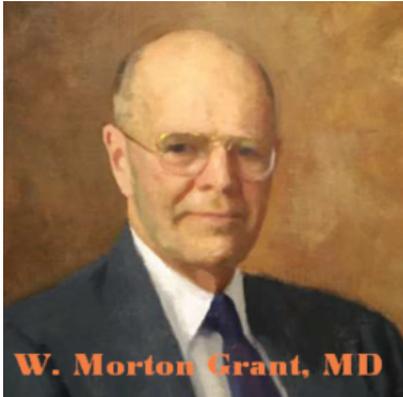




Chandler Grant Glaucoma Society

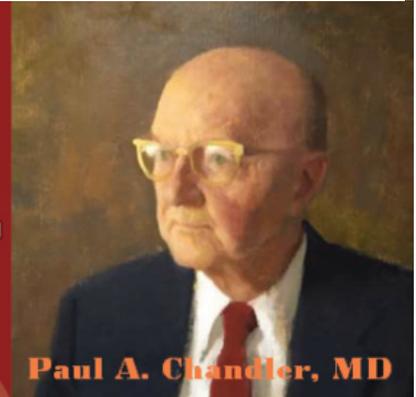
Glaucoma specialists for improving the treatment of glaucoma

850 Ridge Ave Pittsburgh, PA 15212 • Email: npopovich@acms.org • Phone: 412.321.5030



W. Morton Grant, MD

The Chandler Grant Glaucoma Society is a group of glaucoma specialists trained by Paul Chandler, M.D. or W. Morton Grant, M.D. of Harvard Medical School, or by a member of the society. Members are focused on preventing blindness from glaucoma through integration of research and clinical disciplines, and to provide a professional and collegial atmosphere that sustains and promotes high ethical and moral values inspired by Drs. Chandler and Grant.



Paul A. Chandler, MD

VOLUME I No 1 • FALL 2021

PRESIDENT'S MESSAGE

Dear Colleagues:

I am delighted to share with you this inaugural Chandler Grant society E-Newsletter! Our society offers important opportunities for discussion among our colleagues as well as reconnecting with our mentors and mentees. Unfortunately, like many meetings during the pandemic our main event, the annual dinner and glass of wine with Chandler and Grant, was canceled.

Our society has not been idle however and this newsletter will bring you up-to-date on all the activities past and future. Here you can read about our virtual glass of wine event aptly lead by Dr. Schuman and the recent 'meet-ups' as in person meetings have resumed. Also included are last year's winners of the Dr. Epstein clinician scientist award and the list of new Chandler Grant members, and we can learn about all the interesting things that former president Dr. Cindie Mattox has been doing since retiring to Hawaii.

I'm also excited to announce that we are planning an in person Chandler Grant dinner at the AGS meeting in Nashville this spring. I hope to see everyone there, and in the meantime, wishing you all good health and happy holidays!

Janey



**Janey L. Wiggs,
MD, PhD
President
Chandler Grant
Glaucoma Society**



We hope you enjoy the inaugural CGGS E-newsletter. This bi-annual digital publication will be published in May and November. We are looking for content! Please submit noteworthy items to Andrew Williams, MD, member and managing editor by email to: williamsam14@upmc.edu

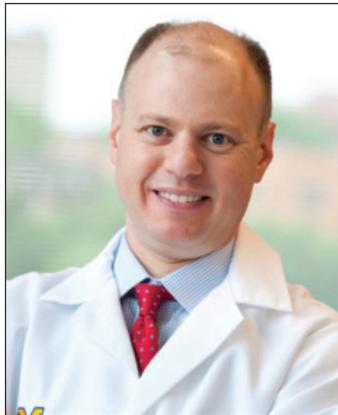


Meet Your Officers



Janey L. Wiggs, MD, PhD

President
Massachusetts Eye & Ear
Infirmary
Boston, MA



Joshua D. Stein, MD

Vice President
University of Michigan
Department of
Ophthalmology /
Visual Sciences
Ann Arbor, MI



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Secretary-
Treasurer
UPMC Eye Center
Pittsburgh, PA



Laura C. Fine, MD

Immediate Past-President
Ophthalmic Consultants
of Boston
Boston, MA



**Joel S.
Schuman, MD, FACS**

Past President
NYU Langone
Medical Center
New York, NY



**Nadine M.
Popovich**

Administrator

TREASURER'S REPORT - IAN CONNER, MD, PHD

The COVID-19 pandemic forced us to postpone our in-person meetings and to rely on digital connections to stay in touch in 2019 through the early part of 2021. This kept meeting expenses to a minimum and I am pleased to report the society account balances remain sound.

