

The Brigade Scholarships

Issue: September 2024, Pt 2

Theme: Math

Made By: c/LTC Devin LaBarge - J-2

Scholarships

1. The Leo W. and Alberta V. Thomas Utz Mathematics Scholarship

- Description: A scholarship in the amount of \$4,000 each year for four consecutive years to a student who is majoring in Math. Selection is based on academic merit for students with a minimum GPA of 3.25. Renewal is conditional upon the maintenance of a GPA of 3.25 based on a 4.0 scale used by the educational institution. An official transcript must be submitted to the Office of the Reporter General each year by July 10th or the scholarship is forfeited.
- Deadline: 1/31/25
- Amount: \$4,000
- Eligibility: Academic Merit, majoring in math
- [Link](#)

2. Association for Women in Mathematics Essay Contest

- Description: To increase awareness of women's ongoing contributions to the mathematical sciences, the Association for Women in Mathematics (AWM) and Math for America co-sponsors an essay contest for biographies of contemporary women mathematicians and statisticians in academic, industrial, and government careers. The essays will be based primarily on an interview with a woman currently working in or retired from a mathematical sciences career. Participation is open to middle school, high school, and undergraduate students. Dollar amounts will vary.
- Deadline: 2/1/25
- Amount: Varies
- Eligibility: Female, interested in mathematics
- [Link](#)

3. MathWorks Math Modeling (M3 Challenge)

- Description: MathWorks Math Modeling M3 Challenge is a contest for teams of high school juniors and seniors. Through participation in this competition, students experience what it's like to work as a team to tackle a real-world problem under time and resource constraints, akin to those faced by professional mathematicians working in the industry.
- Deadline: 2/21/25
- Amount: \$20,000
- Eligibility: Junior or Senior in high school
- [Link](#)

4. Hilliard L. "Tack" Gibbs Jr. Memorial Scholarship

- Description: The Hilliard L. "Tack" Gibbs Jr. Scholarship aims to support low-income high school seniors or undergraduate students who are passionate about pursuing a degree in science or mathematics. This scholarship honors the memory of Hilliard L. "Tack" Gibbs Jr., a dedicated physical scientist for the USDA Forest Service.
- Deadline: 11/15/24
- Amount: \$1,000
- Eligibility: Low income, math or science-focused, high schooler
- [Link](#)

5. 2025 Davidson Fellows Scholarship

- Description: This scholarship is for gifted and high-achieving students, age 18 and under. They must have completed a significant piece of work. Application categories are science, technology, engineering, mathematics, literature, music, philosophy, and outside the box.
- Deadline: Opens 11/1/24
- Amount: Up to \$50,000
- Eligibility: Mathematical Ability, Under 18
- [Link](#)

Internships

1. Carnegie Mellon Summer Academy for Math and Science

- Description: For over twenty years, the Summer Academy for Math and Science (SAMS) program has engaged students in a rigorous curriculum taught by faculty and staff who are deeply committed to student success. Led by the Center for Student Diversity & Inclusion, SAMS allows students to develop a deeper understanding of STEM via traditional classroom instruction, through hands-on projects, and sustained engagement with world-renowned faculty and skilled staff mentors. In addition to their academic experiences, students also have the opportunity to collaborate and develop meaningful relationships with peers from across the country.
- Deadline: 2/1/25
- Length: June. 21 to Aug. 2, 2025
- Location: Remote
- Pay/Fee: Fee, Financial aid available
- [Link](#)

2. Yiddish Arts and Academies of North America: Data Analyst Internship

- Description: This data analysis internship is aimed at developing and fostering analytical skills that will enable the intern to perform, evaluate, and present relevant information from both descriptive and predictive statistical analysis on discrete and continuous quantitative data by using different techniques, including but not limited to, linear regression, correlations, Bayesian networks, as well as decision trees. Interns are expected to work independently, as well as to have a basic background in descriptive and predictive statistics, including basic skills in data visualization. Being proficient in the R programming language is a plus but not strictly required.
- Deadlines: N/A, email in link
- Length: N/A
- Location: Virtual
- Pay/Fee: Unpaid
- [Link](#)

3. Bank of America Student Leaders Program (Finance and Math Applications)

- Description: The Bank of America Student Leaders program offers internships to high school students interested in math, finance, and data analysis. Interns work on projects involving mathematical models in economics, business analytics, and community development initiatives.
- Deadline: Opens soon
- Length: TBA
- Location: Local Banks of America
- Pay/Fee: Paid
- [Link](#)

4. AMC 12 Competition

- Description: Founded in 1950, the AMC is the preeminent math competition for students K-12. Today, over 300,000 students in 50 states and over 30 countries take the AMC to bolster their confidence and passion for math. For Grades 11-12 to compete.
- Deadline: N/A
- Length: 11/6/24
- Location: Virtual
- Pay/Fee: Unpaid Competition
- [Link](#)

5. AMC 10 Competition

- Description: Founded in 1950, the AMC is the preeminent math competition for students K-12. Today, over 300,000 students in 50 states and over 30 countries take the AMC to bolster their confidence and passion for math. For Grades 9-10 to compete.
- Deadline: N/A
- Length: 11/6/24
- Location: Virtual
- Pay/Fee: Unpaid Competition
- [Link](#)

Volunteer Opportunities

1. FIRST DIVES presented by Qualcomm

- Description: Bring STEM inspiration, holistic skill building, and fun to your classroom or after-school learning environment with collaborative problem solving during our ocean-themed 2024-2025 robotics season.
- Deadline: N/A
- Length: N/A
- Location: Varies
- [Link](#)

2. Accelerate Scientific Research with Citizen Science

- Description: Thousands of scientists need your help filling gaps in data and knowledge to help accelerate important research! Anyone can participate from anywhere, anytime. No expertise is needed. Just curiosity and a little bit of time! Find any project or event that matches your interests and location, review the instructions, and participate to help Citizen Science in your community!
- Deadline: N/A
- Length: N/A
- Location: Virtual
- [Link](#)

3. Zooniverse Stem Research

- Description: Zooniverse is the world's largest platform for people-powered research. High school students can participate in a wide variety of projects across different fields of science, including astronomy, biology, and physics, by helping analyze real scientific data.
- Deadline: Varies per project
- Length: Varies per project
- Location: Virtual
- [Link](#)

4. BizTown Corporate and Community Volunteer

- Description: Volunteers help 5th-grade students run their shops during our BizTown simulation in which students learn about jobs, money, and their local economy. Make a lasting impact on the next generation by becoming a Junior Achievement volunteer. Share your professional expertise and personal experiences to guide students toward a fulfilling career and life. We offer a variety of in-person and virtual volunteer opportunities to fit your schedule. Whether you choose to teach JA curriculum, mentor high school students, or assist at our events, you'll be making a difference in the lives of young people.
- Deadline: Varies for different opportunities
- Length: Day long
- Location: Junior Achievement of San Diego County, 4756 Mission Gorge Pl, San Diego, CA 92120
- Pay/Fee: None
- [Link](#)

5. JRMF Math Volunteer

- Description: JRMF relies on volunteers to help create magical math moments for kids. We have a number of ways to get involved, from playing math puzzles in a virtual classroom to hosting your own festival. JRMF relies on volunteers to help create magical math moments for kids. We have a number of ways to get involved, from playing math puzzles in a virtual classroom to hosting your own festival.
- Deadline: Varies per Event
- Length: Day long
- Location: Virtual
- [Link](#)