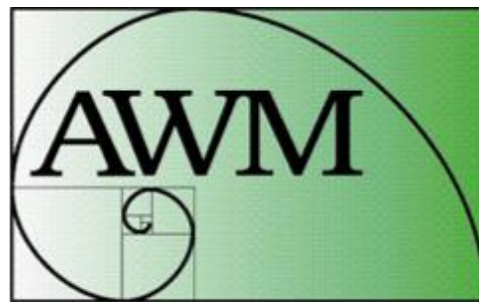


AWM and Math Club Meeting on Monday

Are you interested in becoming more involved in mathematics related events in the math department, in Bailey Hall, at Union, in the community around us? Then consider joining Union's chapter of the Association for Women in Mathematics (AWM) and/or the Math Club.

The AWM and the Math Club will be holding a joint meeting on **Monday, February 19** during **common hour** in **Bailey 204**, the math department common room. The plan is to discuss ideas for future events and ways to connect with the Schenectady community.



Association for Women in Mathematics

HRUMC: Saturday, April 6. Registration Open!

The 30th Hudson River Undergraduate Mathematics Conference (HRUMC) will be **Saturday, April 6th**, at **Keene State College** in Keene, NH. It is a free conference, and the math department will arrange transportation for those interested in attending.

The HRUMC is a one-day mathematics conference attended by students and faculty from colleges and universities throughout New York and New England. It was founded by four colleges, Siena, Skidmore, **Union**, and Williams, with the goal of providing undergraduates with the experience of attending and/or presenting at a professional mathematics meeting. It is the premier regional undergraduate mathematics conference after which several others have been subsequently modeled nationwide.

Students who have attended HRUMC generally rave about the experience, saying how great it was to support the Union speakers, to meet students from other colleges, and to hear about some exciting math that students and faculty at other schools are doing. It is also a great way for underclass math majors to start thinking about their own math theses.

The conference features short, 15-minute talks *primarily by students* and faculty, as well as a keynote address:

Peter Winkler, the William Morrill Professor of Mathematics and Computer Science at Dartmouth College, will present

"Math Puzzles that You'll Think You Must Not Have Heard Correctly"

- If you are interested in **attending the conference**, email **Professor Paul Friedman** (friedmap@union.edu) by **Friday, March 15**. You are also asked to register via the conference website.
- If, in addition to attending the conference, you are interested in **presenting a talk** (based on summer research, a thesis, a project, or problem you enjoyed, etc.) contact a math faculty member to sponsor it. Then you will need to submit an abstract for your talk on the conference website by **Friday, March 22**.

HRUMC website for more information, registration, and abstract submission:

<https://sites.google.com/view/hrumc>



Problem of the Newsletter – February 19, 2024

Congratulations to **Hunter Gould** for solving last week's problem!

This week's problem: A Rascally triangle has a 1 in the first row. Each following row is formed by putting a 1 at each end, and each interior number is 1 more than the sum of the two numbers diagonally above it in the previous row. What is the units digit of the sum of the 2024 entries in the 2024th row?

Submit your solution to **Prof. Paul Friedman** (friedmap@union.edu) by **noon on Friday, February 23**.

Rows 1, 2, 3, 4, and 5

1
1 1
1 3 1
1 5 5 1
1 7 11 7 1
etc.