

Annual Report

2021-2022

Envisioning a Future In Which
People Everywhere Realize The
Benefits of Human Genetics
and Genomics Research



American Society of Human Genetics

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About ASHG

The American Society of Human Genetics (ASHG) is the leading professional scientific membership organization for human genetics and genomics researchers in the world. The Society’s members include researchers, clinicians, genetic counselors, and others who have a special interest in the field of human genetics and genomics research. In addition to serving and representing its members, ASHG also works to increase the availability of reliable information about genetics and genomics to the public.

Mission

Advance the field of human genetics and genomics through excellence in research, education, and advocacy.

Vision

People everywhere realize the benefits of human genetics and genomics research.

Core Values

- ▶ Integrity
- ▶ Rigor
- ▶ Inclusion
- ▶ Innovation
- ▶ Collaboration
- ▶ Social responsibility

Message FROM THE PRESIDENT



Dear ASHG Community,

Despite the COVID-19 pandemic, ASHG continues to serve human geneticists worldwide with exceptional programs and launching new ways to advance our mission. It is precisely in moments of challenge that being part of this community means the most to me because we must work ever more closely together to achieve vital goals. Fiscal year 2022 put us all to the test.

The heart of ASHG’s mission is to realize the potential of human genomics to enhance research, health, and society. ASHG’s scientific pillars—our annual meeting and journals—remained unmatched places for sharing new discoveries and applications, and the breadth and reach of this year’s findings reflected the field’s equal breadth and impact. ASHG also sustained its dedication to the next generation of discovery: the Human Genetics Scholars Program grew to serve 24 promising researchers from underrepresented

backgrounds; career development programs put a spotlight on early career mental health; we recognized dozens of Epstein Award finalists; and we celebrated high school winners of the ASHG DNA Day Essay Contest who reflected on the importance of Gregor Mendel’s pioneering discoveries. As a community, we also gave heartfelt thanks to retiring NIH Director Francis Collins, MD, PhD, who has profoundly shaped our research agenda and community throughout his leadership roles.

ASHG also actively pursued our broader mission to influence societal issues. We led the Society’s second Capitol Hill Day to support funding and equity in research, which included the first class of the Advocacy Certificate for Genetics and Genomics Trainees; informed NIH genomic data sharing policies; and shaped congressional discussion of ways to ensure genomic research advances alongside national security. ASHG also remained vocal on issues of the day, denouncing the twisted misuse of genetic knowledge to feed hate-filled violence in Buffalo, speaking up in support of reproductive choice, and beginning ASHG’s own self-reflection to understand how the Society’s roots or actions have caused harm or have helped move toward justice.

We live in a profoundly exciting time for science and a challenging larger world. We are tested the most in these moments and I am proud that ASHG has been steadfast, supportive, and strategic, ensuring we can serve our members for years to come. I am honored to have been your ASHG president this year, working with all of you, the Board of Directors, many other dedicated volunteers, and an exceptional staff team. I am excited and confident that important work will continue in the years ahead and that we will emerge from COVID challenges to serve a mission that is more important than ever.

Sincerely,

Charles Rotimi, PhD
2022 ASHG President

MEMBER ENGAGEMENT

ASHG works to build a vibrant and collaborative community of human genetics and genomics professionals in research, medicine, and education from across the world. Members include researchers, clinicians, genetic counselors, students, and others working to advance discovery and application of human genetics and genomics in society. ASHG offers professional development, networking, volunteer opportunities, and much more to support their work.



“ASHG membership helps to inspire the next generation and supports their interest in pursuing STEM careers.”

Emily Davenport, PhD

Member Since 2015



“ASHG membership provides engagement with a community that welcomes diverse scientific perspectives, ideas, and backgrounds.”

Swaroop Aradhya, PhD

Member Since 2007



“ASHG helps to support future generations of genetics and genomics professionals and provides outstanding opportunities for enriching scientific exchange.”

