



SRD

student research day

2019

March 29, 2019



IU East Students, IU East SRD Committee and IU East Academic Affairs Office

INDIANA UNIVERSITY EAST

8:15 to 8:30 am

8:30 am

Registration and Poster Set Up

***Continental Breakfast**

8:30 to 10:10 am

Narrated Poster Session and Judging

Poster Presentations

8:30 – 10:10 am

- Shonda Brim, Richmond, IN Behavior Management Systems
- Courtney Carlton, Carthage, IN Exploring Homicide
- Taylor Feix, Hamilton, OH Ohio v. The United States
- Alex Fugate, Greenville, OH The War on the Poor
- Jessica Jennings, Connersville, IN Emotional regulation of children with Post-traumatic Stress Disorder (PTSD)
- Marcus Leverette, Richmond, IN Excessive Force
- Savannah Lynch, Somerville, OH Phototropic Response in Arabidopsis thaliana
- Michael Mackey, Connersville, IN Effective Treatments For Generalized Anxiety Disorder
- Natalie McCoy, Brookville, IN Education in Puerto Rico
- Stevie Nicholas, Mount Summit, IN A Review of Emotional Processing and Schizophrenia
- Levi Oswald, College Corner, OH Race Relations with Police
- MacKenzie Philpot, Richmond, IN Puerto Rico



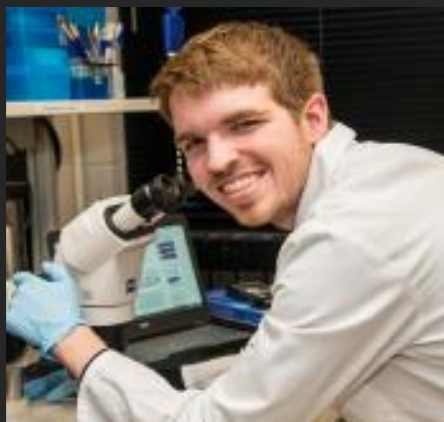
Poster Presentations - Continued

- Cory Powell, Richmond, IN Puerto Rico Trip
- Tanner Puterbaugh, Richmond, IN Music in Puerto Rico
- Amber Rourke, Richmond, IN Increased Emotional Intelligence Lowers Suicidal Behavior
- Samantha Shockley, College Corner, OH Neonatal Abstinence Syndrome: The rise, the effects, and the solutions
- Autumn Smith, New Castle, IN The Effects of Childhood Poverty on Emotional Development
- Debi Smith, Richmond, IN The Psychological Traits of Sexual Murderers
- Darrien Sparks, Connersville, IN PTSD and Emotional Development
- Melia Sweet, New Castle, IN How REM sleep and dreaming affects Mood Disorders
- Brooke Townsend, Connersville, IN Does school-wide positive behavioral support decrease crime and violence?
- Delaney Trimble, Indianapolis, IN What to know about Puerto Rico
- Abigail Weber, Richmond, IN Abuse of a Corpse
- Breanna Welbaum, Richmond, IN Hypothalamic Pituitary Adrenal Axis (HPA) and Emotional Regulation of Resilient and Nonresilient Children Exposed to Maltreatment
- Hunter Willhite, Greensfork, IN Before and after police shootings



Keynote Speaker

Trevor Boram, B.B '17



Trevor is a second-year graduate student in Dr. Jeremy Lohman's lab as part of the Purdue University Department of Biochemistry. He is currently designing malonyl-CoA analogs to probe the mechanism of various carbon-carbon bond forming enzymes, such as acetyl-CoA carboxylase using a crystallographic approach. Trevor did his undergraduate studies at Indiana University East, majoring in Biochemistry and Mathematics, where he was of President of the Honors Club for three years. At IU East, Trevor worked closely with his mentors, Dr. Yu Kay Law and Dr. Hitesh Kathria, who both inspired him to pursue a Ph.D. in Biochemistry, and to become an academic. Outside of research, Trevor enjoys writing music, playing guitar in his bands (Kings of East and Gyruss), and watching Game of Thrones.



