



NV Space Grant and NASA EPSCoR Statewide Meeting
April 19, 2024, at the Desert Research Institute in Las Vegas, Nevada

Rogers Auditorium

8:00 am	Transportation: Shuttle leaves from Hyatt Place to DRI
8:00 am	Registration
9:00– 9:15 am	Welcome (coffee & bagels)
9:15 – 10:10 am	Oral research presentations: Multimessenger Astrophysics 9:15-9:30 Stephen Lepp (UNLV) Black hole mergers driven by a captured low-mass companion 9:35-9:50 Rebecca Martin (UNLV) Mergers of black hole binaries driven by misaligned circumbinary discs 9:55-10:10 Yihan Wang (UNLV) Evidence of a Past Merger of the Galactic Center Black Hole
10:10 – 10:25 am	Break
10:25 – 11:00	Oral presentations on Space Grant initiatives 10:25-10:40 Rabih Chaar (UNLV-SEDS) Eclipse ballooning project 10:45-11:00 Rita Pujari (GBC) Success story of NASA Space Grant CoP program at the Great Basin College
11:00 – 12:15	Oral and Q&A on Commercialization and Space Startup Scene in Nevada 11:00-11:15 Solange Massa Ecoatoms: R&D and Manufacturing in Space 11:20-11:35 Jun Kang (UNLV) A Journey from Novel Fire Retardant to Poseidon X. 11:40-11:55 Kristi Bradford (Pragmatic Frontiers) Systems of Innovation: Assessing the Nevada Space Ecosystem 11:55-12:15 Discussion
12:15 - 1:15 pm	Working Lunch
1:15 – 1:30 pm	Poster Session 30 sec Oral Introductions
1:30 - 3:00 pm	Student Poster Session and Networking (SNSC 181/182) <i>*IN-PERSON ONLY</i>
3:00 – 4:00 pm	Oral research presentations

3:00-3:15 **Henry Sun** (DRI) Using desert cyanobacteria and lichens to challenge the widely accepted notion that planets exposed to UVC are uninhabitable

3:20-3:40 **Kevin Sun** (UNLV) CubeSat Constellation: Science, Engineering, and Workforce Development

3:45-4:00 **El Hachemi Bouali** (NSU) Passive seismology applications in the Las Vegas Valley

4:00 – 4:30 pm **NV Pathways to Success: Overview of NVSGC and NASA EPSCoR, Solicitation schedule; Progress & brainstorming to improve NV NASA Programs**

4:30 pm **Farewell**

4:45 pm **Transportation: Shuttle leaves from DRI to Harry Reid Airport**

NV Space Grant and NASA EPSCoR Statewide Meeting Link

Click [here](#) to join the meeting:

<https://nshe-nevada-edu.zoom.us/j/95854760595?pwd=WWNwUjFkaEtOc3MxYXlPQXNJME1PQT09>

Meeting ID: 956 7841 8921

Passcode: 517547