Kenneth Ramos, MD, PhD

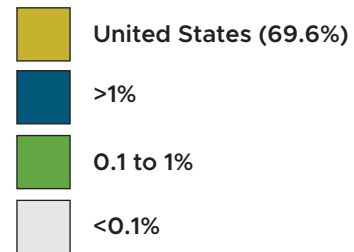
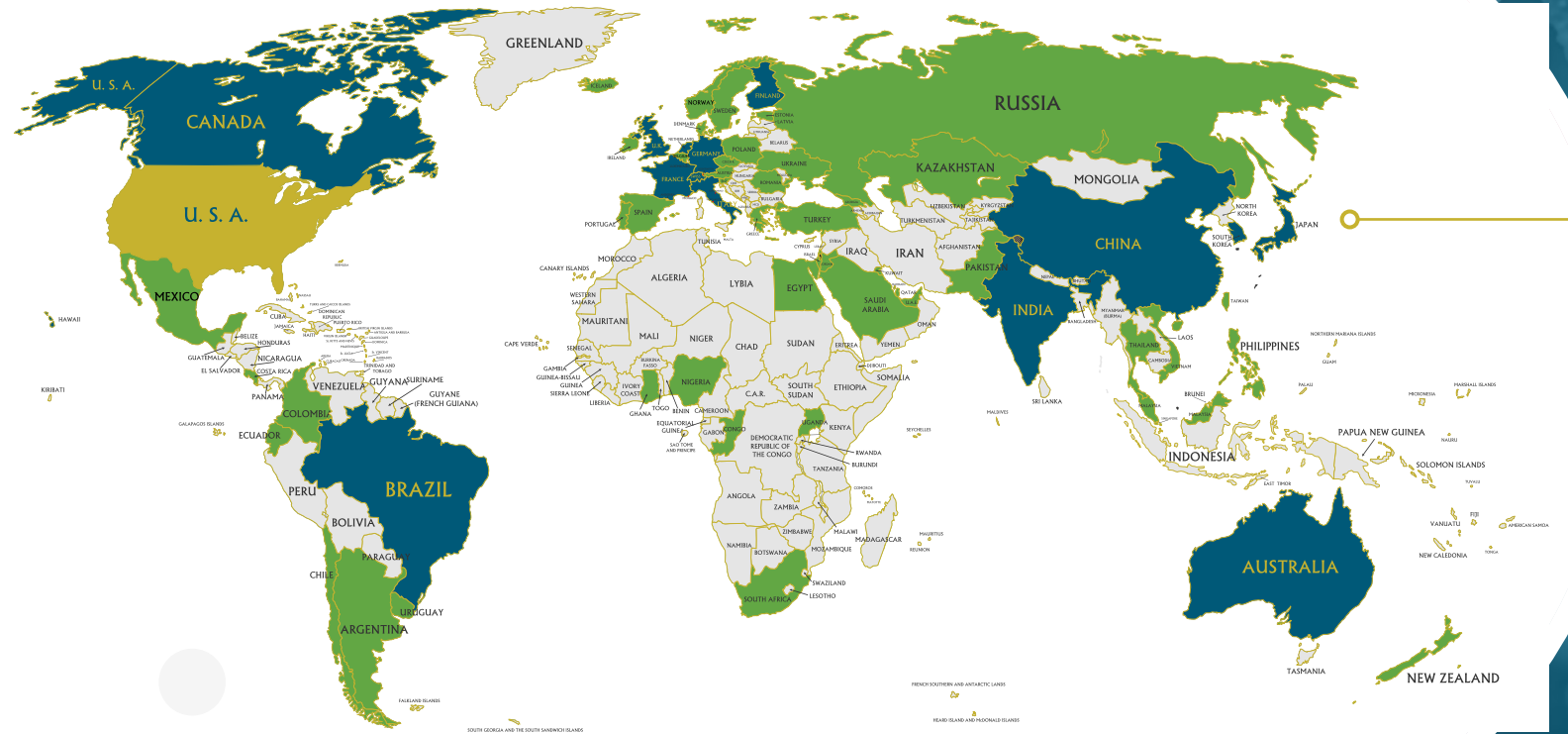
Member Since 2016

Member Benefits

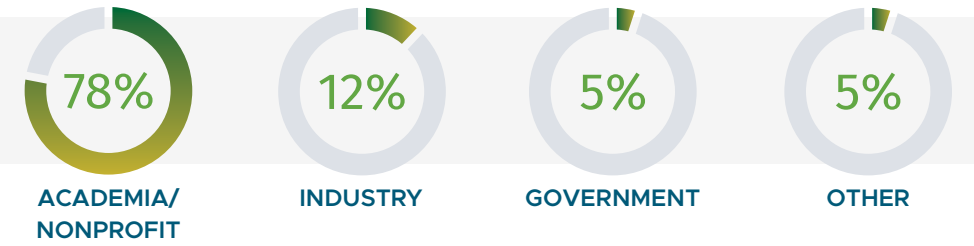
- ▶ Reduced rates for the ASHG Annual Meeting
- ▶ Free online subscription and no publishing fees for *AJHG*
- ▶ 20% off publishing in *Human Genetics and Genomics Advances*
- ▶ Access to key professional education, career, and networking resources including:
 - Webinars, journal clubs, workshops, and podcasts
 - Online career center and annual career fair
 - Members-only online community, ASHG Connect
- ▶ Service on Board and committees along with voting rights
- ▶ Policy resources and representation in advocacy efforts
- ▶ Public engagement opportunities through the Genetics Engagement & Education Network

2021 MEMBERSHIP

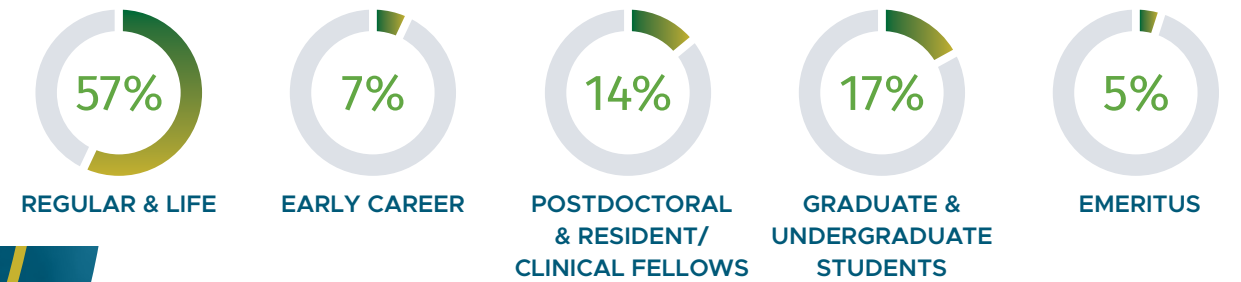
5,912
MEMBERS



WORK SETTING



MEMBER TYPE



TYPE OF WORK



VIRTUAL Meeting

ASHG's second ever virtual meeting attracted thousands of human genetics and genomics professionals to discuss the latest research, unveil new technologies and tools, and spark collaborations that advance research and medical discoveries.



