



Posters: Cormier Honors College, Independent Research Students (All Disciplines)

11:30AM-12:30PM, Blackwell Ballroom

Poster Numbers: 1- 42: Cormier Honors College for Citizen Scholars

Cassandra Tagert (ENGL 413, Faculty Mentor: Dr. Robert Lynch), “Defining post-postmodernism in art”

Casey Bainbridge (ART 448, Faculty Mentor: Dr. Kelly Nelson), “3-D printing in the classroom”

Kellen Spradlin (HLTH 325, Faculty Mentor: Dr. Amanda Blaisdell), “Cultural Competency Education in the Healthcare Setting”

Zachary Morgan (CHEM 351, Faculty Mentor: Dr. Sarah Porter), “X-ray fluorescence spectroscopy in chemical analysis of bone fragments”

Amanda Topping (ART 369, Faculty Mentor: Dr. Terri Sabatos) “Edward Sheriff Curtis and the White Perspective of Native Peoples”

Maeve Losen (HIST 490, Faculty Mentor: Dr. Larissa Ferguson), “Elizabeth Van Lew and the Civil War”

Mahelet Mamo (BIOL 450, Faculty Mentor: Dr. Amorette Barber), “Effect of Seven-in-Absentia Homolog 2 (SIAH2) on proliferation of Lung Cancer Cells”

Madeline Kinkoph (NURS 350, Faculty Mentor: Dr. Lisa Minor), “Maternal & Newborn Nursing”

Megan Bland, Matthew Bowman, Hannah Hatke, Alyssa Oppedisano (BIOL 399, Faculty Mentor: Dr. Adam Franssen), “The Human Advantage”

Emilia Gamble (POSC 305, Faculty Mentor: Dr. Scott Cole), “The Open Secret: Stuxnet and Obama's Cabinet”

Madison Cutten (KINS 486, Faculty Mentor: Dr. Jo Morrison), “Exercise Testing and Perscription”

Jordan Berkompas (CMSC 350, Faculty Mentor: Dr. Don Blaheta), “Net Neutrality: A Case Study in the United States”

Payton Conway (HIST 330, Faculty Mentor: Dr. Yulia Uryadova), “Conflicts in the Artificial Republics of Central Asia”

Shave Crean (BIOL 404, Faculty Mentor: Dr. Amorette Barber) , “Activation of Cytotoxic T Cells by Toll-like Receptors as a Potential Treatment for Breast Cancer”

Troy Clift (EASC 410, Faculty Mentor: Dr. Joe Garcia), “Classifying Members of the Chesapeake Group”

Walter James Coleman (CMSC 420, Faculty Mentor: Dr. Julian Dymacek), “Steinhaus Graphs as a Tool”

Tatianna Griffin, Kathryn Kosiorek (BIOL 326, Faculty Mentor: Dr. Dale Beach), “Effects of Gene Deletion on the Function of *Saccharomyces Cerevisiae* Cells”

Abigail Mescher (ENGL 380, Faculty Mentor: Dr. Chris McGee), “Children’s Literature”

Hannah Johnson (BIOL 330, Faculty Mentor: Dr. Mark Fink), “The Relationship Between the Iberian Lynxes and the European Rabbit”

Danyelle Henderson (HIST 300, Faculty Mentor: Dr. David Geraghty), “NCSS Standards for High School”

Amanda Holmes, Meredith Puryear, Hunter Purcell (CSDS 450, Dr. Lissa Power-de Fur), “The Relationship Between Music and Air”

Amanda Holmes (CSDS 430, Faculty Mentor: Dr. Ronda Walker), “The ‘First People’ of Our Nation, One of the Last in Literacy”

Haley Tebo (GAND 226, Faculty Mentor: Dr. Wade Lough), “Typography 1”

Mary Anderson (PSYC 373, Faculty Mentor: Dr. Chris Bjornsen), “Effects of Poverty on Education”

Amanda Holmes (Study Abroad Experience), “The Journey of Federal Recognition for Virginia Tribes”

