RAD 2021 Winners

Graduate School of Biomedical Sciences

Second Place $200 Title: Assessing Ecogeographic Variation in the Nasal Passages Utilizing 3D Semilandmarks
(# 710) Presenter: Lyndee Ward

First Place $400 Title: Craniofacial Bone Mineral Density During Growth in Mice with Osteogenesis Imperfecta (OI)
(# 465) Presenter: Courtney A. Miller

Graduate School of Biomedical Sciences-North Texas Eye Research Institute Graduate Student

Second Place $200 Title: Evaluation of Neuroprotective Effect of hybrid compound SA-2 Nanosuspension in Optic Nerve Crush Mouse Model.
(# 572) Presenter: Charles Amankwa

First Place $400 Title: The Effects of TGFβ2 on Uveoscleral Outflow in the Mouse Eye
(# 662) Presenter: Cooper Stevenson

Graduate School of Biomedical Sciences-Department of Pharmacology & Neuroscience

Second Place $200 Title: Restoration of HIV infected astrocytes functions by utilizing CRISPR-Cas9
(# 596) Presenter: Boyan Leng

First Place $400 Title: Effect of dietary genistein on functional recovery and chronic post-stroke inflammation in ovariectomized middle-aged rats
(# 664) Presenter: Anthony Oppong-Gyebi
Graduate School of Biomedical Sciences Oral Presentation

Second Place $200  Title: Age-related thymic atrophy impairs development and function of an antigen-specific tTreg clone

(# 528) Presenter: Rachel Thomas

Graduate School of Biomedical Sciences Oral Presentation

First Place $400 Title: ER-associated Regulation of Astrocyte Mitochondrial Function during HIV-1 Infection

(# 514) Presenter: Jessica Michelle Proulx

Graduate School of Biomedical Sciences Postdoctoral Poster Presentation

First Place $400 Title: Evaluation of effect of below-limit of quantitation (BLQ) data due to nonadherence in population pharmacokinetic (POPPK) modeling

(# 526) Presenter: Asama Tanaudommongkon

Graduate School of Biomedical Sciences Postdoctoral Oral Presentation

First Place $400 Title: White Mountain Expedition 2019: The Impact of Sustained Hypoxia on Cerebral Blood Flow Responses and Tolerance to Simulated Hemorrhage

(# 450) Presenter: Alexander Rosenberg

Graduate School of Biomedical Sciences-Institute for Healthy Aging

Second Place $200  Title: Long-term effects of late gestational maternal hypoxic stress on mood disorders: Sex and age differences

(# 456) Presenter: Steve Mabry

Graduate School of Biomedical Sciences-Institute for Healthy Aging

First Place $400 Title: Characterization of Mitochondrial DNA Damage in Complex Disease Using Two Different NGS Platforms

(# 533) Presenter: Danielle Reid
Second Place $200  Title: Characterization of rHDL Nanoparticles as a Delivery Vehicle for Glioblastoma Multiforme Chemotherapy
(# 488) Presenter: Ezek Mathew

First Place $400  Title: An updated model for maternal separation with early weaning to study early life stress on immune competency
(# 651) Presenter: Jamie Y. Choe

Second Place $200  Title: Acute Intermittent Optogenetic Stimulation of Median Preoptic Nucleus (MnPO) Induces Sympathetic Long-term Facilitation (sLTF)
(# 480) Presenter: Obed Paundralingga

First Place $400  Title: Rats with placental ischemia and preeclampsia-like symptoms have increased circulating cell-free mtDNA
(# 418) Presenter: Jennifer Gardner

Second Place $200  Title: Sorafenib loaded In-situ Self-Assembling Nanoparticle: A novel approach to increasing oral bioavailability
(# 618) Presenter: Jaylen Mans
Graduate School of Biomedical Sciences Department of Pharmaceutical Sciences & Pharmacotherapeutics

First Place $400 Title: Discovery of Small Molecule Slack Inhibitors for the Treatment of MMPSI: SAR Development in the Eastern Region of Hit Compound VU0606170

(# 400) Presenter: Alshaima’a M. Qunies

SaferCare Texas

Excellence in Patient Safety Research Award

Third Place $100 Title: Patient Safety in the Hospital Pharmacy Setting: Overcoming Barriers and Identifying Solutions

(# 654) Presenter: Hannah Bond

Excellence in Patient Safety Research Award

Second Place $200 Title: Implementation of a Pre-Operative Huddle at a Level 1 Trauma Center

(# 412) Presenter: Griffin Rechter

Excellence in Patient Safety Research Award

First Place $300 Title: How Dirty is Your Phone?—Evaluating Healthcare Workers’ Cell Phone Use & Cleanliness in an Ambulatory Clinic

(# 511) Presenter: Jeffrey Li
School of Health Professions

2021 Physical Therapy Program Poster Award

Second Place $200 Title: Tai Chi and Cardiovascular Conditions
(# 399) Presenter: Mersida Kolenovic, SPT

2021 Physical Therapy Program Poster Award

First Place $300 Title: The Use of Yoga in Children with Autism
(# 552) Presenter: Lezirel Gracia

