



### **Oral Presentations: Independent Research**

**1:45-4:00PM, Ruffner 115**

1:45PM – Katelyn Jones (Faculty Mentor: Dr. Andrew Yeagley), “Investigating the structure activity relationship of the ester moiety in parabens through the analysis of bioisosteres”

2:00PM – Katelyn Rowland, Harley Hodges (Faculty Mentor: Dr. Sarah Porter), “MicroboCop”

2:15PM – Jennah Gunter (Faculty Mentor: Dr. Rhonda Brock-Servais), “Women Novelists”

2:30PM – Hailey Kintz (Faculty Mentors: Dr. Amorette Barber and Dr. Andrew Yeagley), “Exposure to parabens inhibits anti-tumor immune responses of CD4 T cells”

2:45PM – Kaelyn Jefferson (Faculty Mentor: Dr. Andrew Yeagley), “Investigating the Synergy between Paraben Derivatives and Penicillin and Erythromycin”

3:00PM – Breana Figueroa (Faculty Mentor: Dr. Thomas Wears), “The Attempted Transfer of Theorems in Euclidean Geometry to Hyperbolic Geometry”

3:15PM – Katherine Hartley (Faculty Mentor: Dr. Thomas Wears), “Geometry of Bicycle Tracks”

3:30PM – Katherine Plucinski (Faculty Mentor: Dr. Dina Leech), “Dissolved Organic Matter (DOM) Exports from Hull Springs Farm, Westmoreland County, VA”

3:45PM – Grant Smith (Faculty Mentor: Dr. Leigh Lunsford), “Using Regression to Predict Student Success in Statistics”