Hannah Prem (MANG 362, Faculty Mentor: Dr. Haley Woznyj), “Diversity on Campus”

Shane Crean (SPAN 201, Faculty Mentor: Dr. Fernandez Urenda), “The Importance of Spanish in Medical Professions”

Sierra Garland (KINS 389, Faculty Mentor: Dr. Dan Michael), “The effect of movement on learning”

Jenna Tomayko (CRIM 455, Faculty Mentor: Dr. Wright), “Comparison of the Chinese Constitution with a concentration on specific amendments”

Jenna Tomayko (SOCL 376, Faculty Mentor: Dr. William Burger), “Attitudes Towards Gun Control at Longwood University”

Kathryn Bates (BIOL 250, Faculty Mentor: Dr. Dale Beach), “Science is a way of life. - Ruth Sanger”

Abigail Harris (BIOL 250, Faculty Mentor: Dr. Dale Beach), “The Odyssey of Dr. Terrie M. Williams”

David Sawyer (BIOL 250, Faculty Mentor: Dr. Dale Beach), “Rachel Carson: The Poet Scientist”

Dorian Tignor (BIOL 250, Faculty Mentor: Dr. Dale Beach), “Dr. Beatrice Hahn: A Pioneer in Science”

Poster Numbers: 43- 60: Independent Research Students (All Disciplines)

Andrea Soles (Faculty Mentor: Dr. Amorette Barber), “Enhancing the anti-tumor efficacy of chimeric-PD1 expressing T cells with naturally occurring plant stilbenes”

Elle Richardson (Faculty Mentor: Dr. Amorette Barber), “Chimeric PD1- expressing T cells as a potential treatment of prostate and bladder cancers”

Shane Crean, Geoffrey Parriott (Faculty Mentor: Dr. Amorette Barber), “Inclusion of a Dap10 costimulatory domain enhances anti-tumor efficacy of chimeric PD1-expressing T cells in multiple types of solid tumors”

Brittany Kyle (Faculty Mentor: Dr. Mary Lehman), “Comparison of intermittent and continuous allelochemical stress in plant bioassay experiments”

Ashley Cake (Faculty Mentor: Dr. Amorette Barber), “PD1-induced anergy is differentially regulated by CD28 and NKG2D costimulation in murine CD8 T cells”

Jacob Giles (Faculty Mentor: Dr. Troy Purdom), “Training stress on lower body mobility, joint symmetry and anaerobic power in Division I female soccer players across the competitive season”

Patrick Martin (Faculty Mentor: Dr. Kyle Levers), “The effect of detraining and body composition and power production in female collegiate athletes”

Briana Bissell (Faculty Mentor: Dr. Rhonda Brock-Servais), “Mental Illness in Fantasy Young Adult Literature”

Jordan Howard (Faculty Mentor: Dr. Troy Purdom), “Evaluation of running anaerobic sprint test (RAST) in Division 1 female soccer players across the summer and competitive seasons”

Chase McPherson (Faculty Mentor: Dr. Troy Purdom), “Comparison of different RMR prediction equations over a nine week detraining period in Division I female soccer athletes”

Lindsey Brown ((Faculty Mentor: Dr. Kyle Levers), “Effects Of Short-Term Detraining on Measures of Anaerobic Power in Division I Female Soccer Athletes”

Katherine Hartley (Faculty Mentor: Dr. Thomas Wears), “The Geometry of Bicycle Tracks”

Mary Zell Galen (Faculty Mentor: Dr. James Munson), “Paper Money and Pitt’s Gold: Exploring Cultural Reactions to the 1797 Bullionist Controversy”

Nicole Marzolf (Faculty Mentor: Dr. Michelle Parry), “Applications of Spherical Geometric in Physics”

Olivia Zaleski, Lee Van (Faculty Mentor: Dr. Scott McElfresh), “Concert Band Website”

Ethan Tabbert (Faculty Mentor: Dr. Ed Kinman), “Virginia Geographic Connections During the Late Colonial Period”