Winter Creative Activities and Research Days

Dec. 4, 2019
Noon to 6 p.m.
Kyle Hall 340
Winter CARD Coordinators in OURS

Joe Wirgau, Director
Maggie Pate, Associate Director
Alyssa Thompson, Administrative Assistant
Zoe Millard, Graduate Assistant
Sam Doncaster, Executive Student Assistant
Jillian Rauch, Executive Student Assistant

The following individuals and officers are acknowledged for their contributions:

Jeff Aspelmeier, Chair of Psychology
Roann Barris, Professor of Art
Ann Elliott, Director of The Center for Gender Studies
David Horton, Assistant to the Dean of Artis College
Jonathan Mayer, Assistant Manager Printing Services
Hannah Moses, Media Designer University Relations
Meghan Spraker, Dir Digital Communications, University Relations
Ellen Taylor, Assistant Director Career and Talent Development
Jeff Willner, Professor of Psychology
Josh Wimmer, Graphic Production Tech Printing Services

Welcome:

It is my pleasure to welcome you to the Inaugural Winter Creative Activities and Research Days at Radford University. Building on the tradition of successful events such as the Student Engagement Forum in the spring and seven years of the Psychology and Gender Research Symposium, Winter CARD represents multiple events for students to disseminate their knowledge during the last week of the Fall semester. In total across three days and four buildings over 500 students will be presenting their original work. As much as the students working on these projects are changed from the experiences, their numbers and the need to create events to present their hard won accomplishments represents the transformative changes that continue at Radford University. We believe that these events truly reflect “Embracing the Tradition and Envisioning the Future” and couldn’t agree more with President Hemphill that “there is no limit to what the future holds and what we can achieve together as one Radford family.” –With Highlander Pride, Dr. Joe Wirgau, Director of the Office of Undergraduate Research & Scholarship
Winter CARD Events

December 3rd Psychology and Gender Research Symposium

Session 1 Oral Presentations    Heth 022   4:00 – 6:00 pm
Session 2 Poster Presentations   Heth 014  4:00 – 5:00 pm
Session 3 Poster Presentations   Heth 014  5:30 – 6:30 pm

African Art Exhibit Mentored by Dr. Roann Barris, Professor of Art History
2:00 pm December 3rd Reception with music and light refreshments in Porterfield 205

Haitian Vodou Drapo Flag - Damballah
Presenters:     Savannah Penven

Les Vrai Femmes D'Algers: Baya Mahieddine and her Works
Presenters:      Sidney Ripley

Haitian Altar in Reverence to Ayida Weddo and Damballah
Presenters:     McKenna Bevins

Basotho Painted Houses
Presenters:     Lanie Boyd

Haitian Sequin Bottle
Presenters:      Robert Milby

Haitian Vodou Bottle
Presenters:     Hannah ODell

December 4th Kyle Hall 340 Schedule of Events:

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<th>Session</th>
<th>Time</th>
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<td>Session I</td>
<td>12:00 – 12:50 pm</td>
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<td>Session II</td>
<td>1:00 – 1:50 pm</td>
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<td>Session III</td>
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<td>Session IV</td>
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<td>Session V</td>
<td>4:00 – 4:50 pm</td>
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<tr>
<td>Session VI</td>
<td>5:00 – 5:50 pm</td>
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December 5th Artis College Showcase
3:00 – 6:00 pm Various Locations in the Center for the Sciences
Dirty Mouth: Assaying the Effects of Differential Environments on Orally Collected Bacteria
Presenters: Jordanne Rolan Lucy Smith Jordan Reddy Bridget Ward
Faculty Mentor: Jason Davis Biology

Clean Mouth: Testing Bacterial Growth on a Toothbrush
Presenters: Courtney Streeby Makenzie Lewis Maddie Yancey Gage Rippel
Faculty Mentor: Jason Davis Biology

