of Retinal Ganglion Cell Function With Brimonidine Treatment

Yang Sun

Introduction to Creatively Sharing Ideas & Inspirations (CSI²)

Husam Ansari, MD

AGS CSI² – Unveiling the Science of Career Happiness

Ruth D. Williams, MD

Symposium 2: Dipping Your Toes From a Distance – Telehealth in Glaucoma

Moderators

*Kouros Nouri-Mahdavi, MD, MSC &
Joel S. Schuman, MD*

Summary

The symposium reviews various tools available for implementing telehealth in the practice of glaucoma. A summary of the current state of telehealth in the field of glaucoma is provided. It is followed by a review of devices used for home tonometry and home perimetry, and a discussion of the utility of OCT imaging for glaucoma screening and diagnosis. Current smart phones apps tailored towards glaucoma patients will be discussed. Practical recommendations will then be provided for implementing a telehealth system for diagnostic and management purposes in the care of glaucoma patients and the challenges will be reviewed.

A Seagull's Eye View of Telehealth in Ophthalmology

Yao Liu, MD, MS

Mercury Rising Under the Hot Sun: All You Need to Know on Patient-Assisted IOP!

Thomas V. Johnson III, MD, PhD

Scan Me, Scan Me Not: How Best to Use OCT for Glaucoma Screening or Establishing a Diagnosis?

Sanjay G. Asrani, MD

Eyes Under Water: Is Home Perimetry Ready for Prime Time?

Yvonne Ou, MD

Riding the Smartphone Wave for Enhancing Patient Care in Glaucoma

Annette L. Giangiacomo, MD

Managing Glaucoma From Your Beach Shack: Practical Recommendations on Telehealth Implementation

April Y. Maa, MD

AGS CSI² – Speaking a Patient's Language

David A. Sola Del Valle, MD

Saturday, March 2

TOP 5 Plenary Paper Presentations

Moderators

*Jeffrey L. Goldberg, MD, PhD &
Anne L. Coleman, MD, PhD*

Evaluating Primary Treatment for People Presenting With Advanced Glaucoma: Five-Year Results of the Treatment of Advanced Glaucoma Study

Anthony King, MD, MMedSci

Genetic Risk for Open-Angle Glaucoma Subtypes Is Associated With Specific Visual Field Defect Classes

Sayuri Sekimitsu, BS

The Impact of Social Vulnerability on Structural and Functional Glaucoma Severity, Worsening, and Variability

Louay Almidani, MD, MSc

Improving the Detection of Visual Field Worsening by Using OCT Guidance

Jithin Yohannan, MD, MPH

Artificial Intelligence Characterization of Spatial Patterns of Macula and Their Association With Central Visual Field Progression in Glaucoma

Golnoush Mahmoudinezhad, MD, MPH

DC Update

Moderators

*Leon W. Herndon Jr., MD &
Carla J. Siegfried, MD*

What Is Happening on the Hill?

Rebecca J. Hyder

What Can We Do About Future Glaucoma Man (Woman) Power Shortages?

Jane C. Edmond, MD

Medicare Battles on Behalf of Our Patients

Geoffrey T. Emerick, MD

Symposium 3: AI in Glaucoma – What's Real, What's Possible, and What's Science Fiction

Moderators

*Thasarat S. Vajaranant, MD, MHA &
Malik Y. Kahook, MD*

Glaucoma and AI: The World of Tomorrow, Today

Felipe A. Medeiros, MD, PhD

Oh, the Places You'll Go (with AI)!

Nazlee Zebardast, MD, MSC

AI Implementation: More Than Meets the Eye

Benjamin Xu, MD, PhD

Glaucoma Research: The Next Generation

Siamak Yousefi, PhD

Should We Fear or Embrace Our Future Machine Overlords?

Robert Chang, MD

AI Ethics: Do Androids Dream of Electric Eyeballs?

