**Institute for Patient Safety**

**Excellence in Patient Safety Research Award – 1st Place Poster ($300)**
Presenter: Meenakshi Srinivasan  
Title: [Population Pharmacokinetics Of Pemetrexed In Adult Non-Small Cell Lung Cancer Patients In India](#)

**Excellence in Patient Safety Research Award – 2nd Place Poster ($200)**
Presenter: Rana Akkad  
Title: [Contamination Rates In Urine Collection At Cook Children’s Pediatric Urgent Care Centers](#)

**Excellence in Patient Safety Research Award – 3rd Place Poster ($100)**
Presenter: Prashanth Reddy  
Title: [Neuroleptic Malignant Syndrome Caused By Cyclobenzaprine](#)

**Institute for Healthy Aging**

**Poster Presentation Award – 1st Place ($400)**
Presenter: Jiangnan Hu  
Title: [Tissue Plasminogen Activator-Porous Magnetic Nanorods For Targeted Thrombolytic Therapy After Ischemic Stroke](#)

**Poster Presentation Award – 2nd Place ($200)**
Presenter: Mavis Tenkorang  
Title: [NADPH Oxidase (NOX1) Mediates Testosterone-Induced Neurodegeneration](#)

**Oral Presentation Award – 1st Place ($400)**
Presenter: Trinh Nguyen  
Title: [let-7i Inhibition Potentiates Progesterone-Induced Functional Recovery In A Mouse Model Of Ischemia](#)
North Texas Eye Research Institute

Graduate Student Poster Award – 1st Place ($300)
Presenter: Prabhavathi Maddineni
Title: Glucocorticoid-Induced Ocular Hypertension Leads To Progressive Retinal Ganglion Cell Loss, Impaired Axonal Transport And Optic Nerve Degeneration In Mice

Graduate Student Poster Award – 2nd Place ($200)
Presenter: Navita Lopez
Title: miR-200b-3p And Mir-211-5p Downregulate The Expression Of Extracellular Matrix And Associated Proteins In Human Optic Nerve Head Astrocytes

Graduate Student Poster Award – 3rd Place ($100)
Presenter: Pinkal Patel
Title: TRPV4-Mediated Regulation Of Intraocular Pressure And Outflow Facility In Mouse Model Of Glucocorticoid-Induced Ocular Hypertension

Graduate School of Biomedical Sciences

Postdoctoral Poster Award – 1st Place ($500)
Presenter: Gef Farmer
Title: Development And Use Of Sniffer Cells To Detect The Presence Of Neuropeptides

Postdoctoral Oral Presentation Award – 1st Place ($500)
Presenter: AJ Rosenberg
Title: The Impact Of Acute Central Hypovolemia On Cerebral Hemodynamics: Does Sex Matter?

Poster Presentation Award – 1st Place ($500)
Presenter: Timothy Van Treuren
Title: MIEN1 Regulates Breast Cancer Cell Migration And Invasion By Altering Cytoskeletal Dynamics Through Focal Adhesion Kinase And N-WASP Signaling

Poster Presentation Award – 2nd Place ($300)
Presenter: Victor Lin
Title: Using Human Pluripotent Stem Cell-Based Models To Understand A Congenital Deglycosylation Disorder-Induced Abnormality In Cerebral Development

Poster Presentation Award – 3rd Place ($200)
Presenter: Jiangnan Hu
Title: Tissue Plasminogen Activator-Porous Magnetic Nanorods For Targeted Thrombolytic Therapy After Ischemic Stroke
Oral Presentation Award – 1st Place ($500)
Presenter: Trinh Nguyen
Title: let-7i Inhibition Potentiates Progesterone-Induced Functional Recovery In A Mouse Model Of Ischemia

Department of Microbiology, Immunology, & Genetics

1st Place Poster ($500)
Presenter: Timothy Van Treuren
Title: MIEN1 Regulates Breast Cancer Cell Migration And Invasion By Altering Cytoskeletal Dynamics Through Focal Adhesion Kinase And N-WASP Signaling

