

UNDERGRADUATE MATH SEMINAR

Since last week had two seminars, this week the undergraduate math seminar is taking a breather. Don't worry – there will be more throughout the term. Look for the posters in Bailey Hall and the emails announcing the events!

Hudson River Undergraduate Mathematics Conference (HRUMC) Saturday, April 5, 2025

The Hudson River Undergraduate Mathematics Conference (HRUMC) is a one-day undergraduate mathematics conference founded in 1994 by Siena, Skidmore, Union, and Williams Colleges. Since its inception, it has been held annually each spring, hosted by a founding school or another school in the Northeast. The conference is typically attended by 300 students and faculty from approximately 50 universities, colleges and community colleges in the Northeastern US. This year,

Union College will be hosting HRUMC on APRIL 5, 2025.

The goal of the HRUMC is to provide undergraduates with the experience of attending and/or presenting at a professional mathematics meeting. Student and faculty talks are scheduled **together** in sessions that are organized by topic. Some of the 15-minute talks describe original research, while others are expository in nature. The conference also features a keynote address by a noted mathematician. This year's keynote address will be delivered by **Professor Álvaro Lozano-Robledo** from the **University of Connecticut**. His talk is entitled, "*Math in the Age of Social Media*".

There will also be lunch panels themed for students: "Making the Most of One's Undergraduate Mathematics Experience" and "What can I do with a math degree?"

Get involved! There are many ways to get involved with HRUMC. For example, you can give a talk! Tell the local math community all about what you learned in your thesis, in your summer project, or in another fun math activity. Talk with a math faculty advisor to make it happen!

The HRUMC is an awesome day, but to make it run, we need students to **volunteer to help**. There are all sorts of tasks, including, but not limited to, helping with registration, selling t-shirts, photography, and helping troubleshoot IT issues that might arise. If you are interested in volunteering to help stage this conference, please reach out to one of the students on the steering committee, **Audrey Benson** (bensona@union.edu), **Frankie Morone** (moronef@union.edu), **Tremaine Richardson** (richardt@union.edu), or **Professor Paul Friedman** (friedmap@union.edu).

Actuarial Science Club: Learn about (and participate?) in a contest!

The Actuarial Science Club be hosting an event in **Bailey 104** during common hour (**12:50pm-1:50pm**) on **Friday, January 31**.

The event is a presentation on the opportunity for students to participate in the [2025 SOA Research Institute Student Research Case Study Challenge](#). Via the actuarial science club, students will be able to compete as a team for a prize in a competition coordinated by the Society of Actuaries, where a case study is performed and submitted to a panel of judges. **Mark Mortensen**, Union class of 1985, a retired life insurance actuary for Liberty Mutual, is the speaker. He will be discussing the benefits of the opportunity and providing information to the team(s) willing to participate on how best to attack the problem.

International Association of Black Actuaries Programming Events

Mary Annese '05, an Associate of the Casualty Actuary Society working at Verisk, is on the International Association of Black Actuaries (IABA) Corporate Advisory Council. She asked us to help spread the word about some upcoming programming events – here you go! Click on the links for more information about each program.

- **Boot Camp**: An intensive program designed to prepare students for internships and early career success. This is an in-person program hosted in conjunction with our Annual Meeting held in Washington DC. IABA covers participant hotel accommodations and transportation.
- **Scholarship Program**: Financial support for students pursuing actuarial careers. Scholarship recipients also receive hotel accommodations to attend our Annual meeting in Washington DC. IABA covers participant hotel accommodations and transportation.
- **Exam Prep**: Resources and assistance to help students successfully pass actuarial exams.

Budapest Semesters in Mathematics Education Zoom Webinar/Info Session

The Budapest Semesters in Mathematics Education (BSME) is holding a free Zoom webinar for anyone who wants to learn more about [Summer@BSME](#). This will be **Thursday, February 13 at noon**. Registration for the webinar is

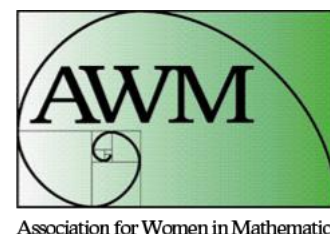
<https://bsmeducation.com/bsme-informational-webinar/>



[Summer@BSME](#) is a six-week summer program in Budapest, Hungary, designed for undergraduates, recent graduates, and in-service teachers interested in the learning and teaching of secondary mathematics. Participants take a variety of courses in mathematics education and complete a week-long field experience. Come experience the Hungarian pedagogy based on guided discovery—which emphasizes problem solving, creativity, and communication—as well as the rich and vibrant culture of Hungary.

Association for Women in Mathematics Holding an Essay Contest

To increase awareness of women's ongoing contributions to the mathematical sciences, the organizations the Association for Women in Mathematics and Math for America co-sponsor a nationwide essay contest. Contestants interview a woman or an individual from an underrepresented gender identity in the mathematics community in a mathematical career about their life and work, and then they write and submit a biographical essay based on their interview.



Association for Women in Mathematics

Act quickly! The **deadline is February 1, 2025**. Submissions are via [Programs in Mathematics](#).

More details about the contest are here: <https://awm-math.org/awards/student-essay-contest/>

Free Peer Tutoring in Calculus Courses

CALCULUS HELP CENTER!

Sunday - Thursday: 7:30 – 10:00pm in the Sorum House Seminar Room