

THESIS, DISSERTATION, AND CAPSTONE

SCHOLARSHIP WINNERS

2018 – 2019

Serena Allen

Outstanding Dissertation: *The Combined Neuropharmacology and Toxicology of 'Bath Salts' Constituents MDPV, Mephedrone and Methyone*

Esosa Mohammed

Outstanding Thesis in Arts and Humanities: *Resilience of Nigerian Widows in the Face of Harmful Widowhood Practices in Southwest Nigeria: An Interdisciplinary Analysis*

Eaven Holder

Outstanding Thesis in Education and Social Science: *Political Competition and Predictors of Hate Crime: A County-level Analysis*

Jesse Daniels

Outstanding Thesis in Science, Mathematics, Technology and Computer Science: *Direct and Indirect Effects of Invasive *Cirsium Arvense* on Pollination in Southern Appalachian Floral Communities*

2017 -2018

Makenzie Leigh Fulmer

Outstanding Dissertation: *Role of Cannabinoid Receptor Type 2 (CB2) in Late Stage Atherosclerosis*

Parker A. Dreves

Outstanding Thesis in Education and Social Science: *Neuroticism and Ego Depletion Patterns*

Md Salman Ahmed

Outstanding Thesis in Science, Mathematics, Technology and Computer Science: *An Investigation into the Performance Evaluation of Connected Vehicle Applications: From Real-World Experiment to Parallel Simulation Paradigm*

Haley C. Laurance

Outstanding Capstone Project: *An Oral Hygiene Teaching Module for the Education of Certified Nursing Assistants*

2015 – 2016

Saundra K. Reynolds

Outstanding Thesis in Art and Humanities: *Media Representation of Islam and Muslims in Appalachia*

Dannel K. Petgrave

Outstanding Thesis in Social Sciences and Education: *ADHD Management in Pediatric Primary Care: Time is Not on Our Side*

Preethi Sathanantham

Outstanding Thesis in Computer Sciences, Math, Technology, and the Sciences: *Impact of Mutations of Targeted Serine, Histidine, and Glutamate Residues in Citrus paradise Flavonol Specific Glucosyltransferase Activity*

2014 -2015

Christopher R. Daniels

Outstanding Dissertation : *Extracellular Ubiquitin: Role in Cardiac Myocyte Apoptosis and Myocardial Remodeling*

Veronica Limeberry

Outstanding Thesis in Art and Humanities: *Eating in Opposition: Strategies of Resistance Through Food in the Lives of Rural Andean and Appalachian Mountain Women*

Catherine Rowe

Outstanding Thesis in Social Sciences and Education: *Health-Related Quality of Life and Suicidal Behaviors in Primary Care Patients: Conditional Indirect Effects via Interpersonal Needs and Depressive Symptoms*

Olusegun "Adeboye" Adepoju

Outstanding Thesis in Computer Sciences, Math, Technology, and the Sciences: *Using Site-Directed Mutagenesis to Determine Impact of Amino Acid Substitution on Substrate and Regiospecificity of Grapefruit Flavonol-3-O-Glucosyltransferase*

2013 -2014

Roger Lee Blackwell

Outstanding Dissertation: *Health Service Utilization and Stigma among HIV-Positive Men-Who-Have-Sex-With-Men (MSM) in Rural Appalachia*

John Greenlee

Outstanding Thesis in the Art and Humanities: *"Queen of All Islands": The imagined Cartography of Matthew Paris's Britain*

Elizabeth Cummins-Freeman

Outstanding Thesis in Social Sciences and Education: *Methylphenidate Conditioned Place preference in Juvenile Adolescent Male and Female Rats*

Russell Ingram

Outstanding Thesis in Computer Science, Math, Technology, and the Sciences: *Cause and Impacts of the Early Season Collapse of *Lilium grayi* (Gray's lily) on Roan Mountain, TN/NC*

2012 -2013

Trista Wright

Outstanding Dissertation: *Effects of Burn Injury on Biological Ethanol and Ethyl Glucuronide Concentrations*

Jacob Owen Bryant

Outstanding Thesis in Art and Humanities: *The Invisible Enemy: The Effects of Polio on the American War Effort during World War II, 1941-1945*

Daniel McKelvey

Outstanding Thesis in Social Sciences and Education: *Identity Discrepancy, Male Role Norms, and Mental and Physical Health*

George Beckham

Outstanding Thesis in Science, Math, Technology, and Computer Sciences: *Physical and Anthropometric Factors Influencing the Isometric Strength in Key Positions of the Conventional Deadlift in Powerlifters*

Laura Teran

Outstanding Capstone Project: *Implementation of a Spanish Language Course into Dental Hygiene Programs: Barriers, Influences, and Benefits*

2011 -2012

Courtney Netherland

Outstanding Dissertation: *Role of Type 2 Cannabinoid Receptor (CB2) in Atherosclerosis*

Amanda Stephenson Aubrey

Outstanding Thesis in Arts and Humanities: *The Gastonia Novels and Ecofeminism: Rereading the Works of Fielding Burke, Grace Lumpkin, and Myra Page*

Elizabeth Conway-Williams

Outstanding Thesis in Social Sciences and Education: *Forgiveness, Obsessive-Compulsive Symptoms, and Locus of Control in a College Sample*

Ralitsa B. Borisova

Outstanding Thesis in Science, Math, Technology and Computer Science: *Isolation of a Rhodococcus Soil Bacterium that Produces a Strong Antibacterial Compound*

Lori Smith

Outstanding Capstone: *The Effectiveness of a Motor Speech Intervention for a Child with Autism*