Michael V. Boland, MD, PhD

Dumpsters, Black Rocks, Bathroom Injections; the IVF Journey of an Ophthalmologist

Noureen Khan, MD

Paper Presentations: Diagnostics & Other

Moderators

Sasan Moghimi, MD &
Lucy Q. Shen, MD

Short-Term Detection of Fast Progressors in Glaucoma: The Fast-PACE (Progression Assessment Through Clustered Evaluation) Study

Felipe Medeiros, MD, PhD

Geometric Considerations in the Correction of the Myopia Bias in OCT Nerve Fiber Layer Measurements

David Huang, MD, PhD

Visual Field Outcomes in the Primary Tube Versus Trabeculectomy Study

Alessandro A. Jammal, MD, PhD

Cost Savings Associated With Reusable Tonometry Prisms and Gonioscopy Lenses

Aakriti (Aaki) Garg Shukla, MD

Understanding the Healthcare Experience for Spanish-Speaking Patients With Non-English Language Preference in Ophthalmology

Tochukwu Ndukwe, BS, MD

Symposium 4: A Life Preserver for Challenging Patients That May Leave You Stranded at Sea . . .

Moderators

Rachel W. Kuchtey, MD, PhD &
Carla J. Siegfried, MD

Summary

In this symposium, four experienced glaucoma specialists will dive deeply into the sea of real-world difficult situations. During this journey, from the shallow water to deep ocean trenches, the audience will experience the pain but emerge triumphantly together.

Danger in Shallow Water! Dealing With Complications After MIGS

Swarup S. Swaminathan, MD

Sandbagged by the Patient's Caregiver: Who's the Patient Here?

David Fleischman, MD, MS

Shark Attack! My Patient Is a Malpractice Attorney . . .

Lisa Fran Rosenberg, MD

Hang 10: Riding the Waves With Your Patient and Fishing for the Right Approach

Gayle C. Howard, MD, PhD

AGS CSI² – Serendipity

Joel S. Schuman, MD

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3

BREAKFAST ROUNDTABLE DISCUSSIONS



AMERICAN
GLAUCOMA
SOCIETY

Breakfast Roundtable Discussions

(AGS Members Only)

Sunday, March 3

Managing Your Medicolegal Liability

Andrew George Iwach, MD &
Terri Pickering, MD

How Do I Manage Angle Closure Patients in the Post-Zap Study and Post-EAGLE Study World?

Carina Sanvicente, MD &
Sunita Radhakrishnan, MD

Avoiding Burnout and Quiet Quitting

Jullia Rosdahl, MD, PhD &
Amy Duoxi Zhang, MD

How to Learn New Surgical Techniques After Residency

Kateki Vinod, MD &
Victoria Li-Ting Tseng, MD, PhD

Diagnostics and Progression

Luis E. Vazquez, MD, PhD &
Teresa C. Chen, MD

Women in Glaucoma

Anne L. Coleman, MD, PhD &
Lama A. Al-Aswad, MD, MPH

How Private Equity Changed My Practice

Edward Yung, MD &
Christine L. Larsen, MD

Totally Tubular – How to Think About and Manage Glaucoma Drainage Devices

Peter T. Chang, MD &
Roma P. Patel, MD

Coping With Bad Patient Outcomes

Ying Han, MD, PhD &
Paul F. Palmberg, MD, PhD

Partnering With Industry

Shivani S. Kamat, MD &
Robert J. Noecker, MD

Getting Started With Global Ophthalmology

Richard K Lee, MD, PhD &
Mildred MG Olivier, MD

Diversity, Equity, and Inclusion

Ann Caroline Fisher, MD &
Ayan Chatterjee, MD

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3

WORKSHOPS



AMERICAN
GLAUCOMA
SOCIETY

Workshops

(AGS Members Only)

Sunday, March 3

Coding Workshop

Moderators

Joy Woodke, COE

Ronald L. Fellman, MD

Alena Klimava Reznik, MD

ANNUAL MEETING

AGS 2024

HUNTINGTON BEACH // FEBRUARY 29-MARCH 3

POSTER SCHEDULE



AMERICAN
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AGS 2024 Poster Schedule

All posters are available to view on the Virtual Meeting Platform and app throughout the meeting. In-person Top Poster presentation sessions will be held in the Exhibit Hall from 7:30 AM to 8:30 AM on Thursday, Friday, and Saturday.

