

2021 Appalachian Student Research Forum

Award Winners

Archer, Allen

First Place, Undergraduate Student, Undergraduate Research

Using Funeral Listings and Newspaper Obituaries as Early Indicators of Excess Mortality

Dr. Randy Wykoff, Health Services Management & Policy, East Tennessee State University

Barker, McKayla

First Place, Graduate Student-Doctoral, Healthcare Education & Delivery

I.M.P.A.C.T. of Interprofessional Student Teams at a Remote Area Medical Clinic in Rural Appalachia

Dr. Emily Flores, Pharmaceutical Sciences, East Tennessee State University

Castelblanco, Samantha

First Place, Graduate Student-Doctoral, Psychology

The Effects of Virtual Nature Exposure on State Social Motivation

Dr. Ginette Blackhart, Psychology, East Tennessee State University

Crockett, Stephen

Second Place, Medical Student, Medical Sciences

The State of LGBT+ Health Education: A Systematic Review of LGBT+ Curricula and Resources at M.D. Granting Institutions in the United States

Dr. Abbey Mann, Family Medicine, East Tennessee State University

Ekwudo, Millicent

First Place, Graduate Student-Master's, Biological, Physical & Earth Sciences

*The Effect of Chronic Mild Intermittent Hypoxia, and 2, 4-Dinitrophenol on Longevity and Gene Expression in *Daphnia magna**

Dr. Lev Yampolsky, Biological Sciences, East Tennessee State University

Faust, Bethany

First Place, Medical Student, Case Studies

Cystic Nephroma in a Child with DICER1 Mutations

Dr. Candelaria Deimundo-Roura, Pediatrics, East Tennessee State University

Frempong, Dorcas

First Place, Pharmacy Student, Pharmaceutical Sciences

Microneedle-mediated transdermal delivery of naloxone hydrochloride for treatment of opioid addiction

Dr. Ashana Puri, Pharmaceutical Sciences, East Tennessee State University

Gardner, Nicole

First Place, Medical Student, Medical Sciences

Pilot Study of Coping Skills-Oriented Mental Health Intervention in a Rural Appalachian School

Dr. Karen Schetzina, Pediatrics, East Tennessee State University

Gautam, Deepshila

Second Place, Graduate Student-Master's, Biological, Physical & Earth Sciences

*Characterization of changes in lipid profile during development of the moss *Physcomitrium patens**

Dr. Aruna Kilaru, Biological Sciences, East Tennessee State University

Gravitte, Amy

First Place, Graduate Student-Doctoral, Physiology Biology

*Estrogen treatment protects mice from *C. muridarum* infection*

Dr. Jennifer Hall, Biomedical Sciences, East Tennessee State University

Jensen, Samantha

First Place, Medical Resident or Clinical Fellow, Medical Sciences

Assessing Resident Physician Knowledge about Breastfeeding Medicine in a Rural Family Medicine Clinic

Dr. Amanda Stoltz, Family Medicine, East Tennessee State University

Mahan, Kristin

Second Place, Graduate Student-Doctoral, Psychology

A brief characteristic analysis of a small sample of female youth who have engaged in sexually abusive behaviors

Dr. Jill Stinson, Psychology, East Tennessee State University

Nicholson, Caitlin

Second Place, Medical Student, Case Studies

Atypical Covid-19-Associated Pneumonia in a Pediatric Patient

Dr. Brock Blankenship, Health Sciences, East Tennessee State University

Okwori, Glory

First Place, Graduate Student-Doctoral, Health Services Management & Policy

Health Care Burden and Expenditure Associated with Adverse Childhood Experiences in Tennessee and Virginia

Dr. Megan Quinn, Biostatistics & Epidemiology, East Tennessee State University

Phillips, Kaitlyn

Second Place, Pharmacy Student, Pharmaceutical Sciences

The Influence of Long-Term Ritalin Exposure in a Female Model of Parkinson's Disease

Dr. Brooks Pond, Pharmaceutical Sciences, East Tennessee State University

Rahman, Aurin

First Place, Graduate Student-Master's, Health Measures & Outcomes

Perceived Impact of Contraceptive Trainings on Performance and Patient Care Among Safety Net Clinics in South Carolina

Dr. Kate Beatty, Health Services Management & Policy, East Tennessee State University

Shook, Paige

Second Place, Graduate Student-Doctoral, Physiology Biology

Long-Term Cardioprotective Potential of Exogenous Ubiquitin in the Treatment of Post-Myocardial Ischemia/Reperfusion Injury of the Heart

Dr. Krishna Singh, Biomedical Sciences, East Tennessee State University

Snipes, Chelsie

Second Place, Undergraduate Student, Undergraduate Research

Sound transmission by the hyoid apparatus during echolocation in bats

Dr. Richard Carter, Biological Sciences, East Tennessee State University

Wolff, Megan

First Place, Graduate Student-Master's, Health Measures & Outcomes

Taking Care of the Caregivers

Dr. Diana Morelen, Psychology, East Tennessee State University