



Results of the 2022

SPR Student Survey

*Organized by the Committee to Promote Student Interests
Student Survey Subcommittee*

Acknowledgements

Thank you to the 83 student members who filled out the 2022 Student Survey!

Thank you to the Board of SPR for commissioning the student survey, for providing feedback on the survey during its design, and for allocating funds to incentivize students to fill out the survey (by providing membership fee waivers to 5 lucky winners)!

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Summary Statement

The majority of participants were satisfied with the 2022 Annual Meeting. Satisfaction was marginally higher for in-person compared to virtual attendees. During the annual meeting, the majority of participants networked with peers and full-members who they did not know previously. However, many participants believed that there were not enough opportunities to network with others and yearned for more structured ways to connect. Only a small number of participants attended one of the pre-conference workshops (for a variety of reasons, including timing and cost). Of those who attended, all had fantastic experiences and felt that the workshops were informative and engaging. Participants felt that oral presentations (e.g., symposia, addresses, etc.) were interesting, easy to understand, and relevant to their research. Evidently, though, many participants wanted to see a greater diversity in topics; they believed that the meeting focused too much on EEG research and largely ignored other psychophysiological methods.

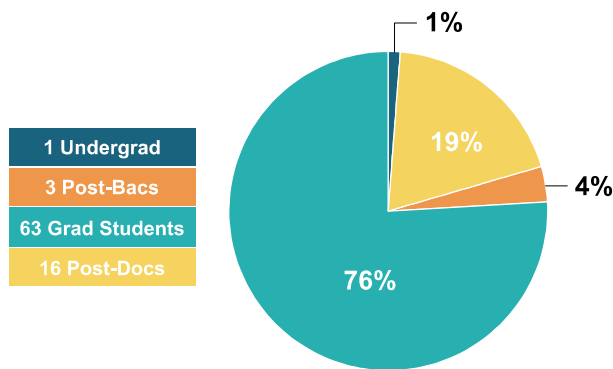
Results of the survey revealed that participants had many comments about the cost of attending the 2022 Annual Meeting, whether or not they attended. Many participants felt financially burdened by the cost of attending and want SPR, in the future, to increase accessibility by reducing student fees or finding other ways to reduce costs (e.g., by increasing transparency of the timeline of travel awards, when food would be provided by the conference, etc.). Given that participants' satisfaction scores were higher for in-person attendees, it is critical that SPR addresses the high cost of attending the annual meeting to ensure an equitable experience for all student members. SPR's current monetary amount for travel awards seems to align well with how much participants believed travel awards should be worth. Participants would like greater transparency regarding the timeline for awards though (e.g., date when award announcements would be made so participants can better plan ahead). Less than half of participants attended the Diversity Symposium at the 2022 Annual Meeting, and for the most part, they were satisfied with the presentations. The majority of participants believed that SPR is living up to its stated values regarding diversity and inclusivity. Lastly, participants listed training needs, and many suggested "jobs in industry" as a critical training need.

The remainder of this document details the results of the survey. Summary statements were created from free-response options for each category of questions

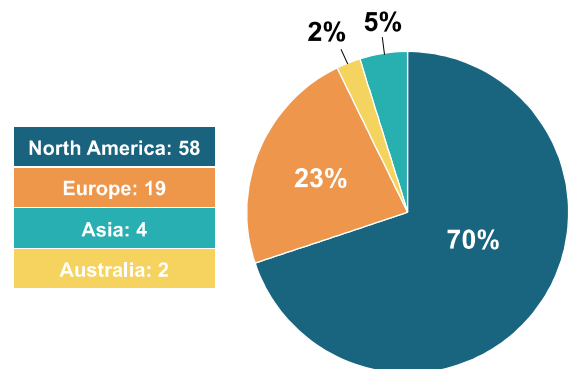
Participant Demographics

83 of 351 (24%) student members completed the survey. Student members include undergrads, post-bacs (e.g., research assistant, research coordinator, lab manager, or similar position), grad students, and post-docs.

