



NV Space Grant and NASA EPSCoR Statewide Virtual Meeting April 30, 2021

All Day:

Check out this year's poster session at:

<https://nasa.epscorspo.nevada.edu/2021-virtual-poster-competition/>

View last year's poster competition and winners at:

<https://nasa.epscorspo.nevada.edu/2020-virtual-poster-competition/>

Check out the new NASA Video Vault. Links to many cool NASA provided videos on current missions and projects: <https://nasa.epscorspo.nevada.edu/nasa-resources/>

9:00 am	Meeting Kick-Off: NV Space Grant and NV NASA EPSCoR Updates
9:15– 10:55 am	Oral Presentations (five 15 min talks with extra time for Q&A) <ul style="list-style-type: none">- 9:15: Dr. Alireza Tavakkoli (UNR): A Novel Deep Learning Conditional Generative Adversarial Network for Producing Angiography Images from Retinal Fundus Photographs for Non-Invasive Assessment of Spaceflight Associated Neuroocular Syndrome- 9:35: Dr. Xiaoliang Wang (DRI): Using Reference Aerosols as Transfer Standards to Characterize Spacecraft Smoke Detectors- 9:55: Lisa Katz (UNR): Snowpack and Meteorological Factors Contributing to Rain on Snow Flooding in California's Northern Sierra Nevada- 10:15: Dr. Jun Zhang (UNR): Artificial Muscles for Compliant and Versatile Robots- 10:35: Dr. Aude Picard (UNLV): Organic Carbon Signatures Preserved by Biogenic Minerals
11:00 – 12:00 am	Resume Tips and Tricks: presented by savvy NASA personnel for NV students (but faculty are welcome to listen in or visit the poster websites and NASA Video Vault) Presented by: <ul style="list-style-type: none">- Melissa Vaughan: Human Resources Business Partner for the California Human Resources Office- Leticha Hawkins: Human Resources Specialist for the California Human Resources Office- Brian Bennett: Human Resources Business Partner for the California Human Resources Office

- 12:30 – 1:30 pm** **Keynote Speaker: The Mars 2020 Perseverance Mission by Mr. George Tahu,**
Deputy Director / Lead Program Executive, Mars Exploration Program, NASA
Science Mission Directorate
- 1:40 – 2:20 pm** **Oral research presentations** (Two 15 min talks with extra time for Q&A)
- 1:40: Dr. Monica Arienzo (DRI): Tahoe Rain or Snow: Monitoring Precipitation
Phase through Citizen Science
 - 2:00: Dr. Richard Plotkin (UNR): Black Holes in Nearby Galaxies
- 2:30 – 3:30 pm** **NASA Proposal Writing Workshop – Tips from NSHE faculty who attended a
NASA EPSCoR 2-day proposal workshop:** Dr. Daniel Saftner, Dr. Farnaz
Hosseinpour, Dr. Hans Moosmüller and Dr. Eric Wilcox (DRI)
- 3:30 – 4:30 pm** **Poster Competition** – an opportunity to “chat” with the student presenters
- 4:30 – 4:45 pm** **Meeting Wrap-up**