

# Inside the AMS

## AMS Committee on Education Meeting



**Katherine F. Stevenson**

In late October of 2017, I attended my first AMS Committee on Education meeting. This annual event is held in Washington, DC, and includes a miniconference on issues broadly related to math education. It strives to include talks by both mathematicians and representatives from related disciplines and national organizations. Here are a few highlights from 2017.

Doug Ensley, Deputy Executive Director of the Mathematical Association of America, discussed two graduate student training programs: CoMinDS and PIC Math programs. The purpose of CoMinDS is to “provide better access to resources for college mathematics instructor development and to create durable versions of the existing informal networks.” The intention is to create an infrastructure within the MAA to facilitate high-quality, teaching-related professional development for graduate students. By contrast, PIC Math strives to prepare mathematical sciences students for industrial careers by engaging them in authentic industrial research problems. The theme of industrial research was picked up later by Dan Spirn, University of Minnesota, who presented on EDT: Math to Industry Boot Camp. That program is “an intense six-week session designed to provide graduate students with training and experience that is valuable for employment outside of academia.”

Representatives of the National Science Foundation (NSF) presented on several programs related to opportunities for graduate training in mathematics, including research grant opportunities. The NSF shared that only 3.5 percent of the NSF Graduate Research Fellowship Program awards go to math and that these grants are distributed by “proposal pressure.” This means that the more math graduate students who apply, the more math grants will be awarded! Here is link for that program: [www.nsfgrfp.org](http://www.nsfgrfp.org).

Finally, several participants presented a forum organized by Su Doree, Augsburg College, on “Being a Professor at a Teaching-Oriented College or University: What Every Graduate Advisor/Director Needs to Know.” This panel

was well received and fielded many questions on this important option for new PhDs.

The meeting was vibrant and informative. If you are a chair or leader in your department, please consider marking your calendars for next October’s meeting. For more information, contact the AMS Washington Office at [amsdc@ams.org](mailto:amsdc@ams.org).

—*Katherine F. Stevenson*  
*California State University*

## From the AMS Public Awareness Office

**AMS and Mathematics at the National SACNAS Conference.** The AMS hosted a reception for the mathematics community and an exhibit at the 2017 National SACNAS Conference. See videos and highlights at [www.ams.org/meetings/sacnas2017-mtg](http://www.ams.org/meetings/sacnas2017-mtg).



**AMS Director of Education and Diversity Helen G. Grundman at the 2017 National SACNAS Conference Reception.**

**2016 Annual Report.** A PDF of this report, including Highlights of the Year, Financial Review, Contributors, and Facts & Figures, is at [www.ams.org/about-us/annual-reports/Annual-Report-2016-web.pdf](http://www.ams.org/about-us/annual-reports/Annual-Report-2016-web.pdf).

**Arnold Ross Lecture.** Ken Ono of Emory University gave the 2017 Arnold Ross Lecture, “Why does Ramanujan, ‘The Man Who Knew Infinity,’ matter?” at the Orlando Science Center in Orlando, Florida. Read about the lecture and the game of Who Wants to Be a Mathematician that followed at [www.ams.org/programs/students/wwtbam/ar12017](http://www.ams.org/programs/students/wwtbam/ar12017).

## AMS Email Support for Frequently Asked Questions

A number of email addresses have been established for contacting the AMS staff regarding frequently asked questions.

The following is a list of those addresses together with a description of the types of inquiries that should be made through each address:

**abs-coord@ams.org** for questions regarding a particular abstract or abstracts questions in general.

**acquisitions@ams.org** to contact the AMS Acquisitions Department.

**ams@ams.org** to contact AMS Headquarters in Providence, Rhode Island.

**amsdc@ams.org** to reach the AMS Washington Office about government relations and advocacy programs.

**amsfellows@ams.org** to inquire about the Fellows of the AMS.

**amsmem@ams.org** to request information about membership in the AMS and about dues payments or to ask any general membership questions; may also be used to submit address changes.

**ams-mrc@ams.org** for questions about the AMS Mathematics Research Communities.

**ams-simons@ams.org** for information about the AMS Simons Travel Grants Program.

**ams-survey@ams.org** for information or questions about the Annual Survey of the Mathematical Sciences or to request reprints of survey reports.

**bookstore@ams.org** for inquiries related to the online AMS Bookstore.

**captions@ams.org** to submit entries for the Back Page Caption Contest in the *Notices*.

**classads@ams.org** to submit classified advertising for the *Notices*.

**cust-serv@ams.org** for general information about AMS products (including electronic products), to send address changes, or to conduct any general correspondence with the Society's Sales and Member Services Department.

**development@ams.org** for information about charitable giving to the AMS.

**eims-info@ams.org** to request information about Employment Information in the Mathematical Sciences (EIMS). For ad rates and to submit ads go to [eims.ams.org](http://eims.ams.org).