Top Posters

THURSDAY, FEBRUARY 29

Pot pourri

Poster Number	Title	Name
1	Gap Analysis of Glaucoma Examination Concept Representations within Standard Snomed Clinical Terms	Shahin Hallaj, MD
2	Comparison of Traditional and Newer Glaucoma Procedures Based on Physician Practice Duration and Rural/Urban Practice Setting	Grace Xiao, MD
3	Industry Payments Received by Academic Glaucoma Specialists	Esha Shah

Epidemiology

Poster Number	Title	Name
4	The Association between Blood Pressure and Glaucomatous Progression	Vincent Pham, BS
5	The Association between Alcohol Use and Glaucoma using the National Institutes of Health All of Us Research Program: A Case-Control Study	Leo Meller, BS
6	Association of Primary Open-Angle Glaucoma with Diabetic Retinopathy Among Patients with Type 1 and Type 2 Diabetes: A Large Global Database Study	Abdelrahman Elhusseiny, MD, MSc
7	Association between Long-Term Systemic Use of Calcium Channel Blockers and Primary Open Angle Glaucoma in the All of Us Research Program	Kiana Tavakoli, MD
8	Impact of Smoking on the Development of Glaucoma in Los Angeles Safety-Net Patients with Diabetic Retinopathy	Ryan Shean, BA

DEI

Poster Number	Title	Name
9	Sociodemographic Disparities in Initial Glaucoma Disease Severity: A Nationwide Ehr Cohort Analysis	Swarup Swaminathan, MD
10	Racial/Ethnic Disparities in Ophthalmology Research: A Systematic Review of Randomized Clinical Trials between 2010-2022	Alison Zhao, BA
11	Practice Patterns and Sociodemographic Disparities in the Care of Anatomical Narrow Angles in the United States	Alanna James, BS, MD
12	Equitable Artificial Intelligence for Glaucoma Screening with Fair Identity Normalization	Mengyu Wang, PhD

Filtering

Poster Number	Title	Name
13	One-Year Clinical Outcomes of Preserflo Microshunt Compared to Non-Penetrating Glaucoma Surgery	Maria Camila Aguilar, MD
14	Xen Gel Stent Outcomes in Open Angle Glaucoma Patients: Comparison of Open vs. Closed Conjunctiva at 12 Months	Justin Shanklin, BA
15	Trabeculectomy with Mitomycin-C vs. Glaucoma Drainage Implant for the Surgical Treatment of Glaucoma Associated with Iridocorneal Endothelial Syndrome	Christian Nieves, MD
16	Outcomes and Complications of Cataract Surgery During the Same Setting vs. After Prior Trabeculectomy: A Multicenter Database Study	Joseph Toma, MD
17	Outcomes of Second Trabeculectomy vs. Glaucoma Drainage Device Implantation in Juvenile Open-Angle Glaucoma After Primary Trabeculectomy Failure	Kasem Seresirikachorn, MD

FRIDAY, MARCH 1**Diagnostics/AI**

Poster Number	Title	Name
18	High Variability of Visual Field Measurements Below 20 Db Makes them Unreliable for Detection of Progression	Sajad Besharati, MD
19	Dual-Level Pattern Tree for Visual Field Characterization in Glaucoma	Luo Song, MS
20	Time to Identify Glaucoma Progression Given Current Visual Field Testing Frequencies in a US Nationwide insured Population	Brian Stagg, MD, MS
21	Detecting Glaucomatous Visual Field Loss on Standard Automated Perimetry Tests with a Hybrid Convolutional Neural Network and Parameter-Encoded Color Images	Rafael Scherer, MD, PhD

Epi/Health Policy

Poster Number	Title	Name
22	Association between Minimally Invasive Glaucoma Surgery (MIGS) Device Manufacturer Payments to Surgeons and MIGS Utilization in the United States, 2016-2021	Patrick Demkowicz, BS
23	Coaching for Improved Medication Adherence: Analysis of Patient Experiences in the Support, Educate, and Empower Personalized Glaucoma Coaching Program	Noah Carey, BS
24	Understanding Data Burden and the Need for Clinical Decision Support in Caring for Glaucoma Patients	Ashley Polski, MD
25	Enhancing Early Glaucoma Detection through Family Screening to Reduce Glaucoma Related Blindness	Swati Upadhyaya, DNB, DOMS
26	Longitudinal Assessment of the Utility and Effectiveness of Glaucoma Screening in a Young Multiracial Patient Population	Tannerv Frediani, BS