Your Feet are Gross: The Effects of Sugar, Salt and Heat on Foot Bacterial Growth
Presenters: Kate Sundie Trinity Haynes Destiny Austin Kirbie Conner
Faculty Mentor: Jason Davis Biology

Bacterial Growth on Hand: The Effects of Temperature, Salt, and Sugar
Presenters: Alayna Johnson Kate Mullins Bobbi Ferguson Wakilah Turner
Faculty Mentor: Jason Davis Biology

Effects of Heat, Salt, and Sugar on Growth of Bacteria Isolated from a Laptop
Presenters: Emily Cha Hannah Hylton Grace Brady Sarah Lambert
Faculty Mentor: Jason Davis Biology

A Tree-Ring Analysis of *Pseudotsuga menziesii* Growing in Wyoming
Presenters: Olivia Ligon
Faculty Mentor: Stockton Maxwell Geospatial Science

Racial Differences and the Causes of Wrongful Convictions
Presenters: Valente Perez III Olive Wimmer Quentasia Johnson Andrew Dillon
Faculty Mentor: Margaret Pate Criminal Justice

How Campus Size Affects the Perception of Policing
Presenters: Austin White Hunter Hill Edward Weaver
Faculty Mentor: Margaret Pate Criminal Justice

Social Attitudes Towards Mass Shootings
Presenters: Megan Wright Phoebe Markwood Eric Dorsey
Faculty Mentor: Margaret Pate Criminal Justice
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<tr>
<th>Title</th>
<th>Presenters</th>
<th>Faculty Mentor</th>
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<td><strong>Influence Of Overcrowding And Safety Of Prisoners/ Guards</strong></td>
<td>Ian O’Connor, Mack Delgadillo, Zhabre Price</td>
<td>Margaret Pate, Criminal Justice</td>
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<tr>
<td><strong>The Effects Of pH On Probiotic Bacteria</strong></td>
<td>Janee Knight, Kayla Snyder, Autumn Brown</td>
<td>Tara Pelletier, Biology</td>
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<td><strong>Liquid Probiotic vs. Capsule Probiotic</strong></td>
<td>Emma Roberts, Alexis Williamson, Jaelyn Harris</td>
<td>Tara Pelletier, Biology</td>
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<tr>
<td><strong>Probiotics: CFUs in Capsules vs. Liquids</strong></td>
<td>Austin Schneider, Alan Le, Mariana Herrera</td>
<td>Tara Pelletier, Biology</td>
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<td><strong>A Gutty Feeling</strong></td>
<td>Quintin Goodman, Naudia Gunn, Sierra McShaw</td>
<td>Tara Pelletier, Biology</td>
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<td><strong>Finding a Dilution Solution</strong></td>
<td>Kameron Hughes, Kyeem Dicks</td>
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<td><strong>Who Did It Better? Kombucha vs. Capsule</strong></td>
<td>Nora Okes, Madisyn McCoole</td>
<td>Tara Pelletier, Biology</td>
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<tr>
<td><strong>The Effect Of A High Acidity Environment On The Growth Of A Bacteria Culture</strong></td>
<td>Rachel Pham, Meghan McNulty</td>
<td>Tara Pelletier, Biology</td>
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<td><strong>Oxyclean Presumptive Blood Test</strong></td>
<td>Eric Vaughn, Benjamin Manente, Stephanie Vigil</td>
<td>Eric Snow, Criminal Justice</td>
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<td><strong>Women’s Equality in Developing Nations</strong></td>
<td>Emily Jenkins</td>
<td>Stephanie Bradley, Sociology</td>
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<td><strong>Leadership of Followership? Which One Does Team Sport Teach?</strong></td>
<td>Jared Layman, Khiana Johnson</td>
<td>Kevin Ayers, Health and Human Performance</td>
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Should College Athletes be Compensated? California and its Impact on College Athletics
Presenters:  Connor Buswell   Alyssa Snow
Faculty Mentor: Kevin Ayers  Health and Human Performance