2nd Place Poster ($300)
Presenter: Andrew Gdowski
Title: Scale Up Of Nanolipomer Microfluidic Production For Potential Clinical Trials

3rd Place Poster ($200)
Presenter: Akpedje Serena Dossou
Title: Novel Therapeutic Formulation For The Anticancer Drug Valrubicin Using Human Serum Albumin And D-Alpha-Tocopheryl Polyethylene Glycol 1000 Succinate

Department of Pharmacology & Neuroscience

Oral Presentation Award – 1st Place ($400)
Presenter: Trinh Nguyen
Title: let-7i Inhibition Potentiates Progesterone-Induced Functional Recovery In A Mouse Model Of Ischemia

1st Place Poster Award ($400)
Presenter: Jiangnan Hu
Title: Tissue Plasminogen Activator-Porous Magnetic Nanorods for Targeted Thrombolytic Therapy after Ischemic Stroke

2nd Place Poster Award ($200)
Presenter: Brina Snyder
Title: Testosterone In The Bedroom - Not Always Good

Department of Physiology & Anatomy Integrative Physiology Program

1st Place Poster Award ($300)
Presenter: Alexandria B. Marcianete
Title: DREADD-Induced Inhibition Of The Mnpo Affects Drinking Behavior And Neuroendocrine Function In Adult Male Rats
2nd Place Poster Award ($200)
Presenter: Parul Chaudhary
Title: Hypertensive Young Adult Female Obese Zucker Rats (OZR) Do Not Have The Blunted Baroreflexes And Poor Glycemic Control Observed In Age-Matched Hypertensive Male OZR

3rd Place Poster Award ($100)
Presenter: Grace S. Pham
Title: 6-Hydroxydopamine Aggravates Renal Injury And Inflammation In A Murine Model Of Systemic Lupus Erythematosus

Structural Anatomy & Rehabilitation Graduate Program

1st Place Poster ($300)
Presenter: Alexa Pennavaria
Title: Sexual Dimorphism In The Trochlear Angle Of The Humerus: A Preliminary Investigation In Hunter-Gatherers And Agriculturalists

Texas College of Osteopathic Medicine

Student Research Award – 1st Place ($500)
Presenter: Kristen Payne
Title: Evaluation Of Metformin As An Anti-Cancer Agent In Medulloblastoma

Student Research Award – 2nd Place ($250)
Presenter: Sabrina Tan
Title: Potential Mechanisms By Which Chronic Benzodiazepine Promotes Motoric Aging In Mice

Student Research Award – Best Case Study ($250)
Presenter: Nicolet Finger
Title: Slow-Growing Benign Tumors With Potential For Functional Disability In Neuroblastoma: A Case Study

Honors Student Research Award – 1st Place ($250)
Presenter: Karolina Kata
Title: Estimated Community Prevalence Of Autism Spectrum Disorder With And Without Co-Occurring Developmental Coordination Disorder Significantly Exceeds Observed Prevalence At Two Tarrant County Sites Offering Primary And Secondary Care

Department of Pediatrics

Pediatric Research Award - 1st Place ($300)
Presenter: Kristen Payne
Title: Evaluation Of Metformin As An Anti-Cancer Agent In Medulloblastoma
Pediatric Research Award – 2nd Place ($200)
Presenter: Nicolet Finger
Title: *Slow-Growing Benign Tumors With Potential For Functional Disability In Neuroblastoma: A Case Study*

Department of Osteopathic Manipulative Medicine

OMM-IM Korr, PhD Memorial Award – 1st Place ($250)
Presenter: Molly Chang
Title: *Effects Of Practicing Osteopathic Manipulation Technique (OMT) On Hand Function*

Medical Student Government Association

Best in First Year Class ($200)
Presenter: Dennis Kulp
Title: *Immunological Effects Of Vagus Nerve Stimulation In Murine Systemic Lupus Erythematosus*

Best in Second Year Class ($200)
Presenter: Kristen Payne
Title: *Evaluation Of Metformin As An Anti-Cancer Agent In Medulloblastoma*

Best in Third Year Class ($200)
Presenter: Ranna Al-Dossari
Title: *Diagnosis And Management Of Pyomyositis*