MIGS I

Poster Number	Title	Name
27	12-Month Outcomes of Canaloplasty Combined with Phacoemulsification in Hispanic Adults with Open-Angle Glaucoma in a Multicenter Study	Clarisa del Hierro, MD
28	Canaloplasty Performed with the Itrack Microcatheter to Reduce IOP in Uncontrolled Glaucoma Eyes	Paul Harasymowycz, MD, FRCS
29	Standalone Canaloplasty and Trabeculotomy in Pseudophakic Eyes with Primary Open-Angle Glaucoma: Prospective, Multicenter, 24-Month Outcomes	Brian Flowers, MD
30	Performing Ab-interno Canaloplasty in PACG Eyes Across Different Stages of Glaucoma Severity	Jessica Hsueh, MD
31	Standalone Ab-interno Canaloplasty in Severe Uncontrolled Glaucoma Eyes: A Case Series: 36 Months Results	Mark Gallardo, MD

Surgery

Poster Number	Title	Name
32	Hypotony Failure Criteria in Glaucoma Surgical Studies and Their Influence on Surgery Success	Alessandro Rabiolo, MD
33	Incidence of Clinical Cystoid Macular Edema After Goniotomy with or without Combined Phacoemulsification: A Retrospective Analysis	Kyle Cotten, DO
34	The Effect of Pars Plana Vitrectomy on Ocular Biomechanics and Aqueous Humor Dynamics	Taylor Nayman, MD, CM
35	Canaloplasty Effectiveness Correlated with Viscoelastic Volume Delivered in Schlemm's Canal	Shamil Patel, MD, MBA

SATURDAY, MARCH 2**Tubes**

Poster Number	Title	Name
36	Reversal of Corneal Edema Following Glaucoma Drainage Device Repositioning without Corneal Transplantation	Jay Rathinavelu, BSE
37	Baerveldt-350 with Adjunctive Goniotomy: 1-Year Outcomes	Jacob Kanter, MD
38	Surgical Outcomes of Baerveldt Glaucoma Drainage Device (Bgd) vs. Trabeculectomy with Mitomycin C (Trab/Mmc) After Failed Xen Gel Stent in Eyes with Open Angle Glaucoma	Lopa Shah, BS
39	Proof of Principle Laser Titration of a Glaucoma Drainage Device	Rohit Varma, MD
40	Location of Glaucoma Drainage Device Erosion and Relationship to Success of Repair	Michele Lim, MD

MIGS 2

Poster Number	Title	Name
41	intraocular Pressure Spikes After Gonioscopy-assisted Transluminal Trabeculotomy (Gatt)	Avner Belkin, MD
42	A Retrospective, Coarsened-Exact Matched Study Comparing Hydrus with Phacoemulsification vs. Trabeculectomy with Phacoemulsification	Annabelle Pan, BA
43	Three-Year Safety and Efficacy Results of a Supraciliary Drainage Device in Open Angle Glaucoma Patients (Star-Global)	Marc Toeteberg-Harms, MD, FEBO
44	Meta-Analysis of Suprachoroidal vs. Trabecular bypass Surgery as Standalone Treatment in Glaucoma with 24 Months of Follow-Up	Syril Dorairaj, MD
45	Five-Year Safety and Efficacy Results of a Supraciliary Drainage Device in Open Angle Glaucoma Patients (Star-Global)	Kaweh Mansouri, MD, MPH

Therapeutics

Poster Number	Title	Name
46	Long-Term Efficacy and Safety of Selective Laser Trabeculoplasty in Eyes with Prior Laser Peripheral Iridotomy	Lorenzo Bosque, MPH, MS
47	Assessing the Efficacy of Laser Trabeculoplasty on Trabecular Stents in Glaucoma	Jason Dossantos, BS
48	Standalone Procedure for Administration of Travoprost Intraocular Implant is Safe and Effective in Phakic Eyes	Steven Sarkisian, MD
49	IOP-independent Neuroprotection by Topical Ripasudil Treatment in Two Glaucoma Models	Ian Pitha, MD, PhD
50	Retrospective Comparison of Short-Term and Long-Term IOP Fluctuation in Early Primary Open Angle Glaucoma Patients	Catherine Johnson, MD, MPH