ASHG VIRTUAL MEETING 2021
OCTOBER 18-22

Highlights

5,165
Attendees

2,128
Abstracts
Submitted
with

4,841
Scientific

77
Late-Breaking
Abstracts

Sessions
16 Invited
16 Plenary
199 Platform

82
Industry
Partners

Platinum Sponsors

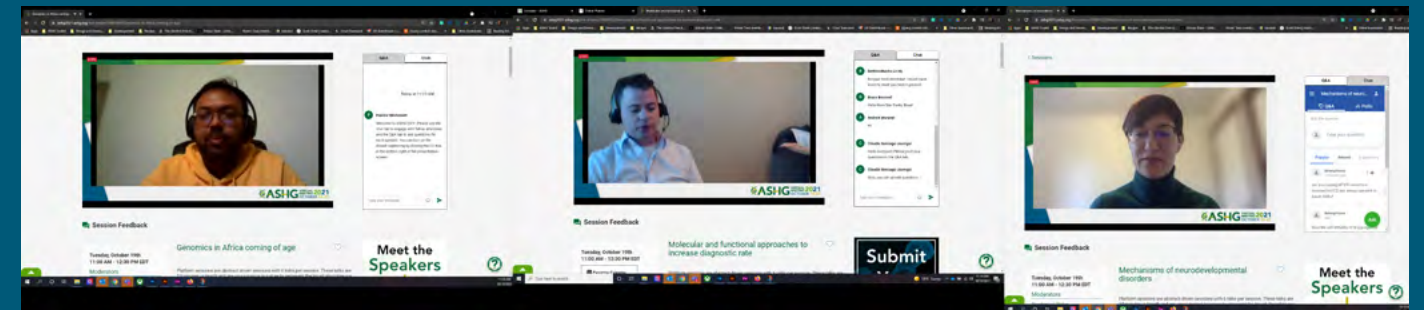
Thanks to Illumina, ThermoFisher Scientific, NanoString, and Qiagen for their lead sponsorship of the 2021 Virtual Meeting!



Professional Development and Industry Forum Days

The Society hosted a virtual pre-meeting event dedicated to accelerating our members' professional growth and exploring the latest developments from industry thought leaders on a range of critical genetics and genomics topics and products.

- ▶ Networking Event: Perfect Your Elevator Speech
- ▶ Behind-the-Scenes: Publications Workshop
- ▶ Diversity Luncheon: Finding Your Voice
- ▶ 7 Industry Partner Talks
- ▶ Session: How to Land and Fill a Postdoctoral Position
- ▶ Industry & Biotechnology Careers Panel



Through the Society's journals and other publications, ASHG members share the latest scientific breakthroughs and perspectives on important issues with the research community.

PUBLICATIONS

The American Journal of Human Genetics

Known for its scientific excellence and rigor, *The American Journal of Human Genetics (AJHG)* is one of the leading journals in the field of genetics and genomics. Since 1948, *AJHG* has published thousands of research and review articles on human heredity and the application of genetic principles in medicine and public policy.



AJHG Editorial Board

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Friedhelm Hildebrandt, MD
Heidi Rehm, PhD
Ambroise Wonkam, MD, PhD

Impact Factor = 11.043

2021 C.W. Cotterman Awards

In fall 2021, the *AJHG* Editorial Board recognized two trainees who authored articles published in the journal within the previous year that best represent outstanding scientific contributions to the field of human genetics.



Ian Arriaga-MacKenzie, PhD

[Summix: A method for detecting and adjusting for population structure in genetic summary data](#)



Xiaoyan Jia, PhD

[Massively parallel functional testing of MSH2 missense variants conferring Lynch syndrome risk](#)

Human Genetics and Genomics Advances

ASHG's new fully open access journal *Human Genetics and Genomics Advances (HGGA)* allows for the rapid dissemination of cutting-edge, high-impact research across the breadth of human genetics that is immediately accessible to researchers and the science-interested public.



HGGA Editorial Board

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Gosia Trynka, PhD
Frank Tuttleman, MD
Jennifer Wagner, JD, PhD
Nicole Weaver, MD
Joon-Ho Yu MPH, PhD

218 Research Articles Published

1,094 Submissions

16 Reviews & Commentaries Published

ASHG JOURNALS

PUBLICATIONS Continued

ASHG Journals Readership Survey

The Society conducted a [journal readership survey](#) in 2021, receiving nearly 4,500 responses and published a summary of the results within both ASHG journals in June 2022. The key insights gathered from the survey include:

- 1. Value & Importance:** The human genetics research community overwhelmingly expressed that they value both journals and think it important for ASHG to support scientific publishing in the field.
- 2. Open Access:** Respondents, especially those under 30, were very supportive of open access journals, such as *HGGA*. However, there was concern about how open access could increase publishing costs.
- 3. Equity:** A sizable number of respondents from Africa and Latin America noted they believe that ASHG journals did not provide equitable opportunities for publishing. ASHG offers significant discounts to authors from World Bank designated low- and lower-middle income countries.
- 4. Data Sharing:** Respondents expressed overwhelming support for data sharing but remain concerned about what types of data should be shared and the most appropriate venues through which to accomplish this.



