

FALL 2020 UNDERGRADUATE RESEARCH EXPO

LIVE PRESENTATION SCHEDULE

NOVEMBER 30

10:00 AM

Keynote Speaker, Ariel D. Smith

Ariel D. Smith is an American Studies Ph.D. Candidate and instructor at Purdue University, where she also serves as Scholar-in-Residence for the Black Thought Collective. Ariel is the founder of The Food Truck Scholar, a media and educational platform for the food truck industry, and the host of its podcast. Her work has been recognized within and beyond the academy on local, national, and international platforms. A native of Birmingham, AL, Ariel is a 2015 graduate of UAB Collat School of Business and the Global and Community Leadership Honors Program. Ariel also holds a Master of Education from Vanderbilt University.



DECEMBER 2ND

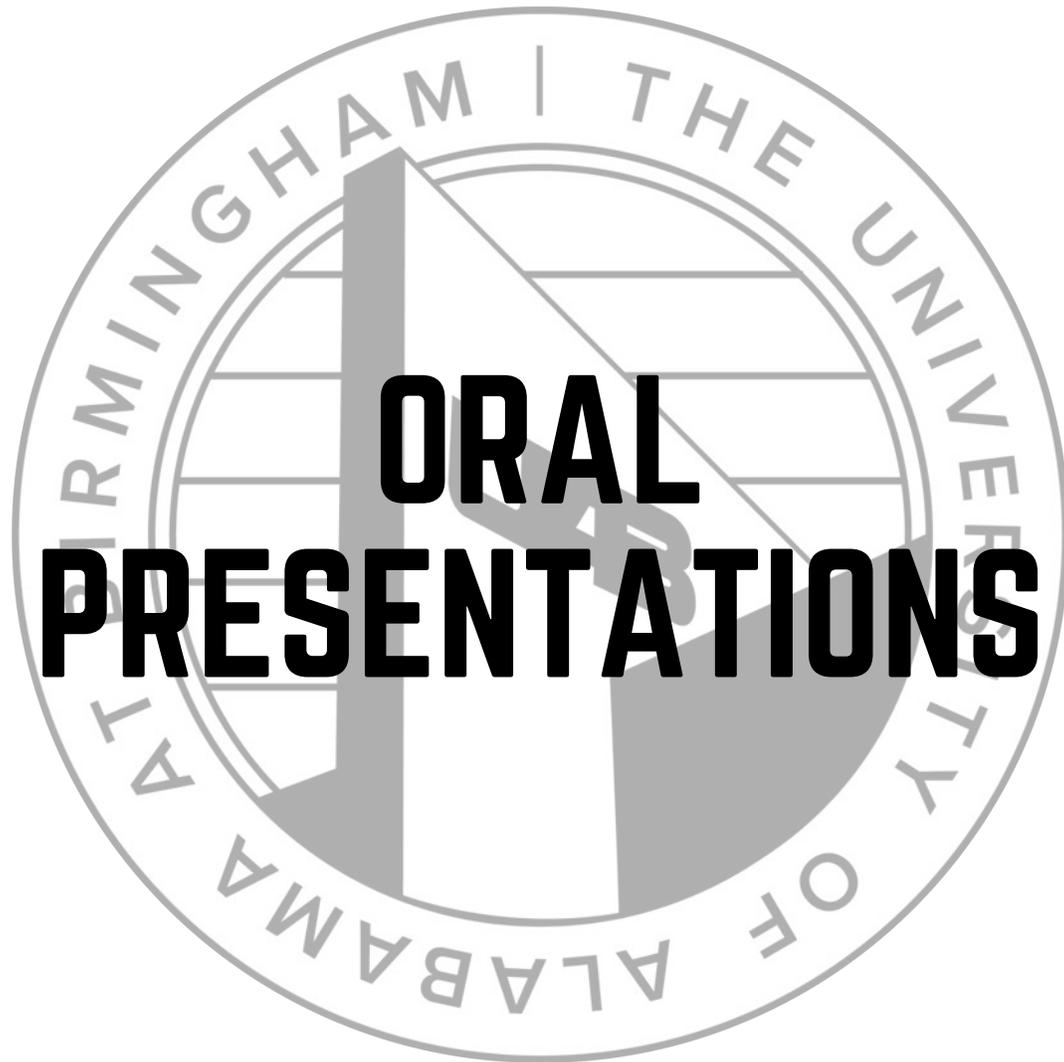
Oral Presentations, 9 AM - 10:30 AM

Join us to watch the Oral Presentations live via Zoom. The link can be found in the Canvas Course.

