

CO-WY AMP

- **2020 Summer Research Initiative**
(cowyamp.colostate.edu/sri.shtml)
- **2020 International Research Experience**
(cowyamp.colostate.edu/ire.shtml)

Summer Research Initiative

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- **Students are provided housing and a stipend (typically \$500/per week)**
- **CO WY AMP has established relationships with Research Experience for Undergraduate programs (REU) in Colorado and Wyoming.**
 - **Summer Research Initiative 2019-2020 Lab and REU listing**

Summer Research Initiative

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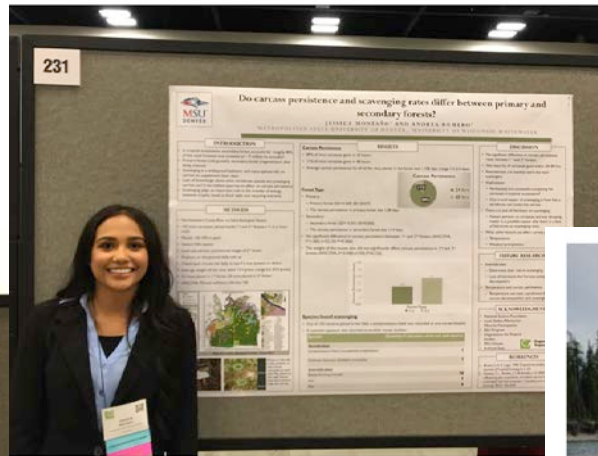
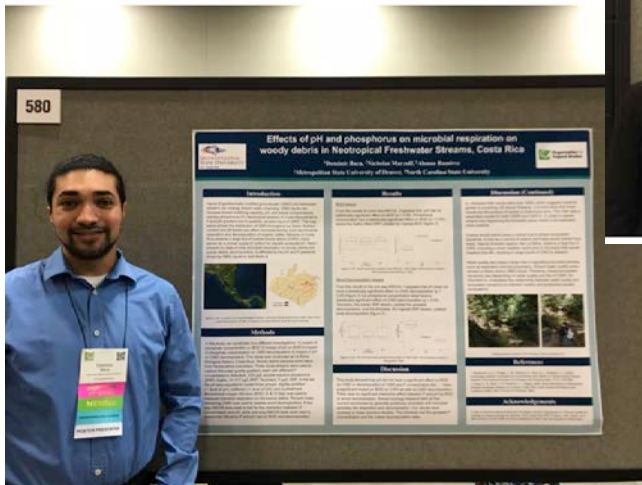
Date Revised: 11/1/2019

<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>
31-Jan-20	Colorado State University	Fort Collins, CO	Research Experiences for Undergraduates in Climate Science at Colorado State University	http://esmei.colostate.edu/reu.html	Atmospheric Science	atmospheric science, atmospheric chemistry, air quality, severe storms, mesoscale meteorology, remote sensing, climate dynamics, climate modeling, atmospheric dynamics
mid Feb 2020	Colorado State University	Fort Collins, CO	REU Site: Chemistry Applied to Real World Problems - Chemical Sciences at CSU	https://www.chem.colostate.edu/summer-programs/summer-programs/	Chemistry	Materials chemistry, atmospheric and environmental chemistry, polymer chemistry, inorganic chemistry, organic chemistry, physical chemistry, chemical biology
1-Feb-20	Colorado State University	Fort Collins, CO	REU Site: Program in Molecular Biosciences	https://www.bmb.colostate.edu/reu-program-description/	Biochemistry and Molecular Biology	biosciences, cell biology, molecular biology, microbiology, biophysics, structural biology, neurobiology, nutrition, physiology, developmental biology, genetics, marine biology, bioinformatics
mid Feb 2020	Rocky Mountain Biological Laboratory	Gothic, CO (Crested Butte, CO)	REU Site: Research Training in Place-Based Field Research	http://www.rmb.org/students/undergraduates-beyond/summer-education-programreu/		biosciences, ecology, evolutionary biology
Tentative REU partner	University of Colorado Boulder	Boulder, CO	Solar and Space Physics with the Boulder Solar Alliance	http://lasp.colorado.edu/home/education/reu/	Lab for Atmospheric and Space Physics	solar physics, space physics, climate science, magnetosphere, heliosphere, upper atmosphere, Sun-Earth system, space weather
Tentative REU partner	University of Colorado Boulder	Boulder, CO	Materials Research Science and Engineering Center (MRSEC)	http://smrc.colorado.edu/outreach/undergraduates.html		Liquid crystals, optical materials and devices
Tentative REU partner	University of Colorado Boulder	Boulder, CO	REU Site: Physics/JILA	http://www.colorado.edu/physics/Web/reu	Department of Physics	Atomic, Molecular, Optical and Condensed Matter Physics
1-Feb-20	University of Colorado Boulder	Boulder, CO	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

