

# GVSU Math Major Newsletter

This newsletter comes to your inbox each week from the [GVSU math department](#). You can find past newsletters and information about previously announced events and opportunities at the [newsletter webpage](#).

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## Upcoming events

Check out the [calendar of math major events](#) (add it to your calendar at <http://gvsu.edu/s/25s>).

### Featured events:

- **new!** [Applied Math Seminar](#). Join us for the next Applied Math Seminar when Prof. Shandelle Henson of Andrews University will speak on “Climate Change and Tipping Points for Seabird Colonies in the Pacific Northwest.” We’ll be meeting in MAK B-2-118, which is a different room from last time, this coming Friday, March 17, from 1:00 - 1:50. More information, including the zoom link (the password is M@thR0cks2), is available on [this flyer](#).

### Other events:

- [Math and Stats Club “Pie a Professor” Pi Day Fundraiser](#). This event is scheduled to take place during the week of March 14th. Depending on which Professor wins, during that week they will receive a pie in the face along the main intersection between MAK A, B, and C (near the PCS). See this [flyer](#). Students can choose to donate cash (which can be dropped off in the main office), or can choose to venmo (the Venmo QR code is on the flyer).
  - **new!** [Mosaic Lecture](#). This year’s Mosaic Lecture will take place Monday, March 27, 2023 at 7:00 PM in LTT 103. Dr. Joseph Teran will present about Math and the Movies: Modern Scientific Computing Applications.
  - [Virtual Student Math and Stats Research Conference](#). The International Mathematics and Statistics Student Research Symposium (IMSSRS) will take place virtually on Saturday, **April 15**. This is a free conference for all mathematics and statistics students (high school, community college, undergraduate, graduate) to share their research with the rest of the world, to learn about current research topics and to hang out with like-minded math and stat enthusiasts. Presenters must be students, but everyone is welcome as an attendee. Abstract submission and registration deadlines are both **March 24**. To learn more, please visit the [website](#).
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## Opportunities (Jobs, internships, scholarships, ...)

### Featured opportunities:

- **new!** [Alayont Undergraduate Research Fellowship in Mathematics](#). The Alayont Undergraduate Research Fellowship in Mathematics has been developed to provide financial support to students pursuing rigorous, independent scholarship during the academic year, mentored by a faculty member. The award provides student fellows with a \$2,500 fellowship for approximately 10 hours per week for an academic semester. **Application Deadline: May 19, 2023.**
- **new!** [Kindschi Undergraduate Research Fellowship in the Sciences – Summer Application Cycle](#). The Kindschi Undergraduate Research Fellowship in the Sciences provides financial support to students pursuing rigorous, independent scholarship during the academic year, mentored by a faculty member in one of the following areas: aquatic sciences, allied health professions, biology, biomedical sciences, chemistry, computer science, engineering, geology, information systems, mathematics, movement science, physics, and statistics. The award provides students with a paid fellowship per semester, or per academic year, a \$500 project supplies budget per semester, and a \$500 dissemination fund. **Application Deadline for Spring/Summer Semester: April 21, 2023.**

#### **Scholarships:**

- [Lathisms Scholarship](#). This scholarship aims to support Hispanic/Latinx students interested in pursuing a career focused on mathematical sciences; such career paths include, but are not limited to, scientific research, mathematics education, engineering, and finance.
- [Scholarships for students with unpaid internships](#) - up to \$500
- [MI Future Educator Student Teacher Stipend](#) - up to \$9600 for student teachers

#### **Jobs, internships, and other opportunities:**

- [Study Abroad Tanzania 2024](#). Are you eligible to take MTH 495/MTH 496 Spring 2024? As you begin planning your schedules for next year, consider spending May 2024 in Tanzania. You will teach math in local schools, go on a 4-day safari, climb to 9,000 ft on Mt. Kilimanjaro, learn Swahili and local culture, tour a coffee plantation, volunteer in a local orphanage and much more. Applications open July 1.
- [Summer Undergraduate Research Experience \(SURE\) in Data Science and Computational Math](#). Applications due March 15.
- [YSU Bump](#). The Youngstown State University Beginning Undergraduates' Mathematical research Preparation, YSU-BUMP is an introductory Research Experience for Undergraduate students. We are seeking students finishing their freshman or sophomore year who want to experience mathematical research by doing undergraduate research as part of a team.
- [SIAM-Simons Undergraduate Summer Research Program](#). Applications are open! This program will provide research, networking, and mentorship opportunities to U.S. students from underrepresented groups. Participating students will receive a stipend of \$1,000/week and will have their housing, meals, and travel expenses paid. This is an amazing opportunity for students to immerse themselves in applied math, computational science, and/or data science research while simultaneously participating in professional development and community-building activities designed to foster a strong sense of belonging.

