

QED QUARTERLY

The Newsletter of CU Boulder Math Club



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HOW TO FIND AN INTERNSHIP

Internships are important professional opportunities early in a student's career and employers say that internship experience is the number one reason they'll hire one college graduate over another.

Don't know where to start or feeling stuck in your internship search? No problem! Join CU-Boulder Career Services to learn about strategies for finding, applying for and successfully getting internships.

Topics we will cover will be customized to students in the room but may include:

- Where to search online
- How to lean on your own network
- Attending fairs and virtual recruiting events
- Alternative ways to connect with employers
- Getting application materials ready
- How to interview

Thursday, December 9 at 3:00pm to 4:00pm (Virtual Event)

RSVP for the event in Handshake: <https://boulder.joinhandshake.com/login>

NEW TRAVEL FUNDS!!

MATHEMATICS UNDERGRADUATE TRAVEL GRANT

The Department of Mathematics accepts applications for travel grants for up to \$250 for in-state conferences and up to \$500 for out-of-state conferences. No moneys are awarded for international travel. These awards are given to facilitate educational and professional development through conference participation by an undergraduate student presenting a paper or poster in Mathematics.

The awards are given as reimbursements. Travel grant applications will be considered on a rolling basis (September 1 – August 31). Awards will be given as a first come, first served basis since there are limited funds available.

Application requirements include:

- Proof of acceptance of paper/poster (e.g., acceptance letter/email, program, abstract, etc.)
- Student's name, degree plan, and expected graduation
- Destination & name of conference
- Dates of Conference
- Estimated expenses and amount requested
- Description of additional financial support, if any
- Name of faculty advisor(s)
- Faculty advisor's approval for the travel
- A paragraph on the summary of request, including description of benefits & opportunities

Eligibility Requirements:

- The applicant must be a full-time undergraduate student, majoring in Mathematics, in good academic standing, and the travel must occur while the applicant is a current student.
- We are not able to provide funding for virtual conference attendance.
- The applicant must be traveling to a meeting or conference to present their own work or work on which they are the primary author.
- If student received travel grant funding from the Mathematics Undergraduate Travel Grant during the last application year, the student may not apply during this cycle.

Applications are accepted throughout the academic year and are reviewed by the Director of Undergraduate Research. Please submit applications requirements (or questions) to divya.vernerey@colorado.edu.

Information for University of Colorado funding opportunities for undergraduate presenting at conferences can be found within the Professional and Academic Conference Endowment (PACE) website: <https://www.colorado.edu/pace/>

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Math Undergraduate Research Opportunities

- **Experimental Mathematics Lab:**

A student and faculty community for experimental mathematical research and outreach. Projects run during Fall and Spring semesters. *For further information, see*

<https://www.colorado.edu/math/content/experimental-mathematics-lab>.

- **Summer Internal Math REU:**

Internal Math research experience for undergraduates (REU) during the summer months, typically, between their junior and senior years; get paid a stipend to work on a research project. Project topics will be announced on February 7, 2022 and student proposals for summer funding are due on **March 4, 2022**. *For past project information, see* <https://www.colorado.edu/math/summer-research-past-projects>.

- **College of Arts and Science Honors Program:**

Current/continuing students with a 3.3+ GPA can self-enroll in honors courses, and begin working on an department honors thesis project in the junior year and defend their thesis in the senior year to be graduate with Latin honors: cum laude, magna cum laude, or summa cum laude. Deadlines: Early October of your graduation year. *For information, see* <https://www.colorado.edu/honors/>

- **Independent Study (MATH 4900):**

Can get between 1 to 3 hours CU credit. *For information, contact Mathematics, Statistics, and Data Science advisor, Mr. Cole Gladhart.*

- **CU Undergraduate Research Opportunity Program (UROP):**

Proposals for Summer 2022 and Academic Year 2022-23 term funding are due **February 18, 2022**. *For information, see* <https://www.colorado.edu/urop/grants/student-grants/student-grants-guide>



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QUESTIONS?

Newsletter written by Dr. Divya Vernerey
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CU-Boulder Mathematics Department

Students wanting to write for the
QED Quarterly should email
divya.vernerey@colorado.edu.

INFORMATION RESOURCE

The CU Math Department website is a great resource for students. Within the Undergraduate Program tab, you can learn about our various undergraduate resources including Math Club events and tutoring/grading opportunities. Further there is information regarding both undergraduate research and undergraduate industry initiatives.

We highly suggest taking some time to explore all of this information to advocate for your undergraduate academic program!

<https://www.colorado.edu/math/>