Community Awards

Quest

**Quest Award ($250)**
Presenter: Thomas Mock
Title: [Catwalk Analysis: A Novel Approach To Profiling Age Differences In Gait](#)

Smith & Nephew

**1st Place Translational Research Award ($500)**
Presenter: Lee D. Gibbs
Title: [Racial Variation in Annexin A2 (AnxA2) Gene Expression and Poor Outcome in Triple-Negative Breast Cancer](#)

**2nd Place Translational Research Award ($300)**
Presenter: Jessica M. Castaneda-Gill
Title: [Development And Characterization Of Methylene Blue-Loaded Nanoparticles For Glioblastoma](#)

2M Research Services

**2M Research Services ($200)**
Presenter: Udoka Obinwa
Title: [Exploring The Relationship Between Socioeconomic Status And C-Reactive Protein Levels In The US Population Using NHANES Survey Data](#)
UTA Research Institute (UTARI)

UTA Research Institute (UTARI) ($200)
Presenter: Kayla Crocker
Title: Visuomotor Integration In Atypical Development

TECH Fort Worth

TECH Fort Worth – Innovation in Research Award ($300)
Presenter: Bhuvaneswari Koneru
Title: Radiotherapeutic Bandage for the Treatment of Skin Cancer

UNTHSC Institute Awards

Institute for Cardiovascular and Metabolic Disease and Research Award

1st Place Graduate Student ($300)
Presenter: Justin Sprick
Title: Hemodynamic And Cerebrovascular Responses To An Acute Bout Of Blood Flow Restriction Resistance Exercise

2nd Place Graduate Student ($200)
Presenter: Divya Duggal
Title: Contractile Differences In Left And Right Ventricles Of Healthy Human Hearts

3rd Place Graduate Student ($100)
Presenter: Brent Shell
Title: Role Of Median Preoptic AT1a Receptors In Control Of Thirst Regulation

Institute for Healthy Aging

Predoctoral Poster Award ($500)
Presenter: Marjana Sarker
Title: The Effect Of Dietary Curcumin Intake On Age Associated Neurobehavioral Dysfunction

Institute for Cancer Research

Top Graduate Student Award ($500)
Presenter: Andrew Gdowski
Title: Bone Microenvironment Targeted Nanoparticles for Metastatic Prostate Cancer Treatment
North Texas Eye Institute

1st Place Graduate Student Presentation ($300)
Presenter: Jaclyn Bermudez
Title: Epigenetic Regulation Of Tgfβ2 In The Pathogenesis Of Glaucoma

2nd Place Graduate Student Presentation ($200)
Presenter: Steffi Daniel
Title: RGC Death In A Mouse Model Of Congenital Glaucoma

3rd Place Graduate Student Presentation ($200)
Presenter: Hannah Webber
Title: The Role Of Canonical Wnt Signaling And K Cadherin In The Regulation Of Intraocular Pressure

School, Department, and Student Association Awards

Texas College of Osteopathic Medicine

1st Place Student Research Award ($500)
Presenter: Reema Palankar
Title: Restricted Intake And Then Some: Relationship Of Changes In Ghrelin And Eating Behavior Patterns One Year After Laparoscopic Banding Surgery

2nd Place Student Research Award ($400)
Presenter: Victoria Kowalewski
Title: The Effects Of Hearing Loss On Postural Control In Older Adults

3rd Place Student Research Award ($300)
Presenter: Christina Pham
Title: The Urgent Management Of T-Cell Acute Lymphoblastic Leukemia (T-ALL) In Children

I.M. Koor Memorial Research Award (OMM Dept.) ($250)
Presenter: Anita Chaphekar
Title: Safety Of Osteopathic Manipulative Treatment On Labor And Delivery Outcomes

Honors Student Research Award ($250)
Presenter: Sabah Ali
Title: Inattention Or Insufficient Sleep? A Look At The Association Between Sleep Disturbances And ADHD Symptoms In Teens
Russ Jenkins Memorial Research Award (Surgery Dept.) ($250)
Presenter: John McElroy, MD
Title: Biomechanical Comparison Of Three Different Constructs For Transverse Olecranon Fractures

1st Place Resident Research Award ($250)
Presenter: John McElroy, MD
Title: Biomechanical Comparison Of Three Different Constructs For Transverse Olecranon Fractures

Resident Research Award – Family Medicine Dept ($250)
Presenter: Steve Bell
Title: Executive Cognitive Dysfunction Associated With Total Serum Protein And Bilirubin In Severe Obesity

1st Place Children’s Health Research Award (Pediatrics Dept.) ($300)
Presenter: Christina Pham
Title: The Urgent Management Of T-Cell Acute Lymphoblastic Leukemia (T-ALL) In Children

2nd Place Children’s Health Research Award (Pediatrics Dept.) ($200)
Presenter: Joshua D Hernandez
Title: Hematopoietic Stem Cell/Bone Marrow Transplant In Pediatric Acute Lymphoblastic Leukemia: A Retrospective Analysis Of Survival Rate And Treatment-Related Mortality

OBGYN Women’s Health Awards

1st Place Poster ($300)
Presenter: Jolene Damoiseaux
Title: Crucial Barriers To Health Center Deliveries In Rural Western Kenya: Accessibility, Knowledge, Or Values?

