

Health Sciences Research Days 2019 Award Winners

A. Health Sciences Research Days Award for Excellence in Research and Presentation by a **Graduate Student**

Shantanu Guha

Advisor: William Wimley
Biochemistry & Molecular Biology
School of Medicine
EBOLA VIRUS DELTA-PEPTIDE IS AN ENTEROTOXIC VIROPORIN IN VIVO

B. Health Sciences Research Days Award for Excellence in Research and Presentation by a **Postdoctoral Fellow**

David Andrews

Advisor: Gina Dobek
Comparative Medicine
School of Medicine
PHARMACOKINETIC AND HISTOLOGICAL COMPARISON OF SUBCUTANEOUS INJECTION OF BUPRENORPHINE, SUSTAINED RELEASE BUPRENORPHINE (ZOOPTARM), AND SIMBADOL

C. Dean of the School of Medicine Award for Excellence in Research and Presentation by a **Medical Student**

Christopher Antonacci

Advisor: Mary Mulcahey
Orthopaedics
School of Medicine
TARGETED CHECKLIST COMPLIANCE WITH ORAL AND MECHANICAL PREP IMPROVES SURGICAL SITE INFECTION RATES

D. Dean of the School of Medicine Award for Excellence in Research and Presentation by a **Resident or Fellow**

Ehab Alameer

Advisor: Emad Kandil
Surgery
School of Medicine
EFFECTS OF PARATHYROIDECTOMY ON NORMO-CALCEMIC vs CLASSIC PRIMARY HYPERPARATHYROIDISM AND THE ROLE OF IOPTH

E. Dean of the School of Public Health and Tropical Medicine Award for Excellence in Research and Presentation by a **Public Health Masters Student**

Robin Baudier

Advisor: Elizabeth Norton
Global Biostatistics & Data Science
School of Public Health & Tropical Medicine
PREDICTIVE MODELING FOR FLU VACCINE EFFICACY IN AGING ADULTS IN NEW ORLEANS

F. Dean of the School of Public Health and Tropical Medicine Award for Excellence in Research and Presentation by a **Public Health Doctoral Student**

Rebecca Carter

Advisor: Xu Xiong
Epidemiology
School of Public Health & Tropical Medicine
FACILITY CONDITIONS, OBSTETRIC AND NEONATAL CARE PRACTICES, AND AVAILABILITY OF EMERGENCY OBSTETRIC AND NEONATAL CARE IN 72 RURAL HEALTH FACILITIES IN THE DEMOCRATIC REPUBLIC OF CONGO: A CROSS-SECTIONAL STUDY

G. Dean of the School of Science and Engineering Award for Excellence in Research and Presentation by a **Graduate Student**

Akinjide Akintunde

Advisor: Kristin Miller
Biomedical Engineering
School of Science & Engineering
EFFECTS OF ELASTASE DIGESTION ON THE MURINE VAGINAL WALL BIAXIAL MECHANICAL RESPONSE

H. Dean of the School of Science and Engineering Award for Excellence in Research and Presentation by an **Undergraduate Student**

Leah Vaidya

Advisor: Julie Markant
School of Science & Engineering and School of Medicine
THE RELATIONSHIP BETWEEN FACE SCANNING, ATTENTION TO GAZE CUES, AND COMMUNICATION SKILLS AMONG SIX MONTH-OLD INFANTS

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: Malwina Czarny-Ratajczak
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**

Alifiani Hartono

Advisor: Sean Lee
Pathology & Laboratory Medicine
School of Medicine
IDENTIFICATION OF SIK1 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**

Lilia 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 Deininger
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 Harville
School of 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 Lindsey
Pharmacology
School of Medicine
ANGIOTENSIN 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: Andrea Zsombok
Physiology
School of Medicine
INSULIN-DEPENDENT DECREASE OF EXCITATORY NEUROTRANSMISSION IN PREAUTONOMIC PVN NEURONS IS REDUCED IN DIET-INDUCED OBESE MICE

9. **Award for Diabetes Research** Sponsored by the **Tulane Diabetes Research Program**

Weiwei Xu

Advisor: Franck Mauvais-Jarvis
School of Medicine
IMPORTANCE OF ISLET INTRACRINOLOGY FOR GLUCOSE-STIMULATED INSULIN SECRETION (GSIS) IN THE MALE