

SUMMER UNDERGRADUATE RESEARCH SYMPOSIUM

July 29, 2020

TIME	PRESENTER	PROJECT TITLE	ADVISOR	DEPARTMENT
10:00 – 10:05 a.m. Welcome and Introductions				
10:05	Evan Brinckman	LockLuck	Agnieszka Marczak Czajka	Center for Research Computing (CRC)
10:15	Meghan Coggins	Increase in Computer Science Attitudes is Not Moderated by Either Gender or Underrepresented Race/Ethnicity in STEM+C	Dr. Ying Cheng	Psychology
10:25	Sophia Henn	Visualizing Text Data for Event Classification in the Social Sciences: Applications of NLP to Understand Triggers of Mass Atrocities	Dr. Paul Brenner	Center for Research Computing
10:35	Maya Mosley	How language impacts math and computer science self-perceptions in 4th - 12th grade students	Dr. Ying Cheng	Psychology
10:45	Trent Robinett	Integration of growth factor signaling through cytosolic calcium during organ development	Dr. Jeremiah Zartman	Chemical and Biomolecular Engineering
10:55	Akanksha Sachan	Tissue Cartography: Automated morphometric analysis of epithelial tissues	Dr. Jeremiah Zartman	Chemical and Biomolecular Engineering
11:05	Charles Sleeper	Big Data for a multi-part computational framework to help identify triggering events.	Dr. Paul Brenner	Center for Research Computing
11:15	Abby Sticha	SVMs for Social Science Event Classification: A Case Study on the Triggers of Mass Atrocities	Dr. Paul Brenner	Center for Research Computing
11:25	Yuxin Wu	Identifying irregular respondents through response time	Dr. Zhiyong Zhang	Psychology
11:35	Lixian Yan	On Intelligence, Spike-Timing-Dependent Plasticity, and Rule-Guided Learning Devices	Dr. Alan Seabaugh	Electrical Engineering
11:45 – 12:00 p.m. Conclusion and Final Questions				
Break				
1:00 – 1:05 p.m. Welcome and Introductions				
1:05	Carver Coleman	The 1918-19 Flu Pandemic and Nonpharmaceutical Interventions in Ohio Cities	Dr. Kasey Buckles	Economics
1:15	Audrey Filonczuk	Careless Responding Identified More in Older Children and Minorities; Multiverse Analysis Reveals Stronger Correlations When Removing All Careless Responders	Dr. Ying Cheng	Psychology
1:25	Susana Guerrero	The humanizing effect of white protesters on newspaper articles related to BLM protests	Dr. Bettina Spencer	Psychology, St. Mary's College
1:35	Allison Wan	Determining psychological predictors for attrition rates in surveys measuring the longitudinal effectiveness of an intelligent learning platform on STEM persistence in underrepresented populations	Dr. Ying Cheng	Psychology
1:45	Jordyn Rand	Positive Attitude Heightens Emotional Intelligence	Agnieszka Marczak Czajka	Center for Research Computing
1:55	Eliana Sanchez	Attitudes Towards Computer Programming: An Analysis of Background Experiences	Dr. Ying Cheng	Psychology
2:05	Noah Wamble	Continuous Diafiltration Membrane Cascades for Lithium-Ion Battery Recycling	Dr. Alexander Dowling, Dr. William Phillip	Chemical and Biomolecular Engineering
2:15	Erick J. Mendez	Molecular and process design framework for the separation, recycling, and reuse of hydrofluorocarbon mixtures	Dr. Edward Maginn, Dr. Alexander Dowling	Chemical and Biomolecular Engineering
2:25	Rebecca Ward	Dehumanization of Black Victims of Police Violence in News Media by Gender & Political Bias	Dr. Bettina Spencer	Psychology, St. Mary's College
2:35 – 2:50 p.m. Conclusion and Final Questions				