Member Newsletters

In addition to our journals, the Society publishes several member e-newsletters that deliver vital information and resources to ASHG members on upcoming events, deadlines, and exciting new advancements in the field. These include the weekly *SNP* and quarterly *Messenger*, quarterly trainee newsletter *The Nascent Transcript*, and specialty newsletters focused on public advocacy and engagement - *Advocate* and *Engage*.

AWARDS

Since 1962, ASHG has honored outstanding member research and professional service through our annual awards.

2021 Awardees



William Allan Award

Recognizes substantial and far-reaching scientific contributions to human genetics

C. Thomas Caskey, MD*

Professor in the Department of Molecular and Human Genetics, Baylor College of Medicine

**We remember Dr. Caskey, who died in 2022, aged 83.*



Victor A. McKusick Leadership Award

Recognizes individuals whose professional achievements have fostered and enriched the development of human genetics as well as its assimilation into the broader context of science, medicine, and health

Wiley Burke, MD, PhD

Professor and former Chair of the Department of Bioethics and Humanities at the University of Washington, Adjunct Professor of Medicine (in the Division of Medical Genetics), and Member of the Fred Hutchinson Cancer Research Center



Curt Stern Award

Recognizes genetics and genomics researchers who have made significant scientific contributions during the past decade

Emmanouil Dermitzakis, PhD

VP and Head of Computational Biology, GlaxoSmithKline (GSK)



Early Career Award

Recognizes the contributions of genetics and genomics scientists in the first ten years of their careers as independent investigators

Cristen J. Willer, PhD

Associate Professor in the Division of Cardiovascular Medicine, University of Michigan Health

AWARDS Continued



Advocacy Award

Recognizes individuals who have exhibited excellence and achievement in application of human genetics for the common good, in areas such as facilitating public awareness of genetics issues, promoting funding for biomedical research, and integrating genetics into health systems

Sharon Terry, MA

*President and CEO of Genetic Alliance, a health advocacy organization
Member of PCORnet's Executive Committee and chair of the Engagement Committee*



Mentorship Award

Recognizes individuals with significant accomplishment as mentors for graduate students, postdoctoral fellows, residents, or clinical fellows

Alberto Santiago-Cornier, MD, PhD

*Chief of the Genetic Section, San Jorge Children's and Women's Hospital
Associate Professor of Public Health at Ponce Health Sciences University and Pediatrics at Universidad Central del Caribe*



Arno Motulsky-Barton Childs Award for Excellence in Human Genetics Education

Recognizes individuals for exceptional contributions to human genetics education

Neil Lamb, PhD

Vice President for Educational Outreach, HudsonAlpha Institute for Biotechnology

Trainee Fellowships & Awards

ASHG and the National Human Genome Research Institute (NHGRI) co-sponsor two fellowships annually to support early-career genetics and genomics professionals with advanced degrees seeking a career transition.

Genetics & Public Policy Fellowship

Designed for those interested in genetics-related health and research policies at a national level. Fellows participate in policy analysis at NHGRI, ASHG, and the U.S. Congress.



Nicole Holm, PhD
2021-2022 Genetics & Public Policy Fellow

Genetics Education & Engagement Fellowship

Designed for those interested in genetics-related public engagement and/or professional development for students to professionals. Fellows participate in projects at NHGRI, ASHG, and a third organization.



Delaney Pagliuso, PhD
2021-2022 Genetics Education & Engagement Fellow

Charles Epstein Trainee Awards for Excellence in Human Genetics Research

The Charles Epstein Trainee Awards honor excellence in research conducted by predoctoral and postdoctoral trainees, recognizing highly competitive abstracts submitted and presented at the ASHG Annual Meeting.

2021 Charles Epstein Trainee Award Finalists

Predoctoral

- Omar El Garwany, MS - *winner*
- Kathleen Reed - *winner*
- Andrea Wilderman, MS - *winner*
- Jana Henck, MS
- Raymond Hughley, MS
- Felix Kyere
- Anusri Pampari, PhD
- Lisa Pavinato, MS
- Grace Png, MS

Postdoctoral

- Tinashe Chikowore, PhD - *winner*
- PamelaSara Head, PhD - *winner*
- John Morris, PhD - *winner*
- Katrina Celis, MD
- Kevin Child, PhD
- Michael Elgart, PhD
- Xiaoyan Jia, PhD
- Gabrielle Lemire, MD
- Ming-Ju Tsai, PhD

LEARNING & Career Development

ASHG offers year-round online access to professional education and career development programs for genetics and genomics professionals across all career stages and interests.

ASHG Learning Center

The [ASHG Learning Center](#) provides access to all ASHG digital programs including live and on-demand webinars, interactive workshops, podcasts, and annual meeting content. A two-year grant from the Illumina Corporate Foundation has enabled and supported the growth of ASHG online education programming.

