

## S. PAMIR ALPAY

1. Data Mining Approaches for the Discovery of Novel Electrostrictive Materials, Interdisciplinary Multi-Investigator Materials Program, Institute of Materials Science, \$20,000, 8/28/2020 – 05/31/2021
2. Collins Aerospace – Center for Advanced Materials, Collins Aerospace, with R. J. Hebert, M. Aindow, S. L. Suib, \$2,171,117, 02/01/2016-01/31/2021

## YANG CAO

1. Gaseous Dielectric Material Compatibility Study, G&W Electric, \$120k, 5/15/21-4/14/22
2. High voltage Insulation (201522683), Collins Aerospace, \$149k, 5/1/21- 11/1/22
3. FLASH DC Breaker (N00244-20-1-008), NASA/NPS, \$200k, 8/1/20-9/24/22
4. High Torque Density Motor Insulation (N00014-19-1-2306), ONR, \$600k, 5/15/19 - 5/14/2022
5. Accelerated Co-Designs of High K Polymer Dielectrics (N00014-19-1-2304), ONR, \$465k, 5/01/19 - 4/30/2022
6. MURI-Tracking, Diagnosing and Impeding Dielectric Breakdown in Polymers, ONR, (N00014-17-1-2656), \$7.5M, 8/1/17-7/31/22  
NSF i/UCRC Center for Novel High Voltage/Temperature Materials and Structures (NSF HVT) (1650544, Phase 1, \$810k, 2/1/2017 – 1/30/2022

## ELENA DORMIDONTOVA

1. Computational and Experimental Design of Associating Bottle Brush Mesostructures, National Science Foundation, NSF (CHE), \$608,259, 07/01/2020 – 06/30/2023, role: Co-PI with Douglas Adamson (Chemistry, UConn)

## MARTIN HAN

1. Focused Ultrasound Neural Stimulation for Spinal Cord Injury, Dept. of Defense-Army, CDMRP (Role: Co-PI, W81XWH-17-1-0538, \$13,000 (balance), direct, 9/15/2017 - 9/14/2021 (No cost extension)
2. Towards Clinical Translation of Penetrating Multisite Device for Cochlear Nucleus, NIH/NIDCD (Role: P.I.), R01DC014044-01A1, \$160,000 (balance, direct), 3/19/2015 - 2/29/2022 (No cost extension)

## **RAINER HEBERT**

1. Searching for novel additively manufacturable Al alloys for aerospace applications, Collins Aerospace, \$200,000 (Co-PI), 1/1/20-12/31/20 (no-cost extended through 03/31/2021)
2. Electron microscopy studies of AM parts, Thermo Fisher Scientific, \$100,000, 7/1/20-6/30/21

## **MENKA JAIN**

1. Experimental and theoretical investigations on oxide materials for multiferroics and magnetocaloric applications” (PI: M. Jain, Co-PI: Pu-xian Gao), IMS-IMMP, \$20,000, 11/01/2020 – 10/31/21

## **SEOK-WOO LEE**

1. US Army Research Laboratory, \$400,000, 10/2020 - 9/2021
2. Interdisciplinary Multi-Investigator Materials Proposals, \$20,000, 11/2020 - 10/2021

## **STEVEN SUIB**

1. Suib, Steven L., NSF/ENG/Directorate for Engineering-1803343 \$115,289.00 09/01/18 - 08/31/21, 0.1 month, Collaborative Research: Selective Oxidation Catalysis on Oxides Containing Pores of Molecular Dimensions
2. Singh, Prabhakar Suib, Steven L., DOE/Department of Energy- DE-FE0027894 \$500,000.00 10/01/16 - 06/30/21

## **LUYI SUN**

1. Multi-protection against corrosion of steel in concrete using epoxy/LDH coatings, sponsored by Connecticut Cooperative Transportation Research Program, \$60,000, 01/01/2021-12/31/2022