- [\*\*Wolfram Summer School\*\*](#). Applications are open for the annual Wolfram Summer School. This year the summer school will be held June 25–July 12 at Bentley University in Waltham, Massachusetts, USA. Students, educators, researchers and entrepreneurs alike will benefit from spending three weeks working closely on a project with our senior developers and Stephen Wolfram himself.
- [\*\*Jackson's Actuarial Team is Hiring!\*\*](#) Jackson's Actuary team has a few different full time needs that would be a great role for a May graduate or a recent grad (within the last 3 years depending on experience). We currently have 3 different roles and the main difference is years of experience and number of completed exams. All 3 positions are posted on Handshake and [Jackson.com](https://www.jackson.com), the roles are Actuarial Student, Actuarial Associate I and Actuarial Associate II.
- [\*\*K-12 Connect Tutor Position\*\*](#). GVSU's K-12 Connect program is actively hiring virtual math tutors to support K-8 students for a February start date! Interviews take place starting this Friday, January 27. Training will start the following week and tutoring will begin by February 6. Are you interested in math tutoring, meet the above availability, and can start ASAP? [Click here to apply!](#)
- [\*\*Peter C. Cook Leadership Academy\*\*](#). Develop your leadership ethos and prepare to build your future. Applications are open through Friday, February 24, 2023, at 11:59 p.m.
- [\*\*Autonomy Technology Research \(ATR\) Center Summer Program\*\*](#). Experience the ATR Center Summer Program, a collaborative research experience to answer Air Force sensing and autonomy technologies, sensor processing and exploitation, object detection, tracking and recognition, navigation, geolocation, malware detection and defense issues.
- [\*\*Free professional memberships!\*\*](#) GVSU students can get a free membership to the Mathematical Association of America (MAA), the world's largest community of mathematicians, students, and math enthusiasts. This membership looks good on your resume, gives you access to all MAA journals and articles, and helps you build a network. To join for free, go to [maa.org](https://maa.org) and click "Join" in the red ribbon on the top right of the webpage. Choose to create a new account, add your email address and other demographic information, and enter your institution's name as Grand Valley State University.
- [\*\*Budapest Semesters in Mathematics\*\*](#) and [\*\*Math Education\*\*](#) - spend a summer studying math or math education at this famous study abroad program!

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## Save the date

**Put these dates on your calendar!**

- [\*\*Mosaic Lecture\*\*](#): Monday, March 27 at 7pm in LTT 103
- Withdraw with a "W" deadline: Friday, March 24 by 5pm.
- Classes end: April 22
- Final Exams: April 24-29

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## One important thing to know

Registration for the 2023-2024 academic year is approaching! Note that registration dates are based on earned credits **plus Winter 2023 attempted credits**. So to figure out the number of credits you have for registration, total up everything you've earned during your time at GVSU, including how many credits you're attempting this semester (Winter 2023). The first day of registration depends on your number of credits according to the following table (also see the [Registration Calendar](#) on the Registrar's website):

<b>SENIOR (85+ CREDITS)</b>
120+ credits: March 21
106-119 credits: March 22
94-105 credits: March 23
85-93 credits: March 24
<b>JUNIOR (55 - 84 CREDITS)</b>
72-84 credits: March 27
62-71 credits: March 28
55-61 credits: March 29

<b>SOPHOMORE (25 - 54 CREDITS)</b>
41-54 credits: March 30
30-40 credits: March 31
25-29 credits: April 3
<b>FRESHMAN (0 - 24 CREDITS)</b>
0-24 credits: April 4
<b>OPEN REGISTRATION</b>
Begins April 5

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If you have any questions about the newsletter, suggestions for things to add, or general advising questions, please email me!

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