



Science Initiative News

Fall 2019

PROGRAM UPDATES

This semester, **WRSP** welcomes 16 new scholars from 6 states and 6 Wyoming counties. The scholars represent 9 departments on campus. 2019 sees the largest total enrollment of scholars to date, expected at 51. 12 of the scholars are generously funded by the School of Energy Resources.

LAMP hosted its annual Summer Institute on Active Learning at Sheridan College June 3-7. 23 educators from UW and 3 Wyoming community colleges participated. 16 of these educators were from UW (representing 4 colleges: Arts & Sciences, Health Sciences, Agriculture & Natural Resources, and Engineering & Applied Science), and 6 others represented LCCC, NWC, and Sheridan College.

**WRSP HAS PROVIDED
UNDERGRADUATE STUDENTS
FROM 17 WYOMING COUNTIES**



**WITH TRANSFORMATIVE,
CUTTING-EDGE
RESEARCH EXPERIENCES**

**LAMP HAS TRAINED 97 INSTRUCTORS
FROM 5 WYOMING INSTITUTIONS
IN ACTIVE LEARNING TECHNIQUES**



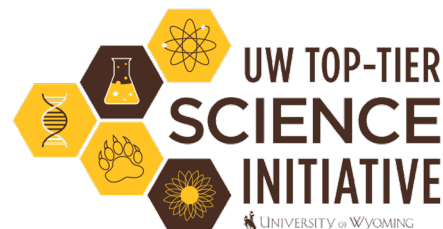
IMPORTANT DATES

- WRSP and other programs, including NASA Space Grant, INBRE, and the Honors College, will host another Speed Mentoring event on **October 24th**. To read about last year's event, [click here](#).
- The application for the 2020/2021 LAMP Fellows program will open in **December of 2019**. All UW faculty and PhD students in STEM fields are eligible to apply. For more information, visit uwyo.edu/lamp or email Rachel Watson, Director of LAMP, at rwatson@uwyo.edu.

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 uwyo.edu/science-initiative



SCIENCE INITIATIVE ROADSHOW

The Science Initiative Roadshow traveled to Riverton on August 23rd to kick off [a large, problem-based learning project](#) with 7th graders in collaboration with the City of Riverton and Ingberg Miller Engineering firm. The Science Initiative team and collaborators helped the 7th graders get ready to assist in finding solutions to the remediation of Riverton's decommissioned landfill. The 7th graders will also travel to Laramie for more activities on October 7th. The Roadshow will also travel to Thunder Basin High School in Gillette to bring active learning to physics and chemistry classrooms in conjunction with UW's statewide engagement tour on September 19th. Other Roadshow visits around the state are still being planned for this semester.

STATEWIDE ENGAGEMENT TOUR

Science Initiative faculty and students will be joining UW's "Wyoming Needs More Cowboys" statewide engagement tour this year, speaking about STEM activities at UW and facilitating hands-on activities for students around the state. Tentatively, representatives from the Science Initiative will join the tour for the following stops:

Gillette - September 19, 2019

Cody and Powell - October 10, 2019

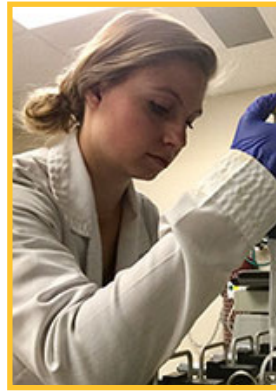
Rawlins - November 7, 2019

Newcastle - December 5, 2019

Rock Springs - January 25, 2020



STUDENT PROFILES



WRSP Scholar

Olivia Glassock

Hometown: Buffalo, WY

Major: Kinesiology & Health Promotion

Faculty Mentor: Guanglong He

Research Project: Effects of obesity on the cardiovascular system



LAMP Learning Assistant

CJ Stewarts (pictured left)

Hometown: Rock Springs, WY
Education Post-Baccalaureate Student

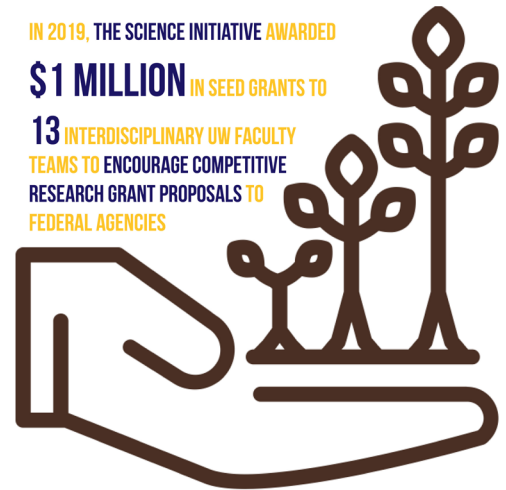
Faculty Mentor: Michele Larson

CJ will be assisting Dr. Larson in teaching LIFE 2023 this semester.

IN 2019, THE SCIENCE INITIATIVE AWARDED

\$1 MILLION IN SEED GRANTS TO

13 INTERDISCIPLINARY UW FACULTY TEAMS TO ENCOURAGE COMPETITIVE RESEARCH GRANT PROPOSALS TO FEDERAL AGENCIES



THE SCIENCE INITIATIVE ROADSHOW

HAS REACHED **2,300** K-12 STUDENTS

IN **12** WYOMING COMMUNITIES SINCE 2018

