

1st Author	Co-Author(s)	Title
CoRE DGRA Recipients		
Christie Batson	Robert Futrell	Desert Sustainability: Environment, Quality of Life and Development in Southern Nevada
Matthew Bernacki	Andreas Stefik	Educational Datamining under the supervision of Learning Theory: A Learning Sciences Collaboration investigating STEM Learning
Wolfgang Bein	Yahia Baghzouz	Sustainable Energy Management and Green Computing
Mohamed B. Trabia	Janet Dufek	Development of a "smart orthotic" to minimize occurrence of diabetic foot ulcerations
Jefferson Kinney	Pradip Bhowmik, Martin Schiller	Examination of biomarkers and novel treatments in Alzheimer's diseases
Mira Han	Kazem Taghva	Predicting the deleterious effect of insertions and deletions based on evolutionary constraint
Janet Dufek	Hickman, R.A., Lee, S-P, Morris, B.T.	Large Amplitude Movements (LAMs) for Children with Cerebral Palsy: Dose Response and Clinical Effectiveness
Sarah Harris	Martin Schiller, Peter Stubberud	Modeling Cell Decision-Making using Digital Logic Networks
Monica Lounsbey	Cecilia Maldonado, Andre Spivak, Venkatesan Muthukumar, Janet Dufek, Mark Guadagnoli, Guogen Shan	Active Work and Exercise Station Objective Measurement Enterprise (AWESOME) Research Group
Bo Bernhard	Glenn NP Nowak, Ken McCown, Kahlil Philander	Integrating the Integrated Casino Resort: An Examination of Community-Facing Best Practices
Ashok Singh	Kahlil Philander, Kazem Taghva	Analysis of Gaming Data with Machine Learning Technologies
Andreas Stefik	Alexander Paz	Simplification of STEM Learning, Geospatial mapping, and Web Visualization web technologies through polyglot reduction
DGRA Recipients		
Josh Baker		Project UNLV F.O.C.U.S. (Forming Occupational and Community Understanding for Success)
Joel Lieberman	Terance Miethe, Emily Troshynski, Tamara Madensen	Public Attitudes on Using Drone Technology for Visual Surveillance Activities
Juyeon Jo	Yoohwan Kim	Cybersecurity For Critical Infrastructure Protection
Daniel Gerrity		Occurrence, proliferation, and persistence of antibiotics and antibiotic resistance during wastewater treatment
Stephen Benning	Laurel Pritchard	Effects of Psychopathic Traits on Social Networks and on Social Support During Stress
Karen G. Harry		Understanding Changing Patterns of Identity and Interaction among the Prehistoric People of Southern Nevada and Northwestern Arizona
Debra L. Martin	John Fudenberg, William O. Gazza, Joel Lieberman, Andrew Spivak	Broken Bodies, Broken Bones: Factors Affecting Injury Recidivism and Violence in Southern Nevada
Gabriele Wulf		Advancing motor skill learning theory and application
Elisabeth Hausrath		Interpreting Secondary Phosphate Minerals on Mars
Michael Wells		Shortening in the southern Sevier orogen: Two staged or continuous?
Ganqing Jiang		The causal relationship between sea-level change and carbon isotope excursions
Brian Hedlund		Diversity, distribution, evolution, and function of Aigarchaeota, a globally distributed but poorly understood lineage of "microbial dark matter"
Nora B. Caberoy		Molecular Mechanism of Retinal Degeneration
Dennis A. Bazylinski		Genome Sequencing and Bioinformatics to Determine the Evolution and Mechanism of the Biomineralization of Magnetosomes by Magnetotactic Bacteria
Frank van Breukelen	Stan Hillyard	Paradoxical anaerobism in pupfish
Martin Schiller		Genome surgery to treat HIV.
Ernesto Abel-Santos		Identification of a putative Clostridium difficile germination receptor
Jun Yong Kang		The Development of Novel Nucleophilic Fluorination Reaction for the Synthesis of Fluorinated Anti-cancer Agents and Bioactive Compounds
Clemens Heske	Dong-Chan Lee	Optimization of organic molecules for organic electronic devicesL enabling the synthesis - characterization - device manufacture value chain
Jennifer Rennels		Concepts and Biases Resulting from Predominate Female Facial Experience
Mei Yang		3D-Integrated Benes/Clos Network-on-Chip for High-Performance Many-Core Systems
Barbara St. Pierre Schneider		Estrogen Effect on Skeletal Muscle Regeneration
Woosoon Yim		Variable Stiffness Material and Device Development for Human/Robot Interaction Applications
Jennifer Pharr	Tara Phebus, Amanda Haboush, Dawn Davidson	Understanding Barriers to Accessing Quality Health Care for Parents in Nevada

1st Author	Co-Author(s)	Title
Jason Holland	Abbie Kirkendall	Improving Support Services for Hispanic Families
Alexander Paz	David E. Copeland, Brendan Morris	Generation of Traffic Guidance and Driving Incentives for Vehicular Traffic Systems
Shahram Latifi		Advanced Remote Health Monitoring for Elderly
Venkatesan Muthukumar	Shajendra Singh	Robust and Adaptive Guidance Navigation and Control of UAVs for Urban Applications
Aly Said		Performance of Nano-Engineered Concrete Under Combined Environmental and Structural Loading