Best in Fourth Year Class ($200)
Presenter: Paresh Atu Jaini
Title: *Epigenetic Evidence To Advance Utility Of Lifestyle Interventions In Managing Depression In Primary Care Practice*

UNT Health Science Center

Interprofessionalism Poster Award – 1st Place ($250)
Presenter: Myrna Hurtado
Title: *Evaluation Of Stability And Anti-Cancer Activity Of Copper(II) Tolfenamic Acid With An Emphasis On Pancreatic*
UNT Health Science Center

2018 Resident Research Award – 1st Place ($300)
Presenter: Christopher Bates
Title: The Radiographic Prepatellar Fat Thickness Ratio Correlates With Infection Risk Following Total Knee Arthroplasty

UNT Health

Poster Award for Health Care Delivery – 1st Place ($250)
Presenter: Kayan Dunnigan
Title: Factors Associated With Patient Satisfaction In A Pediatric Setting Based On A Newly Developed Survey Instrument

School of Public Health & Public Health Student Government Association

1st Place Poster ($500)
Presenter: Abdullah Mamun
Title: Using Machine Learning Technique To Explore Factors Associated With Change In Quality Of Life Among Permanent Supportive Housing Residents

2nd Place Poster ($350)
Presenter: Alexis Rendon
Title: Differences By Depression Severity Category In Cigarette Smoking Among Low-Income Housing Residents

3rd Place Poster ($200) (TIE)
Presenter: Armando L. Moreno
Title: A Market-Based Approach To Improving Passive Surveillance Of Tuberculosis In Tarrant County

AND

Presenter: Brandon Hoff
Title: The Association Between Enrollment In The Supplemental Nutrition Assistance Program And Household Food Security Status
**School of Health Professions**

**Physician Assistant Studies Poster Award – 1st Place ($300)**
Presenter: Lauren Hatfield
Title: *Current Physical Activity Levels May Not Be A Protective Factor For Cognitive Decline In Women Ages 55 To 64*

**Physical Therapy Program Poster Award – 1st Place ($300)**
Presenter: Taylin Watson
Title: *Does Cognitive Restructuring Improve Postural Control in Older Adults?*

**UNT System College of Pharmacy**

**Basic Research Award – 1st place ($350)**
Presenter: Duen-shian Wang
Title: *A Mechanism Study Toward Understanding The Protective Effects Of Glutaredoxin 2 (Grx2) On Light-Induced Retinal Damage*

**Basic Research Award – 2nd place ($250)**
Presenter: Xiaobin Liu
Title: *Using Grapes As A Magic Bullet To Fight Against Free Radicals In The Eye: Application For Cataract Prevention*

**Basic Research Award – 3rd place ($150)**
Presenter: Jennie N. Tran
Title: *The Stability Of Quetiapine Fumarate 10 Mg/Ml Compounded Oral Suspension In Orablad And Ora-Sweet Vehicles Over Time At Two Temperatures*

**Clinical Research Award – 1st Place ($350)**
Presenter: Surulivelrajan Mallayasamy
Title: *Update Of Population Pharmacokinetic Model For Tenofovir (TFV) In HIV-1-Uninfected Members Of Serodiscordant Couples*

**Clinical Research Award – 2nd Place ($250)**
Presenter: Meenakshi Srinivasan
Title: *Population Pharmacokinetics Of Pemetrexed In Adult Non-Small Cell Lung Cancer Patients In India*

**Clinical Research Award – 3rd Place ($150)**
Presenter: Keeley Stone
Title: *Managing Safety And Efficacy In ADHD: A New Wave Of Approaching Treatment Options*
Quest Diagnostics

Quest Diagnostics 2018 Research Award ($500)
Presenter: Olga Sizova
Title: Atrophied Thymus Can Serve As A Tumor Reservoir For Harboring Melanoma Cells

TECH Fort Worth

2018 TECH Fort Worth Innovation Award - Innovative research with the greatest commercial potential ($300)
Presenter: Andrew Gdowski
Title: Scale Up Of Nanolipomer Microfluidic Production For Potential Clinical Trials