



# Research Opportunities at Mines



by Keegan Harford

For the prospective student researcher, it can be intimidating to find a project to work on. Students, regardless of where they are in their education, are likely to have worries about if they are qualified to work directly with faculty. When first reading about a project that looks interesting, you will inevitably come across words you don't understand. While you may feel underqualified and want to postpone applying for the position, you really shouldn't. In doing so, you would be overlooking your most important qualification: passion.

Passion is the quality that makes faculty want to work with you. Even if you don't get a position the first time you apply, you will have demonstrated your desire and commitment, which will make it easier for you to get a position later. Ultimately, I believe that finding the project you are passionate about is the most important step to becoming a researcher. To help with this, I have outlined some of the ways undergraduate students can discover research projects at Mines.

## Freshman Innovation and Research Scholar Training (FIRST) Fellowship

This fellowship for first-year students allows you to work with a faculty or graduate student mentor to learn about a field of research, research a topic, and present it at the Undergraduate Research Symposium.

## Bridge Opportunities for Transfer Student Success

This program allows transfer students to conduct research in the summer months while transitioning from community college to Mines.



## Mines Undergraduate Research Fellowship (MURF)

This fellowship is for any undergraduate student. There is a massive list of projects on the Mines Undergraduate Research page for you to investigate. GPA requirements, time commitment, and skill demands vary greatly between the projects; keep digging and you will find a project you can work on.

## Independent Study

Look for faculty to advise you in an independent study course. These courses allow you to conduct research for academic credit. Check the Registrar's page on independent study for more information.

## Department Pages

Department pages have information about faculty and their work. If you find someone with research that interests you, reach out to them and ask if they have space for an undergraduate researcher.

# Reuleaux Needs You!

Reuleaux is always looking for submissions from undergraduate researchers who want their work showcased!

If you are an undergraduate researcher working on a project, writing a manuscript, or preparing a presentation for the annual MURF Symposium, submit to Reuleaux today!

Go to <https://www.mines.edu/undergraduate-research/reuleaux/>

Click on the Submissions Tab  
Fill out the Submissions Form  
Upload your research!

Once your piece is submitted, it will be reviewed on a rolling basis by Reuleaux editors. If your piece is accepted, Reuleaux editors will contact you to begin collaborative development of your piece for the next edition of Reuleaux!

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