The Three Signs of a Miserable Job: What They are and How Managers Can Avoid Them
Presenters:  Tyler Malamisura
Faculty Mentor: Kevin Ayers  Health and Human Performance

Transformational vs. Transactional Leadership Styles for College Coaches
Presenters:  Will Holladay   Kyle Altizer
Faculty Mentor: Kevin Ayers  Health and Human Performance

Good Bacteria
Presenters:  Grace Akoto  Anisa Hughes  Kendra Sloane
Faculty Mentor: Tara Pelletier  Biology
Bioassessment of Radford's Stormwater Remediation Wetland
Presenters: Biol 131 students
Faculty Mentor: Ariel Firebaugh Biology

Cultural Genocide of the Uyghur Minority in Xinjiang, China
Presenters: Jonathan Nester
Faculty Mentor: Iuliia Hoban Political Science

China's Social Credit System as a Violation of Human Rights
Presenters: Haley Nunez
Faculty Mentor: Iuliia Hoban Political Science

Searching Darkness: A Theoretical Approach to International Collaboration
Presenters: Sebrena Williamson
Faculty Mentor: Ji-Eun Lee Dance

Computational Assessment of the Ecological Niche of *Ursus maritimus* Using Future Climate Models
Presenters: Sir Nottingham
Faculty Mentor: Tara Pelletier Biology

My Favorite Protein Project
Presenters: Biol 231 students
Faculty Mentor: Tara Phelps-Durr Biology

West Nile Virus
Presenters: Ethan Peggins Steven Lane Alan Cuoto
Faculty Mentor: Kathleen Poole Health and Human Performance

Nipah Virus
Presenters: Brooke Johnson Ashawntia Richardson
Faculty Mentor: Kathleen Poole Health and Human Performance

What is Power When it Comes to Leadership and Motivation of Workers?
Presenters: Caleb Brown
Faculty Mentor: Kevin Ayers Health and Human Performance

Indoor Professional Volleyball: Opinions for Americans to Play Overseas
Presenters: Morgan Goodman
Faculty Mentor: Kevin Ayers Health and Human Performance

Ebola
Presenters: Colton Miles John Zilk Austin Wolfe
Faculty Mentor: Kathleen Poole Health and Human Performance
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<tr>
<th>Topic</th>
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<td>Lyme Disease</td>
<td>Mary Beth Saunders</td>
<td>Michell Hernandez-Garcia</td>
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<td>Michell Hernandez-Garcia</td>
<td>Elise Jarema</td>
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<td>Dengue Fever</td>
<td>Bobbi Black</td>
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<td>Patricia Schaal</td>
<td>Sandra Brackett</td>
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<td>Jamison Cook</td>
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<td>Plague</td>
<td>Brennen Richardson</td>
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Selective Growth Of Lactobacillus Present In Probiotic Supplements
Presenters: Katie Price Taylor Smoot Taquon Thaniel
Teahy Fuqua Thomas Lyttle
Faculty Mentor: Sarah Foltz Biology

Probiotics in the Digestive System
Presenter: Emma Bradley
Faculty Mentor: Sarah Foltz Biology

Probiotics Lab
Presenters: Virginia Ozolins Georgia Hardy Alexis Ritter
Jadon Williams Jared Miller
Faculty Mentor: Sarah Foltz

The Effect of Sugar Levels on Probiotic Colonies
Presenters: Alison Gebhard Marion Nanney Allison Lowie
Kaitlyn Einreinhof
Faculty Mentor: Sarah Foltz Biology

The Influence of Climate on Tree Stomata Density
Presenters: Bryan White Lauren Rodgers Victoria Raulerson
Amanda Bowman John Rasnick
Faculty Mentor: Christine Small Biology

Our Campus Trees and Their Stomata
Presenters: Gigi Burns Arvin Nguyen Affiba Beke
Ashanti Turner
Faculty Mentor: Christine Small Biology