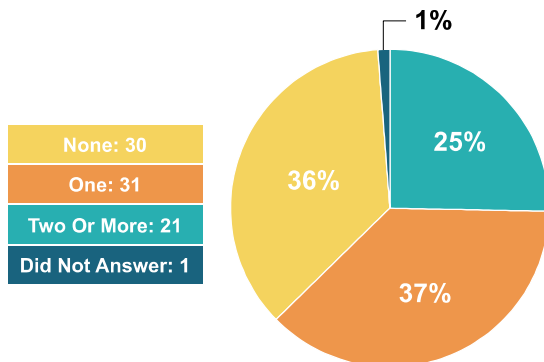
Most participants were grad students...



and from North America.



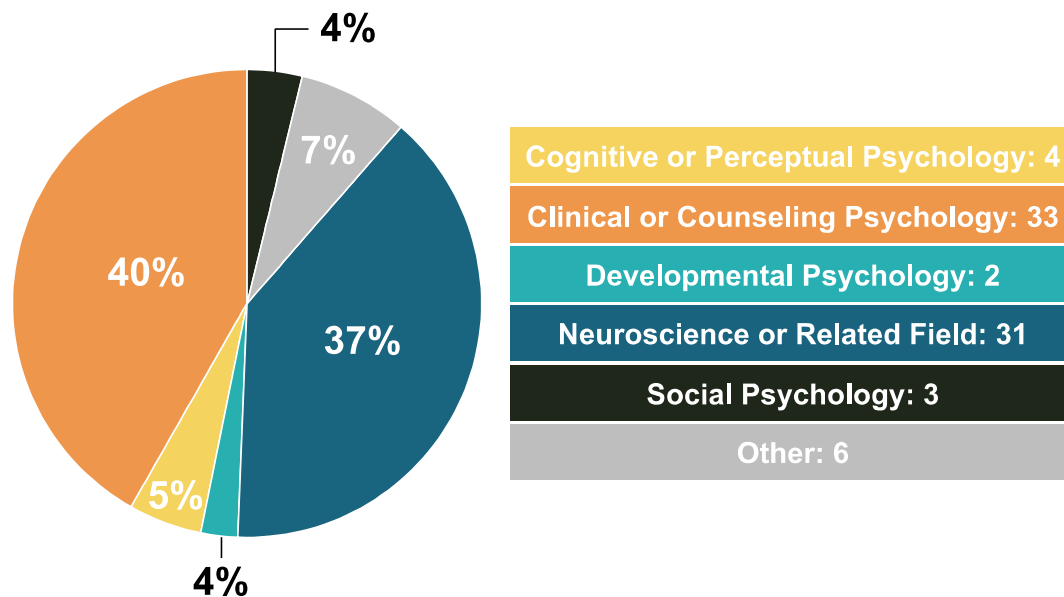
Approx. 2/3rd identified as having at least 1 underrepresented identity.



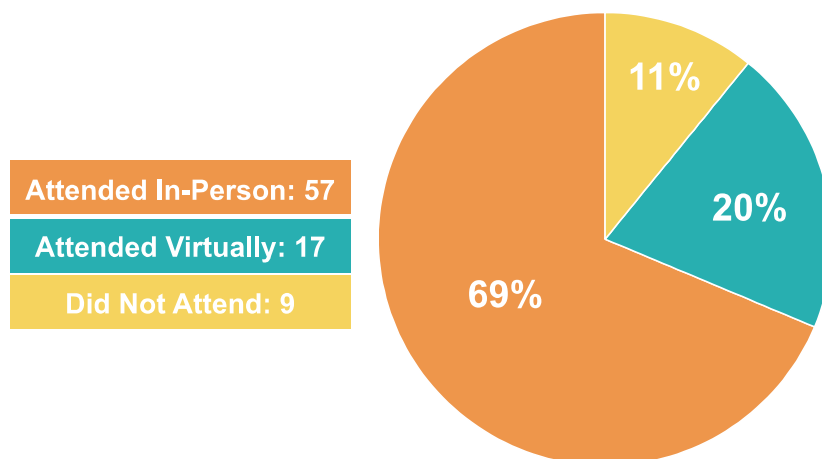
Underrepresented identities surveyed were:

- First-Generation College Student → 26 participants
- Low-Income Family Background → 20 participants
- LGBTQIA+ → 18 participants
- Black, Indigenous, Person of Color (BIPOC) → 11 participants
- Disability → 6 participants
- None of the Above → 30 participants
- Other → 4 participants
- Did Not Answer → 1 participant

Most participants were working toward or recently completed degrees in clinical psychology or neuroscience.



