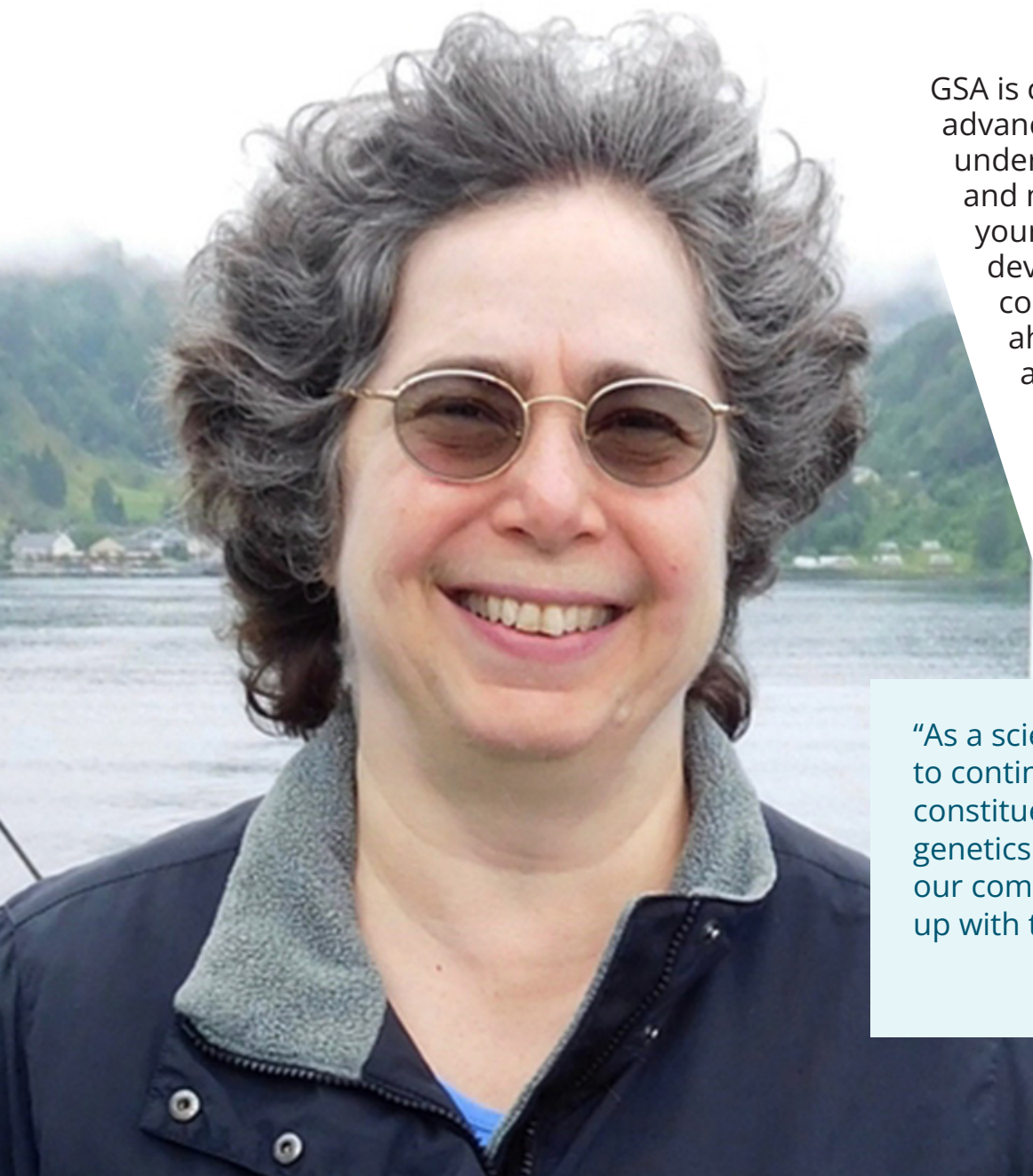


2024 YEAR IN REVIEW

Supporting our community's future, together



GSA is committed to strengthening our community, advancing our field, and safeguarding science. From undergraduate studies to your first faculty appointment and many years beyond, and through changes in your career path, GSA offers a professional home to develop your skills and forge lifelong friendships and collaborations. 2024 was a visionary year, as we looked ahead to our community's future with focuses on early and mid-career training, strategic DEI planning, and science advocacy.