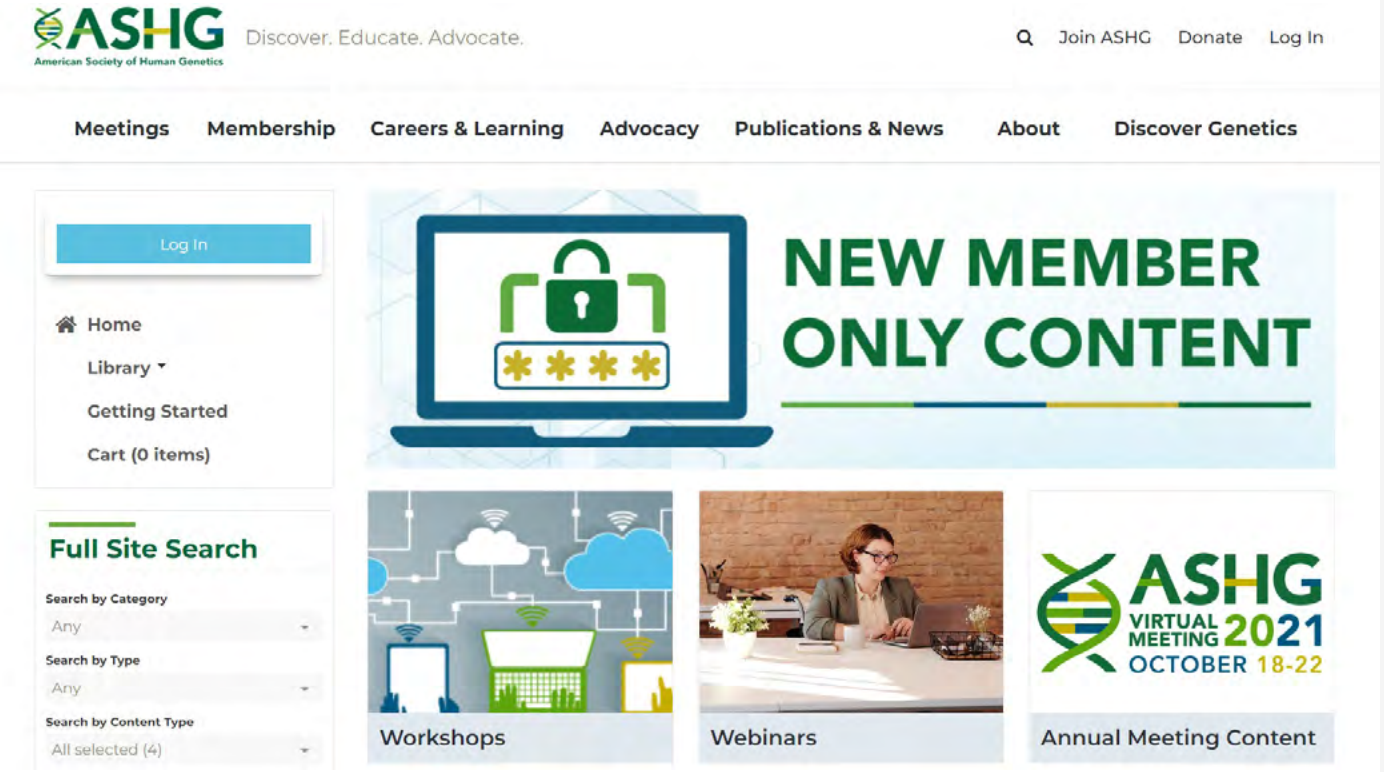
Webinars, Journal Clubs, & Workshops

ASHG organized 21 webinars, online journal clubs, and interactive workshops this past year with topic areas ranging from scientific research and career development to public engagement and advocacy. These events provided our members and the larger genetics community with the opportunity to connect and learn about the newest research in the field despite a pandemic that has continued to hamper meeting in-person.



Genetics and Genomics Career Accelerator

ASHG launched the [Genetics and Genomics Career Accelerator](#), a members-only resource to help members explore careers in genetics and genomics and provide helpful advice for the career search, interview, and negotiation process. The toolkit includes hundreds of resources, organized by career stage, sector, job family, and topic.



ASHG Podcast Series

During its second season, ASHG's Genetically Speaking podcast showcased ASHG members of various career stages discussing how they worked together with a close collaborator on a recent journal paper. ASHG also launched a new podcast, the Trainee Paper Spotlight podcast, as a compliment to the written Trainee Paper Spotlight (TPS) series that has been an ASHG staple for years. New episodes are released on a rolling basis along with the TPS written interviews. In addition to being available through the ASHG Learning Center, the series is now available on Spotify and iTunes.

• **2,660**
• Registrants

• **13**
• Webinars

• **8**
• Workshops

• **15**
• Podcast Episodes

DIVERSITY, EQUITY, & Inclusion

ASHG is committed to advancing diversity, equity, and inclusion within the genetics and genomics workforce and meaningful engagement of underrepresented groups as participants in genetics and genomics research. It is both a societal and scientific imperative.

Facing Our History – Building an Equitable Future Initiative

ASHG launched a major year-long initiative to acknowledge and reckon with a history of past injustice, as well as progress toward justice, in the human genetics research field and the Society. An expert panel composed of leading human geneticists, historians, clinician-scientists, social scientists, and equity scholars undertook the initiative and, in the latter half of 2022, will convene a wide range of dialogues and produce a report of key findings and insights for equity-centered action.