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	Organization for Tropical Studies	Costa Rica	REU for U.S. Underrepresented Minority Students Summer Program in Costa Rica	https://tropicalstudies.org/course/reu/		With funding from the National Science Foundation's LSAMP Program, OTS offers a research experience for students from NSF LSAMP Alliance member institutions.
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International Research Experience

(cowyamp.colostate.edu/ire.shtml)

- **Students are provided transportation and additional funds to cover housing or incidental costs as needed.**
- **Have a clear scope of STEM research or field experience.**
- **A two-week (or longer) period.**

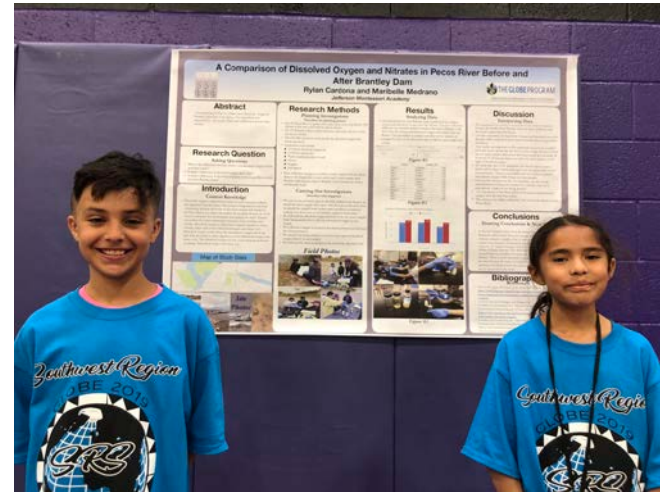
How to apply

- Got to the website and download application
- Return completed applications and required essay to Dr. Hsiu-Ping Liu (hliu1@msudenver.edu)
- Application deadline: February 1, 2020 for Summer Research Initiative; rolling deadline for International Research experience
- Applications being accepted now!

MULTI Student Research Symposium (SRS)

Saturday, February 8

Metropolitan State University of Denver



- Students in Grades K-12 share their research with peers and scientists
- Undergraduates share their research with younger students and review K-12 team projects
- Focus on Field Data Collection and Analysis

Modeled After GLOBE Program Regional SRS

The Global Learning and Observations to Benefit the Environment (GLOBE) Program is an international science and education program that provides students and the public worldwide with the opportunity to participate in data collection and the scientific process.

MULTI hosted the GLOBE Regional SRS in 2017 (Denver) and 2018 (Boulder)

SEEKING CO-WY AMP STUDENTS!

- Present Your Undergraduate Research to younger students and scientists
- Mentor students as “Reviewers” for student research presentations
- Tell students about our great STEM programs at MSU
- **Stipend Provided by MULTI Grant for your efforts**

- Additional stipends available for Classroom Visits at area schools

Questions?

For SRI and IRE, please contact
Dr. Hsiu-Ping Liu, hliu1@msudenver.edu

For SRS, please contact Dr. Richard Wagner,
wagnerri@msudenver.edu



METROPOLITAN STATE UNIVERSITY™
OF DENVER