As you will read in the newsletter:

- The March 12 Glass of Wine with Chandler Grant Zoom meeting, and in-person Meet-Ups were not only cost-effective, but provided colleagues a chance to reconnect during this unprecedented time.
- The announcement of the CGGS exclusive partnership with Aerie Pharmaceutical to fund the distinguished David L. Epstein Clinician-Scientist Research Award ensures and enhances funding of the award, annually, for the next five years.

Membership dues also are instrumental for a positive operational account, with 2021 membership dues trending upward. Our membership is an excellent value, and I encourage CGGS members to extend an invitation to their fellows to join.

Through a continued effort to expand membership and focus on identifying sponsorship for support of future programming, we look to continue to remain solvent for 2022 and the future.

2022 MEMBERSHIP RENEWAL

Thank you to all who renewed their dues for 2021. With the addition of the newly elected members in 2020/2021 our membership grew to 193 members.

Membership renewal statements will be sent electronically on November 16th. Yearly dues are \$175 and strengthens our distinguished Society which was founded in 1982 to carry on the legacies of Paul A. Chandler, MD, and W. Morton Grant, MD.

For your convenience, credit card payments can be submitted securely online. Members can visit www.chandlergrantsociety.org and log in to their account. A membership renewal notification will appear with instruction on how to remit payment online. You also may contact Nadine Popovich, (412) 321-5030, to process your credit card. The Society accepts Visa, Mastercard, AMEX and Discover. Checks also are accepted and can be made payable to Chandler Grant Glaucoma Society and sent to Nadine Popovich | CGGS | 850 Ridge Ave | Pittsburgh, PA | 15212.

Thanks to your continued support and submitting dues in a timely manner, we remain an active specialty organization, providing collegial social opportunities and educational programming throughout the year.

**For CGGS news and updates, visit
www.chandlergrantsociety.org**

MEMBERSHIP NEWS



Welcome new members

The Chandler Grant Glaucoma Society is pleased to welcome the following new members.
The list is compiled of members elected Fall 2020 through Fall of 2021.

| | | |
|---------------------------------------|----------------------------------|----------------------------|
| Inas Aboobakar, MD | Monica Kenney Ertel, MD | Marcos Reyes, MD |
| Eric Brown, MD | Claire Kiernan, MD | David Rooney, MD |
| Lindsay Dawson, MD | Tigran Kostanyan, MD | Allison Soneru, MD |
| Nancy Flattem, MD | Debbie Shaw-Chwen Kuo, MD | Brian Stagg, MD |
| David Fleischman, MD, MS, FACS | Evan Lagouros, MD | Daniel Su, MD |
| Manik Goel, MD | Ang Li, MD | Lynn Sun, MD |
| Bradley Hansen, MD | James Liu, MD | Sarah Ullah, MD |
| Deidrya Jackson, MD | Daniel Moore, MD | Helen Yeung, MD |
| Denise John, MD | Robert Null, MD | Jeremy Wingard, MD |
| Chad Kaplan, MD | Veena Rao, MD | Andrew Williams, MD |

Help our membership grow!



Dr. W. Morton Grant

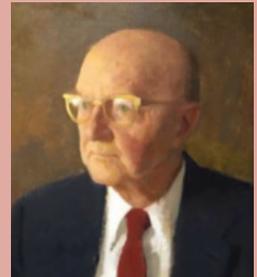
Feel free to share this newsletter with your graduating Fellows and invite them to become a member.

The Society is comprised of glaucoma specialists trained under Drs. Paul Chandler, W. Morton Grant, or their disciples.

Benefits of membership include an invitation to CGGS sponsored annual and biannual meetings (both in person and virtual). Meetings serve to provide not only educational offerings, but also networking opportunities for fellowship and camaraderie with colleagues in the glaucoma community.

