

# Undergraduate Research and Creative Activity Open House

PROGRAM OF PRESENTERS  
THURSDAY, NOVEMBER 4, 2021



SCIENCE BUILDING

Poster	Student Author & Mentor	Department	Title
1	Miranda Pomatto <i>Dr. Meredith Dye</i>	Sociology	Family Support and Reentry Needs of Life-Sentenced Women
2	Alexander Taylor <i>Dr. Meredith Dye</i>	Sociology	Reentry Expectations of Life Sentenced Women: Recidivism
3	Logan Carver & Ashi Patel <i>Dr. April Weissmiller</i>	Biology	The Interaction of N-MYC and WDR5: Therapeutic Potential in Neuroblastoma
4	Merry Young <i>Dr. C. Rebecca Oldham</i>	Human Sciences	The Sacred Bed Phenomenon: Which Sexual Attitudes Mediate the Association between Fundamentalism and Sex Guilt?
5	Shelby Howard <i>Dr. C. Rebecca Oldham</i>	Human Sciences	Does Religion Moderate the Influence of Sex on Emotional Intimacy?
6	Alison Blanton <i>Dr. Jessica G. Carter</i>	Agriculture	Effects of Heat Stress on Blood Metabolites and Milk Quality in Lactating Holstein and Jersey Cows
7	Ha Bui <i>Dr. Elizabeth Dyer</i>	STEM	Teachers' familiarity with the new computer science standards and their readiness to implement the subject
8	Rachel Booher <i>Dr. Philip Phillips</i>	English & Honors	Kigo and American Poetry: An Analysis of the Japanese Influences on the Haiku of Gary Snyder, with Personal Interpretations of the Japanese Seasonal Elements
9	Jack Maxwell <i>Dr. April Weissmiller</i>	Biology	Investigating the Significance of SWI/SNF on MYC-dependent Transcription in Malignant Rhabdoid Tumor
10	Sophia Taylor <i>Dr. Scott Handy</i>	Chemistry	Organic Electrosynthesis in Deep Eutectic Solvents
11	Ashton Bazzell <i>Dr. Jessica G. Carter</i>	Agriculture	Environmental Temperature Effects on Milk Production and Daily Activity of Dairy Cows with Respect to Different Breeds
12	Robert Conner <i>Dr. Song Cui</i>	Agriculture	Effects of Different Alfalfa ( <i>Medicago sativa</i> L.) and Tall Fescue ( <i>Schedonorus arundinaceus</i> L.) Mixing Ratio on Dry Matter Yield, Nutritive Value and Greenhouse Gas Emission
13	"Felix" Aubrianna Taylor <i>Erin Anfinson</i>	Art and Design	Visual Expressions of Sound Recordings
14	Pranathi Shankar <i>Dr. Jessica Gaby</i>	Psychology	Can priming information about body odor affect perceptions of competence in a virtual interview?
15	Emma Summers <i>Dr. Kathryn Blankenship</i>	Health and Human Performance	The Effects of a Pandemic on Speech Therapy for Children

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16 11am-12pm	Leah Piccirillo <i>Dr. David Cyzak</i>	Music	Utilizing Process Management to Increase the Efficiency of Oboe Reed Making
16 12pm- 1pm	Charlotte Daigle <i>Dr. Rhonda McDaniel</i>	English	An Evaluation of Perspective, Persona, and Point of View In Short Stories
17 11am-12pm	Hunter Brady <i>Dr. Anthony Newsome</i>	Biology	Chlorine Dioxide Gas: Potential for Use as an Anti-viral Agent
17 12pm- 1pm	Hannah Hudson <i>Dr. Elizabeth Dyer</i>	STEM	Factors Influencing Teachers' Use of Groupwork in Secondary Mathematics Classrooms
18 11am-12pm	Rija Asim <i>Dr. Tiffany Rogers</i>	Psychology	Validation and Testing of a Social Motivation Task for Mice
18 12pm- 1pm	Ashley Barrienots <i>Dr. Keonte Coleman</i>	Journalism	Amplifying BIPOC voices through a creative digital journal: College students sound off on COVID-19, confrontations with systemic racism, and the 2020 presidential election
19 11am-12pm	Callum Hay <i>Dr. Daniel Smith</i>	Economics and Finance	Identifying Patterns in Budgetary Adjustments Taken by Southeastern States During the Covid19 Pandemic
19 12pm- 1pm	Carina Vazquez <i>Dr. William Robertson</i>	Physics	Experimental Composition of Two Systems: Ring Resonator Structures and an Acoustic Demultiplexer
20 11am-12pm	Jessy Shearer <i>Dr. Maegan Hollis</i>	Agriculture	Effect of heat stress on serum metabolic profile of lactating Holstein and Jersey dairy cows
20 12pm- 1pm	Sylvia Zakher <i>Dr. Amy Phelps</i>	Chemistry	Investigating Classroom Discourse in an Active Learning POGIL Based General Chemistry Class.
21 11am-12pm	Ahmad Mohammad & Jackson Fry, <i>Dr. Xin Yang</i>	Computer Science	Rasa Python Chatbot
21 12pm- 1pm	Luke Gormsen <i>Dr. David Butler</i>	Aerospace	A Co comparative Review of Potential Landing Sites For a Mission to Mars
22 11am-12pm	Shelby Mayhut, Nelson Torres <i>Dr. Daniel Erenso, Dr. Ying Gao</i>	Physics	Light-emitting Plasma Formation from BT20 Breast Cancer Cells using Laser Trapping technique
22 12pm- 1pm	Ryah Al-Amin <i>Dr. Jessica Gaby</i>	Psychology	How does COVID-related masking and social distancing affect social olfactory communication?