2nd Place Poster ($200)
Presenter: Lauren Chinnery
Title: Management Of Subcapsular Hepatic Hematoma In A Post-Partum Female With Pre-Eclampsia With Severe Features

Medical Student Government Association

Best in 1st Year ($200)
Presenter: Jolene Damoiseaux
Title: Crucial Barriers To Health Center Deliveries In Rural Western Kenya: Accessibility, Knowledge, Or Values?
Best in 2nd Year ($200)
Presenter: Reema Palankar
Title: Restricted Intake And Then Some: Relationship Of Changes In Ghrelin And Eating Behavior Patterns One Year After Laparoscopic Banding Surgery

Best in 3rd Year ($200)
Presenter: Christina Pham
Title: The Urgent Management Of T-Cell Acute Lymphoblastic Leukemia (T-All) In Children

Best in 4th Year ($200)
Presenter: Anh Q. Nguyen
Title: Cytoprotective And Anti-Glycation Defenses In Porcine Brain After Cardiac Arrest And Cardiocerebral Resuscitation

Graduate School of Biomedical Sciences

1st Place Oral Presentation ($500)
Presenter: Thomas Mock
Title: Catwalk Analysis: A Novel Approach To Profiling Age Differences In Gait

1st Place Postdoctoral Poster Award ($700)
Presenter: Irma E. Cisneros
Title: Methamphetamine-Induced Activation Of Trace Amine Associated Receptor (TAAR) 1 Regulates Astrocyte Excitatory Amino Acid Transporter (EAAT)-2 Via Differential CREB Phosphorylation During HIV-Associated Neurocognitive Disorders (HAND)

Department of Cell Biology and Immunology

1st Place Poster Award ($300)
Presenter: Chaitanya R. Joshi
Title: Polymeric Nanoparticles For Gene Delivery To Human Astrocytes

2nd Place Poster Award ($200)
Presenter: Pejman Rahimian
Title: HIV-1 TAT Induces MIR-132 Expression Leading To Neurotoxicity And Aberrant Dendritic Morphology

3rd Place Poster Award ($100)
Presenter: Venkata Viswanadh Edara
Title: IL-1Beta Autocrine Loop Differentially Regulates Astrocyte Inflammatory Responses In HAND
1st Place Oral Presentation ($300)
Presenter: Maximillion T. Mize
Title: In Susceptible Mice Infected with M. pulmonis, Host Lung Damage is Associated with Recruitment of IL-17A+ Lymphocytes and Neutrophils into the Lung

2nd Place Oral Presentation ($200)
Presenter: Alexandra Witter
Title: Divergent Roles of Extracellular Superoxide Dismutase During Intracellular Bacterial Infection

Robert J. Wordinger Excellence in Virology Research Poster Presentation 1st Place Award ($300)
Presenter: Chaitanya R. Joshi
Title: Polymeric Nanoparticles for Gene Delivery to Human Astrocytes

Robert J. Wordinger Excellence in Virology Research Poster Presentation 2nd Place Award ($200)
Presenter: Pejman Rahimian
Title: HIV-1 TAT Induces MIR-132 Expression Leading to Neurotoxicity and Aberrant Dendritic Morphology

Department of Molecular and Medical Genetics and the Institute of Applied Genetics

1st Place Forensics ($250)
Presenter: F. Nicole Proctor
Title: Effect of Detergent Selection on Quantity of DNA Extracted and on STR Profile Developed from Bone-Derived DNA

Graduate Student Association Awards

1st Place Poster Presentation ($500)
Presenter: Andrew Gdowski
Title: Bone Microenvironment Targeted Nanoparticles for Metastatic Prostate Cancer Treatment

2nd Place Poster Presentation ($350)
Presenter: Sunil Shah
Title: Evaluating Reconstituted High Density Lipoprotein Nanoparticles As Target Specific Doxorubicin Carriers Using Fluorescence Spectroscopy.
3rd Place Poster Presentation ($200)
Presenter: Hannah Webber
Title: The Role Of Canonical Wnt Signaling And K Cadherin In The Regulation Of Intraocular Pressure

School of Public Health & Public Health Student Association

1st Place Poster Presentation ($500)
Presenter: Nabeel Khan
Title: Repetitive Mild Traumatic Brain Injury in a Mouse Model

2nd Place Poster Presentation ($350)
Presenter: Erica L. Stockbridge, MA
Title: Public Policy, Private Practice: Tuberculosis/Latent Tuberculosis Infection (TB/LTBI) Surveillance In The Commercial Healthcare Sector

3rd Place Poster Presentation ($200)
Presenter: Alex Espinoza
Title: Exploring the Role of Protective Factors on Depressive Symptoms among Mexican American Children.

School of Health Professions

Best Physician Assistant Poster Presentation ($300)
Presenter: Yaa Cheremateng
Title: Analysis of Comorbid Depression and Diabetes among Males 30 – 50 Years of Age

Best Physical Therapy Poster Presentation ($300)
Presenter: David Cummings
Title: Physical Therapists’ Role In Community Collaborative Efforts To Improve Safety And Prevent Falls

UNT System College of Pharmacy

Postdoctoral Research Award ($500)
Presenter: Yi Shi
Title: Nitric Oxide- And Cisplatin-Releasing Amine-Modified Mesoporous Silica Nanoparticles For The Treatment Of Non-Small Cell Lung Cancer

Pharmacy Student Research Award ($500)
Presenter: Bhuvaneswari Koneru
Title: Radiotherapeutic Bandage for the Treatment of Skin Cancer