Our dedicated network of supporters and donors is essential to bringing these successes to life and helping us provide a welcoming and supportive long-term professional home for our members and the broader genetics community.

“As a scientific society, we hold a responsibility to continue building and diversifying our constituency to drive scientific progress in genetics. But we also face many challenges. As our community, we look to you to help us keep up with the ever-changing scientific landscape.”

–Mariana Wolfner, 2024 GSA President

Expanding opportunities for early and mid-career scientists

Professional development programming in 2024 featured an enhanced focus on connecting early career scientists and postdocs with mid-career scientists. A new Conference Mentor Program debuted at The Allied Genetics Conference 2024, offering faculty members the opportunity to engage with GSA early career scientist members and connecting solo conference goers with an experienced GSA faculty member.

In 2024, staff and program participants:

- Sent **41** issues of the [Early Career Scientist Weekly](#) email newsletter
- Published **16** [Early Career Leadership Spotlight](#) blog posts
- Hosted **6** [online seminars](#) featuring the 2024 GSA Award recipients with a total of **1,013** participants
- Published **4** [Leadership Dialogue Series](#) video interviews
- Organized **3** [Multilingual Seminars](#), in Mandarin, Portuguese, and Hindi
- Held **2** [International Seminar Series](#) talks
- Held **2** Accessibility in STEM workshops, on [improving accessibility in the postgraduate pipeline](#) and in the graduate to employment pipeline



In the works: To provide increased support for our mid-career members who are starting out in new faculty positions or running their own labs for the first time, we are building a new resource page on the GSA website that will include advice on time management after tenure, management and leadership styles, starting a company, and how to become a department chair or dean. Keep an eye out for updates in 2025!

Bringing research communities together



Community meetings for researchers studying *Drosophila*, worm, mammalian, PEQG, plant, *Xenopus*, and Zebrafish came together under the umbrella of [The Allied Genetics Conference](#) (TAGC) in 2024. The unified meeting offered scientists an opportunity to not only reconnect with peers studying their chosen research organism, but also to discover fascinating connections and commonalities in the work being done across model systems.

TAGC 2024, by the numbers:

- **>\$97,500** in funding supported free travel, lodging, and registration for 50 early career researchers and free registration for **14** others to attend #TAGC24
- **2,912** attendees from **7** model organism research communities and **46** countries
- **1,982** abstracts presented
- **83** complimentary registrations provided to attendees from low- and middle-income countries
- **33** Undergraduate Travel Awards granted
- **22** Child and Dependent Care Grants awarded
- **13** live [Twitch streams](#) from #TAGC24, including talks with Early Career Leadership Program representatives, grant funding highlights, and a live DNA extraction.



Amplifying your voices and experiences

In 2024, GSA and its collaborators, Personal Genetics Education & Dialogue and the Reclaiming STEM Institute, secured a BIO-LEAPS grant from the U.S. National Science Foundation. The funding supports "[Culture Change–Building a Relational and Inclusive Discipline through Genetics Engagement \(CC-BRIDGE\)](#)," a capacity-building initiative that seeks to explore public engagement with science as a path for transformative culture change in the field of genetics. Through webinars, workshops, and a symposium focused on historical and current social impacts of genetics research, CC-BRIDGE will pilot a reciprocal and inclusive public engagement program for scientists.



“Given our diverse impact and reach, it is incumbent upon GSA to provide a platform for members to share their lived experiences. Because these experiences actively shape how scientists conduct research and engage with others, by fostering an environment that amplifies their unique perspectives, we fuel progress both within and outside of our field.”

—Tracey DePellegrin, GSA Executive Director

Continuing efforts to ensure GSA’s membership encompasses a broad array of viewpoints and experiences, the Equity and Inclusion (E&I) Committee continued the [Presidential Membership Initiative](#) (PMI) in 2024. PMI awardees received free GSA membership for one year and discounted for another, a conference abstract fee waiver, recognition in *Genes to Genomes*, access to networking events, and the opportunity to participate in GSA’s Early Career Leadership Program and the GSA Journals Peer Review Training Program.