Quantifying Stomata Based on Leaf Size
Presenters: Abi Naughton Lyndsie Cruz Sean Villedrouin
Isaiah Copeland
Faculty Mentor: Christine Small Biology

Differences in Leaf Stomata Density between Evergreen and Deciduous Trees
Presenters: Chasity Tompkins Alexa Price Loren Albergottie
Mikayla Jones
Faculty Mentor: Christine Small Biology

The Effect of Region of Origin on Stomata Density in Radford University Campus Trees
Presenters: Parker Edmonds Will Cecil Mia Bialobreski
Olivia Ramsey
Faculty Mentor: Christine Small Biology
Does Leaf Size Affect Stomata Density?
Presenters: Monica Genova Nii Abraham Olivia Tyson-Price Wellington Dressler
Faculty Mentor: Christine Small Biology

Observed Stigma Around Speech and Intelligence
Presenters: Kati Poole Anna Wheeles Audra Jessee Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

Effects of a Students' Sense of Belonging
Presenters: Noa Powell Elizabeth Dudley Evan Wood Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

Cognitive Benefits of Early Childhood Music Education
Presenters: Grant McDonel Jared Williams Nashaly Sasso Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

The Detrimental Effects of Shark Finning
Presenters: Elise Simmons Sierra Felty William Carpender Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

Calculating Time of Death Using Forensic Entomology
Presenters: Kaitlyn Sisk Gracie Osborne Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

Exo Suit Technology: Out of the Movies and into Society
Presenters: Coleen Maloney Spencer Phillips Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

Not Just Coping, Thriving!
Presenters: Markel Wiggins Brooke Baumgarten Andrew Hill Wellington Dressler
Faculty Mentor: Joe Wirgau OURS

Meme Tourism Now Trending
Presenters: Benjamin Owen Wellington Dressler
Faculty Mentor: Anita Zatori Recreation, Parks and Tourism

Festival Experience Design: The Case of the Radford Highlanders Festival
Presenters: Emily Suiter Wellington Dressler
Faculty Mentor: Anita Zatori Recreation, Parks and Tourism
Bacteria And Stomach Acid

Presenters: Torri Queen
Quest Curtis

Faculty Mentor: Sarah Foltz

Daja Haynes
Phoenix Norris
Wayne Henry
Biology
Teacher Work Sample
Presenters: DaVonte Christmas
Faculty Mentor: Stephen Shelton Health and Human Performance

Teacher Work Sample
Presenters: Courtney Coster
Faculty Mentor: Stephen Shelton Health and Human Performance

Teacher Work Sample
Presenters: William Noe
Faculty Mentor: Steve Shelton Health and Human Performance

Vaughan-Bassett Furniture Company: Galax, Virginia's Industrial Savior
Presenters: Danielle Walls
Faculty Mentor: Mary Ferrari History

Effects of pH on Plant Density and Insect Abundance
Presenters: Noah Buchan Angie Holmes
Katie Allen Sara North
Faculty Mentor: Jamie Lau Biology

Determining Whether Proximity to Roads Affects Pollutant Concentrations, Moss Volume, and Macro-Invertebrate Abundance in Wildwood Park
Presenters: April Hiet Logan Platt
Miranda Flack
Tony Torres
Faculty Mentor: Jamie Lau Biology

Quiver Surf and Skateboards
Presenters: Colby Higgerson
Faculty Mentors: Bruce Parsons & Holly Cline Interior Design and Fashion

The Origins Of Juvenile Delinquency: Perceptions From The Public
Presenters: Tawanna Hodge Adriene De Lilly
Sydney Venable
Faculty Mentor: Margaret Pate Criminal Justice

The Effect Of Alcohol On Blood Stains
Presenters: Stephan Ignjatic Devin Johnston
Ian O'Connor Anton Jones
Austin White
Faculty Mentor: Eric Snow Criminal Justice

