

NSF MRI 2015: Summary of final three proposals going forward to NSF submission

PI Name (Dept)	Project Title	Other Participants	Total Project Budget/Lehigh Cost Share
1. Wachs (CHE)	Acquisition of Integrated Environmental X-ray Photoelectron Spectrometer (XPS)	Himanshu Jain, Co-PI (Mat. Sci. and Eng. (MSE)), Nick Strandwitz (MSE), Jonas Baltrusaitis (ChE), Brandon Krick (MEM), Natasha Vermaark (MEM), David Moore (Chemistry), Steven McIntosh (ChE), Matthias M. Falk (Biological Sciences), Nelson Tansu (ECE), Mark Snyder (ChE), Volkmer Dierolf (Physics), Svetlana Tatic-Lucic (ECE), A. Jagota(ChE), M. Watanbe (MSE), K.Landskron(Chemistry), H. Jaeger (Chemistry), C. Kiely (MSE)	\$1,604,354/\$481,306
2. Strandwitz (MSE)	Acquisition of a Versatile X-Ray Diffraction Instrument for Materials Analysis	Co-PIs: Nelson Tansu (ECE), Greg Ferguson (Chemistry), Steve McIntosh (ChE). Other users: Vinci(MSE), Keily(MSE), Chan (MSE), Harmer (MSE), Jain (MSE), Dupont (MSE), Misiolek (MSE), Watanbe (MSE), Landskron (Chem), Chen (Chemistry), Vezenov (Chemistry), Stavola (Physics), Baltrusaitis (ChE), Snyder (CHE), Vermaak (MEM), Krick (MEM), Hatalis (ECE), Kumar (ECE), Fox (CEE)	\$595,000/\$178,500
3. Gilchrist (CHE)	Development of Instrument for Continuous Janus Particle Production	Co-PI: Ilona Kretzschmar (CCNY) Expected Lehigh users: J.Gilchrist (ChE), B. Berger (ChE), Derick Brown (CEE), G. Ferguson (Chemistry), J. Gunton (Physics), A. Klein (ChE), A. McHugh (ChE), J. Mittal (ChE), D. Ou-Yang (Physics), K. Schultz (ChE), M. Snyder (ChE), D.Vezenov (Chemistry), N. Tansu (ECE)	\$294,525/\$144,480