

AMS-MAA-SIAM Frank and Brennie Morgan Prize for Outstanding Research in Mathematics by an Undergraduate Student

General Description

- Committee is standing
- Number of members is six, two from each society
- Term is three years

Principal Activities

To select the recipient(s) of the Morgan Prize. The following Guidelines were agreed to by the MAA, SIAM and the AMS (Council Minutes, January 14, 2020, Item 4.6.2)

AMS-MAA-SIAM Frank and Brennie Morgan Prize
For Outstanding Research in Mathematics by an Undergraduate Student
GUIDELINES
REVISION OF 8-15-19

1. The Morgan Prize, endowed by a gift from Mrs. Frank (Brennie) Morgan, is awarded to an undergraduate student (or students having submitted joint work) for outstanding research in mathematics.
2. The recipient(s) will receive certificate(s) and an award of \$1,200. If the Prize is given for joint work, the cash award will be divided among the recipients.
3. No more than one Prize shall be awarded each year.
4. In addition, one or more nominees may receive a Certificate of Honorable Mention.
5. If no other funding is available, income from the Prize fund may be used to pay normal travel costs for a winner to attend the award ceremony and registration for the meeting at which the prize is awarded.
6. A nominee for the Prize must have been an undergraduate at a college or university in Canada, Mexico, or the United States or its possessions in December of the year prior to their nomination.
7. Nomination of a student for the Prize may be made by any individual including the nominee (self-nomination).
8. Research paper(s) supporting the nomination must have been submitted to a journal, to a member of the mathematics department of the student's institution (as in the case of an undergraduate thesis), or posted on an online archive such as *arXiv.org* prior to the student's graduation. Publication of the research is not required. The research need not be confined to a single paper; it may be contained in several papers.
9. Every nomination for the Prize must include the nominee's research paper(s) and at least one

letter of support from a person, normally a faculty member, familiar with the student's research.

10. Nominations must be received by the Secretary of the AMS by June 30 of the year prior to the award on behalf of students who were undergraduates in December of the previous year.

11. Prize recipients are selected by a standing joint committee of the AMS, MAA, and SIAM (the AMS-MAA-SIAM Frank and Brennie Morgan Prize Selection Committee). The joint committee is to consist of six members, each to serve for a term of three years. Two members are appointed by the President of each society. The decisions of this Committee should be final.

12. The AMS-MAA-SIAM Frank and Brennie Morgan Prize Selection Committee is to submit the name(s) of prize winner(s) and those to receive honorable mention, along with citations appropriate for a prize booklet, to the Secretary of MAA no later than September 15 of the year prior to the award.

13. The default venue for presentation will be at the January joint math meetings, with the option of rotating on a three year schedule with the SIAM Annual Meeting and MAA Mathfest. If SIAM or MAA choose to give the award at their annual meeting, they should notify the AMS Secretary before September 15 prior to the year of the award.

14. If the award is to be presented at the national meeting of SIAM or MAA, the citations for the winner(s) and honorable mention(s) should appear in the prize booklet of the JMM in the year of the award along with a note to that effect.

15. Commencing in 2012, and every seven years thereafter, the guidelines for the Morgan Prize shall be reviewed by the governing bodies of the AMS, MAA, and SIAM, according to each society's rules and procedures.

Note with regard to support of the winner of the Morgan Prize from Gina Alsfeld, AMS, 9/16/2013: Two nights lodging, two days of meals, round-trip economy "Y" class airfare, and up to US\$150 reimbursement for ground transportation.

Note that it was agreed on 9/18/2014: Registration fees for honorable mentions will be waived.

Other Activities

Miscellaneous Information

Approval

The selection of the committee is communicated to the AMS Secretary, the MAA Secretary and the SIAM Secretary who then notify the winner. This report should include the names of the individuals, their institutions, and citations for each.

Presentation of the Award

The Joint Prize for Undergraduate Research is presented as stated above. The description of the prize, along with a full citation, and biography of the winner is published in the *Notices*. A response from the winner may also be published. The response at the ceremony should be brief (approximately 1 minute).

The business of this committee can be done by mail, electronic mail, or telephone, expenses which may be reimbursed by the AMS.

Note to the Chair

Work done by committees on recurring problems may have value as precedent or work done may have historical interest. Because of this, the Council has requested that a central file system be maintained for the Society by the Secretary. Committees are reminded that records of work should be kept and submitted annually to the Secretary for archival purposes. Confidential material should be noted, so that it can be handled in a confidential manner.

Authorization

940814 Council Minutes, item 3.5.2; 960111 Minutes of the Committee.

11/94; 4/95; 5/95; 2/96; 3/99; 3/08; 8/09; 7/13 updated members, winners, edited Note to the Chair

Council Minutes, January 14, 2020, Item 4.6.2, Guidelines were reviews by all three organizations.

Past Members

A list of current and past members is available here:

<http://www.ams.org/about-us/governance/committees/morgan-past.html>

Past Winners

<http://www.ams.org/profession/prizes-awards/pabrowse?purl=morgan-prize>

AMS Website

<http://www.ams.org/profession/prizes-awards/ams-prizes/morgan-prize>