

2019 GRANTS

Franke, K. W., and Hedengren, J. D. Infrastructure monitoring: Multi-sensor Incorporation into Optimized Flight Path Planning for UAV-based Infrastructure Monitoring, NSF I/UCRC Center for Unmanned Aerial Systems

Franke, K. W. and Hedengren, J. D. I/UCRC: Center for Unmanned Aircraft Systems, Phase II – REU Supplements, NSF

Hotchkiss, R. H. Bathymetric surveying using sonar and drones for recurring data analysis, U.S. Geological Survey Section 104b

Jones, N. L. Geospatial Information Tools That Use Machine-Learning to Enable Sustainable Groundwater Management in West Africa, NASA SERVIR

Judd, J. P. and Fonseca, F. S. Strength and behavior of composite timber concrete panels and bearing beam hangers, MyTiCon Timber Connectors

Macfarlane, G. S. A synthesis of passive third-party datasets used for transportation planning, Utah Department of Transportation

Macfarlane, G. S. Evaluating the Systemic Redundancy of Critical Highway Facilities, Utah Department of Transportation

Macfarlane, G. S. Modeling the demand and operating characteristics for wheelchair accessible, on-demand mobility services, Utah Department of Transportation

Nelson, E. J., Ames, D. P., and Hughes, A. Improving Resiliency and Reducing Risk due to Extreme Hydrologic Events through Application of Earth Observations and In-Situ Monitoring Information, NASA SERVIR

Rollins, K.M. Proposed AASHTO Specifications for Design of Piles for Downdrag Project No. 12-116, National Cooperative Highway Research Program (NCHRP), Transportation Research Board

Rollins, K.M. RAPID: Blast Testing to Investigate Resin-Injection Treatment for Liquefaction Mitigation, National Science Foundations

Schultz, G. G. Analysis of the Effectiveness of DSRC on Snow Plow Operations in Utah, Utah Department of Transportation

Schultz, G. G. Analysis of Performance Measures of UDOT's Traffic Incident Management Program, Phase II, Utah Department of Transportation

Schultz, G. G. and Macfarlane, G. S. Evaluating the Quality of Signal Operations using Signal Performance Measures, Utah Department of Transportation

Schultz, G. G. and Macfarlane, G. S. Evaluating ramp meter delay in Utah, Utah Department of Transportation

Schultz, G. G. Transportation Safety Laboratory, Ira A. Fulton College of Engineering and Technology and Department of Civil and Environmental Engineering

Scott, M. A. Army

Scott, M. A. DOE (2)

Scott, M. A. Immersed techniques for contact, Sandia

Scott, M. A. KCNSC (4)