The Analysis of Hydrogen Peroxide on a Presumptive Blood Test
Presenters: Sarai Maguire-Hernandez Elise Beahm
Rayshell Torres-Santana Taylor Sharpe
Destiny Freeman Lyric Woodward
Faculty Mentor: Eric Snow Criminal Justice
How to Get Away with Vinegar
Presenters: Delaney Sutherland
           Kimberly Vallejos
           Lance Singleton
           Eric VanBurger
           Bria Headen
           Criminal Justice
Faculty Mentor: Eric Snow

Coke? Crime Scene Cleaner?
Presenters: Anna Mohrmann
           Lauren Folker
           Taylor Roberts
           Hunter Hill
           Savannah Widrig
           Destinee Twitty
Faculty Mentor: Eric Snow

Ammonia Synthetic Blood Test
Presenters: Alexis Harris
           Falyn Taylor
           Joseph Baylor
           Jamaica Woodford
           Myesha Wilson
           Keira Jones
Faculty Mentor: Eric Snow

B.L.E.A.C.H.
Presenters: Jacob Filbert
           Luke Blackiston
           Carrie Buchanan
           Jordan Dameron
           Janet Ayiku
           Zoe Moffett
Faculty Mentor: Eric Snow

Carbonation to Incarceration?
Presenters: Hannah Stewart
           Emily Shelton
           Sarah Steffey
           Kimber Duke
           Richard Adams
Faculty Mentor: Eric Snow

The Impact of Strength Training on Asymmetrical Tactical Loading Conditions with Basketball Players
Presenters: Tenae Washington
           Donald Hicks
           Tristan Wikle
Faculty Mentor: Chris Myers

The Effects of Powerlifting
Presenters: Chris Wegner
           Parker Franklin
Faculty Mentor: Chris Myers

Effectiveness of Flexibility Methodology: Static Stretching versus Foam Rolling for Recovery
Presenters: Joahna Bailey
           Kaylin Walston
           Meaghan Weitz
           Krista Lancing
Faculty Mentor: Chris Myers

Effectiveness of Flexibility Methodology
Presenters: Brenden Wehrle
           Neil Barron
Faculty Mentor: Chris Myers
Effects of Exercise on the Quality of Life  
Presenters: Hannah Zeigler, Mary-Beth Worley  
Faculty Mentor: Chris Myers  
Health and Human Performance

Effectiveness of Pre-Exercise Flexibility  
Presenters: Logan Edwards, Shantia Johns, Kyle Taggart  
 Faculty Mentor: Chris Myers  
Health and Human Performance

The Psychological and Physiological Effects of Tactical Training  
Presenters: Elaine Morris, Mikayla Bryant  
Faculty Mentor: Chris Myers  
Health and Human Performance

Endurance Running and Its Effect on the Development of Osteoarthritis  
Presenters: James Clatterbuck, Jacob Fridley  
Faculty Mentor: Chris Myers  
Health and Human Performance

Mutual Effects of Strength and Flexibility Training  
Presenters: Zack Grogan, Will Hardy  
Faculty Mentor: Chris Myers  
Health and Human Performance

Effects of Static Stretching on Leg Power and Athletic Performance  
Presenters: Jessica McPeak, Malinda Cooper  
Faculty Mentor: Chris Myers  
Health and Human Performance

Flexibility Training Impacts on Strength Training  
Presenters: Jesse Lynn, Kareem Selwaeh  
Faculty Mentor: Chris Myers  
Health and Human Performance

Impacts of Flexibility on Olympic Lifting  
Presenters: Matt LaRue, Chris Rivera  
Faculty Mentor: Chris Myers  
Health and Human Performance

The Impact of Strength Training on Asymmetrical Loading Conditions: A Review  
Presenters: Brian Howell, Andrew Scott, Tyler Jump  
Faculty Mentor: Chris Myers  
Health and Human Performance

