

CO-WY AMP Summer Research Initiative (SRI) Partners

Rev: 2/1/2018

<u>REU Application Deadline</u>	<u>Institution</u>	<u>City</u>	<u>Site Name</u>	<u>Site URL</u>	<u>Department</u>	<u>Research Topics/Keywords</u>
early February 2018	CU Boulder	Boulder	An Interdisciplinary Undergraduate Research Experience in Solar and Space Physics: The University of Colorado and Its Consortium Partners	http://lasp.colorado.edu/reu/	Lab for Atmospheric and Space Physics	solar physics, space physics, climate science, magnetosphere, heliosphere, upper atmosphere, Sun-Earth system, space weather; Participating institutions include NCAR High Altitude Observatory, NOAA Space Environment Center (both in Boulder, CO), and Center for Integrated Space Weather Modeling (Boston, MA)
early February 2018	CU Boulder	Boulder	Materials Research Science and Engineering Center (MRSEC)*	http://lcmrc.colorado.edu/outreach/undergraduates.html#UROP		Liquid crystals, optical materials and devices; *No active agreement in place yet with CO-WY AMP
Not yet funded for 2018, will know in Jan/Feb	CU Boulder	Boulder	REU Site: Achieving heightened goals- Undergraduates Research in Ecology at the Mountain Research Station	http://www.colorado.edu/eeb/EEBprojects/reu/	Institute of Arctic and Alpine Research, Mountain Research Station	Biology, ecology, evolution, behavior
early February 2018	CU Boulder	Boulder	REU Site: Physics/JILA*	http://www.colorado.edu/physics/Web/reu	Physics	Atomic, Molecular, Optical and Condensed Matter Physics; *No active agreement in place yet with CO-WY AMP
Not yet funded for 2018, will know in Jan/Feb	CU Boulder	Boulder	REU Site: Research Experience for Community College Students (RECCS) in Critical Zone Science*	http://cires.colorado.edu/outreach/RECCS	Cooperative Institute of Research in Environmental Science (CIRES)	Critical Zone Science; *Program is limited to community college students from Colorado.
	UNAVCO	Boulder	University NAVSTAR Consortium	http://resess.unavco.org/		NSF facility supporting geodetic research and education. Research Experiences in Solid Earth Science for Students (RESESS) internships.
early April, 2018	UCCS	Colorado Springs	Machine Learning in Natural Language Processing and Computer Vision	http://www.cs.uccs.edu/~jkalita/reu.html	Computer Science Department	Natural language processing, syntax, semantics, information retrieval, computer vision, face recognition, incremental learning, large-scale learning, artificial neural networks, deep learning
early March 2018	CSU	Fort Collins	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	Successful applicants will have strong interest/experience in agroecology and sustainability research that is typically explored through Agricultural Sciences, Business, Environmental Sciences, Life Sciences, Natural Sciences, or Sustainability Sciences majors. 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.
early February 2018	CSU	Fort Collins	Research Experiences for Undergraduates in Climate Science at Colorado State University	http://kiwi.atmos.colostate.edu/esmei/reu.html	Atmospheric Science	atmospheric science, atmospheric chemistry, air quality, severe storms, mesoscale meteorology, remote sensing, climate dynamics, climate modeling, atmospheric dynamics
	CSU	Fort Collins	REU Site: Chemistry Applied to Real World Problems - Chemical Sciences at CSU	http://www.chem.colostate.edu/reu/	Chemistry	Materials chemistry, atmospheric and environmental chemistry, polymer chemistry, inorganic chemistry, organic chemistry, physical chemistry, chemical biology

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early February 2018	CSU	Fort Collins	REU Site: Engineering Applications of Extreme Ultra-Violet (EUV) Laser Light	http://euverc.colostate.edu/education/REU/REU.shtml	Electrical Engineering	X-ray optics, lithography, microscopy, nanotechnology, laser science, electrical and computer engineering, physics
early February 2018	CSU	Fort Collins	REU SITE: Program in Molecular Biosciences	http://www.bmb.colostate.edu/undergraduates/reu/program-description/	Biochemistry and Molecular Biology	biochemistry, neurobiology, cell biology, infectious diseases, structural biology, plant biology, cardiac biology, DNA repair, radiation biology, gene regulation, chromatin, development
1/29/2018	CSU	Fort Collins	Sustainable Urban Water Transdisciplinary Research Program for Undergraduates	https://erams.com/UWIN/urp/	Urban water system sustainability	
	CSU	varies	RMSSN Summer Academy and pollinator hotshot crew	https://rmssn.wordpress.com/attend/rmssn-summer-academy/2015-summer-academy-application/		Environment and sustainability; U.S. National Park Service and spend a week in Grand Teton National Park and Yellowstone National Park; Involved with helping identify critical declines in pollinators for national parks;
	NREL	Golden	National Renewable Energy Laboratory	www.nrel.gov		
early March 2018	Mines	Golden	Site: Research Experiences for Undergraduates in Renewable Energy	http://remrsec.mines.edu/reu.htm	Physics	Next Generation Photovoltaics, Advanced Membranes
early February 2018	Rocky Mountain Biological Laboratory	Gothic	REU Site: Field Research in Ecology and Evolutionary Biology at the Rocky Mountain Biological Laboratory	http://www.rmbl.org/		field research, ecology, evolutionary biology, ecological genomics
early February 2018	Univ of Wyoming	Laramie	REU Site: Wyoming Astronomy	http://www.uwyo.edu/physics/reu-info/index.html	Physics and Astronomy	astronomy, astrophysics, instrumentation
	Cary Institute of Ecosystem Studies	Millbrook, NY	Cary Institute's Research Experiences for Undergraduates	http://www.caryinstitute.org/students/reu-program	Ecology	