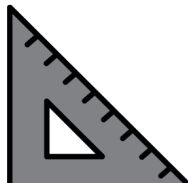


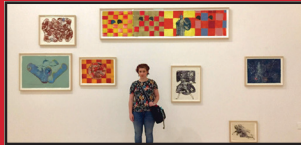
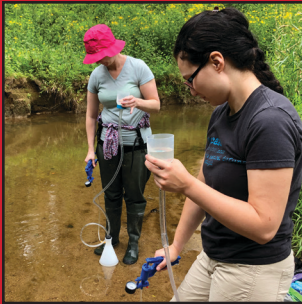
# 7th Annual Summer Research Celebration

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October 9, 2019

Noon - 6 p.m. | Kyle Hall 340





## 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

...

### 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

...

### 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

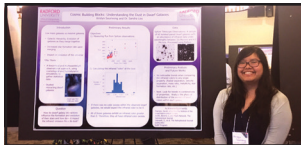
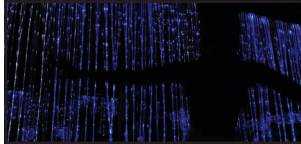
2:15 - 2:30 p.m.

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

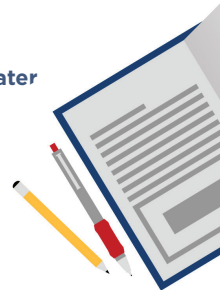
4:15 - 4:30 p.m.

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 SMIPO 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**

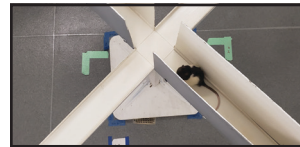
Emma Ross

**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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Office of Undergraduate Research and Scholarship