Programs include the annual dinner program, held in conjunction with the American Glaucoma Society's (AGS) annual meeting, and the Chandler Grant Lecture and dinner, in conjunction with the New England Ophthalmology Society (NEOS) meeting. We have also added 'meet-ups' to coincide with several annual national meetings including: ASCRS, ARVO and AAO.

The CGGS also welcomes applications for our David L. Epstein Clinician Scientist Research Award.



Dr. Paul Chandler

Member Spotlight:

CINDIE MATTOX, MD



Cindie Mattox, MD
Past President
(2017-2018)

As many of you know, I practiced my entire 25 year career at Tufts- New England Eye Center in Boston. And I pretty much loved every bit of it- ok, maybe not those first months of E.H.R. implementation... Over my career, I discovered that I was one of those all-or-nothing kind of people. Like all of you, when I did something, I wanted to immerse myself, do it well, and work really hard at it.

Just over 4 years ago, I retired and moved to Maui.

So how am I handling that all-or-nothing approach in my new life? Well, like a lot of retirees, I've learned to adjust and redirect my passions to new and rediscovered pursuits. And sometimes it is refreshing to just do nothing, or at least only one thing at a time!

Besides the newfound time I have to read modern literature (I was an English major at UVA), watch scifi shows and sports (you can't stop being a fan when you leave Boston), I've also re-explored watercolor painting, jewelry making, golf, sewing, and creating lei and wreaths. I haven't yet learned to speak the Hawaiian language or dance hula, but they are on my to do list.

I've always loved growing things, and even enjoy the associated chores, but tropical gardening is really different and I jumped right in with my new yard that had a lot of established plants. I'm adjusting to the constant maintenance of everything growing growing, needing to be fed, and the subtle season changes here in Upcountry Maui on the slopes of Haleakala. Tomatoes and cilantro do best in the cooler rainy season. I plant cucumbers and sugar snap peas in December! Being able to grow orchids and amaryllis outside is so cool. Succulents and what I used to consider houseplants populate my outdoor garden beds. And then there are the tropical fruits! I have papaya, Meyer lemon, Tahitian lime (margaritas!), navel orange, clementines, lilikoi (passion fruit), Hass avocado, and a huge Lychee tree.

My most unusual passions now are windsurfing and fermenting. Bet you haven't heard those two words in the same sentence before!

Fermenting has been an interest of mine for years. My husband gave me Sandor Katz's *The Art of Fermentation*, and there are good online sources too. It is like chem-

istry lab in the kitchen! The fact that no two ferments are ever the same, the delayed gratification while you wait for the optimal time to pass, and the yummy results, makes it really interesting. So far I've made lots of pickles: dill, bread and butter, carrot, zucchini, cauliflower, and mustard pickles, spiced lime pickles, and preserved lemons. I have made fermented Serrano hot sauce from my garden peppers. And I have an ongoing "ginger bug," that's analogous to a sourdough starter for bread, that I use to make naturally fermented sodas that conveniently pair nicely with tequila and vodka! Think of any fruit combo and it can make a delightful naturally fizzy soda. Lychee is my favorite, and blueberry pineapple ginger is a close second. So much fun.

One of the main reasons we moved to Maui is that my husband is an expert windsurfer. I've been trying to become an accomplished windsurfer since I was a resident, but you know, work, committees and Board service got in the way of

Continued on page 6

CHANDLER GRANT GLAUCOMA SOCIETY

From Page 5

that goal ... The tradewinds blow so much of the time here, I've really stepped up my skills and I'm addicted. Now my "Board meetings" are at the beach! It is just so much freakin' fun to go speeding fast, over beautiful turquoise water, look up at the West Maui mountains or Haleakala and the clouds gracing their slopes, and hang out with a great community of water-people. It is a real total-body workout, there are new skills to learn, and the ocean here is magical: turtles, rays, flying fish, dolphins, whales, monk seals, the occasional shark.

Here's a link to a video of me and my friends on a typical day. I'm sailing the hot pink, purple, and green sail and trying to learn to jibe.

<https://vimeo.com/619332337/50802f14ef>

COVID affected my new life but in mostly small ways, and absolutely nothing compared to those of



you seeing patients and running your practices. My heart was so heavy hearing about the challenges.