DECEMBER 3RD

Poster Presentations, 9 AM - 11:30 AM

Join us to watch the Poster Presentations live via Zoom. The link can be found in the Canvas Course.



Wednesday, Dec 02, 2020
9 AM - 10:30AM
Zoom Meeting ID: 952 5546 0481

INTRODUCTION AT 9:00

BLOCK ONE

9:05 | Is China using facial recognition technology as a scare tactic to force human rights activists out of their territory? |

Arts and Humanities, Joy-Ming Newsome

9:20 | The Abolition of Solitary Confinement | Arts and Humanities |
Kameryn Thigpen

9:35 | Social Interactions Among Undergraduate Student Teams |
Health Sciences and Health Professions | Kiana Little

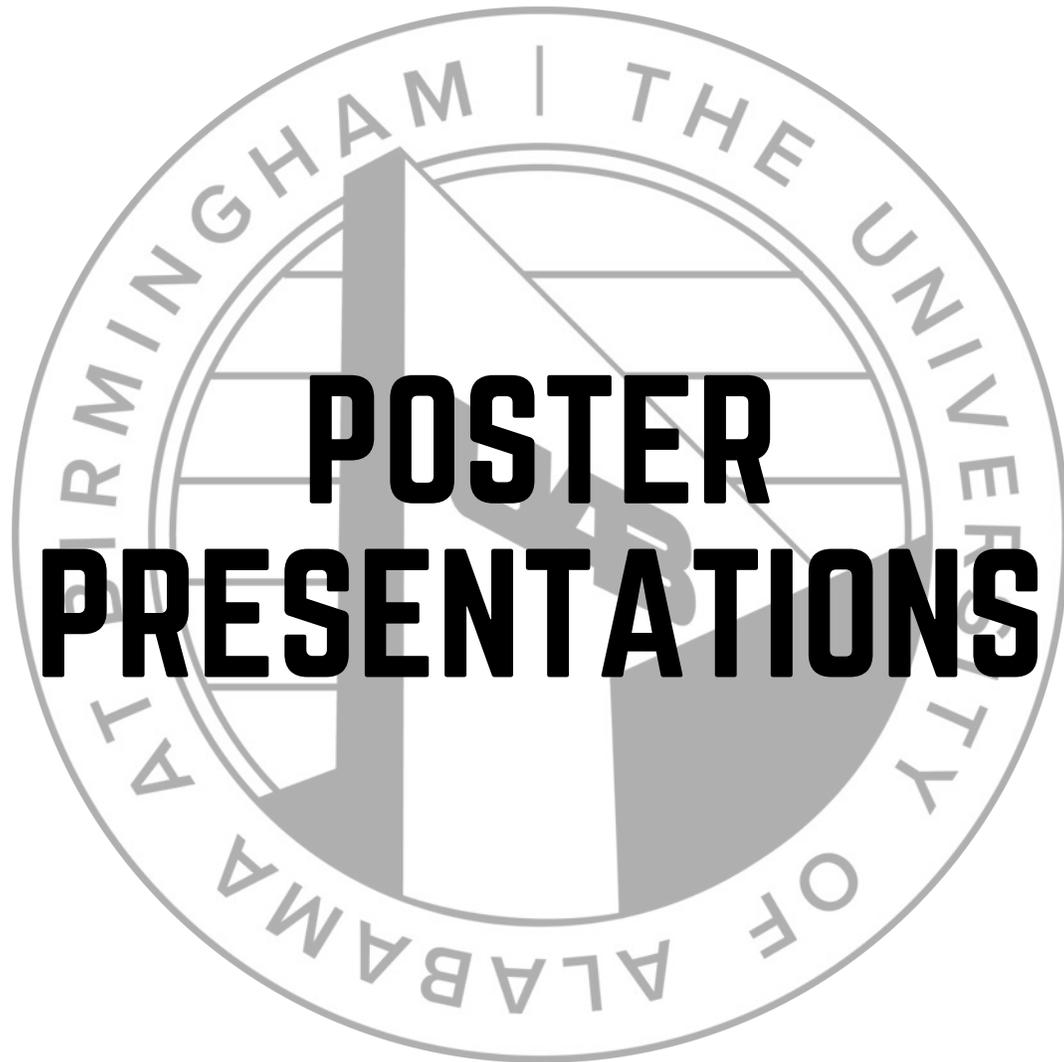
10 MINUTE BREAK

BLOCK TWO

10:00 | Intercultural Competence Through Service-Learning |
Service Learning | Janna Ren, Camryn Reese, Hanchao Li

