



## MAA UNDERGRADUATE STUDENT POSTER SESSION Call for Abstracts – MAA MathFest 2025

This session features research performed by undergraduate students, and will be held at the venue for MAA MathFest 2025, the SAFE Credit Union Sacramento Convention Center: 1401 K Street, Sacramento, CA. First-year graduate students are eligible to present if their research was completed while they were still undergraduates. Research by high school students can be accepted if the research was conducted under the supervision of a faculty member at a post-secondary institution.

Appropriate content for a poster includes, but is not limited to, a new result, a new proof of a known result, a new mathematical model, an innovative solution to a Putnam problem, or a method of solution to an applied problem. Projects that are currently in progress but leading towards one of these outcomes are also welcome. Purely expository material is not appropriate for this session.

Posters will be judged during the session, and certificates will be sent to presenters afterwards. Judges' feedback will be available at the Student Dessert Reception and elsewhere at the SAFE Credit Union Sacramento Convention Center. Corkboards, pins, clips, and affixing materials will be available on site; two posters will be affixed to each side of the corkboard (four posters per corkboard). Additional materials and equipment are the responsibility of the presenters.

To submit an abstract, go to <https://maa.org/events/maa-mathfest-2025-abstract-submissions/> (direct link to the submission portal can be found at <https://forms.gle/RsgUM3Ciz8GzKKhbA>) and follow the instructions. The deadline for submission of abstracts is June 8, 2025. Early submissions are encouraged.

Below are some guidelines for anyone who is new to creating posters. Poster templates and information regarding creating and printing posters can be found at <https://www.posterpresentations.com/free-poster-templates.html> or <https://www.overleaf.com/gallery/tagged/poster>

### Poster Guidelines:

**Eligibility:** Research must have been conducted while you were an undergraduate. This includes first-year graduate students who want to present their undergraduate research projects. Each student may only participate in one poster. If you worked on multiple

projects that will be presented, you will have to choose one main poster that your name will be included on as a presenter.

**Time Commitment:** Please be prepared to stay for the duration of the Poster Session, which is scheduled in the following components on **Friday, August 8, 2025:**

- Setup: 9:00 am – 9:30 am
- Judging: 9:30 am – 10:30 am
- Open to public: 10:30 am – 11:30 am

**Poster Content:** Appropriate poster topics include: a new result, a new proof of a known result, a new mathematical model, an innovative solution to a Putnam problem, a method of solution for an applied problem. Purely expository topics are not appropriate for this session.

**Poster Evaluation:** Each student receives helpful feedback and research advice from professionals and academics in the mathematics field. Every participant will be given critiques, inquires, and accolades based on the mathematical content, student answers to questions and poster design. The MAA Student Poster Session is widely publicized and attended, allowing the students' research to gain interest from the mathematics community. Students have been recruited for and received funding for graduate school based on their poster presentations. The fact that your advisor chose to support your work speaks very highly of your efforts.

- Standard poster dimensions for this session will be **3 feet wide by 2 feet high (36 inches wide by 24 inches high); please note the NEW DIMENSIONS** from previous years, which are specified to accommodate all posters to corkboard dimensions. Corkboards at MAA MathFest will be approximately 8'w x 6'h (with presentation surface of approximately 7.5'w x 4'h).
- **Two posters will be assigned to each corkboard side** (with a total of four posters per corkboard), so please make sure to stay within the standard dimensions.
- MAA will provide cork boards and affixing materials with which to pin posters.
- Posters should read from top left to bottom right, as though reading a page.
- Posters should contain a good contrast between the background color and the text color. Consider using a light color background and dark text.
- All text should be readable from a distance of 4-5 feet.
- The material on the poster should be well-organized and easy to follow.
- Images should be of high enough resolution to print out clearly.
- Do not crowd the poster with too much content or too small of font size (recommended is the Arial font with 25-point size).
- Choose colors that are easy on the eyes and don't use too many colors as it will make the poster look too busy.
- We recommend being prepared with a 2-minute “elevator speech” for both the judges and the public. Allow for your poster presentation to be a conversation.

### **Organizers:**

Amber Russell, *Butler University*, ([acrusse3@butler.edu](mailto:acrusse3@butler.edu))

Thomas Langley, *Rose-Hulman Institute of Technology*, ([langley@rose-hulman.edu](mailto:langley@rose-hulman.edu))

Lauren Keough, *Grand Valley State University*, ([keoulaur@gvsu.edu](mailto:keoulaur@gvsu.edu))