I feel very fortunate to be in this

special time and place. And I wouldn't change anything about my career. All along the way there were wonderful mentors and friends who supported and encouraged me. Residents and Fellows and patients sustained my interest and reinforced my sense of purpose. The Chandler Grant Society and Glaucoma is another special place for which I am grateful. Aloha!

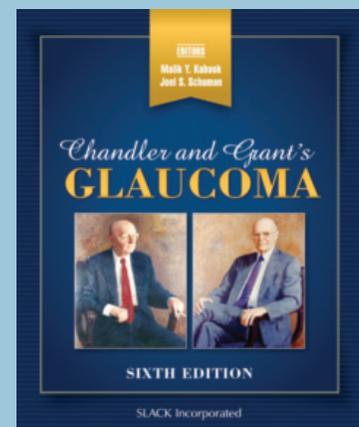
Sixth Edition of Chandler and Grant's Glaucoma available

In January, Slack Books released the new **Sixth Edition** of **Chandler and Grant's Glaucoma**, edited by CGGS members Drs. Malik Y. Kahook and Joel S. Schuman, including writings from the late Dr. David L. Epstein and more than 80 contributors.

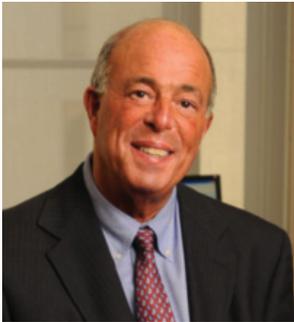
Chandler Grant Glaucoma Society members can receive 20% off and free standard shipping (US) at www.slackbooks.com with promo code CG20.

Each chapter has been meticulously edited and updated from the previous edition, while maintaining the well-established historical teachings of Drs. Paul A. Chandler and W. Morton Grant. New chapters on medical therapy as well as thorough updates on novel and minimally invasive approaches for the surgical management of glaucoma have been added.

Order your copy today.



Aerie Pharmaceuticals exclusive five-year partnership to fund The David Epstein Clinician Scientist Research Award



Dr. David L. Epstein

In June 2021, the CGGS announced an exclusive five-year partnership with Aerie Pharmaceuticals, Inc., to fund the distinguished David Epstein Clinician-Scientist Research Award.

In 2014, the CGGS created this award to honor David L. Epstein,

MD, widely considered to be one of the most influential leaders in the world of glaucoma and glaucoma research over the past 40 years. The award is a small way to honor his commitment to the scientific understanding and cure of glaucoma through the support of promising clinician-scientists in research environments. As Joel S. Schuman, MD, past-president, once wrote in a tribute to Dr. Epstein, his “greatest legacy is the army of clinician-scientists whom he inspired throughout his years.”

Dr. Epstein was also a co-founder of Aerie Pharmaceuticals, thus making the collaboration between CGGS and Aerie a special way to preserve his legacy, while creating a solid bond between the pharmaceuti-

cal company and the entire eye care community.

Thanks to Aerie’s generosity and support, the CGGS will provide five, \$10,000 research grants, to support the work of dedicated researchers and to provide funding to the institutions in which the recipients devote themselves in the field of ophthalmology and glaucoma research.

The first of five recipients will be selected and notified in January 2022. The award recipient’s institution will be formally recognized during the CGGS meeting held in conjunction with the American Glaucoma Society Annual meeting. The deadline for award nominee submissions is Dec 16, 2021.

“I truly believe that a lifetime of inquisitiveness in one’s clinical laboratory will be a long-lasting source of ultimate satisfaction in one’s career,” said Dr. Epstein. CGGS and Aerie Pharmaceuticals is delighted to keep Dr. Epstein’s dream alive and his desire for ongoing education and research in glaucoma vigorous and productive.”



***Thank you to Aerie Pharmaceuticals
for their commitment to support the David L. Epstein
Clinician-Scientist Research Award.***

David L. Epstein Clinician Scientist Research Award recipients share reflections

The inaugural awards were announced at the annual Chandler-Grant Glaucoma Society AAO dinner in Chicago, IL. on October 19th, 2014. We asked each award recipient to share thoughts on what the award meant to them. Below are their testimonials.

