



**2018 Solar Energy-Water-Environment Nexus in Nevada  
Year 5 Annual Meeting Agenda  
April 5-6, 2018  
University of Nevada, Reno  
Joe Crowley Student Union**

Google Meeting Site: <https://sites.google.com/a/nshe.nevada.edu/2018-nexus-annual-meeting/>

<b>April 5, 2018</b>	
<b>Graduate Students</b> <b>Joe Crowley Student Union, Rita Laden Senate Chambers Room</b>	
07:30 am - 08:00 am	Graduate Student Workshop Breakfast
08:00 am - 03:00 pm	Career Paths and Curriculum Vitae Preparation Graduate Workshop – Facilitator: UNR Graduate College; Organizer: M. Casella (NSHE)
<b>April 6, 2018 (all events are plenary)</b>	
<b>Joe Crowley Student Union, Milt Glick Ballroom</b>	
08:30 am - 09:00 am	Poster Setup
09:00 am - 09:30 am	Breakfast
09:15 am - 09:30 am	Welcome/Introductory Remarks
	<b>Five Years in the Making – Our Major Results</b>
09:30 am – 09:50 am	Creating a Diverse Pipeline of STEM-trained Students and Educators (Ewing-Taylor, UNR)
09:50 am – 10:10 am	Technology Advances to Reduce Water use in Solar Facilities (Boehm, UNLV)
10:10 am – 10:30 am	Environmental Impacts of Solar Plants (Devitt, UNLV)
10:30 am – 10:45 am	Break
10:45 am – 11:05 am	Sustainable Water and Advanced Wastewater to Support Water Needs of Solar Facilities (Batista, UNLV)
11:05 am – 11:25 am	Reliability, Economic Modeling and Sunlight Forecasting for Solar Energy Supply (Wilcox, DRI)
11:25 am – 11:45 am	Advances in Cyberinfrastructure for NEXUS Research (Dascalu, UNR)
11:45 am - 12:30 pm	1) Lunch 2) SmartStart Presentation
	<b>The Best and Brightest – Our Students Present</b>
12:30 pm - 01:30 pm	Graduate Student Poster Session
01:30 pm - 01:45 pm	Transition Break
	<b>Towards Sustainability</b>
01:45 pm - 02:45 pm	Stakeholder Panel (Angela Dykema, Director of Nevada Governor's Office of Energy; Pat Egan, NV Energy; Marilyn Teague, Sempra; Moderator: Jennifer L. Taylor, Esq.)
02:45 pm – 03:45 pm	From Research to Intellectual Property Panel (Dr. Ellen Purpus, Assistant Vice President, Enterprise and Innovation, UNR and Dr. Zachary Miles, Associate Vice President for Economic Development, UNLV; Mr. Brian

	Speicher, Business Development Leader, Applied Innovation Center, DRI; Moderator: TBD)
03:45 pm - 04:15 pm	Team Reflections (Abella, UNLV; Uz, UNR; Strachan, UNR; Piedra, US Army Research Laboratory (formerly DRI); S. Das, UNLV)
04:15 pm - 04:30 pm	Final Thoughts (Dana, DRI and Jeanne Small, NSF EPSCoR Program Director)
04:30 pm	Adjourn