Impact Partnerships for Equity in Genetics and Genomics

Knowing that collective effort is required to ensure all people benefit from genetics and genomics research, ASHG launched the Impact Partnerships for Equity in Genetics and Genomics Research in January 2022. Illumina and Invitae have joined as founding partners demonstrating their shared commitment to advancing DEI in human genetics and genomics.

Through their financial contributions, Impact Partners support the ASHG Fund for Equity in Genetics and Genomics Research, which helps the Society to design innovative programs with demonstrable impacts on DEI, enhance capacity to expand DEI efforts in future years, and sustain DEI programs and initiatives. ASHG and Impact Partners will meet periodically to share knowledge and experiences and learn about effective DEI strategies that institutions and individual researchers can implement to advance more inclusive and equitable workforces and research study populations.



“The opportunity to apply human genetics and genomics research to build a more equitable world is urgent and ASHG is grateful for Illumina’s and Invitae’s support to help drive progress forward.”

— Charles Rotimi, PhD, ASHG President

Human Genetics Scholars Initiative

Made possible with continued foundational support from NHGRI and Biogen along with annual support from GSK, Merck & Co., and Roche, the Human Genetics Scholars Initiative (HGSi) supports the professional success of diverse early-career genetics and genomics researchers by providing them with year-round education, networking, and mentoring while also working to develop a community of researchers and leaders committed to diversity and inclusion at their institutions and in their training programs.

2021-2023 Human Genetics Scholars



C. Eduardo Guerra Amorim, PhD
Assistant Professor
California State University Northridge



Juan Del Toro, PhD
Research Associate
University of Pittsburgh



Ky’Era Actkins, BS
PhD Candidate
Meharry Medical College



Nathan Nakatskua, PhD
MD/PhD Student
Harvard Medical School



Lesley Chapman Hannah, PhD
Postdoctoral Fellow
National Cancer Institute/NIH



Ricardo HARRIPaul, PhD
Research Fellow
Massachusetts General Hospital/Harvard Medical School



Gretchen Johnson, MS, MA
PhD Candidate
Howard University



Calandra Whitted, DrPH
Postdoctoral Fellow
National Human Genome Research Institute/NIH

ADVOCACY & Policy

ASHG, through its leadership and member advocates, speaks out on behalf of the human genetics and genomics community – writing perspectives on the implications of genetics and genomics discoveries; calling for Congress to invest in research; and promoting evidence-based policies that benefit science, personal and public health, and society at large.

Perspective: The Importance of Universal Ethical Standards

AJHG Perspectives offer timely, concise Society perspectives prioritized by the Board of Directors on topics in research, health, and society. In response to allegations of involuntary, uninformed consent to genetics research participation in regions around the world, ASHG published a perspective in *AJHG* in June 2022 articulating expectations that scientists worldwide must abide by long-standing and universal ethical standards for biomedical research that respect and protect research participants. The Society also affirmed updates to ASHG ethics policies and practices around submission requirements to Society journals and meetings.

Statements

The Society strives to ensure that the public and policymakers understand the value and potential of human genetics research to benefit people everywhere. To that end, ASHG issues statements that consider, develop, and support policies that enable research progress, improve personal and public health, and thoughtfully consider how genetic information is used in society.

ASHG Statement Regarding the Warping of Genetic Knowledge to Feed Racist Ideology

In response to the recent tragedies across the nation, ASHG President Charles Rotimi, PhD, expressed the Society's deep sorrow and outrage and reasserted the human genetics community's rejection of any attempt to misuse genetics knowledge to promote discriminatory ideologies.

Statement Re: Supreme Court Decision on *Dobbs v. Jackson Women's Health Organization*

In a joint statement, ASHG, the American College of Medical Genetics and Genomics (ACMG), and National Society for Genetic Counselors (NSGC) affirmed their shared beliefs that all pregnant people deserve care, including access to abortion, based on scientific and clinical evidence and their personal choices. The societies expressed a collective opposition to laws that prevent families from making informed reproductive choices, or that seek to prevent or criminalize healthcare professionals who inform patients of scientific knowledge or reproductive options.



Capitol Hill Day

On May 11, 2022, ASHG hosted its second Capitol Hill Day. This event brought together 21 ASHG member advocates from the ASHG Board of Directors, the Government and Public Advocacy Committee (GPAC), and ACGT trainees to meet with congressional offices about the value and progress of human genetics and genomics research. The advocates called upon members of Congress to support robust NIH funding, efforts to diversify participation in human genetics research, and responsible, broad data-sharing.



Sofia Horan (ACGT member), ASHG CEO Mona Miller, Kristen Lancaster, MD (ACGT member), ASHG President Elect Brendan Lee, MD, PhD, Yvonne Bombard, PhD (ASHG Board), Chanika Phornphutkul, MD (GPAC Member), with Rep. Rosa DeLauro's staff

ADVOCACY & POLICY Continued

Advocacy Certificate for Human Genetics and Genomics Trainees

The Society provides opportunities and resources to support members in engaging with policymakers through the ASHG Advocates network and the Advocacy Center. Building on these successes, ASHG launched a new program, the Advocacy Certificate for Human Genetics and Genomics Trainees (ACGT) to provide trainees with an introduction to the world of science policy and advocacy and help them build their professional skills. The first class of ACGT trainees and other ASHG advocates attended Capitol Hill Day in May 2022.