As for me – the funding from the Epstein award helped support some of my early work investigating the neural signatures of glaucomatous disease in the visual brain. Although I primarily function now as a clinician, the CGGS award served as a small but important springboard early in my career, allowing me and my scientific collaborators to develop the skills and techniques necessary to pursue more significant funding opportunities.



Ian Conner, MD, PhD – 2014 Award Recipient

Although I only met Dr. Epstein once, shortly before his passing at the 2013 Chandler-Grant dinner meeting in New Orleans, I was struck by his passion and intrigue for the field of glaucoma and his uncanny ability to lead a provocative discussion where he could draw out ideas from each of us. So to receive the inaugural David Epstein Clinician-Scientist Award a year after his passing was a sincere honor. For a young researcher, this award helped to springboard my own curiosities in 24-hour IOP monitoring and establish one of the few sleep laboratories in the country for glaucoma. His legacy lives on through this award and all its recipients by continuing to stoke the flame of research driven towards better care for our patients with glaucoma.



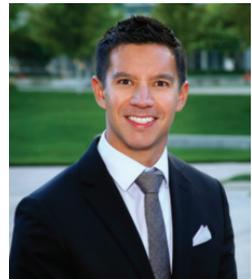
Leonard Seibold, MD – 2014 Award Recipient

The David Epstein Clinician Scientist Award from the Chandler Grant Glaucoma Society not only provided me the opportunity to expand my motivational interviewing training program to teach ancillary staff to become glaucoma counselors, but it also gave me the encouragement that I was on the right path. Receiving such a prestigious award when I was just beginning in my research career gave me the validation that the research questions I was asking about the importance of glaucoma medication adherence and the ways we might improve it were valuable. This type of confidence booster was invaluable in contributing to the perseverance necessary to move the needle in research and policy. I want to thank the Chandler Grant Glaucoma Society and my mentors, Dr. Paul Lee, Dr. Josh Stein, Dr. Ken Resnicow and Dr. Michele Heisler for all of your support.



Paula Anne Newman-Casey, MD, MS – 2015 Award Recipient

Receiving the David Epstein Clinician-Scientist Research Award was such an incredible honor and I am grateful to CGGS and our industry partners for their support of my work. My grant funding helped me become trained in the use of computer-aided design software and has given me tools that I can use throughout my career to investigate novel treatments for glaucoma and other ocular diseases.



Jeffrey Soohoo, MD – 2016 Award Recipient

CHANDLER GRANT GLAUCOMA SOCIETY

Although Dr. David Epstein passed away just before I started my fellowship at Duke, his legacy was only just beginning. Dr. Epstein was perhaps the most vocal advocate for the clinician-scientist in a time where academic medicine was evolving into a predominantly business venture. Now there is a romantic, rather than practical, concept of the clinician-scientist. But in the end, Dr. Epstein will be proven correct. Glaucoma, ophthalmology, healthcare, and medicine will not advance as efficiently and effectively without clinicians who are seeing and caring for patients, asking the “Why?” questions, and then importantly – setting out to answer them.

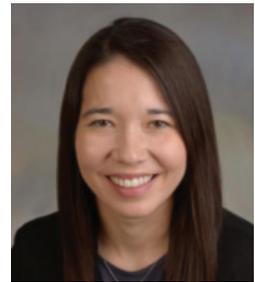


It was an honor to have received the David L. Epstein Clinician-Scientist Research Award from the Chandler-Grant Society. It was also a testament to my own mentor, Dr. Rand Allingham, who embodied the clinician-scientist as much as anyone. With these funds, we conducted studies that investigated CSF flow in the perioptic subarachnoid space in humans and in a porcine model. We are now examining the role of perioptic CSF flow and the glymphatic system in eye disease and health, both in a laboratory setting and in an evolutionary perspective.

I am forever grateful to my mentor, Dr. Allingham, to Dr. David Epstein, and the Chandler Grant Society for the opportunity to carry the torch and teaching me the importance of passing it on.

