

Spring 2017 EURECA Awards ~ College of Science & Mathematics

- Suman Bhandari, Israel Ezeodum, Kyle Gordon, “Using the Fourth-Order Runge-Kutta Method to Determine the Dynamic Response of a Free Vibrating Laminated Composite Shallow Shell Panel” ~ Dr. Salim Azzouz
- Alexandria Weiskircher, “Mineral and Textural Assessment of the Quanah Margin Granites in the Wichita Mountains, Oklahoma” ~ Dr. Jonathan Price
- Jomarie Leblanc, Chiedza Tokonyai and Adanna Okoye “Dynamic Contact Angle Measurements” ~ Drs. Mahmoud Elsharafi, Jeong Tae Ok
- Rojitha Goonesekere, “Enhancing the student learning experience through an intuitive Learning Management System” ~ Drs. Yu Guo, Bingyang Wei
- Sachithra Weerasooriya, “Investigating the Nature of Dwarf Spiral Galaxies” ~ Dr. Jackie Dunn
- Denzel Martin, Cody Lane Chancellor, Reuben Denwe, “Viscosity Measurements for Various Mixed Fluids Used to Enhance Oil Recovery” ~ Dr. Mahmoud Elsharafi
- Jared W. Steger, “2-D to 3-D Analysis of Mineral Hopper Structure Using a Bismuth Metal Analog” ~ Dr. Jonathan Price
- Michael Olaya, Michael Sweeting, “Electron-Positron Scattering” ~ Dr. Preet Sharma
- Bethany Russell, “Mechanisms of Reversion to Erythromycin-Susceptibility by erythromycin-Resistant Bacteria” ~ Drs. James Masuoka, Jon Scales
- Amber Quevy, “Petrological Analysis of the Quanah Dikes, Wichita Mountains, Oklahoma” ~ Dr. Jonathan Price
- Tharusha Wanigasekera and Janith Ambewela, “Active Damping Using Pistons with SmartFluid” ~ Dr. Sheldon Wang
- Chanuka Perera, Ravi Prasanth Baskaran, Sarinda De Mel, “Structural Analyses of a Large Deployable Shelter” ~ Dr. Sheldon Wang
- Xitong Li, Huiluo Chen, Mpathi Nzima, “Intelligent Robotics using Computer Vision” ~ Drs. Yu Guo, Bingyang Wei
- Zeltzin Reyes, Rojitha Goonesekere, Don Wijesinghe, “Automatic Piloting of a Drone” ~ Dr. Yu Guo
- Kanayo Oji, “Survivor Models in the Josephus Problem” ~ Dr. Marcos Lopez
- Enaho Atamenwan, Abdullah Albakhurji, Paul Yacho, “MSU Smart Parking” ~ Dr. Yu Guo
- Kiran Chapagain, Corbin Matamoros, “Computational Study of Film Boiling Droplet Motion on Micro- & Nanoscale Ratchets” ~ Drs. Jeong Tae Ok, Sheldon Wang, Yu Guo, Mahmoud Elsharafi
- Sean Aleman, “Optimizing Aquaponic Systems” ~ Drs. Dale McDonald and Michael Shipley
- Melissa Rose, “Effect of Growth Temperature on Cell Surface Hydrophobicity of *Candida albicans*” ~ Drs. James Masuoka, Jon Scales
- Chiara Del Vecchio, Dorcas Matuwana, “Identification of Antibiotic Activity from Fungal Symbionts of Native Texas Plants.” ~ Dr. James Masuoka
- Meaghan Rose, Salvatore Capotosto, Mutandwe Machedmedze, “Bacterial Endophytes in Seeds with High Melatonin Content: Survival Implications” ~ Dr. Magaly Rincon-Zachary

With West College of Education

- Chenai Sukume, Constance Anih Nchetachukwe, “Making Science, Technology, Engineering, & Mathematics (STEM) Attractive to Females Using Growth Mindset Strategies” ~ Dr. Denise Simmons

With Dillard College of Business

- Luca Lalor, “Methods of Generating Alpha from FX Trading using Technical Analysis” ~ Drs. Qian Li, Jeff Hood