

CREF 2016-2016 Awards

PI and Department	Title	Participants	Budget
Nicholas Strandwitz (MSE)	Versatile X-Ray Diffraction Instrument for Materials Analysis	<b>Co-PIs:</b> Nelson Tansu (ECE) Gregory Ferguson (Chemistry) Steve McIntosh (ChemE) John Dupont (MSE) <b>Other users:</b> Chris Kiely (MSE) H. Jain (MSE) M. Harmer (MSE) R. Pearson (MSE) R. Vinci (MSE) H. Chan (MSE) W. Misiolek (MSE) N. Vermaak (MEM) B. Krick (MEM) J. Fox (CEE) V. Dierolf (Physics) M. Hatalis (ECE) J. Wierer (ECE) S. Kumar (ECE) K. Landskron (Chemistry) M. Chen (Chemistry) D. Vezenov (Chemistry) M. Snyder (ChemE) J. Baltrusaitis (ChemE) B. Berger (ChemE) I. Wachs (ChemE)	\$219,000
Damien Thevenin (Chemistry)	Spectrofluorometer Capable of Steady State and Lifetime Fluorescence, Near- Infrared and Photoluminescence Measurements of Solution and Solid Samples	Marcos Pires (Chemistry) Mark Chen (Chemistry) Bob Flowers (Chemistry) K. Jebrell Glover (Chemistry) Steve Regen (Chemistry) Dmitri Vezenov (Chemistry) Dimitrios Vavylonis (Physics) Lesley Chow (MSE) Helen Chan (MSE) Yaling Liu (MEM) Xiaohui Zhang (MEM)	\$167,000
Slava Rotkin (Physics)	Confocal Raman Imaging Microscope for Mapping Materials Spectroscopic Signatures with Sub-Micrometer Resolution	Ivan Biaggio (Physics) Dan Ou-Yang (Physics) Jean Toulouse (Physics) Himanshu Jain (MSE) Sabrina Jedlicka (Physics) Ray Pearson (MSE) Jonas Baltrusaitis (ChemE) John Coulter (MEM) Brandon Krick (MEM) Frank Zhang (BioE) Xiaoji Xu (Chemistry) Gregory Ferguson (Chemistry)	\$200,000
Dave Anastasio (EES)	A High Magnification Tabletop Microscope for STEPS	<b>Co-PI:</b> P. Diplas (CEE) <b>Other users:</b> P. Zeitler (EES) B. Idleman (EES) R. Booth (EES) Z. Yu (EES) S. Peters (EES) K. Kodama (EES) D. Sahagian (EES) G. Bebout (EES) M. Suleiman (CEE) J. Fox (CEE)	\$86,490