



Add-On/Ticketed Event Info

Tickets may be purchased in registration

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Workshops and Courses

Assessing Genetic Variants for Antisense Oligonucleotide Therapy Amenability: Practical Training Workshop and Discussion

Tuesday, October 14: 10:00 am – 12:00 pm

Pricing: \$40 ASHG member, \$55 nonmember. Advance ticket purchase required to attend.

Includes: Entrance to the workshop & access to the OnDemand recording.

Speakers: Marlen Lauffer, David Cheerie

Join us for an interactive workshop on evaluating disease-causing DNA variants for their eligibility for antisense oligonucleotide (ASO) therapies. Gain hands-on experience with the newly developed N1C VARIANT guidelines, an international consensus framework for assessing a variant's ASO-amenability. Through live variant assessments, participants will learn how to apply these guidelines in clinical and research settings, equipping them with the knowledge and tools to implement their own ASO-amenability screening programs.

The Human Pangenome: Data, Tools, and Workflows

Tuesday, October 14: 10:00 am – 12:00 pm

Pricing: \$40 ASHG member, \$55 nonmember. Advance ticket purchase required to attend.

Includes: Entrance to the workshop & access to the OnDemand recording.

Speakers: Heather Lawson, Benedict Paten, Karen Miga, Eimear Kenny, Tina Lindsay

This workshop will introduce participants to the new Human Pangenome Reference, how samples were chosen to maximize variation, and the technologies used to build the

pangenome. After completing the workshop, attendees will have learned how to access HPRC data and resources, as well as the technologies and methods used to construct pangenome graphs. Participants will be able to conduct variant analyses using the pangenome and utilize tools for mapping their own short- and long-read data to the pangenome.

Nextflow Run: Getting Started with Nextflow for Bioinformatics

Tuesday, October 14: 10:00 am – 12:00 pm

Pricing: \$40 ASHG member, \$55 nonmember. Advance ticket purchase required to attend.

Includes: Entrance to the workshop & access to the OnDemand recording.

Speakers: Geraldine Van der Auwera

Nextflow is a powerful and flexible open-source workflow management system that simplifies the development, execution, and scalability of data-driven computational pipelines. This workshop is intended as a “getting started” course for students and early-career researchers who are completely new to bioinformatics workflows. Participants will be guided through hands-on, goal-oriented exercises that will allow them to learn the necessary skills for using workflows effectively in their research.

The Michigan Imputation Server: Data Preparation, Genotype Imputation, and Data Analysis

Tuesday, October 14: 2:00 pm – 4:00 pm

Pricing: \$40 ASHG member, \$55 nonmember. Advance ticket purchase required to attend.

Includes: Entrance to the workshop & access to the OnDemand recording.

Speakers: Christian Fuchsberger

Genotype imputation is a key component of modern genetic association studies. The Michigan Imputation Server (MIS) has helped >13,000 researchers from around the world impute >110 million genomes. This workshop is designed for anyone interested in learning how to impute genotypes and how to use the imputed genotypes, avoiding common pitfalls. We encourage participants to ask specific questions about their own projects. We expect that this workshop will enable participants to generate high-quality imputed data and to effectively analyze them.

Pathway Analysis for All: Hands-On Training with Reactome

Tuesday, October 14: 2:00 pm – 4:00 pm

Pricing: \$40 ASHG member, \$55 nonmember. Advance ticket purchase required to attend.

Includes: Entrance to the workshop & access to the OnDemand recording.

Speakers: Nancy Li

Reactome is a curated, peer-reviewed knowledge base, offering high-quality pathway annotations across physiological and pathological processes. This workshop will provide a hands-on introduction to the Reactome pathway database and its suite of analysis tools. Through a combination of short, guided presentations and interactive exercises, participants will gain practical skills in pathway analysis, develop confidence in using Reactome’s tools, and explore how AI-driven support can enhance their research experience.

Luncheons

For add-on events with catering, ASHG makes every effort to provide gluten-free, dairy-free, nut-free, vegetarian, & vegan options at these events but our catering partners cannot guarantee their availability and cannot ensure no cross contamination of allergens takes place.

Starting a Lab: Then vs Now, A Panel Event

Wednesday, October 15: 11:45 am – 1:15 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes a boxed lunch.

