

Submission: 18067

Frederick Boehm

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Page: 2025 Committee Nomination Form
All applicants/nominees and nominators must be current ASHG members (https://www.ashg.org/membership/join-or-renew/).
Please indicate the applicant/nominee's career stage, then indicate on which committee they are interested in serving. There will be the opportunity to indicate secondary interest in additional ASHG committees later in the application. Trainee (graduate, postdoc, resident, clinical fellow, or undergraduate) > Program Committee
Candidate's Name Frederick Boehm
Candidate's Institution/Organization University of Michigan
Candidate's Email frederick.boehm@gmail.com
Candidate's highest degree earned PhD
ASHG Experience no volunteer experience with ASHG (yet), but extensive volunteer activities with Genetics Society of America.
Other Experience Participant, ENAR Fostering diversity in Biostatistics Virtual Workshop, 2020 Associate editor, Journal of Open Source Software, 2020-present Member, Genetics Society of America's Early Career Scientists Leadership Training Program, 2020-22 Trainee, Genetics Society of America's Peer Review Program, 2018-20 Participant, American Statistical Association's Workshop on Communicating with the Media and the Public, 2016 Coach, Westborough (Massachusetts) Mathcounts Team, 2020-22 Member, Graduate School Vilas Travel Grant Review Committee, 2012 Member, Graduate Student Peer Mentor Award Review Committee, 2013 Moderator, Undergraduate Research Symposium, 2012 & 2013 Submitted Manuscripts Peer Reviewer, 2019-present Statistical genetics research, 2007-present. Authored journal articles in both human and model organism genetics & statistics. Wrote influential review article (in 2022 on statistical methods for mendelian randomization). Demonstrated initiatives to work with and to support underprivileged people in my communities (Salvation Army homeless shelter, Cub Scouts leader, and outreach activities with immigrant communities) Demonstrated ability to produce impactful research across disciplinary boundaries.
Please attach a PDF of the nominee/applicant's CV or NIH Biosketch. Download File (https://apply.ashg.org/file/31133/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjozMTEzMjYwYXsb3dOb3RTaWduZWRVcmwiOiJGYWxzZSI6boehm-quarto-cv.pdf)
Please indicate the candidate's area(s) of expertise. statistical genetics; genetic epidemiology; complex traits; statistics education; translational bioinformatics
Are you applying for a position yourself or nominating a colleague? Applying for a position
Are you a current ASHG member? Yes
Reference FullName: Gavin Rice Email: GRR24@pitt.edu

Please describe why you are interested in serving on this committee.

I have three reasons for wanting to serve on the Program committee.

1. To contribute to the planning and programming for the annual meetings.
2. To access professional development opportunities.
3. To make the society (and its meetings) more welcoming to all human geneticists.

I wish to take steps to ensure that the annual ASHG meeting is a resource for trainees. I also want to ensure that scientists in the ever-growing field of human genetics research feel welcomed and supported at the annual meeting and in the society at all times.

I'll get new perspectives on the details of planning a scientific meeting. I'll also get to work with extremely talented scientists. Working with them in the Program Committee's activities would also give me a chance to build enduring professional relationships.

I have experience in making classroom instruction settings welcoming to students, and I want to translate these skills to meeting planning.

For abstract review, which abstract topics best align with your area(s) of expertise?

Complex Traits and Polygenic Disorders I: Cardiovascular disease and lipid phenotypes, Statistical Genetics and Genetic Epidemiology I: Novel methods and approaches, Statistical Genetics and Genetic Epidemiology II: Application to specific phenotypes

Please affirm that you can commit to the time required for this committee for the next three years (15-20 hrs in January-March; 25-30 hrs in June-July plus attendance at 2-day meeting in July; attendance at Annual Meeting; otherwise, 1-2 hrs/month).

Yes

Please affirm that you are not an employee or owner of an ineligible company*. As a provider of Continuing Medical Education (CME), ASHG implements activities in accordance with ACCME® Policies. These require that Program Committee members are not employees or owners of an ineligible company.

Confirm

Have you had a significant role in a committee before (ASHG or other)? If yes, please describe your experience.

Genetics Society of America's Early Career Scientist Community and Membership Engagement Subcommittee, February 2020 to January 2022.

I served as a subcommittee member for two years. During that period, we had monthly online zoom meetings. I collaborated with fellow subcommittee members to plan, implement, advertise, and moderate a monthly online seminar series that featured trainee speakers.

I also participated in many professional development activities through the GSA. One highlight was a 6-week course in Leadership and Management in Action Program (https://drive.google.com/file/d/1xp9-gjLDxlrPtHyF4FqTf9_q0-aL47av/view?usp=sharing) from Molly Grisham and colleagues.

The course provided many opportunities to reflect, verbally and in writing, on my experiences with leadership. Doing so gave me an opportunity to identify approaches and activities that I want to develop as I grow as a leader in scientific research.

ASHG currently programs more than 2,500 poster presentations during the Annual Meeting. How do you think the current format for the poster sessions could be improved in terms of interactivity and the ability of presenters and attendees with similar interests to connect?

I love that there are so many opportunities for researchers to share their work. One question that I want to address is "How can we encourage participation in the annual meeting by people who don't have the financial resources to travel?" During the shutdown phases of the Covid19 pandemic, some professional meetings experimented with online presentation formats. While further assessment of these approaches is needed, I am frustrated that some scientific meetings have not continued to offer online participation opportunities. Given that there are thousands of in-person poster presentations at the annual meeting, perhaps it would be possible to invite some or all of the poster presenters to create online resources for scientists who can't attend the meeting in person. These might include: a short video describing the poster content. With appropriate infrastructure, the ASHG could host these videos, along with the electronic posters, on a website.

What new trainee activities, programs, or practices could be instituted at the Annual Meeting that would benefit the trainee membership?

In addition to efforts to share posters and other materials online, I'd like to see the ASHG adopt structured networking activities that involve trainees. Some of them could also involve more senior scientists. It could be something as simple as reserving a collection of picnic tables at the meeting venue and offering participants free coffee or water. Perhaps assigning research topics to different tables would be useful. And, to provide structure to the conversations, we might provide papers with printed lists of questions to guide conversations. For me, professional connections are one of the highlights of meeting attendance.

Is there another ASHG committee you are interested in?

Career Development Committee

What categories describe you? Select all that apply.

European Origin or Descent (for example: European American, English, French, German, Irish, Italian, Polish, Spanish, White, etc.)

Please indicate your gender. (optional)

Man

