

15th Annual SC Upstate Research Symposium Student Awards

ORAL PRESENTATION CATEGORIES AND AWARDS

HISTORY, POLITICAL SCIENCE, & PHILOSOPHY

Jamie Caldwell, University of South Carolina Upstate
An Examination of Ethnic Fractionalization's Impact on Regime Durability
Mentor: Dr. Matthew Placek

HUMANITIES I

Kristen Adolf, University of South Carolina Upstate
Sexual Violence and Adolescents: Ending the Stigma of Conversation
Mentor: Tasha Thomas

HUMANITIES II: FINE ARTS AND COMMUNICATION

Daniel Hudson, Lander University
The Storytelling Potential of Augmented Reality
Mentor: Dr. Lillian Craton

MATHEMATICS AND ENGINEERING

Arthur Cartwright, Clemson University
Optimization of Thermoelectric Module Subcomponent Dimensions
Mentor: Dr. Srikanth Pilla

SOCIAL SCIENCES

Shimia Hunter, University of South Carolina Upstate
Pollution on the Rise: Inequalities in Exposure to Environmental Chemical Pollution in the United States
Mentor: Dr. Calvin Odhiambo

NATURAL SCIENCES I: MOLECULAR BIOLOGY

Nuri Smith, University of South Carolina Upstate
Excess vitamin B12 and expression of MECP2, DNMT1, DNMT3A, DNMT3B
Mentor: Dr. Kimberly Shorter

NATURAL SCIENCES II: ENVIRONMENTAL BIOLOGY

Alexis Clark, Presbyterian College
*The effects of urbanization as a proxy for climate change on the dendroclimatic signal of White oak (*Quercus alba*) in the upstate of South Carolina*
Mentor: Dr. Michael Rischbieter

POSTER PRESENTATION CATEGORIES AND AWARDS

FINE ARTS & HUMANITIES

Danielle Jago, University of South Carolina Upstate

"He Would Know for Sure That He Possessed Her Absolutely": The Problem of Point of View in Orhan Pamuk's Snow

Mentor: Dr. Richard Murphy

MATH & COMPUTER SCIENCE

Lee Phillips & Quinton Amick, Lander University

Predicting College Students' Next Year: A Machine Learning Approach

Mentor: Dr. Gilliean Lee

NATURAL SCIENCES

TIE BETWEEN:

Melissa Lech & Jessica Cuadra, University of South Carolina Upstate

Developing methods for the synthesis of bacteriochlorin-glycoconjugates

Mentor: Dr. Joshua Ruppel

Nicole Rogers, University of South Carolina Upstate

Effect of miR-718 on the PI3K/AKT/MTOR pathway and dendritic spine counts in SHSY5Y cells

Mentor: Dr. Kimberly Shorter

NURSING & HEALTHCARE

Michelle Landge, USC Upstate Greenville Campus

The Use of Palliative Care to Enhance Quality of Life

Mentor: Dr. Dawn Henderson

SOCIAL SCIENCES

TIE BETWEEN:

Mia Gonzalez, University of South Carolina Upstate

Effects of PTSD in Relation to Taking FMLA Leave

Mentor: Dr. Jan Griffin

Leah McNeil, Presbyterian College

Does Perceived Parenting Affect Behavioral Conduct in CHAMPS Students?

Mentor: Dr. Brooke Spatta