

# Research Opportunities

for undergraduates

For more information contact:

Sharon Anderson

Grace Griffith

ceasugresearch@colorado.edu

colorado.edu/engineering/students/research

## College of Engineering and Applied Science

Program name	About	Dates	Credits/Pay	Deliverables/ Final project	Time commitment	Eligibility/ Requirements
<b>Colorado Space Grant Consortium</b>	Space Grant is an interdisciplinary program, funded by NASA, with opportunities for first-year through graduate students. All projects are student managed, constructed, tested and flown.	Positions advertised at the beginning of each semester. <b>Summer</b> positions advertised in <b>April</b> .	Varies by lab	Varies by lab	At least five hours a week. Summer opportunities can go up to 40 hours a week.	Some positions require specific skills or experiences, but many positions only require the interest to learn and be part of a project.
<b>CU SPUR</b>	CU Summer Program for Undergraduate Research is a 10-week program.	Apply in <b>February/March</b> . Notified in <b>mid-April</b> . Program runs 10 weeks, <b>June-August</b> .	\$16/hr	PowerPoint presentation in final week.	Approx 30 hr/wk during summer, up to 300 hours.	Must be available entire 10 weeks. Must be a CEAS student in good academic standing. Prior SPUR & DLA students are not eligible.
<b>DLA</b>	The Discovery Learning Apprenticeship Program runs during the fall and spring semesters each year.	Apply in <b>April/May</b> , notified by early <b>July</b> .	\$16/hr	Present work in small groups in the spring. Top presenters show work in poster format at DLA symposium in April.	Approx 10 hrs/wk during the fall and spring semesters, up to 300 hours.	Must be a CEAS student in good academic standing. Prior SPUR & DLA students are not eligible.
<b>NIST SURF</b>	The Summer Undergraduate Research Fellowship is designed to inspire UG students to pursue careers in STEM.	Application Opens <b>Mid-November</b> . Deadline to submit <b>February 1</b> .	Stipend of \$6,6000 for 11 weeks. Up to \$4,500 housing allowance.	Attend NIST SURF Student Colloquium.	May - August each year for 11 week full time program.	Open to U.S. Citizens and Permanent residents enrolled UGs at U.S. college.
<b>Research Experiences for UGs (REU)</b>	An REU Site consists of a group of 10 UGs who work in the research programs of the host institution.	Applications open in <b>December</b> , deadline to apply varies, but usually <b>March</b> .	\$600/wk stipend, on campus housing, living allowance, travel reimbursement.	Poster	May-August depending on the REU site.	Open to U.S. Citizens and Permanent residents of the U.S. or its possessions. REU site may be a U.S. or foreign location.

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<b>SMART</b>	Summer Multicultural Access to Research Training. The university offers this 10-week summer research internships for rising juniors and seniors. The program aims to improve access to research for groups that are underrepresented and for first-generation college students who are economically disadvantaged.	Apply in <b>February</b> . Must apply through Leadership Alliance Summer Research Early Identification Program SR-EIP	» \$5,500 stipend » Tuition for upper division UG credit in Independent Study » Room/board » Transportation to/ from Boulder	» Research project proposal » Thesis paper » SMART Research Symposium » SMART Poster Session	10 weeks in the summer.	Current UG with GPA of 3.0 or higher. Completed at least two semesters and have at least one semester remaining. 18 or over, US Citizen or permanent resident. Interest in PhD or MDPH.
<b>STEM Routes Uplift Research Program</b>	8-week Shadowing Period followed by a 16-week Guided Research Period.	Application Period for Fall is <b>September</b> . Shadow Period begins <b>October</b> with Guided Research Period in <b>January</b> .	8-week Shadowing Period - \$500 stipend 16-week Guided Research Period-\$2500 stipend	1-page paper summarizing the project they shadowed. 3-minute elevator pitch and oral presentation or poster at the conclusion of a guided research experience.	5-10 hours per week.	Must be a CU Boulder student.
<b>UROP</b>	The Undergraduate Research Opportunities Program provides funding for undergraduate participation in faculty-mentored research projects.	Applications are due each year in mid-February for the following summer and academic year funding.	Funding is paid as stipend and students may arrange credit for their work.	Submit a progress update and a final survey with an optional report.	Varies by project	Full-time students only. No limit on the total number of grants received, but only one grant per term.
<b>Work-Study</b>	Students who have received a work-study award as part of their financial aid package are eligible to work in research labs. If you receive work-study as part of your financial aid package, you can reach out to faculty you are interested in working with and let them know.	Awards require students to start and stop working based on a calendar similar to the academic year.	Hourly pay.	Varies by lab.	Varies by lab.	In order to determine eligibility for work-study, students must first submit the Free Application for Federal Student Aid (FAFSA).
<b>YOU'RE@CU</b>	The Your Own Undergraduate Research Experience at CU Program is open to undergraduate and graduate students, linking them together for shared research and experience.	Applications due mid-December each year.	1 credit seminar course	Create poster about experience with graduate student mentor.	3-5 hours per week.	Must be a CEAS student in good academic standing.

### Other opportunities - Ask faculty directly

<b>Hourly employee</b>	Students can work as a researcher in an hourly position.
<b>Independent study</b>	Independent Study is provided to fill an academic need of importance to the student that cannot be filled by the regular curriculum. It is up to the student to coordinate this experience with a faculty member.
<b>Volunteer</b>	Students can volunteer to work in a lab to gain experience.



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