Most participants attended the 2022 Annual Meeting In-Person.

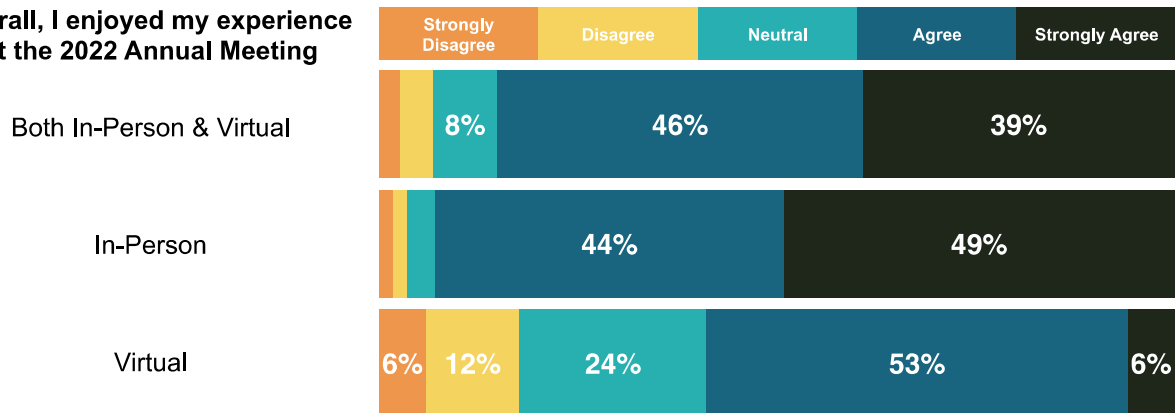


67% of participants who did not attend and **53%** of participants who attended virtually cited **cost** reasons for not attending in-person.

12% of participants gave a talk or oral presentation (e.g., flash talk or symposium) and **84%** of participants presented a poster.

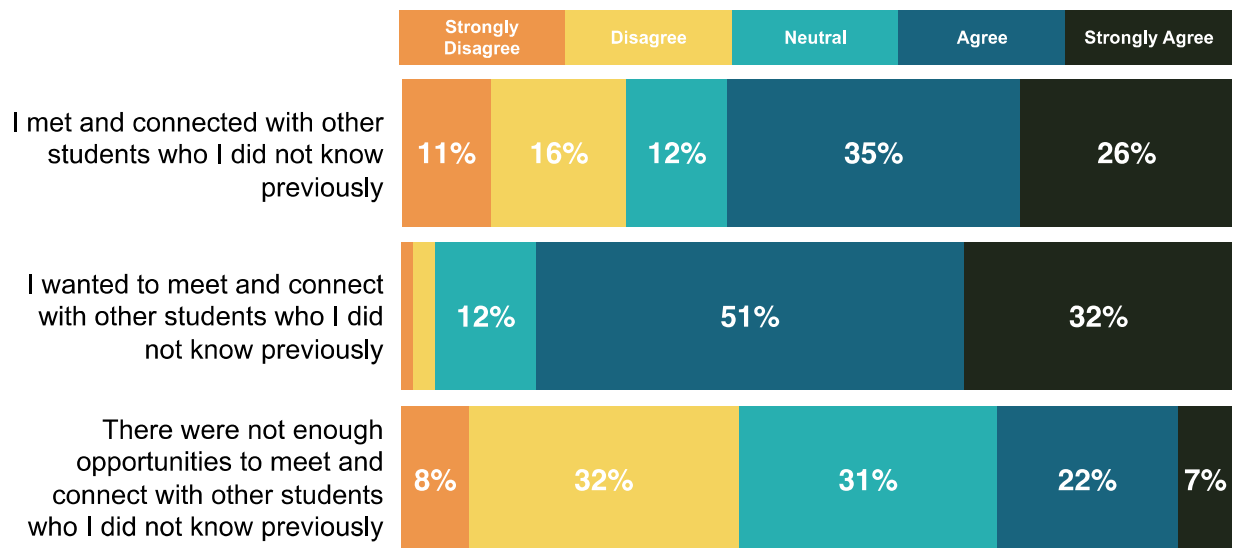
Satisfaction with the 2022 Annual Meeting

