AAAS 2022 Student E-poster Competition Guidelines

The AAAS Student E-poster Competition recognizes the individual efforts of students who are actively working toward an undergraduate, graduate, or doctoral-level degree. Multidisciplinary research projects are encouraged.

Eligibility Criteria

The competition is open to individuals who are full-time students at the time of submission for work recently performed while enrolled in an undergraduate, graduate, or doctoral degree program.

1. In order to participate in the Student E-poster Competition, confirmed presenters must **register** and **pay** the meeting registration fee for students by, October 27, 2021 12:00 PM ET.

2. Each applicant can only submit one abstract and must pay the non-refundable $25.00 abstract submission fee.

3. Advisers must certify that the research presented on the poster involves only the work of students enrolled in an undergraduate, graduate, or doctoral degree program at the time the work was performed.
    a. **Please alert your adviser to respond to our verification email.**

4. Co-authors names can appear on the E-poster PDF, but they cannot be listed in the abstract submission nor can they participate in the oral presentation (video or virtual meeting with judges).

5. Research proposals and promotions of a product or a program will not be accepted

   *Submissions that do not meet these criteria will be disqualified.

Key Dates			
Weekday	**Month/Day**	**Time**	**Events**
Tuesday	May 18, 2021	9:00 AM ET	E-poster abstract submission site opens
Tuesday	September 28, 2021	11:59 PM PT	E-poster abstract submission site closes
Tuesday	September 28, 2021		Session Aide sign-up opens
Friday	October 1, 2021		Notification of acceptance or decline
Friday	October 1, 2021		Instructions on how to upload E-poster PDF and oral presentation video
Wednesday	October 27, 2021	12:00 PM ET	Deadline to register/pay for meeting registration fee
Wednesday	October 27, 2021	11:59 PM PT	Deadline to submit final E-poster PDF and video
Friday - Tuesday	November 12-16, 2021		First Round – Judges review and score E-poster PDFs and oral presentation videos
Monday	November 22, 2021		Zoom calendar invites are sent out to finalists and judges
Tuesday - Friday	January 4-7, 2022		Final Round - Finalists scheduled for live Zoom presentations with judges to determine winners
TBD	Late January 2022		Email is sent to E-poster Students with reminder information for time and location
Friday - Sunday	February 18-20, 2022 (Tentative)	1PM & 3PM (Tentative)	5 Slides in 2 Minutes (more information to come)
Friday - Sunday	February 18-20, 2022 (Tentative)	2:00PM (Tentative)	Student Virtual Discussions (more information to come)
Sunday	February 20, 2022	End of the Meeting	First Place and Honorable Mention Place Winners are announced live at the Annual Meeting on stage

Categories

Please review all categories to carefully select the one that is most relevant to your research.

- **Biochemistry and Molecular Biology**
  Includes the fields of biochemistry, chemical biology, genomics, proteomics, structural biology

- **Brain and Behavior**
  Includes the fields of neuroscience and psychology

- **Cell Biology**
  Includes the fields of physiology and all areas related to cells

- **Developmental Biology, Genetics, and Immunology**
  Includes the fields of evolution and developmental biology, genetics, host responses, infectiousdiseases, all areas of immunology

- **Environment and Ecology**
  Includes the fields of agriculture, food science, and renewable resources; geology and geography, aswell as atmospheric and hydrospheric sciences

- **Medicine and Public Health**
  Includes dentistry and oral health sciences, medical and pharmaceutical sciences

- **Physical Sciences**
  Includes the fields of astronomy, chemistry, geology, mineralogy, meteorology, and physics

- **Science in Society**
  Includes the history and philosophy of science, general interest in sciences and engineering, sciencecommunication, and public engagement

- **Social Sciences**
  Includes the fields of anthropology, economics, education, language and culture, political science, andsociology

- **Technology, Engineering, and Math**
  Includes fields of computer science, information technology, industrial science, and statistics

General Guidelines for Abstract Submission

Presenters can log in and edit their abstract up to the submission deadline (September 14, 2021 11:59 PM PT). Please carefully follow the instructions as approved abstracts will be used in the online program and the meeting app.

