

**2018 Faculty and Student Research Forum**  
**Winning Entries**

**Faculty Research**

**1<sup>st</sup> Place** - *Machine Learning Approaches for Identification of Alzheimer's Disease using Social Determinants Imagery* - Lawrence V. Fulton, Healthcare Administration

**2<sup>nd</sup> Place** - *Organ Procurement Organization and University-Based Respiratory Care Program Partnership to Develop Student Internships* - Nicholas R. Henry, Christopher J. Russian, Respiratory Care

**3<sup>rd</sup> Place** - *Validity of Instrumented Motor-Cognitive Assessment for Persons with Mild Brain Injury using a Virtual Reality Environment* - Denise Gobert, Sarah Edmiston, Benni Salinas, School of Nursing

**Student Research**

**1<sup>st</sup> Place** - *Improving Primary Care Provider to Patient Sexual Health Communication and Assessment* - Zoe Cameron, Melanie Rose, Allison Rutelonis, and Lauren Lucas, School of Nursing

**2<sup>nd</sup> Place** - *Graduate Nursing Students' Knowledge of Type II Diabetes Treatment Guidelines* - Audrey Hogue, Cecelia Davis, Kimberly Jones, School of Nursing

**3<sup>rd</sup> Place** - *Willingness to Use Technology Applications to Reduce Medication Costs* - Mirana Baumgardner, Kathleen Miller, Brenda Tucker, David Virgil, School of Nursing

**Faculty/Student Collaborative Research Category**

**1<sup>st</sup> Place** - *Isolation of MRSA from the Oral Cavity of Companion Dogs* - Thomas Patterson, Alberto Lopez, Binh Pham, Clinical Laboratory Science

**2<sup>nd</sup> Place** - *A Simulation of Rainwater Harvesting Design and Demand-Side Controls for Large Hospitals* - Lawrence V. Fulton, Reagan Wilkinson, Healthcare Administration

**3<sup>rd</sup> Place** - *Parental Beliefs and Behaviors in Pediatric Antibiotic Use* - Stephanie Sanders, Melodie Vann, Janice Merideth, Jonathan Gordon, Son Chae, School of Nursing

**Educational Literature Review Category**

**1<sup>st</sup> Place** - *A Next-Generation Sequencing Strategy for Evaluating the Most Common Genetic Abnormality in Multiple Myeloma* - Phoebe Atkinson, Stephanie Sperduti, Dr. Rodney Rohde, Clinical Laboratory Science

**2<sup>nd</sup> Place** - *Using rRT-PCR to Detect Zika* - Francisco Jaimes, Jamie Vreeland, Dr. Rodney Rohde, Clinical Laboratory Science

**3<sup>rd</sup> Place** - *Toll-Like Receptor 9 Suppresses Lupus Disease in Fas-sufficient MRL Mice* - Kinsey Cozby and Linh Bui, Clinical Laboratory Science