**emp-info@ams.org** for information regarding AMS employment and career services.

**eprod-support@ams.org** for technical questions regarding AMS electronic products and services.

**gradprg-ad@ams.org** to inquire about a listing or ad in the Find Graduate Programs online service.

**mathjobs@ams.org** for questions about the online job application service [Mathjobs.org](http://Mathjobs.org).

**mathcal@ams.org** for questions regarding posting on the Mathematics Calendar.

**mathprograms@ams.org** for questions about the online program application service [Mathprograms.org](http://Mathprograms.org).

**mathrev@ams.org** to send correspondence to Mathematical Reviews related to reviews or other editorial questions.

**meet@ams.org** to request general information about Society meetings and conferences.

**mmsb@ams.org** for information or questions about registration, housing, and exhibits for any Society meetings or conferences (Mathematics Meetings Service Bureau).

**mr-exec@ams.org** to contact the Executive Editor of Mathematical Reviews regarding editorial and related questions.

**mr-librarian@ams.org** to contact Mathematical Reviews regarding the acquisition and cataloging of the mathematical literature indexed in MathSciNet®.

**mns-support@ams.org** for technical questions regarding MathSciNet®.

**notices@ams.org** to send correspondence to the managing editor of the *Notices*.

**notices-ads@ams.org** to submit electronically paid display ads for the *Notices*.

**notices-booklist@ams.org** to submit suggestions for books to be included in the "Bookshelf" section of the *Notices*.

**notices-letters@ams.org** to submit letters and opinion pieces to the *Notices*.

**notices-whatis@ams.org** to comment on or send suggestions for topics for the "WHAT IS...?" column in the *Notices*.

**noti-backpage@ams.org** to submit original short amusing stories, math-related humor, cartoons, and ideas to the Back Page of the *Notices*.

**noti-gradsec@ams.org** to submit ideas to the Graduate Student Section of the *Notices*.

**opportunities@ams.org** for questions about submitting to the Opportunities webpage.

**paoffice@ams.org** to contact the AMS Public Awareness Office.

**president@ams.org** to contact the AMS president.

**prof-serv@ams.org** to send correspondence about AMS professional programs and services.

**promorequests@ams.org** to request AMS giveaway materials such as posters, brochures, and catalogs for use at mathematical conferences, exhibits, and workshops.

**publications@ams.org** to send correspondence to the AMS Publication Division.

**publisher@ams.org** to contact the AMS Publisher.

**pub-submit@ams.org** to submit accepted electronic manuscripts to AMS publications (other than Abstracts). See [www.ams.org/submit-book-journal](http://www.ams.org/submit-book-journal) to electronically submit accepted manuscripts to the AMS book and journal programs.

**reprint-permission@ams.org** to request permission to reprint material from Society publications.

**reviewcopies@ams.org** to request a book for review.

**royalties@ams.org** for AMS authors to direct questions about royalty payments.

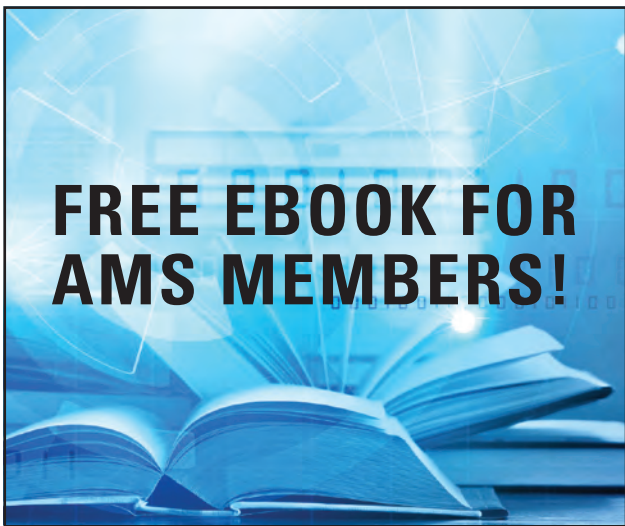
**sales@ams.org** to inquire about reselling or distributing AMS publications or to send correspondence to the AMS Sales and Member Services Department.

NEWS

**secretary@ams.org** to contact the AMS secretary.  
**student-serv@ams.org** for questions about AMS programs and services for students.  
**tech-support@ams.org** to contact the Society's typesetting Technical Support Group.  
**textbooks@ams.org** to request examination copies or inquire about using AMS publications as course texts.  
**webmaster@ams.org** for general information or for assistance in accessing and using the AMS website.

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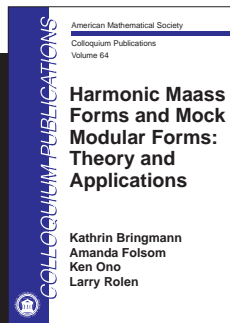
Photos of Katherine F. Stevenson by Lee Choo.  
Photo of Helen G. Grundman, by Annette Emerson.



# FREE EBOOK FOR AMS MEMBERS!

Modular forms and Jacobi forms play a central role in many areas of mathematics. Over the last 10–15 years, this theory has been extended to certain non-holomorphic functions, the so-called “harmonic Maass forms.” This book contains the essential features of the theory of harmonic Maass forms and mock modular forms, together with a wide variety of applications to algebraic number theory, combinatorics, elliptic curves, mathematical physics, quantum modular forms, and representation theory.

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