<table>
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<tr>
<th>Faculty Investigator(s)</th>
<th>College</th>
<th>Title of Proposal</th>
<th>Amount Awarded</th>
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<tr>
<td>Deering, Lynn</td>
<td>CLASS</td>
<td>Cultural Exchange - The Creative Fusion of Cuban and Cleveland Dance Artists</td>
<td>$ 6,048.00</td>
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<td>Fuller, Kimberly</td>
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<td>Bisexuals’ Relationships: Satisfaction, Acceptance, and Bisupport</td>
<td>$ 3,960.00</td>
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<td>Grebenyova, Lydia</td>
<td>COSHP</td>
<td>Language and Culture of the Cleveland Slovenian Community</td>
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<td>Bayachou, Mekki</td>
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<td>Metal-Decorated Graphene Nanaosheets for Enhanced Proxynitrite Detection</td>
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<td>Bickel, Jessica</td>
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<td>Reconstruction Driven Polymer Crystalization</td>
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<td>Responses of the African clawed toad to two stimuli separated by a delay</td>
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<td>Validation of the Rate of Perceived Stability Scale</td>
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<td>Heus, Thijs/Ryan, Shawn</td>
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<td>Modeling the shape and size of cumulus clouds</td>
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<td>Expression of recombinant TBTP1 for in vitro telomerase activity analysis</td>
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<td>Naser, Sheren/Goncy, Elizabeth</td>
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<td>A Survey of Youth After School Programs in the Greater Cleveland Area</td>
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<td>Rauchsert, Emily</td>
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<td>The role of mycorrhizal colonization in the success of an invasive plant, lesser celandine</td>
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<td>Reinthal, Ann</td>
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<td>Moving multi-directional harnessed balance training from the clinic to the community: harnesses in a community garden</td>
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<td>Sam-Younglee, Tobili</td>
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<td>Identification of Colpodella proteins by immunoproteomics and 2-D gel electrophoresis</td>
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<td>Shukla, Girish</td>
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<td>Identification of Novel Biomarkers of drug resistance via transcriptome analysis of PCa tumors</td>
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<td>Smith, Albert F.</td>
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<td>Continuing Investigation of Holistic Aspects of Word Perception</td>
<td>$ 5,810.00</td>
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<td>Streletzky, Kiri/Fodor, Petru</td>
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<td>Electron Microscopy and Light Scattering Characterization of Microgels Under Dynamic Temperature Conditions</td>
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<td>Su, Bin</td>
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<td>Identification of selective anti-trypanosomiasis drugs from current existing medicines</td>
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<td>Sun, Xue-Long</td>
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<td>Profiling and Modulating Cell Surface Sialylation Status of Macrophage and Its Activities</td>
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<td>Vitali, Jacqueline</td>
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<td>Structural Studies of an Archaeal Dihydroorotase</td>
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<td>Novel cell cycle regulation of the pro-apoptotic protein PUMA</td>
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<td>Whitford, Maureen</td>
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<td>The Influence of Reaching Task Requirements on Choice of Arm Use in Healthy Controls</td>
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<td>Adaptive Emotion Regulation and Depression Risk: A mechanism study</td>
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<td>Yuan, Fasong</td>
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<td>Changes in Sulfur and Oxygen Isotope Compositions of Dissolved Sulfate in Western Lake Erie</td>
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<td>Zhou, Amin</td>
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<td>The role of RNase L in the immune system</td>
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<td>Fodor Petru/Kothapalli, Chandra</td>
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<td>Development of micromixer-based chemical reactors</td>
<td>$ 7,930.00</td>
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<td>Genevese, Jeremy/Sparks, Kenneth/Wajda, Doug</td>
<td>Education</td>
<td>An Investigation into the Effectiveness of Brief Guided Meditation</td>
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<td>Huang, Grace/Lam, Eddie T.C./Gove, Mary</td>
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<td>The impact of Confucianism on Asian Descendant Parenting Practices and Children's Academic Performance</td>
<td>$ 6,377.50</td>
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<td>Kullman, Emily/Fondran, Kristine, Sparks, Kenneth</td>
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<td>Go Skate! The Physiological Responses and Perception of Training on Inline Skates</td>
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<td>Lam, Eddie T.C./Sparks, Kenneth</td>
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<td>Cardiorespiratory Responses and Dynamic Balance Between the Simply Fit Board and the Ab Rocket Twister</td>
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<td>Ao, Geyou</td>
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<td>Preparation and Separation of DNA-Wrapped Boron Nitride Nanotubes</td>
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<td>Chu, Pong</td>
<td>ENG</td>
<td>Connected FPGA Thermal Monitoring</td>
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<td>Gatica, Jorge</td>
<td>ENG</td>
<td>Plastic Waste to Energy via Chemical Reactions in Multiphase Environments</td>
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<td>Halloran, Jason/Kothapalli, Chandra</td>
<td>ENG</td>
<td>Incorporation of a Load Cell into a Mechanical Loading Frame for Microfluidics</td>
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<td>Lee, Moo-Yeal</td>
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<td>Schearer, Eric</td>
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<td>Control of Paralyzed Arms in Stiff and Damped Environments</td>
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<td>Tewari, Surendra</td>
<td>ENG</td>
<td>Spurious grain formation due to convection at cross-section-changes during directional solidification</td>
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<td>Zhang, Wei</td>
<td>ENG</td>
<td>Development of a Flexible and Cost-effective Wind Test System Using a Hovering Drone</td>
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<td>Belovich, Joanne/Xu, Yan</td>
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<td>Effect of salt content on lipid profile of Scenedesmus dimorphus</td>
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<td>Holland, Nolan/Streletzky, Kiril</td>
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<td>Wirth, Chris/Bickel, Jessica</td>
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<td>Scalable Assembly of Anisotropic Nanoparticles onto Templated Substrates</td>
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<td>Zhao, Wenbing/Liu, Xiongyi</td>
<td>ENG/EDU</td>
<td>BUDDY: A Virtual Reality Based Computer System for Children with Autism Spectrum Disorders</td>
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**TOTAL** $287,581.41