Amplifying your voices and experiences

The E&I Committee also piloted the new [Inclusion Ambassador Program](#) at TAGC 2024. Inclusion Ambassadors volunteer to model inclusive behavior, promote DEI programming, and provide information on GSA's Code of Conduct and DEI efforts in order to help create a safer and more welcoming space for all GSA conference attendees. The program will continue at upcoming GSA Conferences.

In 2024:

- **76** countries represented in GSA's membership
- **44** Inclusion Ambassadors at GSA conferences
- **34** Presidential Membership packages [awarded](#), totaling **167** since the initiative's launch in 2021, and **123** applications received in 2024
- **2** Equity and Inclusion Keynote sessions held at #TAGC24: ["The Eugenics Movement and Scientific Racism — Past, Present, and Future"](#) and "Context Is Everything: Learning Scientific Lessons"



Panelists at the "The Eugenics Movement and Scientific Racism — Past, Present, and Future" seminar at #TAGC24.

In the works: In 2024, GSA leadership, staff, and committee volunteers partnered with the [Kaleidoscope Group](#) to formalize the Society's commitment to becoming as diverse, as inclusive, and as equitable as it can be. We have entered into the final phase of developing a strategic DEI plan that will outline objectives, annual goals and supporting actions, and evaluation and communication plans spanning the next three years (2025-2027).

Exchanging ideas across genetics

GSA's sister journals, [GENETICS](#) and [G3: Genes|Genomes|Genetics](#), are peer-reviewed, peer-edited, and known for their expert reviews, clear decisions, and commitment to enriching the author experience. They publish thematic collections spanning a broad range of topics, which expand annually. In 2024, authors were invited to submit papers on "Opportunities and Challenges for Genomic Data Analyses in Biobanks" and "Genetics of Bacteria" for two Series that will launch in both GENETICS and G3 in early- and mid-2025, respectively.

In 2024, the Journals continued to contribute to the intellectual exchange of ideas across genetics and genomics:

- G3 launched the new [Dialogue and Debate](#) article type
- GENETICS launched the new [Perspectives and Reviews](#) section
- **22** journal articles were highlighted with *Genes to Genomes* [blog posts](#)



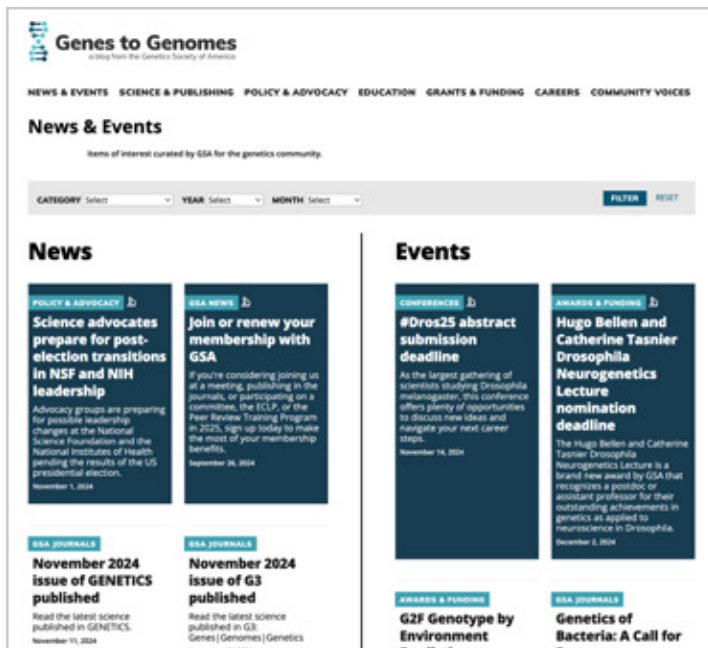
In the works: The ECPL's Multimedia Subcommittee's podcast, [Genetics in Your World](#), will draw attention to timely topics via GENETICS and G3 articles in 2025. Keep an eye out for new episodes on Acast, Apple Podcasts, Spotify, or wherever you listen to podcasts.

Preparing the next generation of peer reviewers

The [GSA Journals Peer Review Training Program](#) provides formal instruction in the key skill of manuscript evaluation and gives participants the opportunity to review for the GSA Journals while honing their skills and receiving feedback from editors. In April this year, trainees began evaluating articles for [G3: Genes|Genomes|Genetics](#) as well as [GENETICS](#).