Effectiveness of Flexibility Methodology  
Presenters: Troy Allison, Jesse Draper  
Faculty Mentor: Chris Myers  
Health and Human Performance
pH and Nitrogen Content of Connelly’s Run
Presenters: Dorian Custer
Faculty Mentor: Kristina Stefaniak Chemistry

A Literature Review of Laccase: a Multi-Copper Oxidase Used to Reduce Water Pollution
Presenters: April Hiett
Faculty Mentor: Sarah Kennedy Chemistry

Scavengers of Bird Carcasses and their Effects on Bird-Window Collision Research
Presenters: Bradley Jones Lauren Burroughs
Faculty Mentor: Karen Powers Biology

Digitizing Family History
Presenters: Chase Pilcher Angie Juodagalvis
Faculty Mentor: Sharon Roger Hepburn History

Determination of Chloride Ion Concentration and Water Hardness in Connelly’s Run
Presenters: William Nape Darin Rose
Faculty Mentor: Kristina Stefaniak Chemistry

Determining Trace Metals and Chloride Concentrations in Soil
Presenters: Branham James Joe Peton
Faculty Mentor: Kristina Stefaniak Chemistry

Quantitative Analysis of Iron and Chloride in Soil Samples From Connelly's Run
Presenters: Patrick Cahoon Julian Wolz
Faculty Mentor: Kristina Stefaniak Chemistry

Quantification of Iron and Trace Metals in Connelly’s Run River Water
Presenters: Joseph Ratliff Kori Brown
Faculty Mentor: Kristina Stefaniak Chemistry

Determining Water Chemistry of Water Samples from Connelly's Run
Presenters: Haley Pflanzer
Faculty Mentor: Kristina Stefaniak Chemistry

Relating the Garlic Mustard (Alliaria petiolate) Abundance to the Native Plants Abundance and Soil pH
Presenters: Brian Ditch Amanda Whitlock Madison Paterniti Angie Leon
Faculty Mentor: Jaime Lau Biology
Effects of Time of Day on Bird-Window Collisions at Radford University: Focusing on Hardest-Hit Buildings
Presenters: Claudia Paniagua-Ugarte Miranda Flack Taylor Brown
Faculty Mentor: Karen Powers Biology

The Effect of Iron and Chloride Concentration in Soil
Presenters: Jonathan Gibson-Cromer Kat Schoettinger
Faculty Mentor: Kristina Stefaniak Chemistry

Quantifying Observer Variability In Bird-window Collision Carcass Detection Using Bird Decoys
Presenters: Jonathan Gibson-Cromer
Faculty Mentor: Karen Powers Biology

Starry Night Recreation
Presenters: Jasmine Dudding
Faculty Mentor: Roann Barris Art

Dorris Lee, Thanksgiving
Presenters: Bryan Jewell
Faculty Mentor: Roann Barris Art

Portraits
Presenters: Tannis McKay
Faculty Mentor: Roann Barris Art

Jasper John's Numbers
Presenters: Joel Vasquez
Faculty Mentor: Roann Barris Art

Demographical Influence on the Perception of Police Misconduct and Body Cameras
Presenters: Samantha Fernandez Lance Singleton Eric VanBurger
Faculty Mentor: Margaret Pate Criminal Justice
The Effect Of CaCO₃ And Plant Density On Deer Population Density At Different Locations In Wildwood Park

Presenters: Raegan Forbes Dyna Fitzsimmons Hunter Lauver
Jayla Smith Biology
Faculty Mentor: Jaime Lau Biology

Effects of Water Pollution on Mammals and Aquatic Insects Near Connelly's Run in Wildwood Park, Radford Virginia

Presenters: Sierra Bragg Lauren Burroughs Miranda Dimas
Logan Van Meter Biology
Faculty Mentor: Jamie Lau Biology

The Effects of pH Levels on the Plant Density and Insect Species Richness at Wildwood Park