10:30-11:30

Oral Presentations: Honors Scholars' Showcase



INDIANA UNIVERSITY EAST

Honors Scholars' Showcase

10:30 – 11:30 am

- Ashley Fulk: Impact on Kenya
- Garrett Hadler: What Defines Friendship in Middle Earth
- Breanna Nowak: Changes in Gene Expression in *Drosophila Melanogaster* upon Exposure to Lindane
- Erin Springmier: Physician Assistants and Well Baby Visits
- Alicia Thompson: Molecular Dynamics Simulation Methods & Nuclear Quantum Effects




11:30 to 11:55 pm

Artists and Scholars' Luncheon

Spotlight Comments

***Journal of Student Research
at Indiana University East***



The Journal
of Student Research
at Indiana University East

Vol. 1, 2019

The research, scholarly, and creative projects represented in this issue demonstrate IU East students' accomplishments. The variety and depth of topics our students examine provide keen insights and solid synthesis of ideas and findings. The production of these articles exhibits evidence of the impact research and creativity have on learning, our students, and our faculty. We hope you enjoy this high-quality issue that is informative and scholarly. This issue provides content that was submitted through Fall 2018.

See:

<https://scholarworks.iu.edu/journals/index.php/jsriue/issue/view/1529>

Questions:

**Sue McFadden (smcfadde@iu.edu) or
Tanya Perkins (talperk@iu.edu)**



12:00 to 1:00 pm

Oral Presentations – Concurrent Sessions A, B, & C

Oral Presentations Session A: Whitewater Hall, First Bank Richmond Community Room

Tiani Christian, Richmond, IN Celebrity Endorsements in Super Bowl Advertisements

Conner Byrket, Spiceland, IN Effects of the Native American Firearms Trade

Wade Shipley & Will O'Farrow, Richmond, IN Root Gravitropism and Plant Growth in the Presence of Latrunculin B

Barou Yoplo, Richmond, IN The use of profiling on serial killers cases

Candice Lackman, Milan, IN Parenting and Juvenile Delinquency

Heidi Klein, New Paris, OH A Place for the Canon



Oral Presentations Session B:

Whitewater Hall, Room 202

Robert W. Jones, Union City, IN The Impact of a Purchase

Luke Sheridan, Greenfield, IN Arson

Wade Shipley & Will O'Farrow, Richmond, IN Root Gravitropism and Plant Growth in the Presence of Latrunculin B

Ella Dils, Blake Brooks, & Miranda Wisecup, Richmond, IN
Enhancing Culture and Communication

Clayton B. Williams, New Castle, IN Puritans Mayflower Compact

Brooklyn Sweney, Connersville, IN Germanic Female Manipulation

Morgan Jackson, Englewood, OH A Universities Affect on City Growth

Scott Franklin, Cambridge City, IN Pemmican Power The Lifeblood of the West



Oral Presentations Session C: Whitewater Hall, Room 212

Kaylyn Mundt, Richmond, IN
Magic Realism in Latin American Literature

Baylee Moreland, Fort Bliss, TX Suicide Prevention Among Military and Veterans: Representations in Film

Austin VanDevender, Centerville, IN The Necessity of Women in the Growth of Colonial America

Emily Merrell & Abigail Reed, Brookville, IN Park Awareness in Local Restaurants

Colleen Turner, Richmond, IN Ancestral impact on self-representation of identity

Carla Carey, Bloomington, IN Transformative Learning in Worldschooling Blogs

Kassy Smith, Liberty, IN La Muerte Mexicana: Como agua para chocolate



1:00 – 2:15 pm

Summer Scholars Showcase

Whitewater Lobby

Summers Scholars Showcase

2018-2019

- Phineas Yoder, Greens Fork, IN Education Gamified
- Katelyn Groff, Richmond, IN Researching and Creating Nonfiction Children's Literature
- Scott Franklin, Cambridge City, IN American Raku: Misunderstanding as Historical Change
- Kiana Cleere, Union City, IN ORCA: Developing an Objective Risk Continuity Assessment for Police Deadly Force Encounters
- Alicia Thompson, Richmond, IN The Impact of Nuclear Quantum Effects on Thymine Dinucleotides
- Abbie Sliger, Richmond, IN [Shakespeare's Coriolanus: An Analysis of Politics, Rhetoric, and the Human Condition](#)
- Sara Baxter, Richmond, IN My Trip to the Kenyon Review Writers Workshop (see separate window)
- Daniel Arthur, Richmond, IN [The Barn on Manning Road](#)



3:15 to 2:45

Just Desserts & Poster Mill



Awards Presentation

Thank you for Presenting and Attending:
Student Research Day 2019

Celebrating Student Accomplishments in
Scholarship & Creative Work



What do you think of SRD? At
<http://iue.libsurveys.com/SRD-exit>



INDIANA UNIVERSITY EAST
FULFILLING *the* PROMISE