**-David Fleischman, MD, MS, FACS –
2016 Award Recipient**

I am beyond grateful for the David Epstein Clinician-Scientist Research Award, and the research it has allowed me to pursue. I have the opportunity to follow multiple members of a four-generation family with a remarkably high incidence of congenital cataracts and aphakic glaucoma. We have located a mutation on the GJA3 gene in five of the family members, and thanks to this grant, we are able to test the remaining six blood samples on this family. It is our hope that this work will help to improve the precision of both diagnosis and prognosis with genetic testing, help us better understand aphakic glaucoma mechanisms, and perhaps provide insight into ocular growth and development.



Erin Boese, MD – 2020 Award Recipient

Inaugural Awards

2014 - Leonard Seibold, MD

2014 - Ian Conner, MD, PhD

2015 – Paula Anne Newman-Casey, MD

2016 – David Fleischman, MD, MS

2016– Jeffrey R. SooHoo, MD

2020 – Erin Boese, MD

**E-mail your news items and editorial
submissions to npopovich@acms.org**

CGGS events – past and future!

Throughout the year, the Officers met to discuss opportunities to enhance membership and identify future educational and engagement events. In 2021, membership Meet-Up's were initiated to coincide with several national meetings and the virtual Glass of Wine with Chandler Grant was scheduled due to the cancellation of the CGGS Spring meeting, which is the bi-annual meeting held in conjunction with the New England Ophthalmological Society (NEOS) meeting.

Event notifications are emailed to members several months prior to the event date and can be found under the Membership Information Tab/Events on the website. To confirm or update your email on file with the society please contact Nadine Popovich, administrator at npopovich@acms.org.

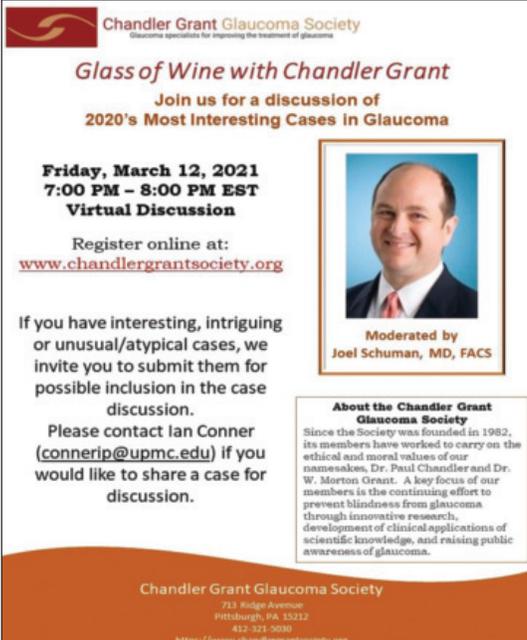
Below is a snapshot of past and future events.

Glass of Wine with Chandler Grant – March 12, 2021

Over 75 members gathered virtually for a discussion of 2020's most interesting cases in Glaucoma. Moderated by Joel Schuman, MD, FACS, the virtual discussion was lively with many attendees joining in conversation and enjoying camaraderie.

To start the meeting, Dr. Schuman encouraged all to raise a glass and toast Drs. Chandler and Grant. He then introduced the presenters for the evening: **Leon Herndon, MD; Evan Lagouros, MD; Leonard Seibold, MD; Sarah Ullah, MD, with final remarks from President, Janey Wiggs, MD, PhD.**

Due to the overwhelming attendance and success of the event, another is planned for early Spring. Members will be notified by email in January!

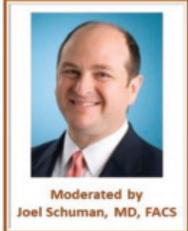


Chandler Grant Glaucoma Society
Glaucoma specialists for improving the treatment of glaucoma

Glass of Wine with Chandler Grant
Join us for a discussion of
2020's Most Interesting Cases in Glaucoma

Friday, March 12, 2021
7:00 PM – 8:00 PM EST
Virtual Discussion

Register online at:
www.chandlergrantsociety.org



Moderated by
Joel Schuman, MD, FACS

If you have interesting, intriguing or unusual/atypical cases, we invite you to submit them for possible inclusion in the case discussion.

Please contact Ian Conner (connerip@upmc.edu) if you would like to share a case for discussion.

