

REU SITES AND OTHER RESEARCH OPPORTUNITIES IN COLORADO AND WYOMING

<u>Site Name</u>	<u>Site URL</u>	<u>Location/Department</u>	<u>City</u>	<u>Research Topics/Keywords</u>
An Interdisciplinary Undergraduate Research Experience in Solar and Space Physics: The University of Colorado and Its Consortium Partners	http://lasp.colorado.edu/reu/	CU Boulder - Lab for Atmospheric and Space Physics	Boulder, CO	solar physics, space physics, climate science, magnetosphere, heliosphere, upper atmosphere, Sun-Earth system
Machine Learning - Theory and Practice	http://www.cs.uccs.edu/~jkalita/reu.html	UCCS - Computer Science	Colorado Springs, CO	Incremental learning, meta-learning, learning in streams, large-scale learning, natural language processing, intelligent compilers, mobile software testing, biomedical brain signal processing
Materials Research Science and Engineering Center (MRSEC)	http://lcmrc.colorado.edu/outreach/undergraduates.html#UROP	CU Boulder	Boulder, CO	Liquid crystals, optical materials and devices
Research Experiences for Undergraduates in Climate Science at Colorado State University	http://kiwi.atmos.colostate.edu/esmei/reu.html	CSU - Atmospheric Science	Fort Collins, CO	atmospheric science, atmospheric chemistry, air quality, severe storms, mesoscale meteorology, remote sensing, climate dynamics, climate modeling, atmospheric dynamics
REU Site: Achieving heightened goals- Undergraduates Research in Ecology at the Mountain Research Station	http://www.colorado.edu/eeb/EEBprojects/reu/	CU Boulder - Institute of Arctic and Alpine Research, Mountain Research Station	Boulder, CO	Biology, ecology, evolution, behavior
REU Site: Chemistry Applied to Real World Problems - Chemical Sciences at CSU	http://www.chem.colostate.edu/reu/	CSU - Chemistry	Fort Collins, CO	Materials chemistry, atmospheric and environmental chemistry, polymer chemistry, inorganic chemistry, organic chemistry, physical chemistry, chemical biology
REU Site: Engineering Applications of Extreme Ultra-Violet (EUV) Laser Light	http://euverc.colostate.edu/education/REU/REU.shtml	CSU - Electrical Engineering	Fort Collins, CO	X-ray optics, lithography, microscopy, nanotechnology, laser science, electrical and computer engineering, physics
REU Site: Environmental Sustainability	http://www.colorado.edu/reu	CU Boulder - Civil, Environment & Arch. Engineering	Boulder, CO	Environmental Engineering
REU Site: Field Research in Ecology and Evolutionary Biology at the Rocky Mountain Biological Laboratory	http://www.rmbl.org/		Gothic, CO	field research, ecology, evolutionary biology, ecological genomics
REU Site: Physics/JILA	http://www.colorado.edu/physics/Web/reu	CU Boulder - Physics	Boulder, CO	Atomic, Molecular, Optical and Condensed Matter Physics

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REU Site: Program in Biorefining and Biofuels	http://www.c2b2web.org/7JobsUnd_REU.php	CU Boulder - Chemical Engineering	Boulder, CO	Renewable/Sustainable Energy, Chemical & Biological Engineering, Chemistry, Molecular Biology
REU SITE: Program in Molecular Biosciences	http://www.bmb.colostate.edu/reu.cfm	CSU - Biochemistry and Molecular Biology	Fort Collins, CO	biochemistry, neurobiology, cell biology, infectious diseases, structural biology, plant biology, cardiac biology, DNA repair, radiation biology, gene regulation, chromatin, developmen
REU Site: Research Experience for Community College Students (RECCS) in Critical Zone Science	http://cires.colorado.edu/education/outreach/projects/reccs/	CU Boulder - Cooperative Institute of Research in Environmental Science (CIRES)	Boulder, CO	Critical Zone Science
Significant Opportunities in Atmospheric Research and Science (SOARS)	http://www.soars.ucar.edu/	National Center for Atmospheric Research	Boulder, CO	Atmospheric Science, solar physics, computational methods
Site: Research Experiences for Undergraduates in Renewable Energy	http://remrsec.mines.edu/reu.htm	Colorado School of Mines - Physics	Golden, CO	Next Generation Photovoltaics, Advanced Membranes
REU Site: Wyoming Astronomy	http://www.uwyo.edu/physics/reu-info/index.html	University of Wyoming - Physics and Astronomy	Laramie, WY	astronomy, astrophysics, instrumentation
Colorado School of Mines - "DMREF/Collaborative Research: Computationally Driven Targeting of Advanced Thermoelectric Materials"		Colorado School of Mines - Physics	Golden, CO	
National Renewable Energy Laboratory	www.nrel.gov	NREL	Golden, CO	
UNAVCO	www.unavco.org	UNAVCO	Boulder, CO	NSF facility supporting geodetic research and education.
UCCS Military STEM Scholarship Program		UCCS - Biology	Colorado Springs, CO	
National Ecological observatory Network (NEON)	http://bit.ly/NEONIntern17d	NEON	Boulder, CO	Aquatic Ecology, Quantitative Ecology, GIS, Remote Sensing, Field Ecology & Beetle Taxonomy, Ecology & Remote Sensing (Foliar Chemistry)
CSU - Integrative Agroecology and Sustainability Summer Research Fellowship Program 2017	http://studentacademic.agsci.colostate.edu/integrative-agroecology-and-sustainability-summer-research-fellowship-program-2017/	Agricultural Sciences	Fort Collins, CO	Spend your summer conducting research that addresses complex challenges in global food security and environmental change. Get paid to explore your scientific, and cultural interests as you work side by side with leading scientists at Colorado State University.