Overall, I enjoyed my experience at the 2022 Annual Meeting



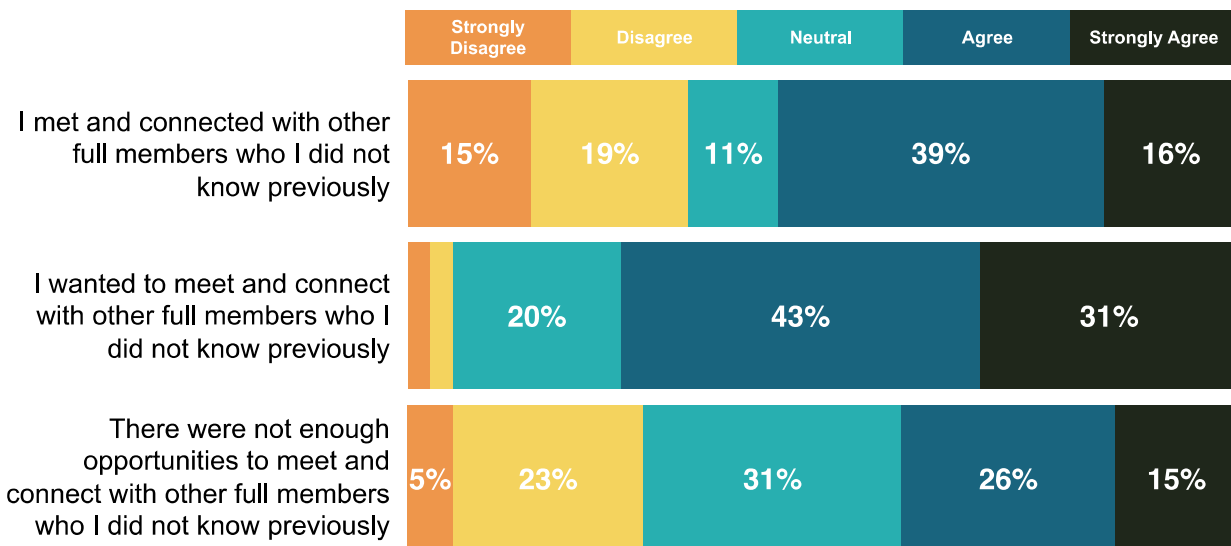
Overall, in-person and virtual participants enjoyed their experience at the 2022 Annual Meeting. However, satisfaction ratings from virtual participants were lower than satisfaction ratings from in-person participants.

Networking with Other Student Members



The majority of participants successfully networked with other student members. Some expressed a desire for more opportunities to connect with peers, particularly at the beginning of the conference. They also suggested that the CPSI meeting and other social events should be held earlier to allow for more time to develop connections throughout the conference.