In 2024:

- **199** students, postdocs, and early career faculty received training
- **120** trainee peer reviews submitted for GENETICS
- **91** trainee peer reviews submitted for G3 (since April 2024)



New in 2024: We launched News & Events on *Genes to Genomes*. This one-stop-shop resource curates the information and opportunities that are most valuable to the genetics community, such as **funding and mentoring opportunities, seminars and conferences**, and important changes to **U.S. science policy**.

Advocating for scientists on Capitol Hill and beyond

GSA is dedicated to helping our community more effectively advocate for science and for scientists. This year, staff and volunteers took up several initiatives:

- The ECS Policy and Advocacy Subcommittee co-organized a Capitol Hill Day
- American Society of Gene & Cell Therapy Congressional Policy Fellow Adriana Bankston joined ECLP representatives for a workshop on science policy writing and a discussion titled "[Science Policy: Introduction, Principles, and Impact](#)"
- **3** "[Paths to Science Policy](#)" blog posts were published on *Genes to Genomes*

Additionally, we are members of and partner with FASEB, the Coalition for Life Sciences, and the Societies Consortium on Sexual Harassment in STEMM to advocate for science and scientists.

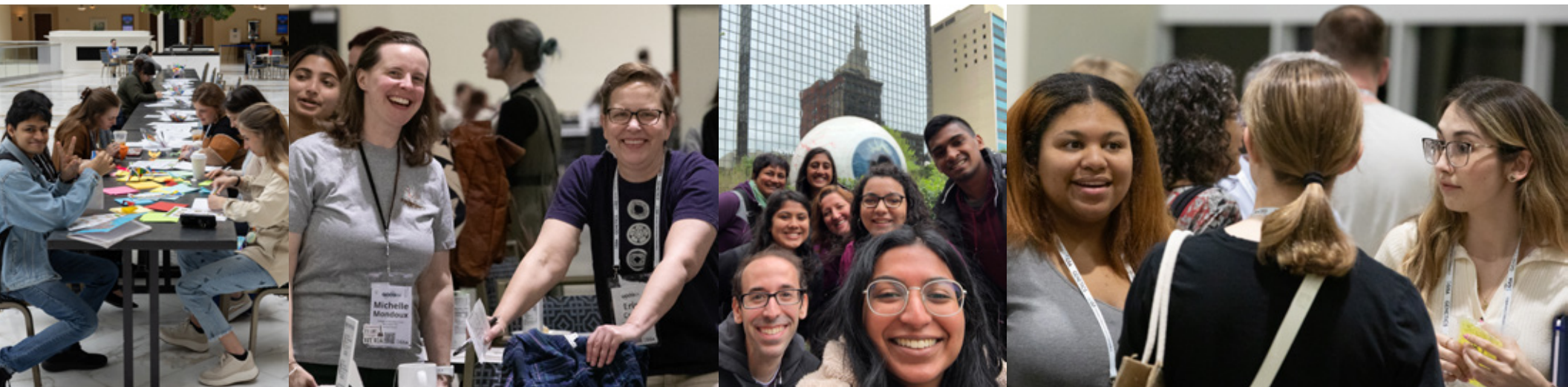


Help us support our vibrant community

When you donate to the 2024 Annual Appeal, you ensure the sustainability of GSA's existing programs and enable the Society to expand its impact and adapt to our ever-changing future.

Every donation counts. Please consider what the Society has meant to you and your career, and how the careers of countless others like you may be served by GSA programs.

[Donate Now](#)



"Joining GSA early in my career was really important to me because it allowed me to find external validation for my research. At local institutions, we don't always have people collaborating with us or overlapping with us in their science or organism, so it was great to be able to meet people who were excited about my science and to really feel like I was part of the community."

—Gavin Rice, Research Associate at the University of Pittsburgh

Thank you, Donors!

GSA's successes in 2024 could not have been achieved without the generous support of our donors. On behalf of the Board of Directors, we would like to thank them for their commitment to GSA and our community.

Please check the website for a list of 2024 and past donors:

genetics-gsa.org/donate/

If you have questions or ideas, please contact us: society@genetics-gsa.org.



GSA Staff