Diagnostics/AI

Poster Number	Title	Name
51	The Association between Ethnicity and Race on Longitudinal Optical Coherence Tomography and Standard Automated Perimetry Variability in Glaucoma	Luiz Beniz, MD
52	Visual Field Progression Rate and Laminar Depth in the African Descent and Glaucoma Evaluation Study (Adages)	Karla Murillo, BS, BA
53	Retinal Nerve Fiber Layer Optical Texture Analysis Guides 10-2 Visual Field Assessment in Glaucoma	Alireza Kamalipour MD, MPH
54	Practice Patterns on Use of Disposable vs. Reusable Tonometry Tips and Ophthalmic Lenses: A Survey of American Glaucoma Society Members	Wesam Shamseldin Shalaby, MD

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AGS 2024

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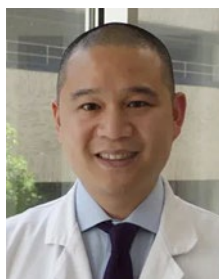
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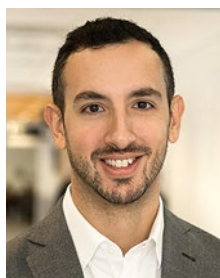
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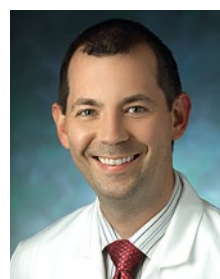
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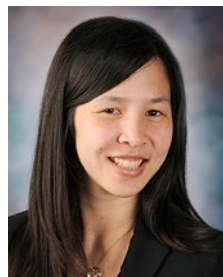
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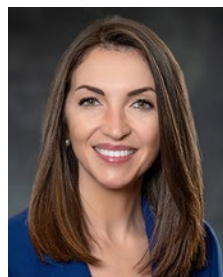
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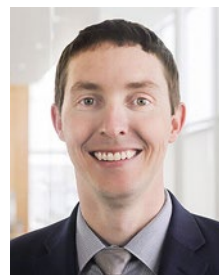
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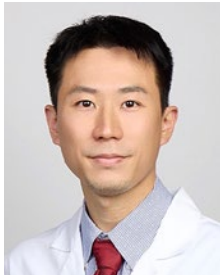
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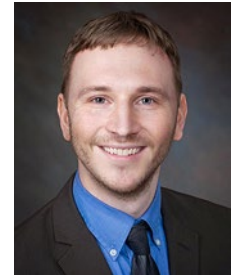
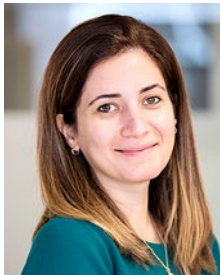
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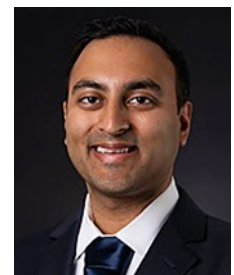
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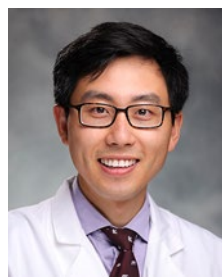
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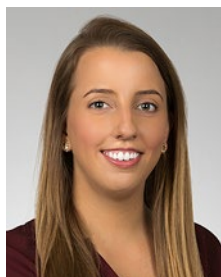
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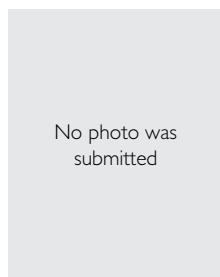
