

SUMMER 2020

NSF EPSCoR

UNIVERSITY OF NEVADA, RENO AWARDED TWO NSF EPSCoR RII TRACK-2 PROJECTS

The University of Nevada, Reno (UNR) has been awarded two National Science Foundation EPSCoR RII Track-2 FEC projects. The first, [Leveraging Big Data to Improve Prediction of Tick-Borne Disease Patterns and Dynamics](#), in collaboration with the University of Idaho and Dartmouth College, will build capacity across traditional boundaries of research and practice, with an aim to change the way people tackle tick-borne diseases. (UNR Co-PI: Fred Harris, Department of Computer Science and Engineering)



-- Dr. Fred Harris



The second RII Track-2 FEC project, [Highly Predictive, Explanatory Models to Harness the Life Science Data Revolution](#), in collaboration with the University of Wyoming and the University of Montana, will further develop computational, statistical, and machine learning methods for multi-dimensional data to develop highly predictive and explanatory models for the life sciences. (UNR Co-PI: Joanna Blaszczak, Department of Natural Resources and Environmental Science)

Congratulations to all of the researchers involved in these projects!

-- Dr. Joanna Blaszczak

NASA EPSCoR

2020 NV SPACE GRANT AND NV NASA EPSCoR VIRTUAL POSTER COMPETITION WINNERS

In lieu of presenting at the Statewide Meeting, which was cancelled due to Covid-19 and to ensure that graduating undergraduate and graduate students had an opportunity to share their research results, NV NASA Programs sponsored a virtual poster competition. All students did an amazing job, so please take a moment to check out the [posters and videos](#) submitted. Please join us in congratulating the winners and all the students who participated!



Lower Division Undergraduate Students

First Place: (three-way tie): Sara Gibbs (Great Basin College), Luke Ortiz (Great Basin College), Adreanna Perez (Great Basin College)

Runners-up: Erin Fragoso (College of Southern Nevada), Lindsay Gowen (Great Basin College), Abigail Peterson (Truckee Meadows Community College), Emilie Prudhomme (Western Nevada College)

Upper Division Undergraduate Students

First Place: Haodong Lu (University of Nevada, Reno)
Second Place: Richard Panduro-Allanson (University of Nevada, Las Vegas)
Runner-up: David Bombara (University of Nevada, Reno)

Graduate Students

First Place: Hung Nguyen (University of Nevada, Reno)
Second Place: Pranay Chakraborty (University of Nevada, Reno)
Runners-up: Nazanin Minaian (University of Nevada, Las Vegas), Blake Naccarato (University of Nevada, Las Vegas), Liya Napollion (University of Nevada, Las Vegas), Nicole Thomas (University of Nevada, Las Vegas), Bang Tran (University of Nevada, Reno), Nho Trung Duc Tran (University of Nevada, Reno), Alexandria Washington (University of Nevada, Las Vegas)



NASA EPSCoR

DR. PRADEEP MENEZES (UNR) RECEIVES A NASA EPSCoR RESEARCH CAN AWARD



Dr. Pradeep Menezes (UNR) has been awarded a NASA EPSCoR Research Cooperative Agreement Notice (CAN) award totaling \$1,125,000 over a three year award period. The title of his research effort is "Self-adaptive Lubrication for Extreme Space Mechanism Applications". The proposed research will support NASA missions by developing a

self-adaptive solid lubricant coating that can provide adequate lubrication to improve mechanical bearing performance in extreme cryogenic and dusty environments. Dr. Menezes' team includes NASA collaborator Dr. Christopher Dellacorte (Glenn Research Center); a stakeholder industry who will evaluate the commercialization potential of the research product, Science Co-PIs: Eunja Kim (UNLV); Pankaj Kumar (UNR); Manoranjan Misra (UNR); Jaeyun Moon (UNLV) and Education Co-PIs: Meghan Collins (DRI) and Alexandra Lutz (DRI).

NSF EPSCoR

NSF EPSCoR ALUMNI LINKEDIN COMMUNITY

Calling all current and past NSF EPSCoR students! Join the newly created [NSF EPSCoR Alumni](#) LinkedIn group, a place for NSF EPSCoR project alumni from across the nation to connect, share, and network. Current project participants welcome!



NEVADA STEM MENTOR NETWORK

The [Nevada STEM Mentor Network](#) is a one-stop online resource that provides access to Nevada's finest mentors and premier research projects in the STEM fields. We are committed to helping connect students and faculty to research opportunities statewide.

To foster successful research training and collaboration, the Nevada STEM Mentor Network offers:

- An extensive searchable database of STEM mentors;
- Valuable resources and tools for mentors and mentees;
- Access to research opportunities and partnerships (past, present and future) in STEM; and
- Profiles of THE BEST and BRIGHTEST in Nevada STEM research.

[Sign up today](#) to gain access to NSHE research mentors, opportunities, resources, trailblazers and more. Simply click on this link <https://stemmentor.epscorspo.nevada.edu> to be listed in the mentor database, find opportunities and resources, and subscribe to weekly, monthly or quarterly email updates (subscribe to updates in footer). We will never sell, lease or use your email for spam.

WELCOME

AMANDA ANNAN, GEAR UP RESEARCH ADMINISTRATOR



Amanda is the Research Administrator for the GEAR UP program. Prior to this NSHE role, she was a full-time student in the Executive Master of Health Care Administration program at University of Nevada, Las Vegas (UNLV) and worked as a Research Graduate Assistant/Program Evaluator for UNLV School of Medicine, Department of Surgery. She has held positions such as Director of Program Administration, Evaluation and Outcomes for the Mountain West Clinical Translational Research – Infrastructure Network at UNLV, Program Manager of the Urban Health Institute and Senior Evaluation Specialist at Charles R. Drew University of Medicine and Science (CDU) in California, as well as Administrative Specialist at University of California, Los Angeles (UCLA) in California. Amanda has extensive experience working in administration for academic health systems and higher education. Welcome Amanda!



epscorspo.nevada.edu | 702.522.7070
Nevada System of Higher Education
4300 S. Maryland Parkway, Las Vegas, NV 89119