

# ***Grants Awarded Report***

**From: 9/1/19 to 9/30/19**

# *Grants Awarded Report*

# ***Grants Awarded Report***

**From: 9/1/19 to 9/30/19**

***Project Title:*** Supplement to: Development and Validation of Low-Cost, Highly-Durable, Spinel-Based Contact Materials for SOFC Cathode-Side Contact Application

***Agency:*** U.S. Department of Energy, Office of Fossil Energy

***Activation Amount:*** \$50,028

***Personnel:*** Jiahong Zhu, PI

---

***Project Title:*** Development and Improvement of High-Resolution Flood2D-GPU Modeling for Titan HPC Environment

***Agency:*** UT-Battelle, LLC. via ORNL

***Activation Amount:*** \$74,048

***Personnel:*** Alfred Kalyanapu, PI, Sheikh Ghafoor, Co-PI

---

***Project Title:*** Modular Approaches to “Click” Complexants for Chemoselective...

***Agency:*** U.S. Department of Energy

***Activation Amount:*** \$94,802

***Personnel:*** Jesse Carrick, PI, Cory Hawkins, Co-PI

---

***Project Title:*** SG: Phylogenomics and Diversification of the Snapping Shrimp Genus *Alpheus*

***Agency:*** National Science Foundation

***Activation Amount:*** \$69,439

***Personnel:*** Carla Hurt, PI

---

***Project Title:*** Mixed Matrix Membranes for Broader Wastewater Reclamation

***Agency:*** National Science Foundation, Graduate Research Fellowship Office

***Activation Amount:*** \$46,000

***Personnel:*** Haley White, student, Alice Camuti, PI, Laura Arias-Chavez, Co-PI

---

***Project Title:*** Collaborative Research: CyberTraining: Pilot: Semi-Automatic Assessment of Parallel Programs in  
Training of Students and Faculty

***Agency:*** National Science Foundation

***Activation Amount:*** \$39,881

***Personnel:*** Sheikh Ghafoor, PI, Ada Haynes, Co-PI

---