2022 ACGT Members



Yusra Aziz

*Genetic Counseling Student
University of Texas MD Anderson*



Rene Begay, MS

*Professional Research Assistant
Centers for American Indian and
Alaska Native Health
University of Colorado School of Public Health*



Grace Calfee

*Health Sciences Student
Cleveland State University*



Christina Del Greco

*PhD Candidate
University of Michigan Department
of Human Genetics*



Kimberlyn Ellis

*PhD Student
Vanderbilt University Medical Center*



Azra Frkatovic

*PhD Student & Early Stage Researcher
University of Zagreb, Croatia & Genos*



Sophia Horan

*Genetic Counseling Student
Sarah Lawrence College*



Kristen Lancaster, M.D.

*Clinical Fellow
Medical Genetics and Genomics at the
University of North Carolina at Chapel Hill*



John Morris, PhD

*Postdoctoral Fellow
New York Genome Center
and New York University*



Kenny Westerman, PhD

*Research Fellow
Massachusetts General Hospital
and Harvard Medical School*

PUBLIC Engagement

ASHG actively engages the public in learning more about their genomes, gaining a new appreciation of humanity’s diversity and our shared genetic heritage as a single species, and exploring the benefits and implications of genetics and genomics for society-at-large.

DNA Day Essay Contest

Each year ASHG works to spark excitement and learning among the next generation of genetics professionals and foster greater public awareness through our annual DNA Day Essay Contest. In 2022, the Society received about 700 submissions from 30 states and around 35 countries. The question for the 2022 annual contest addressed how the study of Mendelian disorders helps us understand complex diseases.

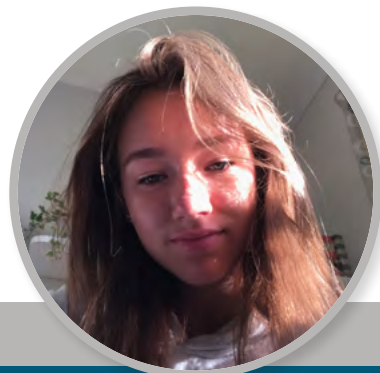
Additional DNA Day celebrations included a video on ASHG’s Tik Tok channel; a social media campaign; a fact sheet about dominant and recessive genes; a discussion panel on the Ask Science Reddit page; and a document with advice for members on hosting a lab tour.

2022 DNA Day Essay Contest Winners



1ST PLACE

Man Tak Mindy Shie,
Grade 12
Teacher:
Dr. Siew Hwey Alice Tan
School:
Singapore International
School
Location:
Hong Kong, China



2ND PLACE

Gillian Wells,
Grade 11
Teacher:
Mrs. Rebecca Hodgson
School:
Ulverston Victoria
High School
Location:
Ulverston, England, UK



3RD PLACE

Yiyang Zhang,
Grade 11
Teacher:
Dr. Qiongyu Zeng
School:
Shanghai High School
International Division
Location:
Shanghai, China

Webinar: Translating Research for Public Audiences

ASHG hosted a webinar in April 2022 addressing how to translate scientific research for public audiences. The webinar identified common obstacles when sharing research with public audiences and provided resources to navigate obstacles connecting this work with the benefits to scientists and the public. Public Education and Awareness Committee Chair Kenneth Ramos, MD, PhD moderated the session with panelists Michael Bauer, PhD and Arvind Kothandaraman, MA, providing their perspectives.

Discover Genetics

ASHG’s public facing website, [Discover Genetics](#), added new resources in FY 2022, including:

- ▶ Fact sheets on explaining the scientific method and dominant and recessive traits.
- ▶ Curated content from partner groups with robust educational resources, such as the National Human Genome Research Institute and the Jackson Laboratory.

Social Media

ASHG launched an official TikTok page in 2022 to broaden our public outreach efforts. This account builds upon existing Society channels to expand our reach and garner added interest from younger audiences in ASHG programming, resources, and membership. Videos to this point have addressed DNA Day and the ASHG Annual Meeting.



FINANCES

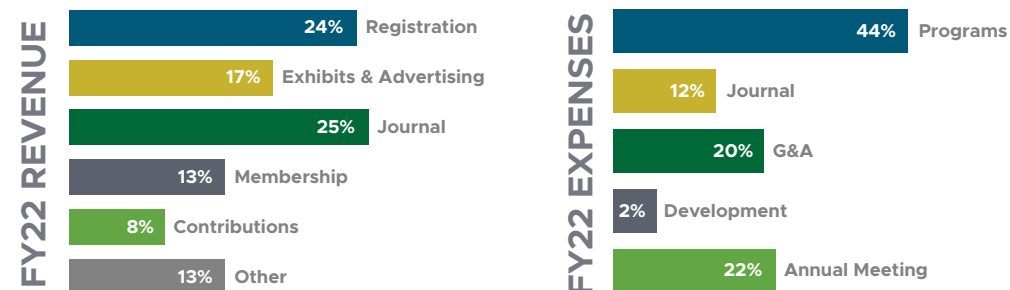
ASHG's long-term financial health remained sound in the fiscal year ended June 30, 2022 despite the continued impact of the COVID-19 pandemic. The Board of Directors has continued to invest in exceptional programs and services for members during this acute period of need, and ASHG's financial strength has provided resilience to weather significant swings in both revenue and expense over a multi-year period. Contributing factors to FY22 performance included a successful application for U.S. federal pandemic business relief; successful events and attentive expense management by ASHG leadership; and continued support of committed members, donors, and funders. Preliminary financial results are presented here with audited statements available online later this year.

