Faculty Research Grants 2013

**Arts and Humanities**
Lily Afshar, D.M., (MUS), $6,000, “The Production, Manufacturing, and Distribution of a Compact Disc of Arrangements of Bach’s Music for Solo Guitar”

Cary Holladay, M.A., (ENGL), $5,000, “Blackbeard: The Novel”

Craig Leake, M.A., (COMM), $6,500, “Animal Court Documentary”

Anita Jo Lenhart, M.F.A., (THEA), $5,000, “Merely a Madness: Creative Research in Shakespeare”

Robert Yelle, Ph.D., (HIST), $5,000, “Sovereignty and the Sacred: Christian Polemics against the Exceptional in Judaism and Their Legacy for Secularism”

**Science, Engineering and Mathematics**
William Alexander, Ph.D., (CHEM), $6,000, “Infrared Probes of Biomolecular Surface Solvation Environments”

Pratik Banerjee, Ph.D., (SPH), $6,000, “Long-term Storage of Mammalian Cells for Biosensing Applications”

Judith Cole, Ph.D., (BIOL), $6,000, “Analyzing Biased Agonism at PTH Receptors”

Sabyasachee Mishra, Ph.D., (CIVL), $6,000, “Protecting and Preserving Our Driving, Biking and Walking Infrastructure: Building a Transportation, Project Investment and Evaluation Resource (T-PIER)”

Max Paquette, Ph.D., (H&SS), $5,000, “The Effects of Foot Position and Lateral Motion on Lower Extremity Joint Angles in Knee Osteoarthritis Patients during Submaximal Exercise on Elliptical Devices”

Esra Roan, Ph.D., (BIOM), $6,500, “Simultaneous AFM Indentation and Stretching of Lung Epithelial Cells”

**Social Sciences, Business and Law**
Kristoffer Berlin, Ph.D., (PSYC), $6,500, “Predicting Resiliency in Youth with Type 1 Diabetes”

James Meindl, Ph.D., (ICL), $4,000, “The Effects of a Delayed Vocal Rule on Delayed Consequences”

Sharon Wrobel, Ph.D., (PADM), $6,000, “Baseline Study of the Perceptions and Impact of the Memphis City/Shelby County School District Merger”

Amanda Young, Ph.D., (COMM), $6,500, “Illness Narratives of Teenagers with Cystic Fibrosis”