



NSF EPSCoR

MARCH 2017 ISSUE

NCET CAFE

NEVADA'S CENTER FOR ENTREPRENEURSHIP AND TECHNOLOGY

Dr. Sage Hiibel, UNR will discuss membrane water treatment which is part of his research from the Solar Energy Nexus project on NCET Cafe, April 19, 2017 at 3:00 pm in The Basement, Reno, NV, <http://ncet.org/category/tech-cafe/>

The focus is research on membrane distillation and forward osmosis low energy alternatives for producing clean water. His two results are:

1. Treating and recycling the water used from solar panels in the Nevada desert; and
2. Treatment of wastewaters for our military on foreign operating bases.



WELCOME

NSHE SSPO/EPSCoR STAFF

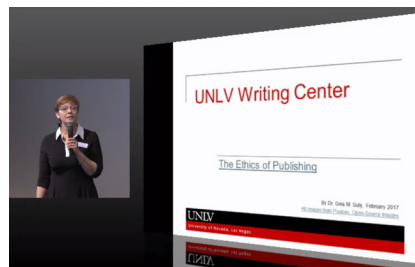
Mayara Cueto-Diaz is the NSF Program Coordinator for the Nevada System of Higher Education System Sponsored Programs and EPSCoR Office. In this role, she assists the Research Administrator with NSF EPSCoR progress reporting and account management and the Educational Outreach and Diversity (EOD) Administrator with scholarship competitions and the development and implementation of a student peer ambassador program. She is also responsible for maintaining project websites and databases and for coordinating meetings and events related to the NSF projects. Mayara holds a Bachelor's Degree in Sociology from the University of Nevada, Las Vegas.



PUBLICATIONS

GRADUATE STUDENT WRITING FOR PUBLICATIONS WORKSHOP SERIES

A four part workshop series recently held via UNLV live stream provided UNLV and UNR graduate students scaffolded instruction about publishing their research. The series focused on ethics of publication; finding the right journal for your work; revising for publication; and editing and proofreading for publication. The workshops were presented by the Nevada System Sponsored Programs and EPSCoR through the University of Nevada, Las Vegas Writing Center. Workshops in their entirety are available at:



<https://solarnexus.epscorspo.nevada.edu/research/graduate-publication-series/>



Bonnie Cryderman is the Grants Accountant for the Nevada System of Higher Education System Sponsored Programs and EPSCoR Office. Bonnie was born and raised in a rural community of the U.P. (Upper Peninsula) of Michigan. She is commonly referred to as a Yooper. Bonnie graduated with a Bachelor of Business degree from Baker College of Muskegon, Michigan. She has twenty years of experience working in different industries of business: accounting, distributing, health department, manufacturing, veteran's administration, mortgage, Native American education, private education and public education. Bonnie comes to NSHE from The University of Tennessee Department of Public Health.

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2016 ACCT/UNR Rover Team, NASA Marshall Space Flight Center

90%

OF ROVER TEAM STUDENTS PURSUE A STEM DEGREE IN COLLEGE

The AACT Rover program is a hands-on engineering experience for High School students in Reno, Nevada, supported in part by the Nevada NASA Space Grant Consortium (NVSGC). The program has had a significant direct impact on nearly 100 students since its inception in 2010. Recently, Danielle Kiserow, AACT Academy student, was accepted to the astrophysics program at renowned Embry-Riddle Aeronautical University with scholarships. Danielle cites being a member of the Rover team as the reason for her interest in a science career.

GRADUATE SCHOOL
NASA AMES RESEARCH CENTER SUMMER INTERNSHIP
FUELS STEM GRADUATE CAREER QUEST

Sierra Adibi, NVSGC undergraduate scholar spent this last summer in the Aeromechanics branch of the NASA Ames Research Center. Time in her internship found her performing Computational Fluid Dynamics analysis of experimental aircraft, editing a 100+ page technical data report and assisting in the wind tunnel testing of the Mars Scout Helicopter.

Adibi says, "My NASA internship directly helped me to develop the skills I needed to write proposals for nationally-competitive fellowships by exposing me to real world research problems in aeronautics. These fellowships have the potential to fund my graduate education up through the completion of my doctorate, which will have enormous effect on both my education and career. I couldn't have completed, or even been qualified for, my NASA internship without the support of the Nevada Space Grant Consortium, which helped fund many of my undergraduate research projects."



\$625 THOUSAND

IN SCHOLARSHIPS, FELLOWSHIPS AND INTERNSHIPS AWARDED TO 134 NEVADA UNDERGRADUATE AND GRADUATE STUDENTS FROM 2015-CURRENT THROUGH NSF EPSCoR NEXUS AND NASA SPACE GRANT



epscorspo.nevada.edu | 702.522.7070
Nevada System of Higher Education
5550 W. Flamingo Road, Ste. A-2, Las Vegas, NV 89103