

## Department of Mathematics external grants awards - January 2013-December 2013

Investigators	Administering Dept	Sponsor	Title	Amount
Margaret Cheney (Primary PI)-1874; Chandrasekaran Venkatachalam (Co-PI)-1373	Mathematics - 1874	Matrix Research, Inc.	Suppression of Wind Turbine Clutter for Radar Data	\$90,000.00
Daniel James Bates (Primary PI)-1874	Mathematics - 1874	DOD-NSA-National Security Agency	AG13: SIAM Conference on Applied Algebraic Geometry 2013	\$17,400.00
Oleg Emanouilov (Primary PI)-1874	Mathematics - 1874	NSF-MPS-Mathematical & Physical Sciences	Collaborative Research: Research on Control of Fluid-Elastic Structure and Related Topics	\$153,234.00
Michael J Kirby (Primary PI)-1874; Christopher Peterson (Co-PI)-1874	Mathematics - 1874	NSF - National Science Foundation	ATD: Detection and Classification of Threats Using Subspace Manifold Geometry	\$166,628.00
Daniel James Bates (Primary PI)-1874	Mathematics - 1874	NSF - National Science Foundation	Conference: Tutorials in Applicable Algebraic Geometry	\$15,520.00
Patrick Ingram (Primary PI)-1874	Mathematics - 1874	Simons Foundation	Interactions Between Number Theory and Dynamics	\$7,000.00
Jennifer L Mueller (Primary PI)-1874	Mathematics - 1874	HHS-NIH-Biomedical Imaging & Bioengineer	Electrical Impedance Tomography	\$217,757.00
Michael J Kirby (Primary PI)-1874; Christopher Peterson (Collaborator)-1874	Mathematics - 1874	Physical Sciences, Inc.	Compressed Sensing for Wide Area Chemical and Biological Early Warning	\$35,285.00
Liuqing Yang (Primary PI)-1373; Louis L Scharf (Co-PI)-1874	Electrical + Computer Engineering - 1373	University of Wyoming	Synchrophasor Data Usage in Academia for Future Professional Workforce Development	\$39,546.00
Richard M Bradley (Primary PI)-1875; Patrick D Shipman (Co-PI)-1874	Physics - 1875	NSF - National Science Foundation	Self-Assembled Nanoscale Patterns Produced by Ion Bombardment of Solid Surfaces	\$200,000.00
Laura B Sample McMeeking (Primary PI)-1588; Mary Pilgrim (Co-PI)-1874	School of ED - 1588	University of Utah	University of Utah MfA Master Teacher Program Evaluation	\$15,000.00
				<b>\$957,370.00</b>
			Total Administered in Math	\$702,824.00
			Total Administered outside of Math	\$254,546.00
			Total	<u>\$957,370.00</u>

## Department of Mathematics internal grants awards - December 2013-December 2014

Investigators	Administering Dept	Sponsor	Title	Amount
Oprea (Co-PI)-Math, CNS; Bill Bauerle, HL Architecture, Cag; Jamie Kirkpatrick, Geosci, WCNR;	ESS - Ecosystem Science and Sustainability (1476)	Water Research Institute, CSU	Spatio-temporal Snow Surface Roughness Changes due to Impurities and Their Implications for Hydro-climatic Modeling	\$15,000.00
				<b>\$15,000.00</b>