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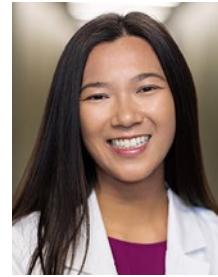
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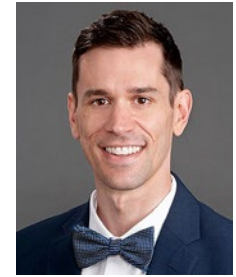
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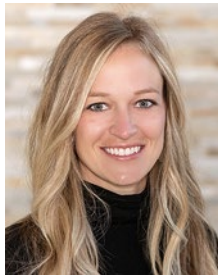
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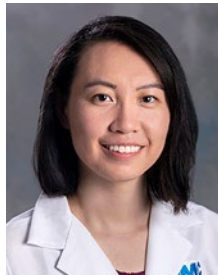
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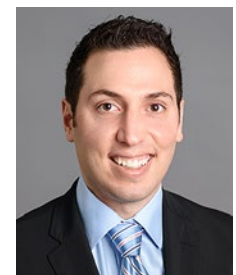
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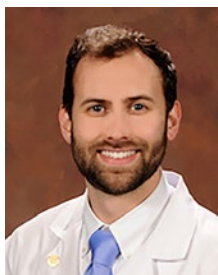
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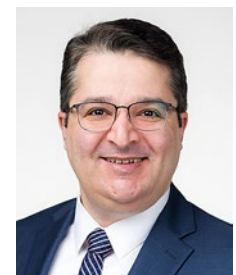
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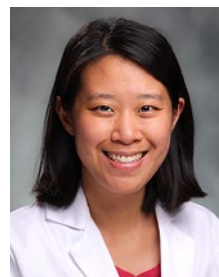
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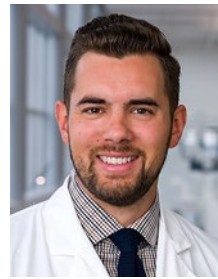
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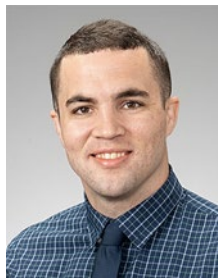
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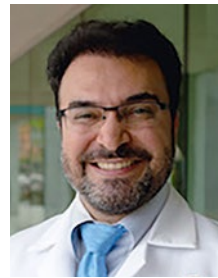
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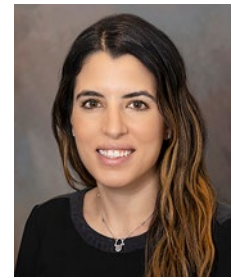
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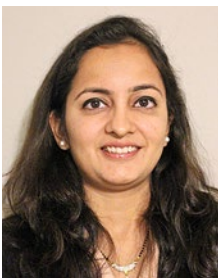
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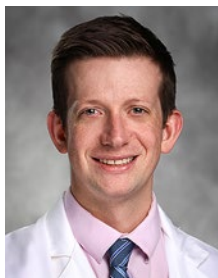
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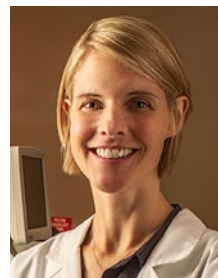
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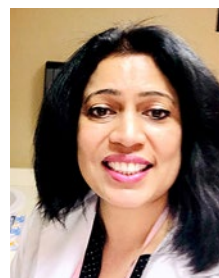
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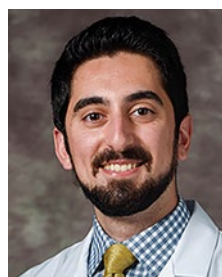
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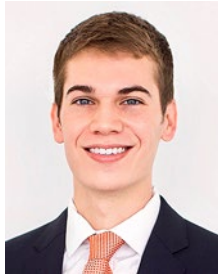


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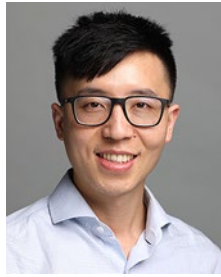


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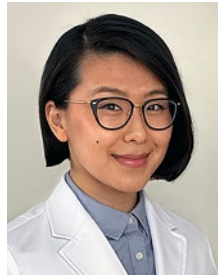
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