Speakers: To be announced

The paradox of being an independent principal investigator is that you are not hired based on the needs of this role but based on your postdoctoral accomplishments. While it makes sense to put science first, our training often does not reflect the challenges we face in an independent role. Personnel management, budgeting, time management, the myriad service requests, and the ever-important writing of grants and acquisition of external money: these are all critical parts of being an independent leader of a laboratory and member of an academic faculty. Moreover, the starting itself has many challenges, and advice is often easy to get by but tinted with hindsight and ascertainment biases. The goal of this panel is to bring together junior faculty that are currently or have recently undergone this challenge and mentors of such faculty to provide perspective, insights into challenges that might not be obvious when one starts this process, and highlight strategies to tackle this exciting challenge.

Lessons from the Field: A Dialogue on Promoting Inclusivity in Human Genetics and Genomics

Wednesday, October 15: 11:45 am – 1:15 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes a boxed lunch.

Speakers: Shoumita Dasgupta

Efforts to protect values such as inclusion, fairness, or diversity are faced with unprecedented pressures and challenges throughout the scientific enterprise and across career stages. The Diversity, Equity, Inclusion, and Accessibility Luncheon will provide an engaging session where participants can interact and learn strategies for allyship, community support, and advocacy.

Shoumita Dasgupta, PhD — a geneticist, professor, author, and educator — will be the keynote speaker. She will facilitate empowering conversations on how together we can shape inclusive access to opportunities for everyone. This is a ticketed event and all are welcome.

Career Development Topics: A Networking Event

Thursday, October 16: 11:45 am – 1:15 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes a boxed lunch.

Speakers: To be announced

Connect with other genetics and genomics professionals in small group discussions at this informal networking event. Discussions will revolve around a range of topics including career transitions, career skills/leadership skills, building community/networking, careers in genetics, and so much more. During the event, attendees will have the opportunity to rotate among the tables to discuss the topics that are of interest to them. Geneticists and genomicists of all career stages are encouraged to attend. Find your next colleague, collaborator, or friend!

Applications of Population Descriptors in Genomics Research

Friday, October 17: 11:45 am – 1:15 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes a boxed lunch.

Speakers: To be announced

Join us for ASHG's Professional Practice and Social Implications (PPSI) committee-led discussion on the ethical use of population descriptors in human genetics and genomics research. Panelists will discuss appropriate usage of legacy data sets, the international movement toward harmonizing population descriptor standards, and how and why to use population descriptors in genomics research. There will also be time for audience engagement and interactive case studies, where participants can further engage with the many considerations that arise with using population descriptors.

Behind-the-Scenes: ASHG Publications Workshop

Friday, October 17: 11:45 am – 1:15 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes a boxed lunch.

Speakers: Michael Bamshad

This workshop will provide you with information to help navigate the scientific publication process. Journal editors will give you a behind scenes view of scientific publishing through a series of small group discussions. Come prepared to ask questions and network with editors from leading genetics and genomics journals. This session is geared towards trainees and junior faculty who are relatively new to publishing.

Receptions

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Trainee Reception (open to trainee and early career attendees only)

Tuesday, October 14: 7:00 pm – 8:30 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes appetizers and one drink ticket (beer, wine, and soft drinks only).

The Trainee Reception is where trainees can meet their peers and the Career Development Committee members in person and enjoy a fun, relaxed atmosphere. This informal and interactive event is perfect for making new friends, meeting potential collaborators, and fostering valuable connections.

Diversity, Equity, Inclusion, and Accessibility Reception

Wednesday, October 15: 7:00 pm – 8:00 pm

Pricing: \$45 ASHG member, \$60 nonmember. Advance ticket purchase required to attend.

Includes appetizers and one drink ticket (beer, wine, and soft drinks only).

This event offers an occasion to celebrate together the importance of diversity, equity, inclusion, and accessibility in human genetics and genomics. The reception will feature remarks from key ASHG leaders as well as provide networking opportunities for the research and training community.

Continuing Education Credits

	EARLY (Through Aug 6 at 5pm ET)	ADVANCE (Aug 6 – Sept 9 at 5pm ET)	LATE / ONSITE (Starting Sept 9 at 5pm)
Continuing Medical Education (CME) for Physicians	\$85	\$105	\$125
Continuing Education Units (CEUs) for Genetic Counselors	\$85	\$105	\$125
ASCLS P.A.C.E.® Contact Hours for Clinical Laboratory Professionals*	\$0	\$0	\$0

*Attendees can earn continuing education contact hours for California Licensed Clinical and Molecular Laboratory Directors (P.A.C.E.®) at no additional cost, however, an additional form must be completed during the registration process and valid P.A.C.E.® license information must be provided.