The 2016 Appalachian Student Research forum provided a region-wide opportunity for faculty and students to showcase their research accomplishments. Faculty, staff, students, and recent alumni in our College were part of 19 oral presentations and 47 poster presentations, representing about a quarter of all presentations in the Forum! Perhaps even more impressively, 32 faculty and/or staff in the College and 61 students or recent alumni were part of one or more oral or poster presentations.

Of 53 awards presented, College of Public Health faculty and/or students received seven first place awards and six second place awards.

An event like the ASRF relies extensively on volunteer support. Special thanks to Ranjan Chakraborty for serving on the Task Force, and the 11 faculty and staff who served as judges (page 4 of the Program Book)

Click the hyperlinks to view the 2016 Program Book and the complete list of Award Winners.
Awardees
(red designates current students, blue designates alumni, bold designates faculty)

Poster Presentations:

First Place

- Kristen Davis and Dr. Sean Fox. Department of Health Sciences, College of Public Health, East Tennessee State University, Johnson City, TN. “The Inhibitory Polymicrobial Interactions of Alcaligenes Faecalis and Staphylococcus Aureus”
- Emma E. Pendola, Aubrey N. Sciara, Jessica D. Crawford, Gregory A. Ordway, and Michelle J. Chandley. Department of Health Sciences, College of Public Health, Department of Biological Sciences, College of Arts and Sciences, Department of Biomedical Sciences, Quillen College of Medicine, East Tennessee State University, Johnson City, TN. “Pro-Inflammatory Microglia Pathology in the Anterior Cingulate Cortex in ASD”
- Anthony Peluso, Dr. Katie Baker, Amanda Peterson, and Dr. Sherry Pagoto. Department of Community and Behavioral Health, College of Public Health, East Tennessee State University, Johnson City, TN; UMass Center for Health and Social Media, university of Massachusetts Medical School, Worsester, MA. “Social Media Use Among Public High Schools in Tennessee: Potential Platforms for Parent-Based Health Campaigns”
- Olivia Egen, Dr. Kate Beatty, Dr. Randy Wykoff, and Dr. David Blackley. Department of Community and Behavioral Health, Department of Health Services Management and Policy, College of Public Health, East Tennessee State University, Johnson City TN; US Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Division of Respiratory Disease Studies, Surveillance Branch, Morgantown, WV. “The Poorest “State” in America: The Health and Social Conditions of America’s Poorest Counties”
- Nathaniel Hancock, Brian Evanshen, Brett Coggins, and Thomas C. Jones. Department of Biological Sciences, College of Arts and Sciences, Department of Environmental Health, College of Public Health, East Tennessee State University, Johnson City, TN. “Behavioral Effects of Sub-Lethal Cadmium (Cd) Exposure in the Spider Anelosimus Studiosus”

Second Place

- Casey Morrell, Amy Poole, Dr. Megan Quinn, Dr. Andrew Joyner, and Crystal Johnson. Department of Biostatistics and Epidemiology, College of Public Health, Department of Geosciences, College of Arts and Sciences, East Tennessee State University, Johnson City, TN. “Analysis of Tennessee Population Served by Certified Stroke Centers”
- Chukwuemeka Ogbru, Dr. Sheryl Strasser, Casey Morrell, Nicole Holt, and Dr. Shimin Zheng. Department of Biostatistics and Epidemiology, College of Public Health, East Tennessee State University, Johnson City, TN; School of Public Health, Georgia State University, Atlanta, GA. “Association Between Physical Fighting and Risk Factors in Middle School Students in Tennessee: Data from the 2013 Tennessee Youth Risk Behavior Survey”
Danielle Williams and Christopher Pritchett. Department of Health Sciences, College of Public Health, East Tennessee State University, Johnson City, TN. “Elucidation of the Pathway by which the Minor Pilin Operon Negatively Regulates ALGZ Expression in Pseudomonas Aeruginosa”

Sean Stacey and Christopher Pritchett. Department of Health Sciences, College of Public Health, East Tennessee State University, Johnson City, TN. “Algu Regulates TSSA1 Expression in Pseudomonas Aeruginosa”

Courtney L. Cook, Dr. Jill Stinson, and Dr. Megan Quinn. Department of Psychology, College of Arts and Sciences, Department of Biostatistics and Epidemiology, College of Public Health, East Tennessee State University, Johnson City, TN. “Early Childhood Adversity and Chronic Illness: An Examination of a High-Risk Forensic Inpatient Population.”

Wyeth Lawson and Dr. Ivy Click, Department of Family Medicine, Quillen College of Medicine, East Tennessee State University, Johnson City, TN. “A Retrospective Analysis of Pregnancy and Birth Outcomes Associated with a Prenatal Care Outreach Program for Hispanic Women in Rural Tennessee”

Oral Presentations:

First Place

Renice Obure, Ajinkya Kumbhare and Dr. Megan Quinn. Department of Biostatistics and Epidemiology, College of Public Health, East Tennessee State University, Johnson City, TN. “Temporal Trends in Primary Liver Cancer (PLC) Survival Rates in US Adults 45 Years and Older”

Aubrey N. Sciara, Emma E. Pendola, Dr. Jessica D. Crawford, Dr. Michelle Chandley, and Dr. Gregory A. Ordway. Department of Biological Sciences, College of Arts and Sciences, Department of Health Sciences, College of Public Health, Department of Biomedical Sciences, Quillen College of Medicine, East Tennessee State University, Johnson City, TN. “Characterization of Anti-Inflammatory microglia in Anterior Cingulate Cortex White Mater in Autism Spectrum Disorder”