

New Mexico State University  
**Department of Mathematical Sciences**  
*Colloquium*

**Fall 2018 Colloquium Series**  
**Friday 12:30-1:30 Science Hall 107**

- 08/31/18: Guanying Peng, University of Arizona  
“On the Aviles-Giga functional and regularity of its zero energy states”
- 09/28/18: Jing Qin, Montana State University  
“Stochastic Greedy Algorithms For Multiple Measurement Vectors”
- 10/12/18: Keaton Hamm, University of Arizona  
“Dimension Reduction, Matrix Factorizations, and Clustering Algorithms”
- 10/19/18: Richard Laugesen, University of Illinois, Urbana-Champaign  
“Optimal shapes for frequencies and energies – from Rayleigh to Weinberger to open problems today”
- 10/26/18: Xiaogang Su, University of Texas at El Paso  
“Sparse Estimation of Generalized Linear Models (GLM) via Minimum Approximated Information Criteria”
- 11/09/18: Osvaldo Mendez, University of Texas at El Paso  
“Musielak-Oricz-Nakano spaces, a compactness theorem and applications”

