

Undergraduate Research and Creative Activity Open House

PROGRAM OF PRESENTERS

NOVEMBER 10, 2020



SCIENCE BUILDING

Poster	Student Author and Mentor	Department	Title
1	Koda Hengstenberg, <i>Dr. Scott Handy</i>	Chemistry	Exploration of Aurone System in Mercury Sensing
2	Shelby Cox, <i>Dr. John DuBois</i>	Biology	Assessment of Cannabinoid Levels in Successively Cloned Generations of Industrial Hemp (<i>Cannabis sativa</i>)
3	Sean Oakey, <i>Dr. Warner Cribb</i>	Geosciences	Very Sticky Stuff: Rheological Adventures in Volcanic Plumbing Systems
4	Braliegh Beshears, <i>Dr. Warner Cribb</i>	Geosciences	Where did those volcanoes come from? A preliminary investigation of low Si magma formation in the central to northern Oregon Cascade Range".
5	Lily Medley, <i>Dr. Warner Cribb</i>	Geosciences	The lavas of Cloud Cap – Did Mt. Hood try to change its geochemical destiny?
6	Georgia Latta, <i>Dr. Elizabeth Dyer</i>	STEM	Productive, Unproductive, and Mixed Causal Reasoning in High School Math Teachers
7	Jillian Sherer, <i>Dr. Scott Handy</i>	Chemistry	Fluorescent Labels Based on the Aurone Scaffold: A Group Project
8	Zachary Sanchez, <i>Dr. Shelley Moore</i>	Nursing	Beliefs and Attitudes on Working with Older Adults (BAWOA)
9	Katrina Scott, <i>Dr. Erin Anfinson</i>	Art and Design	A Creative Exploration of the History of Women's Anger
10	Brendan Mitchell-Fostyk, <i>Dr. Samuel Haruna</i>	Agriculture	Effects of Land Position on Soil Hydraulic Properties
11	Dara Zwemer, <i>Dr. John Pennington</i>	Psychology	Officer Workload and Lethal Officer-Involved Shootings of Unarmed Citizens
12 11am-12pm	Amber Hayden, <i>Dr. Kathryn Blankenship</i>	Health and Human Performance	The Effect of Language Sample Length as a Function of Varying Age Groups
12 12-1pm	Gabrielle Mould, <i>Dr. Jessica Carter</i>	Agriculture	A bi-seasonal evaluation of somatic cell count, hygiene scores, and bedding cultures of Holstein cows housed in a compost bedded pack barn
13 11am-12pm	Emily McTyre, <i>Dr. Leland Gregory</i>	Media Arts	Vanderbilt
13 12-1pm	Cody Maness, <i>Dr. Rafet Al-Tobasei</i>	Computer Science	MTConnect: A Mobile Application to View Campus Events
14	Audrey Creel, <i>Dr. Molly Taylor-Poleskey</i>	History	Bygone Nashville: Public and Digital History
15	Gracyn Blake, <i>Dr. John Pennington</i>	Psychology	Police Brutality on Unarmed Suspects from 2016
16	Saman Kittani, <i>Dr. Elizabeth Dyer</i>	Education	Teacher Causal Reasoning Types Frequency
17	Joy Yancey, <i>Dr. Elizabeth Dyer</i>	Mathematics	Uncertainty in Math Teacher's Causal Reasoning
18	Benjamin Campbell, <i>Dr. Scott Handy</i>	Chemistry	An Improved Deep Eutectic for Condensation Chemistry
Virtual	Elina Nguyen, <i>Dr. Thomas Brinthaup</i>	Psychology	The Relationships Among Mindfulness, Sense of Self, and Self-Talk

The Undergraduate Research Center would like to thank the following individuals for sponsoring this event:

Dr. David Butler, Vice Provost, Research and Dean, College of Graduate Studies
Mr. Jeffry Porter, Director of Office of Research and Sponsored Programs

MTSU Undergraduate Research Center (URC)

The MTSU Undergraduate Research Center (URC) was created in 2004 to promote mentored research at the undergraduate level and provide university support for undergraduate students and the faculty members who mentor them in scholarly and creative activities. This includes providing information and financial support through grants. Mentored research strengthens students' content knowledge, research skills, and soft skills that employers and graduate schools value.

In addition to funding student research through our Undergraduate Research Experience and Creative Activity (URECA) grants, the URC hosts several events each year that give MTSU students an opportunity to showcase their research. These events include the Summer Research Celebration, the Fall Undergraduate Research Open House, Posters at the Capitol, and Scholars Week. We hope you will check out these events and join us to experience the benefits of mentored research firsthand.

Important Dates:

Thursday, January 28, 2021 – Spring URECA Deadline

Thursday, March 25, 2021 – Summer URECA Deadline

Friday, April 16, 2021 – Scholars Week 2021

Director: Jeffry B. Porter
Program Manager: Dr. Jamie Burriss
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Signature required to obtain course credit

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