School of Public Health

2021 School of Public Health & Public Health Student Government Association

Third Place $250 Title: A Non-Parametric Alternative to The Cochran-Armitage Trend Test in Genetic Case-Control Association Studies: The Two-sided Jonckheere’s Test
(# 524) Presenter: Sydney E. Manning

2021 School of Public Health & Public Health Student Government Association

Second Place $400 Title: Women experiencing homelessness and their knowledge, attitudes, and beliefs about contraception and pregnancy: A systematic review
(# 503) Presenter: Annalynn Galvin

2021 School of Public Health & Public Health Student Government Association

First Place $550 Title: Physical Inactivity Among High School Students: A Public Health Concern of the 21st Century
(# 715) Presenter: Amber Deckard

Texas College of Osteopathic Medicine

2021 TCOM Pediatric Research Award

First Place $300.00 Title: Fort Worth Adolescent and Young Adult Cancer Registry: First Look at Initial Data
(# 568) Presenter: Sushreyta Rose
2021 Women's Health Research Award

First Place $300.00  Title: Assessing Accessibility to Domestic Violence Resources within Tarrant County: A Community-Based Study of Prevalence, Barriers, and Proposed Solutions
(# 682) Presenter: Umar Siddiqui

2021 TCOM Pediatric Case Study Award

First Place $200.00  Title: A Scholarly Review of NEJM Case 14-2017: A 20-Year-Old Man with Pain and Swelling of the Left Calf and a Purpuric Rash
(# 628) Presenter: Lauren McCormack

2021 PRECISION Pain Research Registry Award

First Place $250.00  Title: Impact of Failed Back Surgery Syndrome on Health-Related Quality of Life
(# 520) Presenter: Colin Ly

2021 HSC Health Care Delivery Award

First Place $250.00  Title: Telehealth Visit Satisfaction in Geriatric Patients
(# 453) Presenter: Mohammad Rashik

2021 TCOM Student Research Award

Second Place $250.00  Title: Correcting occipitomastoid suture slippage using a high velocity low amplitude technique to improve coordination and balance
(# 392) Presenter: Carl Heinrich

2021 TCOM Student Research Award

First Place $500.00  Title: Telehealth Visit Satisfaction in Geriatric Patients
(# 453) Presenter: Mohammad Rashik
2021 TCOM Student Research Award - Best Case Study
First Place $250.00 Title: A 32-Day-Old Male Infant with a Fall
(# 642) Presenter: Hasti Barzkar

2021 TCOM Honors Student Research Award
First Place $250.00 Title: A 32-Day-Old Male Infant with a Fall
(# 642) Presenter: Hasti Barzkar

2021 UNTHSC Interprofessional Award
First Place $250.00 Title: Assessing Ecogeographic Variation in the Nasal Passages Utilizing 3D Semilandmarks
(# 710) Presenter: Lyndee Ward

2021 TCOM OMM-IM Korr, PhD Memorial Award
First Place $250.00 Title: The Effect of Osteopathic Manipulation Techniques on the Lymphatic System
(# 473) Presenter: Madison Parker

2021 Medical Student Government Association Best in Second Year Class
First Place $200.00 Title: Telehealth Visit Satisfaction in Geriatric Patients
(# 453) Presenter: Mohammad Rashik

2021 Medical Student Government Association Best in Third Year Class
First Place $200.00 Title: Correcting occipitomastoid suture slippage using a high velocity low amplitude technique to improve coordination and balance
(# 392) Presenter: Carl Heinrich
2021 Medical Student Government Association Best in Fourth Year Class
First Place $200.00 Title: Immunological alterations in murine systemic lupus erythematosus following α7-nicotinic acetylcholine receptor antagonism
(# 608) Presenter: Dennis Kulp

2021 Medical Student Government Association Best in First Year Class
First Place $200.00 Title: The Influence of Ecogeographic Variation in Human Nasal Morphology on Thermal Conditioning of Inspired Air
(# 534) Presenter: Elizabeth Thai

**UNT System College of Pharmacy**

UNT System College of Pharmacy Pharmaceutical Science Research Award
Third Place $200 Title: Testosterone Replacement Therapy: Role in Modulating Oxidative Stress within the Entorhinal Cortex
(# 518) Presenter: Ammaar Tajani

UNT System College of Pharmacy Pharmaceutical Science Research Award
Second Place $250 Title: Sex Differences in the Oxidative Stress and Inflammation Response During and After Simulated Hemorrhage in Humans
(# 610) Presenter: Haley J. Barnes

UNT System College of Pharmacy Pharmaceutical Science Research Award
First Place $400 Title: Optimization of CRISPR-Cas9 via the synergy of MD simulation and machine learning
(# 521) Presenter: Duen-Shian Wang

UNT System College of Pharmacy Clinical/Outcomes Research Award
Second Place $250 Title: Association of Prescription Opioid Use and Development of Infectious Diseases: A Systematic Review
(# 632) Presenter: Jennifer Ra
UNT System College of Pharmacy Clinical/Outcomes Research Award

First Place $400 Title: Health Disparities and Risk Patterns of COVID-19 Case, Hospitalization, and Case Fatality in Texas Compared to the United States of America

(# 631) Presenter: Christy Xavier

People's Choice

People's Choice Award

First Place Title: Conducting Research as a First-Year Medical Student

(# 483) Presenter: Siri Tummala