FY22 Performance

Operations: FY22 operating revenue totaled \$6.2 million and operating expenses were \$6.8 million, producing an operating loss of \$600k (excluding expenses of \$265k in strategic investments and investment losses), an improvement over a budgeted loss of \$1.5 million. Expenses exceeded revenue due to sustained support for programmatic and staff work in professional education; a second virtual Annual Meeting; expansion of diversity, equity and inclusion (DEI) programs; advocacy and outreach; and ASHG journals, as well as administration and technology investment to support vital infrastructure. The Society also gratefully accepted valued individual donations from members and secured several large grants and contributions to support digital programs and DEI initiatives. As FY21 resulted in a significant net gain due to receipts of an insurance payment and previous federal pandemic relief, the Society realized a small net surplus over the two-year period.

Reserve Portfolio: The Society's investments remain conservatively and prudently invested for both long-term performance and protection of the Society. Nonetheless, as expected, the portfolio reflected the market's steep decline, reporting a twelve-month portfolio loss of approximately \$2.2 million for a reserve total of \$19 million at year end.

Strategic Investments: ASHG's reserve portfolio provided the opportunity to reinvest further in select programs and services. The Board authorized use of up to 4% of the reserve value annually to support strategic initiatives. In FY 2022, these investments included additional support for ASHG's DEI programs, a new advocacy training program, and investment in broader awareness of ASHG journals.

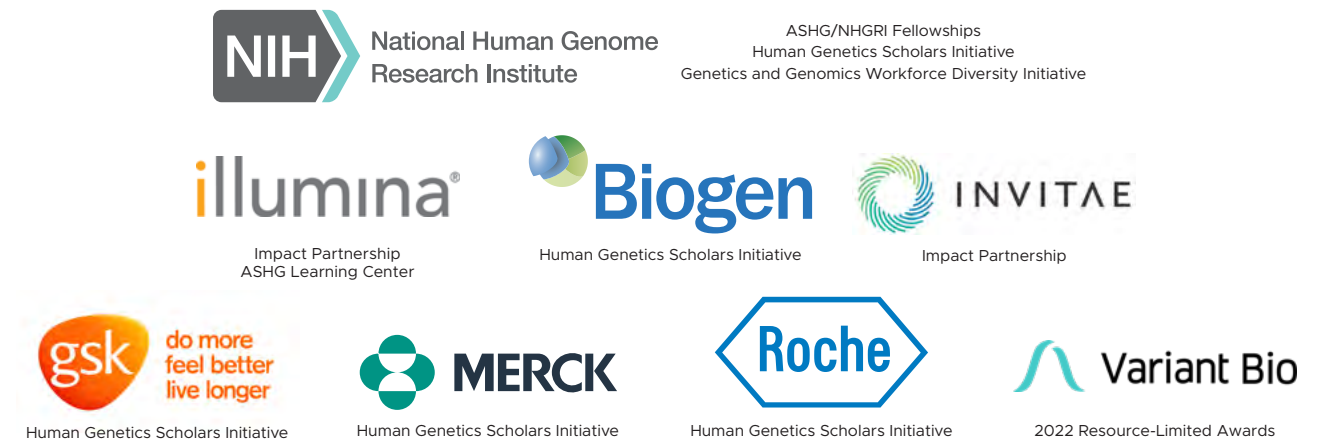


PARTNERS

ASHG partners with numerous organizations and government agencies to fund and collaborate on programs and initiatives advancing our collective vision that people everywhere realize the benefits of human genetics and genomics research.

Grants & Sponsorships

Thank you to those organizations who joined in support of programs and initiatives that benefit the human genetics and genomics research community through their generous financial and volunteer contributions.



Collaborations

The Society collaborates with multiple other nonprofit and governmental organizations to pursue policies and programs that advance scientific research.

- Ad Hoc Group for Medical Research
- American Association for the Advancement of Science
- American Board of Medical Genetics and Genomics
- American College of Medical Genetics and Genomics
- Annual Biomedical Research Conference for Minority Students
- Association of Professors of Human and Medical Genetics
- European Society of Human Genetics
- Federation of American Societies of Experimental Biology
- International Federation of Human Genetics Societies
- Minority Genetic Professionals Network
- National Human Genome Research Institute
- National Science Teachers Association
- National Society of Genetic Counselors
- Research!America
- Society for Advancement of Chicanos/Hispanics and Native Americans in Science
- U.S. National Academies of Science, Engineering, and Medicine

DONORS

Our donors make a huge impact on the human genetics and genomics community and society at large. Thank you for all you do for the Society and the community. The individuals listed below made charitable gifts between July 1, 2021, and June 30, 2022.

Atif Ahmed, MD
 Ahmad Alaqeel
 Hitha Amin MD
 Anonymous
 Laura Arbour, MD, MS
 Joan Bailey-Wilson, PhD
 Jaime Berumen, MD, PhD
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