Abstract Sections: All abstracts should be informative and contain the following sections:

1. **Background:** A brief statement of study's objectives

2. **Methods:** A concise statement of methods

3. **Results:** A clear presentation of results, which should be "data rich"

4. **Conclusions:** A closing statement of study's conclusions; do not state "results will be discussed."

If your abstract submissions do not adhere to guidelines I – III, it will NOT be approved.

I. Abstract title must use all capital letters and is limited to 85 characters (including spaces).

II. Abstracts are limited to 2600 characters (including spaces). Please type or paste the abstract as a **single text block** (No indents, bullets, and line breaks).

III. The E-poster title, co-authors, citations, footnotes, graphics, and funding acknowledgements are not allowed within the abstract text.

IV. Work must be proofread carefully before submission. Abstracts that show lack of care or quality control as evidenced by grammatical, punctuation, spelling, and typographical errors are reviewed less favorably.

V. AAAS staff has the right to reformat the abstract if needed to conform to standards required for the online program and the meeting app.

E-Poster Design and Oral Presentation Tips Webinars

Accepted presenters will be notified of complimentary live webinars that will cover E-poster design, video production, and best practices for your oral presentation. Webinars will be recorded if you cannot attend the live sessions.

Oral Presentation Videos

For the 2022 AAAS Annual Meeting, each approved presenter will prepare a 3 minute oral presentation video that will be uploaded along with their abstract and E-poster PDF. These materials will be available for meeting attendees and the general public through the online program.

Presentations should include:

- A clear statement of the problem and its importance.
- A summary of key elements of your research and key findings.

Deadline to submit final E-poster PDF and video is **October 27, 11:59 PM PT**.

Competition and Evaluation

Competitions will be between members of the E-poster category. Undergraduate and graduate students will be evaluated per their university level of study.

E-poster evaluation will include:

- **Methodology:** Methods are appropriate and properly applied.
- **Results:** Logical, clearly presented, and properly summarized.
- **Conclusion:** Based on results presented; emphasizes significance and implications of study.
- **Presentation:** Poster is well-prepared, well-organized, balanced in content, and logically sequence Importance/originality of research.
- **Understanding of Subject:** Clearly states objectives of the study and relationship to earlier work, demonstrates understanding of the subject and responds effectively.

Virtual Review and Judging

For the 2022 Annual Meeting, each approved presenter will prepare and submit a PDF of their E-poster and a 3 minute video that will be an oral synopsis of their work. These materials will be reviewed and scored to determine who will advance to the final round. Finalists will be invited to virtually meet with judges for a 10 min evaluation session (5 minute presentation and 4 minute Q&A). Please make sure you are available on the dates of January 4-7, 2022. An exact day and time for each category will be determined at a later date. After listening to oral presentations, judges will assess each poster using an evaluation form rating the above on a scale of 1-5, with 1 as "below average" and 5 as "outstanding." After all posters from a category have been reviewed, judges will deliberate to select undergraduate and graduate students First place and Honorable Mention place winners.

All accepted E-poster abstracts, PDFs and videos will be available to the general public on the 2022 AAAS Annual Meeting online program. First Place and Honorable Mention Place Winners will be announced live on-site in Philadelphia at the Annual Meeting on Sunday, February 20, 2022.

Prizes

The first place winning undergraduate and graduate students in each category will receive a cash award of $500, a one-year AAAS membership that includes a digital subscription to the journal *Science*, name and poster title printed and published in *Science,* and a recognition certificate (total prize value is up to $565).

The honorable mention place winning undergraduate and graduate students in each category will have their name and poster title printed and published in *Science* and will receive a recognition certificate. Please be sure to note your student status on your abstract submission.

The student presenter is the only eligible recipient to receive the cash award and prizes.

If you have any questions or need more information, please contact Kathy at karias@aaas.org.

The official language of the 2022 AAAS Annual Meeting is American English.

EMPOWER WITH EVIDENCE

#AAASmtg

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November 12-16, 2021
First round review: Judges review and score E-poster PDFs and videos

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Calendar invites for presentations sent out to finalists

January 4-7, 2022
Final round review: Finalists scheduled to present in front of judges

February 20, 2022
First Place and Honorable Mention winners announced at the 2022 AAAS Annual Meeting