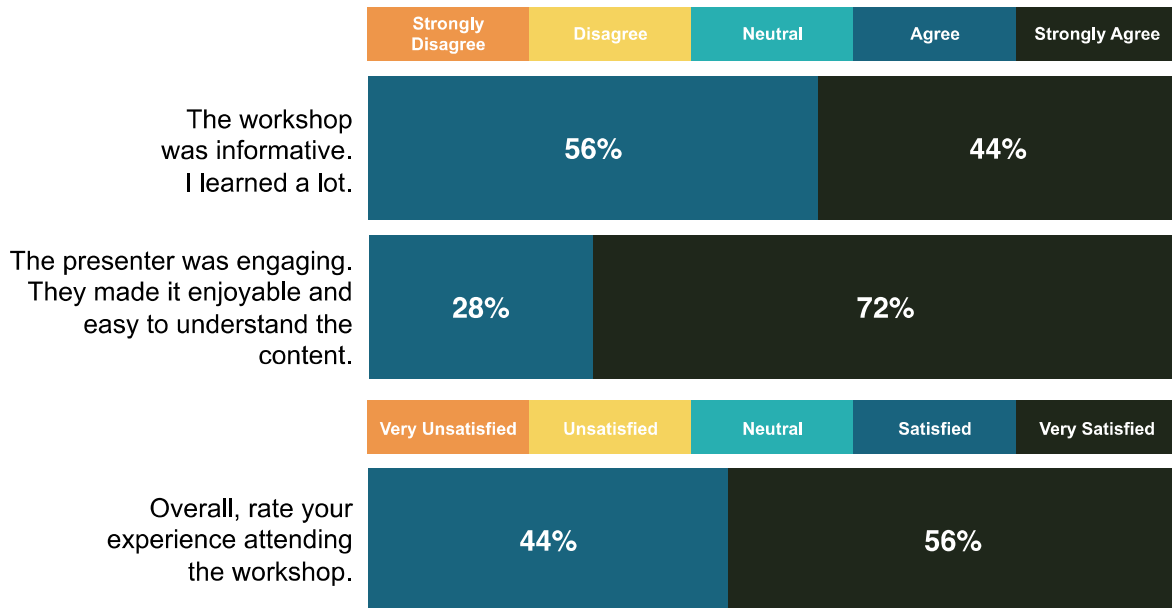
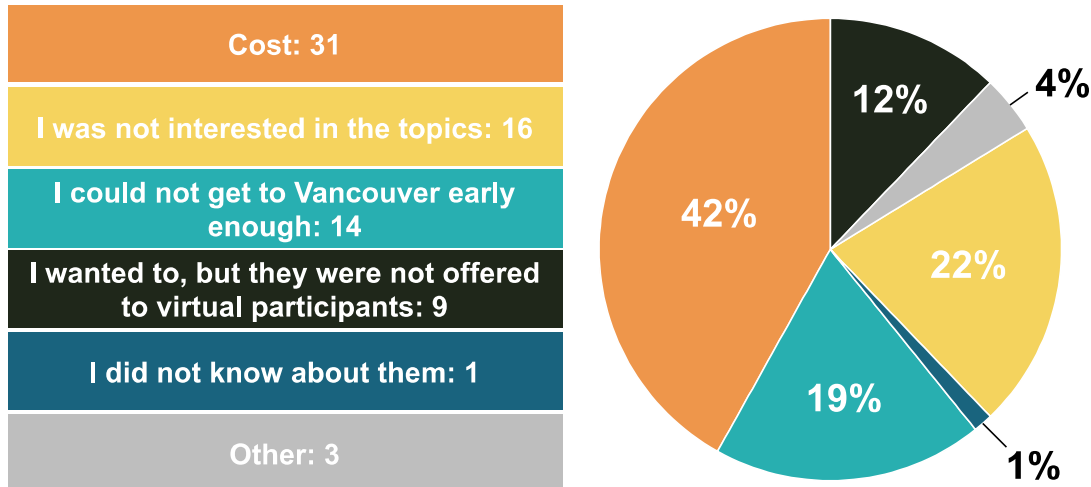
Networking with Full Members (Usually Faculty)



The majority of participants successfully networked with full members (e.g., faculty). Some expressed concerns about the lack of direct or structured opportunities to connect with full members, particularly for first-generation students who may find difficulty navigating networking situations. They suggested various solutions such as roundtable lunch events where students can meet with faculty and a meet-and-greet-type event for undergrads and post-bacs who are applying to work with recruiting faculty. Participants who attended the conference virtually noted that they were not aware of opportunities on the virtual platform and that it was difficult for virtual participants to be involved in networking.

Pre-Conference Workshops

24% of participants attended a pre-conference workshop at the 2022 Annual Meeting. Why did 76% of participants not attend?