Presenters: Layne Sigmon Selena Angel Stephanie O. Aning
Nicholas Murff
Faculty Mentor: Jamie Lau Biology

Race, Memory, and Eyewitness Testimony

Presenters: Rachel Ettleman Lanceka Banks Katlyn Girolami
Destinee Twitty
Faculty Mentor: Margaret Pate Criminal Justice

Social Effects Of Policing On Campus

Presenters: DawnMarie Connolly Devin Johnston Griffin Boaz
Tanner Poitras
Faculty Mentor: Margret Pate Criminal Justice

Drug Use at Radford University: Does it Cause Risky Behavior?

Presenters: Lyric Woodward Yajaira Flores Chloe Deel
Taylor Roberts
Faculty Mentor: Margaret Pate Criminal Justice

Radford University Students' Attitudes Towards Domestic Violence

Presenters: Katie Horton Paige Kranyak Caleb Howard
Faculty Mentor: Margaret Pate Criminal Justice

Mass Media Consumption And The Perception Of Violent Crime Rates

Presenters: Brianne Pearson Vicky Hanger Madison Trail
Faculty Mentor: Margaret Pate Criminal Justice
Gender Differences in Death Penalty Support
Presenters: Kathleen Stiltner       Allen Minnick       Kaitlyn Copenhaver
Dustin Sage
Faculty Mentor: Maggie Pate        Criminal Justice

Trace Metal Levels Describing Connelly’s Run Soil in Wildwood Park, Radford, Va
Presenters: Ahyana Calloway       Austin Dean        Charles Dotson
Faculty Mentor: Kristina Stefaniak Chemistry

Analysis of Trace Metals, pH, Nitrate and Ammonium in Soil From Connelly's Run
Presenters: Alexandra Mekus       Deanna Perales
Faculty Mentor: Kristina Stefaniak Chemistry

Chemical Analysis of Iron and Calcium Carbonate in Connelly’s Run
Presenters: Samantha Powell        Jake Morris
Faculty Mentor: Kristina Stefaniak Chemistry

Analysis of pH and the Concentration of Chlorides, Ammonium, and Nitrates in Connelly’s Run
Presenters: Rayshell Torres-Santana Sirmion Jenerette
Faculty Mentor: Kristina Stefaniak Chemistry

Analysis of Soil Chemistry of Connelly’s Run in Wildwood Park
Presenters: Sydney Fisher
Faculty Mentor: Kristina Stefaniak Chemistry

Examining The Alkalinity, pH, and Ammonium and Nitrate Concentrations in Soil Surrounding Connley’s Run in Radford, Virginia
Presenters: Mary Elizabeth Demmin Mary-Elizabeth Luttrell
Faculty Mentor: Kristina Stefaniak Chemistry

Comparing the Golden Crownbeard Density and Soil Moisture Content Between the East- and West-facing Slopes of Wildwood Park
Presenters: Chantel Cook           Keasia Clark        Olivia Ramsey
Mark Brianna Mathis
Faculty Mentor: Jamie Lau        Biology

Comparing the Noise Levels in Four Wildwood Park Locations
Presenters: Justin McLaughlin Camryn Williford Alayna Carter
Faculty Mentor: Jamie Lau        Biology

Comparing the Crayfish Abundance Between Connelly’s Run and the New River
Presenters: Drew Reavis           Gabriel Hessler      Laken Waugh
Faculty Mentor: Jamie Lau        Biology
Relating Air Temperature and Light Levels to Soil Surface and Sub-surface Temperatures in Wildwood Park
Presenters: Tyra Jackson Ashanti Turner
Faculty Mentor: Jamie Lau Biology

The Impact of Iron and Calcium Carbonate on the Soil Chemistry Along Connelly's Run
Presenters: Jordan Dameron
Faculty Mentor: Kristina Stefaniak Chemistry
See you next year!

RADFORD UNIVERSITY
Undergraduate Research and Scholarship