The AMA Research Challenge is the largest national, multi-specialty research event for medical students, residents and fellows, and international medical graduates to showcase and present research.

This year’s 2022 challenge includes a series of virtual events and activities for AMA members. The challenge kicked off with a call for abstracts in May, followed by the poster symposium and semifinals Oct. 20-22, and the finals on Dec. 7.

RSVP for the finals and hear about new ideas and new research presented by the top five finalists!

YouTube broadcast details will be provided once available.

**Challenge finals: Finalists and research topics**

**Leelabati Biswas**

- **Poster:** Decoding Pregnancy Loss: Validating a Novel Genetic Biomarker of Poor Egg Quality
- **School:** Rutgers Robert Wood Johnson Medical School

**Kanita Chaudhry**

- **Poster:** The Aryl Hydrocarbon Receptor (AhR) as a Novel Therapeutic Target in Neuroblastoma
Arian Mansur

- **Poster:** Stereotactic Body Radiation Therapy Versus Wedge Resection for Early-Stage Node-Negative Non-Small Cell Lung Cancer Tumors ≤8 mm: A National Analysis
- **School:** Harvard Medical School

Benjamin Maxey

- **Poster:** Audiovisual Feedback from a Handheld Monitoring Device Improves Manual Ventilation
- **School:** Louisiana State University Health Shreveport

Garima Suman, MD

- **Poster:** AI-Powered Fully automated Early Detection of Pancreatic Ductal Adenocarcinoma on Standard-of-care CT Scans
- **Institution:** Mayo Clinic

Poster symposium and semifinals Oct. 20-22

A three-day virtual event for 750 medical students, residents, and international medical graduates to showcase their research on a variety of topics, including basic science, clinical and translational research, clinical vignettes, health systems science, public health and health policy, and medical education innovation.

The semifinals included research from the top scored abstracts and member attendees scored posters. The top five highest scored posters will advance to a virtual finals event on Dec. 7.

Who should attend?

This event is for all medical students and physicians interested in research. AMA members receive exclusive access to score posters in the semifinals.

What’s included

- Three days of exploring research in a variety of topics and specialties at your leisure

URL: https://www.ama-assn.org/about/events/ama-research-challenge
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Score posters in the semifinals to help decide the top five finalists (AMA member exclusive)
Connect with presenters and provide feedback to help advance their research

Key takeaways

- Get exposure to top research projects and what judges look for in a poster
- Learn how to effectively present research and tips to stand out from peers
- Hear from experts on how to get your research published and how to pursue a career in academic medicine

Participant information

Entrants who submitted an abstract to the 2022 AMA Research Challenge were notified on their abstract status in September.

Resources

- Official rules (PDF)
- Participant FAQs (PDF)
- Social media kit

Email researchsymposium@ama-assn.org with questions.

AMa Research Challenge: $10,000 grand prize

Laurel Road is sponsoring the grand prize of $10,000 for the winner of the AMA Research Challenge. Laurel Road is not involved in the judging or scoring process to select the winner. Payment of the grand prize will be directly from Laurel Road. Read the official rules (PDF) for terms and conditions.
2023 Call for abstracts

The deadline to submit abstracts for the 2022 AMA Research Challenge was July 26, 2022. The 2023 AMA Research Challenge call for abstracts will open in early 2023.

Watch "How to" videos

How to prepare an abstract

Hear from a resident expert on what judges look for in an abstract.

- Watch the video and read the transcript

How to prepare and present a virtual research poster

Learn key elements for building a digital poster and how to keep your audience engaged in a pre-recorded presentation.

- Watch the video and read the transcript

Past AMA Research Challenge winners

2021 winner

Marielisa Cabrera-Sánchez was the overall winner of the 2021 AMA Research Challenge and was awarded the grand prize of $10,000, sponsored by Laurel Road.

- Watch the 2021 finals broadcast
- Read more about the 2021 finalists

2020 co-winners

Victoria Danan and Shamsh Shaikh were announced on Jan. 13, 2021 as co-winners of the first AMA Research Challenge. Read more about the 2020 winners.

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Ensuring health equity

The AMA Research Advisory Committee encourages medical students, trainees and physicians of all backgrounds, including underrepresented minorities at every level, to participate in the events. The committee, as well as the AMA organization, are committed to prioritizing diversity, equity and inclusion.

As the physicians’ powerful ally in patient care and a leading national voice on health policy, the AMA has placed equity at the center of its work to shape the future of medicine.