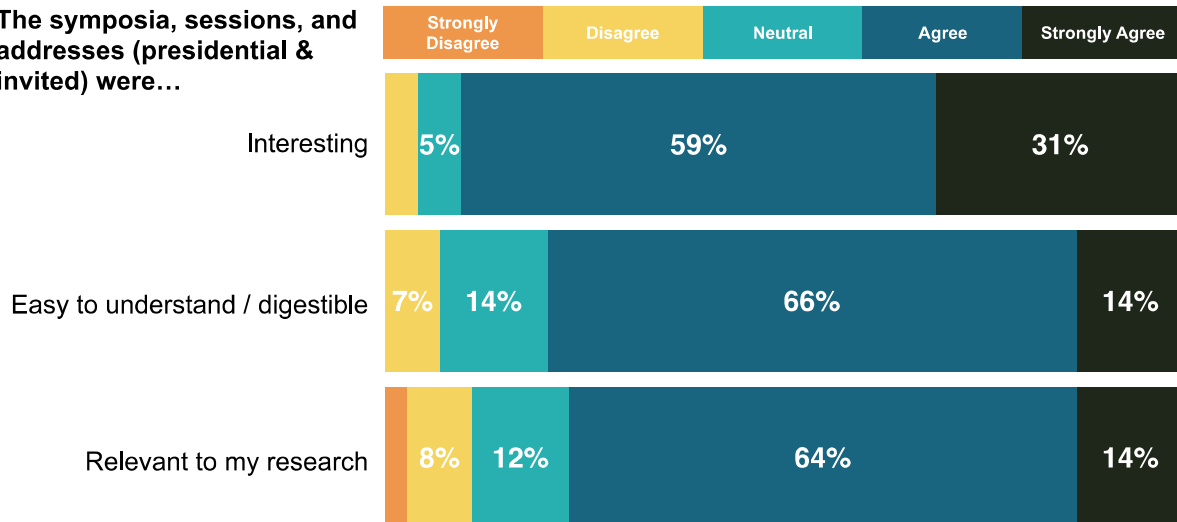


Overall, participants were extremely satisfied with the pre-conference workshops and commented on their strong organization and timely content. Participants suggested having more assistants around to help with code and distributing the workshop recordings to everyone. Participants also suggested that lunch should be provided during the workshop to reduce the rush and allow students to mingle/network. Participants who

attended the conference virtually commented on the need for improvements in organization and support on the virtual platform.

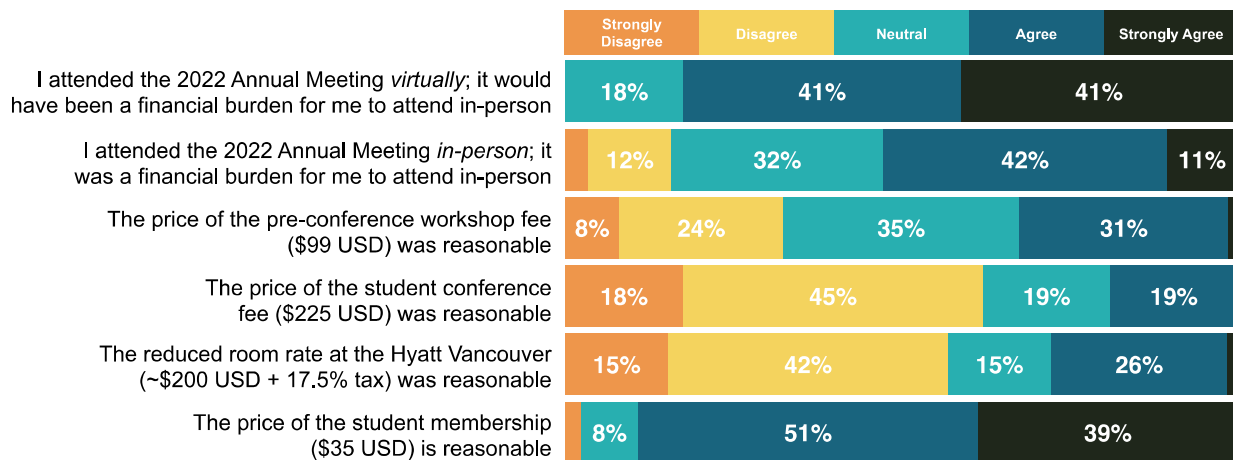
Symposia, Sessions, & Addresses

The symposia, sessions, and addresses (presidential & invited) were...