About the Chandler Grant Glaucoma Society
Since the Society was founded in 1982, its members have worked to carry on the ethical and moral values of our namesakes, Dr. Paul Chandler and Dr. W. Morton Grant. A key focus of our members is the continuing effort to prevent blindness from glaucoma through innovative research, development of clinical applications of scientific knowledge, and raising public awareness of glaucoma.

Chandler Grant Glaucoma Society
733 Ridge Avenue
Pittsburgh, PA 15212
412-321-5030
<http://www.chandlergrantsociety.org>

**For CGGS news and updates, visit
www.chandlergrantsociety.org**

CHANDLER GRANT GLAUCOMA SOCIETY

Plan on attending a CGGS meet-up!

The society introduced Meet-Ups to coincide with several national conferences. The first Meet-Up took place during the 2021 American Society of Cataract and Refractive Surgery (ASCRS) meeting, held July 23 in Las Vegas, Nevada.

CGGS members attending the July gathering included: (Left to Right) **Ian Conner, MD, PhD; Leon Herndon, MD; Mohammed ElMallah, MD; David Rooney, MD** and **Tigran Kostanyan, MD**.



CGGS members reunite during the AAO meeting

CGGS members attending the American Academy of Ophthalmology (AAO) Annual gathered on November 13th at the New Orleans Marriott Warehouse Arts District Hotel. Thank you to Ian Conner, MD, PhD, who coordinated the event and sent in the photo.



Pictured I to r CGGS members:
David Rooney,
Ben Mahan,
Peter Netland,
Josh Stein,
Ian Conner,
Steve Brown,
Joel Schuman,
Ed Chay

Join us for a
Chandler Grant Glaucoma Society
MEET UP
In conjunction with the
American Academy of Ophthalmology
(AAO) mtg. in New Orleans
Cash Bar
NOVEMBER 13, 2021
5:00 pm to 7:00 pm (CST)
Greatroom Restaurant & Bar
located at the New Orleans Marriott Warehouse Arts District



Join us at the next Meet-Up! The first Meet-Up of 2022 will coincide with the 2022 Association for Research in Vision and Ophthalmology (ARVO) Annual meeting, scheduled for May 1-5, 2022. Members will receive an email notification which will include the date, time, and location in April.

Formal Dinner Meeting set to coincide with AGS Annual meeting March 3-6, 2022

The society will host a formal in-person program during the American Glaucoma Society (AGS) Annual meeting. The 2022 AGS meeting is scheduled for **March 3-6** at the Grand Hyatt in Nashville, TN. Notification of the CGGS program will be sent late January.

David L. Epstein Clinical Scientist Research Award – FINAL CALL FOR APPLICATIONS

The Call for the Research Application deadline is December 16, 2021! Interested applicants who are within 5 years of fellowship are asked to follow the instructions below or visit the criteria and application page on the Society's website. The Awardee will be notified on or before January 20, 2022.

Complete the Grant Application.

- Request a letter of recommendation from their fellowship director or other CGGS member that explains why they would be a good candidate for the Clinician-Scientist Research Grant award. The recommendation letter should contain details of the nominee's education and accomplishments to date, as well as their potential to impact upon our field in the future.

- Submit a letter that describes their commitment to being a clinician-scientist, explains their area of research interest, touches on current projects that are underway, and details how they intend to use the funds.

Questions may be directed to Nadine Popovich, administrator at npopovich@acms.org or (412) 321-5030. Application and supporting materials should be sent by email to Nadine Popovich, or by mail to: Chandler Grant Glaucoma Society | 850 Ridge Ave | Pittsburgh, PA | 15212.

In addition to the Award Recipient's research institution receiving a \$10,000 grant, he/she will be recognized during the CGGS meeting held in conjunction with the American Glaucoma Society Annual meeting. The award recipient is asked to give a presentation of their research related to the award.

From the Vault



We are very proud of the legacies of Paul A. Chandler, MD, and W. Morton Grant, MD, and would like to share a few photos from our archives. If you have photos or historical information on the Chandler Grant Glaucoma Society and would like it featured in an upcoming edition of the newsletter, please contact Nadine Popovich, administrator (npopovich@acms.org).

Drs. W. Paul A. Chandler and Morton Grant weekly meeting at MEEI - taken by Marshall Cyrlin, MD.