BUSINESS AND POLITICS:

Katie Bishop, Presbyterian College
The IRS & Taxes: A System Americans Love to Hate
Mentor: Dr. Karen Mattison

EDUCATION AND SERVICE LEARNING:

Kassie Franck, Wofford College
The Effectiveness of Boss’ Healthy Buddies Nutritional Program in Elementary School Students
Mentor: Dr. David Pittman

FINE ARTS, PHILOSOPHY AND CULTURE:

Tie Between:

Julie Woodson, Wofford College
Finding Independence in Education: The Artistic Journey of Julia Elizabeth Tolbert
Mentor: Dr. Karen Goodchild

Michal Busbee, Wofford College
Mural Art for a Community: exploring the Chicano Mural movement in Texas
Mentor: Dr. Karen Goodchild

ENGLISH, LINGUISTICS AND HISTORY:

Savannah Tranter, Greenville Technical College
Women’s Role in the French and Russian Revolutions
Mentor: Dr. Lee McAbee

NATURAL SCIENCES:

Kip Callahan, University of South Carolina Upstate
Mercury & Cs-137 concentrations among tissues of Nerodia floridana inhabiting former nuclear reactor cooling reservoirs
Mentor: Dr. Melissa Pilgrim
BIOINFORMATICS & HEALTH SCIENCES: Undergraduate

Suzie Pace, Lander University
*Developing a Model System to Measure the Effectiveness of Transdermal Transportation of Nutrients*
Mentor: Dr. Timothy Maze

BIOINFORMATICS & HEALTH SCIENCES: Graduate

Mona Maharjan, Claflin University
*Determination of Biomarkers for Diagnosis of Lung Cancer using Cytoscape-based GO Analysis*
Mentor: Dr. Kamal Chowdhury

FINE ARTS & SOCIAL SCIENCES:

Mary Norris, University of South Carolina Upstate
*John Coltrane’s Modal Jazz: An Analysis of “After the Rain”*
Mentor: Dr. Nolan Stolz

BIOLOGY & PHYSIOLOGY:

Tie Among:

Daniel Clark, University of South Carolina Upstate
*Does a 10x folic acid dose affect gene expression of chromatin modifying enzymes in human neurons with a gene knockdown of MTHFR?*
Mentor: Dr. Kimberly Shorter

Blair Harmon, Lander University
*The Effects of Caffeine on HNK1 and CYP1A2 Expression in Brains of Developing Chick Embryos*
Mentor: Dr. Jennifer Maze

Rachael Schmelz, University of South Carolina Upstate
*Does high folic acid alongside a gene knockdown of MTHFR induce histone modifications and altered neurobiology in a human neuronal cell line?*
Mentor: Dr. Kimberly Shorter

CHEMISTRY & ENVIRONMENTAL SCIENCE:

Mary Lacombe, Lander University
*Lead Analysis of Drinking Water at a South Carolina University*
Mentor: Dr. Albert Dukes, III