An overwhelming majority of participants found the symposia, sessions, and addresses to be interesting, easy to understand, and relevant to their research. Some participants had concerns regarding the lack of diversity in topics and an overrepresentation of EEG/ERP research; they felt the talks were too repetitive and would have preferred more methodological variety. Some virtual attendees also expressed frustration with the hybrid format and would have preferred the opportunity to watch recordings of the talks the next day.

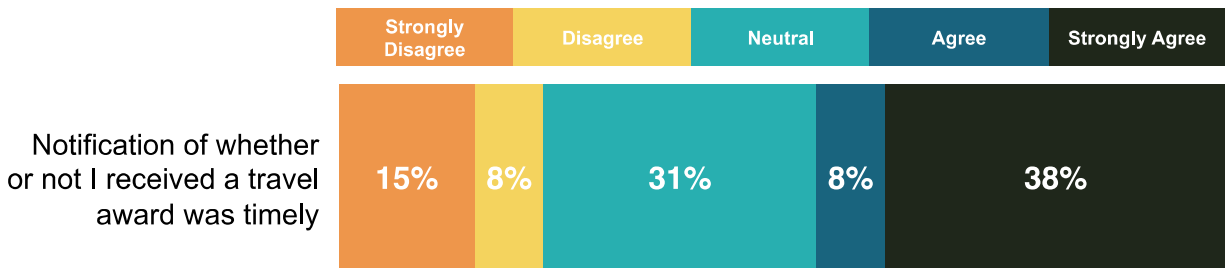
Cost of Attending the 2022 Annual Meeting



Many students commented on the cost of attending the 2022 Annual Meeting. One common concern across participants was that the cost of attendance, including registration fees, travel, accommodation, and meals, was too high and created a financial burden for many students. Students appreciated the travel and family care grants but suggested that SPR should do better to decrease the cost of attending the conference for students. Participants' suggestions included: 1) Student conference fee should be lowered and cost should be offset to full members, 2) Virtual attendance should be made more affordable, 3) Cost of attending should be lower for students who contribute to the conference (e.g., students who present a poster or talk), 4) A roommate finding service (which could be as simple as a Google form/spreadsheet organized by the CPSI or a Facebook group similar to how roommate searches work for undergraduates in college) should be created and facilitated by SPR, and 5) Increased transparency about when meals would be provided so that students can plan ahead of time. Overall, while students enjoy attending the conference, the high cost made it difficult for some to attend, and students suggest that SPR should allocate more funds to help more students.

Travel Awards

13 (18%) participants applied for a travel award from SPR to attend the 2022 Annual Meeting, **10 (77%)** of which received it.



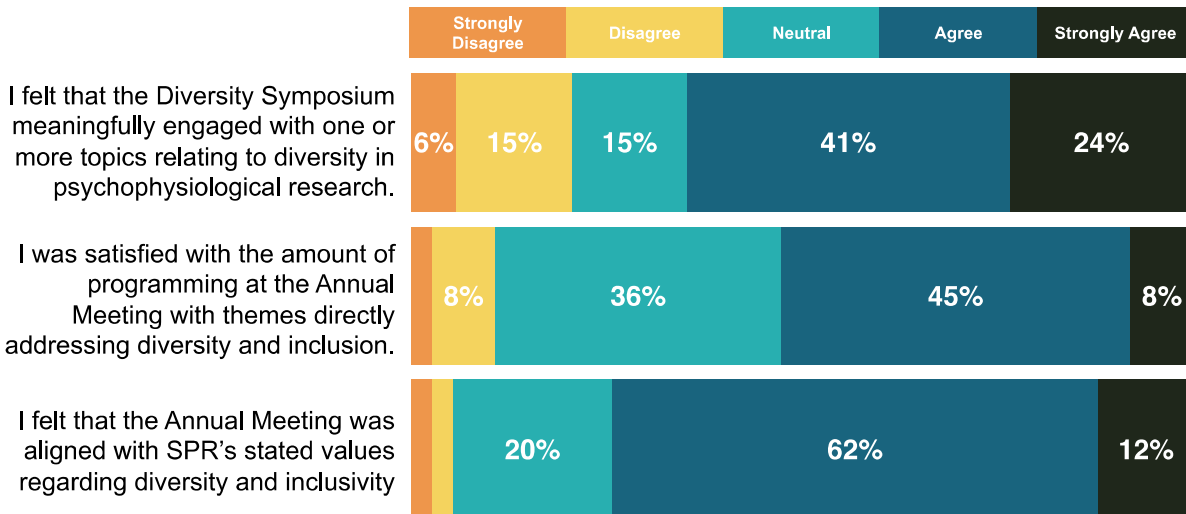
Students were asked if they preferred that SPR offered more travel awards at a lower value (<\$500) or fewer awards at a higher value (>\$1,000). **68 (82%)** participants voted for more awards at a lower value.

