7th Annual Summer Research Celebration

October 9, 2019
Noon - 6 p.m. | Kyle Hall 340

For more information:
www.radford.edu/src
THIS PAST SUMMER,
a group of amazing student-faculty collaborative projects were funded through the Summer Undergraduate Research Fellowship (SURF) program. Today, they will get the opportunity to tell their stories and accomplishments. We are grateful for your participation in today’s events and hope they inspire you to achieve similar results, adding to the knowledge and work in your fields of study.

**ORAL SESSION I**

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**Struggles and Successes in the Development of the United Nations Anti-Poverty Toolkit**

Noon - 12:15 p.m.
Haley Nunez

12:15 - 12:30 p.m.
Emily Jenkins

12:30 - 12:45 p.m.
Gabriel Bennett

**ORAL SESSION II**

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**A Choreographic Approach to International Collaboration; Searching for Darkness and Universality**

1 - 1:15 p.m.
Sebrena Williamson

**Conflicts Between Artist Politics and Curatorial Politics: An Analysis of Nancy Spero: Paper Mirror**

1:15 - 1:30 p.m.
Savannah Penven

**Music Education in Nepal: A Historical Perspective and Impact of a Current Initiative for Music Teacher Education**

1:30 - 1:45 p.m.
Bryan Dowd
ORAL SESSION III

The Inhibiting Effects of Coumarin on La Crosse Virus
2 - 2:15 p.m.
Kelly Hodges

Radford’s Roach Roadshow: Bringing Novel Research to the Public
2:15 - 2:30 p.m.
Taylor Hawkins

Exploring the Efficacy of a Preventative Opiate Treatment for PTSD Using a Novel Fish Model
2:30 - 2:45 p.m.
Hannah Stewart

ORAL SESSION IV

The Effect of Vespa Amino Acid Mixture (VAAM) on Different Genetic Strains of Fruit Flies
3 - 3:15 p.m.
Sean Ammen

The Effects of Diabetes Mellitus on Bone Fracture Susceptibility and Repair in Forensic Application
3:15 - 3:30 p.m.
Sadie Friend

Natural Defenses: The Use of Native Medicines to Treat Parasitic Infections Caused by Trypanosomes
3:30 - 3:45 p.m.
Haley Mullins

ORAL SESSION V

Analysis of Ligand Binding in Beta-Glucuronidase
4 - 4:15 p.m.
Rayshell Torres-Santana

Where Are They Now?: Albany Free School Alumni 16 Years Later
4:15 - 4:30 p.m.
Rae Barker

Behind the Board: How Modern Music is Recorded
4:30 - 4:45 p.m.
Cole Mitchell
POSTER SESSION

Bias and Efficiency in Group Testing Estimation for Infectious Disease Surveillance
Katherine Bindbeutel

Performance Analysis of SMIPSO and the Variability of Alphas Based on Risk-Adjusted Returns
Robert Blankenship

Baseline Seasonal Changes in the Depth and Caddisfly Diversity in Mill Creek, Roanoke County, Virginia
Sierra Bradley

Knowledge and its Effects on Curiosity and Learning
Brody Dawson

Priming Effect of Unattended Visual Stimuli in Dynamic, Complex Scenes
Dylan Magdalin

The Gerrymandering of College Campuses
Moriah Rock

Quasi-Experimental, Quantitative Evaluation of Music Therapy Interventions to Determine Effectiveness in Reaching the Speech/Language Goals of Young Children
Emma Ross

Cosmic Building Blocks: An Infrared View of Dust in Dwarf Galaxies
Krislyn Sourivong

Behavioral Development: The Use of Cannabinoids on Adolescent Male Long Evans Rats
Courtney Yule
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