10:15 | Associations of Neighborhood Cohesion and Religious
Participation with Caregiving Outcomes |
Social and Behavioral Sciences | Dorelle Wilson

END OF ORAL PRESENTATIONS



Thursday, Dec 03, 2020

9 AM - 11:30AM

Zoom Meeting ID: 967 8544 5270

INTRODUCTION AT 9:00

ROOM ONE

BIOLOGICAL AND LIFE SCIENCES

9:05 | Subjects with Autism Show Less Connectivity in Brain Regions Contributing to Theory of Mind | Ashley Barnett, Thanushri Srikantha, Roshan Dahale, Matthew McDaniel

9:40 | Hypertrophic Chondrocytes Regulate Osteoclast Mediated Bone Resorption | Vashti Convers

10:15 | Connectivity in the Temporal Junction and Frontal Cortex is Weakened by Autism Spectrum Disorder | Sumedha Bobba, Allyson Criswell, Ethan Ellerbusch

10:50 | Probing the Genetic Diversity of Phages Infecting *Arthrobacter globiformis* | Charlene Mansour

ROOM TWO

BIOLOGICAL AND LIFE SCIENCES

9:05 | Temperature, Turbidity, and Life Forms | Charisma McKinney

9:40 | Effects of Exercise in a rodent model of Temporal Lobe Epilepsy | Cindy Nguyen

10:15 | dSTORM Microscopy Advances Desmosome Structural Understanding by Constructing Layered Images | Craig Peters

10:50 | Meta-analysis of CRISPR Guide Design in Rat and Mice Models | Karthik Reddy, Amber Glaze, Hannah Majors, Krishna Josyula

INTRODUCTION AT 9:00

ROOM THREE

9:05 | Opioid Education in Dental Schools: A Scoping Review | Health Sciences and Health Professions | Jenny Jeon

9:40 | Assessing Diet Quality Among Low-Income Hispanic and Latino Adults | Health Sciences and Health Professions | Carlos Martinez, Alexis Joiner, Courtney Carlisle, Morgan Epps, Yolanda Amezaga

10:15 | Characterization of “Mild” Neurofibromatosis Type 1 Patient Mutation p.M992del in Knock-In Mouse Model | Works in Progress | Alexis Murawski

10:50 | The Dilemma of Targeting Terrorists | Arts and Humanities | Camyla Muniz, Jonathan Stoney

ROOM FOUR

BUSINESS, FINANCIAL, AND INTERNATIONAL STUDIES

9:05 | The Effects of Interest Rate Changes on Market Quality | Joseph Buete

9:40 | Economic Effects of Alternatives to Opioids | Jonathan Odom

10:15 | How Does the Size and Sector of a Firm Affect the Female and Minority Representation in the C-suite? | Dipal Patel

10:50 | Retail Salesperson Obsolescence and the Economic Implications | Kyndrah Poindexter

INTRODUCTION AT 9:00

ROOM FIVE

9:05 | Student Engagement and Perception in a Remote, Flipped-Learning Organic Chemistry Classroom | Education |

Amanda Duplain

9:40 | PBI and PBL as a Delivery Method for Research Exposure in FYE Courses | Education | Ivy Gentry, Erin Wiley, Ryan Lauterbach

10:15 | One UAB: An Exploration of Intercultural Competence | Service Learning | Chloe Duren, Asavari Shanker, Salman Alharbi, Saad Alharbi

ROOM SIX

SOCIAL AND BEHAVIORAL SCIENCES

9:05 | Sex Differences in Knee Osteoarthritis: Pain Thresholds and Clinical Pain Severity | Erica Hollaway

9:40 | The Moderating Effect of Parental Nurturance on Predicting the Relationship Between Parental Harsh Discipline and Child Delinquency | Ilissa McIntosh-Williams,

10:15 | The Effects of John Henryism and Masculinity in Overweight African American Men | Demetrius Smith, Olivio Clay, Larrell Wilkinson

10:50 | Relationship Between Palatable Eating Motives and Weight Loss During Gut-Cued Eating | Taylor White