On average, students believe the travel award should be **\$643** (Standard Deviation = \$307, Range = \$300 – \$2,000).

Students suggested that awards should be announced earlier so they have ample time to purchase flights and accommodations. They also suggested that SPR should provide a clear timeline to increase transparency about when travel awards would be announced.

Diversity at the Annual Meeting

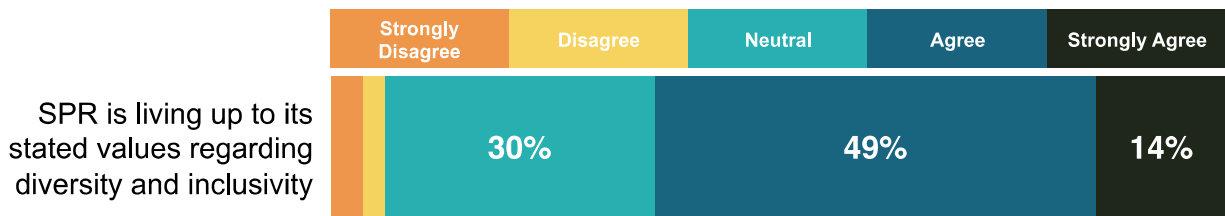
46% of participants attended the Diversity Symposium at the 2022 Annual Meeting.



* Values statement found here: <https://sprweb.org/page/Diversity>

The majority of participants were satisfied with the Diversity Symposium. Some participants had concerns about the lack of diversity and inclusion at the meeting more broadly and wished the focus was on anti-racism. Some were also frustrated with the Diversity Symposium's focus on biological sex without any acknowledgement of gender identity. Participants suggested more programming focused directly on diversity and inclusion, and that SPR should solicit input from the CPSI diversity subcommittee during planning.

Diversity as a Value of SPR



* Values statement found here: <https://sprweb.org/page/Diversity>

The majority of participants believed that SPR is living up to its stated values regarding diversity and inclusivity. Participants suggested that SPR should loop in the CPSI diversity subcommittee to ensure diversity remains a core value moving forward. Participants also want to see more transparency on the website about what SPR has previously done and what they are working on that aligns with diversity as a value of SPR.

Training Needs

Participants were asked what training needs they would you like SPR to meet either at the conference or in webinars throughout the year:

- Jobs in industry are a hot topic! (10 mentions).
- Mentorship program that pairs students with faculty. Mentorship about life not research.
- Analysis of psychophysiology collected concurrently with brain stimulation.
- A webinar about biofeedback and neurofeedback applications.
- Innovative statistical or methodological webinars, or attractive ways to show your data.
- Info sessions on applying for academic jobs.
- How to run your own lab as PI (setting up the lab, book-keeping).
- Seminar on grant writing tips/tricks.
- Training about international exchange opportunities for PhDs and early careers.
- Research ethics.
- Developing standard procedures for data collection and data analyses.
- Tutorials on best practices for measuring and analyzing physiological data.
- Using more complex statistical methods for physiological data.
- EEG processing with ICA.
- Securing postdoc or academic jobs.
- Introduction to coding for physio data processing.
- ERPs.
- Open science.
- Training on surface EMG techniques.
- Signal analysis techniques and methods.