Audrey Peters

Outstanding Thesis Arts/Humanities: *Pro Patria: Fatherhood and Fatherland in Chimamanda Adichie's Purple Hibiscus*

Kathryn Duvall

Outstanding Thesis Education/Social Science:

Diwaker Tripathi

Outstanding Thesis Math, Science& Technology:

Nominated by: Dr. Dharendra Kumar

Kathryn W. Hayes

Outstanding Capstone:

2009 -2010

Margaret Shipley Carr

Outstanding Thesis in Arts and Humanities: *The Temperance Worker as Social Reformer and Ethnographer as Exemplified in the Life and Work of Jessie A. Ackermann*

Sean Rife

Outstanding Thesis in Education & Social Science: *Sexual Assault, Perceived Stigma, and Christian Fundamentalism: Understanding Support Seeking Among Victims*

Sai Konda

Outstanding Thesis Math, Science& Technology: *Computational Investigation of Spin Traps Using Hybrid Solvation Models*

Jingru Sun

Outstanding Dissertation: *Nectin-1 is Degraded in Chlamydia trachomatis -infected Genital Epithelial Cells and is Required for Herpes Simplex Virus Co-infection-induced C. trachomatis Persistence*

Timothy Selby

Outstanding Capstone: *Coca-Cola Advertising and American Popular Culture: The Long Road Up to the Hilltop*

2008 -2009

Lahla Deakins

Outstanding Thesis in Arts and Humanities: *Art and Community: A Proposal for a Non-Profit Pottery Program in Appalachia.*

Elizabeth Roe

Outstanding Capstone: *Wilderness Therapy for Adolescents: Utilizing Nature to Effect Change in Juvenile Delinquents*

Maryann Stone

Outstanding Thesis in Education/Social Science: *Predicting Behavior from Psychopathic and Antisocial Personality Traits in a Student Sample*

Jennifer Vanover

Outstanding Dissertation: *Herpes Simplex Virus Glycoprotein D/Host Cell Surface Interaction Stimulates Chlamydia trachomatis Persistence via a Novel Pathway*

2007 – 2008

Timothy Southern

Outstanding Dissertation: *Examination of Microsporidia Spore Adherence and Host Cell Infection in Vitro*

Mark Sharman

Outstanding Thesis in the Arts and Humanities: *A Study of How Four Black Newspapers Covered the U.S. Masters Tournament, 1994 Through 2001*

Bradley Edwards

Outstanding Thesis in Education/Social Science: *Media: Effects on Attitudes toward Police and Fear of Criminal Victimization*

Christian Muenyi

Outstanding Thesis in Science, Math, Technology, and Computer Science: *Vitamin E (Tocotrienols) and Prostate Cancer: A Proteomics Approach*

Patricia Marlow

Outstanding Capstone: *The Quilt, the Patterns, the Makers Yesterday and Today: From a Utilitarian Mainstay to a Twenty-first Century Object of Art*

2006 – 2007

Yiyong Liu

Outstanding Dissertation: *1, Structural and Functional Studies of Human Replication Protein A; 2, DNA Damage Responses and DNA Repair Defects in Laminopathy-Based Premature Aging*

Tabetha Garman

Outstanding Thesis in the Arts and Humanities: *Designed for the Good of All: The Flushing Remonstrance and Religious Freedom in America*

David I. Yates

Outstanding Thesis in Science, Math, Technology, and Computer Science: *Latex of *Sciadopitys verticillata* (Thunb.) Siebold and Zuccarini: Antibiotic Properties, Phytochemistry, and Inhibition of Adventitious Rooting of Stem Cuttings*

Tina S. Liles

Outstanding Capstone Project: *Effects of the Multiple Oppositions Approach Within a Mixed Phonetic/Phonemic Speech Disorder*

2005 – 2006

Srilekha Deka

Outstanding Dissertation: *Induction of Chlamydia trachomatis Persistent State by Herpes Simplex Virus Type 2 Does Not Require Productive Viral Replication*

Adam Sanders

Outstanding Thesis in the Arts and Humanities: *Mimetic Transformations of Sacred Symbols: Christianity in Appalachian Literature*

Brenda J. Salley

Outstanding Thesis in Social Sciences/Education: *Does Joint Attention Mediate the Relationship Between Temperament and Language?*

Clarisse Sornsay Muenyi

Outstanding Thesis in Science, Math, Technology, and Computer Sciences: *Cell Toxicology Study of RRR-alpha-Tocopherol Polyethylene Glycol 1000 Succinate (TPGS)*

Ashley Brooke Harmon Head

Outstanding Capstone Project: *Efficacy of Diabetes Education on Hemoglobin A1c Levels in Out-Patients*

2004 -2005

Amy Reeves

Outstanding Dissertation: *Childhood Experiences of Appalachian Women Who Have Experienced Intimate Partner Violence During Adulthood*

Mary F. Fanslow

Outstanding Thesis in the Arts and Humanities: *Resorts in Southern Appalachia: A Microcosm of American Resorts in the Nineteenth and Early Twentieth Centuries*

Kathryn B. McNeill

Outstanding Thesis in Social Sciences/Education: *Communication Cues to Action that Prompted Central Appalachian Women to have a Mammogram*

Christy L. Strong

Outstanding Thesis in Science, Math, Technology, and Computer Sciences: *Flavonoid Glucosyltransferases: Cloning and Sequencing of Putative Glucosyltransferases from Citrus paradise (Grapefruit) Leaves*

Dusty M. Hibbs

Outstanding Capstone Project: *"The Immigrant Experience: Russians in the Coal Camp"* (support paper); *"Mining a New Life"* (exhibit in B. Carroll Reece Museum 3/24-4/5/05)