Health Sciences Research Days 2019
Award Winners

Specialty Awards:

1. Michael A. Gerber Prize for Research in Molecular and Cellular Biology sponsored by the Dr. and Mrs. Michael A. Gerber Memorial Fund
   Santosh Yadav
   Advisor: Malene Castrny-Rotapczak
   Center for Aging
   School of Medicine
   CONTRIBUTION OF PROTEIN CARGO FROM EXOSOMES TO OSTEOARTHRITIS

2. Award for Cancer Research sponsored by the Tulane Cancer Center
   Alifiann Hartono
   Advisor: Sean Lee
   Pathology & Laboratory Medicine
   School of Medicine
   IDENTIFICATION OF SK1 AS A POTENTIAL THERAPEUTIC TARGET FOR DESMOPLASTIC SMALL ROUND CELL TUMOR

3. Award for Research in Infectious Diseases sponsored by the Tulane National Primate Research Center
   Lila Melnik
   Advisor: Robert F. Garry
   Microbiology and Immunology
   School of Medicine
   THE EBOLA VIRUS DELTA PEPTIDE ACTS AS AN ENTEROTOXIN IN VIVO

4. Award for Research in Stem Cell Research and Regenerative Medicine sponsored by the Tulane Center for Stem Cell Research and Regenerative Medicine
   Tiffany Kaul
   Advisor: Prescott Daniel
   Tulane Cancer Center
   School of Medicine
   THE ROLE OF MOBILE ELEMENTS IN PLURIPOTENT STEM CELLS

5. Award for Excellence in Research and Presentation by a 4th Year DeBakey Scholar sponsored by the Dean of the School of Medicine
   Anna Hong Le
   Advisor: Emily Harvin
   Epidemiology
   School of Public Health and Tropical Medicine
   CULTURAL CONSENSUS OF PREGNANCY BEHAVIORS AMONG MOTHERS IN NEW ORLEANS

6. Award for Research in Women’s Health and Sex Differences in Cardiovascular and Related Diseases sponsored by the Tulane BIRCWH Program
   Benard Ogola
   Advisor: Sarah Lintzey
   Pharmacology
   School of Medicine
   ANGIOTENSIIN II INDUCED HYPERTENSION AND ARTERIAL STIFFNESS INCREASES WITH G PROTEIN-COUPLED ESTROGEN RECEPTOR DELETION IN FEMALE MICE

7. Award for Research in Sustainable and Healthy Communities sponsored by the ByWater Institute
   Lauren Swientoniewski
   Advisor: Diane Blake
   Biochemistry & Molecular Biology
   School of Medicine
   THE NOVEL CLARITY SPECTROPHOTOMETER CAN BE USED TO MONITOR POLYCYCLIC AROMATIC HYDROCARBON DEGRADATION BY C. PUGETII

8. Award for Research in Neuroscience sponsored by the Tulane Brain Institute
   Adrien Molinas
   Advisor: Azadeh Ziaielbul
   Physiology
   School of Medicine
   INSULIN-DEPENDENT DECREASE OF EXCITATORY NEUROTRANSMISSION IN PREAUTONOMIC PVN NEURONS IS REDUCED IN DIET-INDUCED OBESITY

9. Award for Diabetes Research sponsored by the Tulane Diabetes Research Program
   Weiwei Xu
   Advisor: Frank Maussel-Jarvis
   School of Medicine
   IMPORTANCE OF ISLET INTRACRINOLOGY FOR GLUCOSE-STIMULATED INSULIN SECRETION (GSS) IN THE MALE