



A Special Thanks to:

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10th Annual SUMMER RESEARCH CELEBRATION

October 12th, 2022



10th Annual SUMMER RESEARCH CELEBRATION



Last summer, 24 amazing students were funded through the Summer Undergraduate Research Fellowship (SURF) as part of student-faculty collaborative projects creating new knowledge. Today, they will get the opportunity to tell their stories and accomplishments. We hope you are inspired to achieve similar results, adding to the knowledge in your fields of study!

Kyle Hall 340

Poster Session I

11 - 11:50 am

Julia Buccola Analyzing the Presence and Concentration of Airborne Microplastics Using Python and Photo Analysis Techniques

Jonathan Infantolino How Do Qualified Opinions Affect Stock Price?

Sierra Felty Seeing What Floats: Comparing Fecal Diagnostic Techniques for the Detection of Zoonotic Cestode Eggs

Hunter Villeneuve Using Open-Source Biodiversity Data to Identify Genetic Lineages

Riley Jarrells, Andy Lee, Dillon Wilson Wellness and Preventative Approaches in Music Therapy: A Scoping Review

Danielle Amodeo What I Learned from Some Handfuls of Dirt: An Exploration of Bacteriophages

Film Showcase

Noon - 12:50 pm **Javen Blankenship** "Withdrawal"

Mitchel Hamm "Cogs"

Oral Presentations I

1 - 1:50 pm

Demiah Smith Following the Marches: Mapping the 102nd United States Colored Infantry

Justine McLaughlin, Trey Harris Surveys and Habitat Preferences of Newly Designated Salamander Species, *Plethodon jacksoni*, at Selu Conservancy

Oral Presentations II

3 - 3:50 pm

Avery Howell The Impact of the Title IX 50 years later: Understanding the Lived Experiences of Radford Female Student-athletes between 1972-Present

Luc White Revisiting the Saints: Locating Queer Histories and Medieval Architecture through Photography

Poster Session II

2 - 2:50 pm

Chris Blankenship Population Genetics of Western Honeybee Distributed in Nepal

Brittiany Rorrer Research Study on the Development of 3D Graphics and Environments for Virtual Reality Starting from the Traditional and Digital 2D Illustration Process

Leah Ellis The Reliability of IL-6 Inflammation Compared to Cardiac CRP in Similar Nutrition Studies

Riley Petroski The Fall of Democracy: Analysis of the Factors Leading to the Decline of Democratic Practice

Olivia Smith How Gendered Knowledge Expectations Influence Outcomes of Being Out of the Loop on Pop Culture

Rob Borman De-escalation and Amygdala Hijack L

Breonna Cox Frequency and Impacts of the Use of Garbage into the Nest Construction by Native Bird Species

Oral Presentations III

4 - 4:50 pm

Aminata Yarmah The role of the Membrane Trafficking Protein, CLPTM1, in the Development of the Oligodendrocyte Precursor Cell Line, Oli-Neu

Marcelle Gray Exploring Interaction Between Land Use Type, Nest Predators and Parental Behavior in Cavity Nesting Species

Gabriella Richards Seasonal Fluctuation in Invertebrate Predator-Prey Relationships in the Mill Creek Ecosystem

