

# **Award recipients from Tulane Faculty Research Synergy Event**

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The following awards were handed out at the Synergy Faculty Research event, hosted by the School of Medicine and held on Dec. 7, 2021.

## **School of Medicine (SOM) Outstanding Achievements Largest Funded Research Awards**

*Tony Ye Hu, PhD*

Department of Biochemistry and Molecular Biology

“Mtb and HIV/SIV Antigen Peptide Signatures as Blood Biomarkers to Detect Early Infection to Active Disease in Young Children and NHP”

NIH/NICHD – R01 – \$3.7M

*“Tonette” Krousel-Wood, MD*

Departments of Medicine and Epidemiology

“Supporting Tailored Adaptive Change and Reinforcement of Medication Adherence Program (STAR-MAP): Randomized Trial of a Novel Approach to Improve Adherence in Older Hypertensive Women and Men” NIH/NHLBI – R01 – \$3.7M

*Elizabeth Norton, PhD*

Department of Microbiology and Immunology

“Evaluation of Memory Responses and Biomarkers from a Phase 1 Enterotoxigenic Escherichia Coli (ETEC) Intramuscular Subunit Vaccine with dmLT Adjuvant”

NIH/NIAID – R01 – \$3.5M

*Tony Hu, PhD*

*Hua Lu, PhD*

Department of Biochemistry and Molecular Biology

“Digital Nanoplasmonic Quantification of Tumor-Derived Extracellular Vesicles in Plasma Microsamples” NIH/NCI – U01 – \$3.1M

*Prasad Katakam, MD, PhD*

*Ricardo Mostany, PhD*

Department of Pharmacology

“Peroxynitrite is a Molecular Determinant of Impaired Microvascular Energetics in Alzheimer's Disease”

NIH/NIA - R01 - \$3.2M

## **SOM Outstanding Achievements**

### **First NIH R01 Awards**

*Quiyang “Lisa” Zhang, PhD*

Department of Structural and Cellular Biology

“The Impact of Aging on Prostate Cancer with Age-related Disruption on the Th17/Treg Axis”

NIH/NCI - R01

*James Jackson, PhD*

Department of Biochemistry and Molecular Biology

“Genotoxic Stress Response and Mutagenesis in a Mouse Model of Homology Directed Repair”

NIH/NIEHS - R01

*Zhen Lin, MD, PhD*

Department of Pathology

“Human Papillomavirus in HIV Associated Lung Cancers”

NIH/NCI - R01

## **Tulane National Primate Center (TNPRC) Outstanding Achievements**

### **Largest Funded Research Awards**

*Jay Rappaport, PhD*

Division of Microbiology and Immunology - TNPRC

“Nonhuman Primate Studies Coordination Center (NHP CC) To Support COVID Related Research at the National Primate Research Centers (NPRCs)”

NIH/NIAID - N93 - \$1.7M base; \$5.1M potential

*Chad Roy, PhD*

Division of Microbiology and Immunology - TNPRC

“Development of a Pan-Botulinum Neurotoxin Medical Countermeasure” Mapp

Biopharmaceutical, Inc. Subcontract - \$2.6M; \$5.8M potential

*Jennifer Manuzak, PhD*

Division of Microbiology and Immunology - TNPRC

“Mechanisms of Innate Dysfunction in SIV/Malaria Co-infection in Pregnancy”

NIH/NICHHD - R01 - \$4M

*Angela Birnbaum*

Office of Biosafety/TNPRC Biocontainment Operations

“TNPRC Regional Biocontainment Laboratory Upgrade for Capacity Building”

NIH/NIAID - G20 - \$3.2M

## **TNPRC Outstanding Achievement**

### **First NIH R01 Awards**

*Jennifer Manuzak, PhD*

Division of Microbiology and Immunology - TNPRC

“Mechanisms of Innate Dysfunction in SIV/Malaria Co-infection in Pregnancy”

NIH/NICHHD - R01

## **School of Public Health and Tropical Medicine Outstanding Achievements**

### **Largest Funded Research Awards**

*Jane Bertrand, PhD*

Department of Health Policy and Management

“FP in DRC: Local Leadership, National Progress, Global Learning”

Bill & Melinda Gates Foundation - \$4.7M

*David Chae, ScD*

Department of Social, Behavioral and Population Sciences

“Promoting Color Brave Conversations in Families: A Public Strategy to Advance Racial Equity”

NIH U01 - \$3.4M

*Tanika Kelly, PhD*

Department of Epidemiology

“Clonal Hematopoiesis of Indeterminate Potential in Chronic Kidney Disease Patients”

NIH/NIDDK - R01 - \$3.4M

*Thomas LaVeist, PhD*

Department of Health Policy and Management  
"Health Equity Research Learning Collaborative"  
Robert Wood Johnson Foundation - \$2.9M

**School of Science and Engineering (SSE)  
Largest New Award Recipient, FY 2021**

*YiPing Chen, PhD*

Department of Cell and Molecular Biology  
"Characterization and Functional assessment of a novel population of Wnt/ B-catenin driven adipocytes"

**SSE Junior Faculty Award, FY 2021**

*Colin Jackson, PhD*

Department of Earth and Environmental Sciences  
"A Combined Chemical and Physical Investigation of Metal-Silicate Reactions in Magma Oceans"

**School of Social Work (SSW)  
Largest Funded Research Award, FY 2021**

*Anneliese Singh, PhD*

"Impact of Minority Stress on Cardiovascular Disease Risk and Resilience"  
Research Foundation for Mental Hygiene, Inc. - \$142,968

**SSW Junior Faculty Award  
Largest Award, FY 2021**

*Samantha Francois, PhD*

"Sexual and Reproductive Health During Disasters"  
Louisiana Public Health Institute - \$30,000