

**RISE Above 6<sup>th</sup> Annual Research Conference**  
**Program Overview**  
**April 25<sup>th</sup>, 2019**  
**Derthick**

**Creation Care Committee Display 2:00-6:00**

**Derthick Area**

*Come learn about curricular and campus initiatives to care for our planet through education, reduced waste, composting, and conservation efforts.*

**Poster Session I: 2:20-3:20**

**Moderated by Joy Drinnon**

**Derthick 2<sup>nd</sup> Floor Lobby**

Andrea Lamb and Kellee Geren Faculty Mentor: Kristen Mudrack	Unnatural Dipeptide Synthesis with Bioactivity Against <i>P. Aeruginosa</i>
Madison Grindstaff Faculty Mentor: Kristen Mudrack	The Effect of Artificial Sweeteners on Reactive Oxygen Species in the Growth of Yeast
Cassidy Anderson Faculty Mentor: Kristen Mudrack	Ameliorating Effects of Coconut Oil Against Oxidative Stress
Ryan Kelly Faculty Mentor: Namyoun Choi	Predicting Earthquakes with AI
Doc Maines, Bo Pless, Zula Coley, Nathan Baker & Josh Clemens Faculty Mentor: Dr. Greg Harrell, Dr. Jeff Giesey, Dr. Landon Holbrook, and Dr. Hongyou Lu	Sustainable Water Treatment Design for Hancock County, Tennessee
Jenee Boston Faculty Mentor: Hongyou Lu	Reconsidering beef for Reconciliation
Derek Jeffers Faculty Mentor: Noah DeLong	The Music & Musicians of the "Ship of Dreams": the R.M.S. Titanic
Will Hull Faculty Mentor: John Paul Abner	Research on Family of Origin in College Students
Jarad Turpen Faculty Mentor: Shauna Nefos-Webb	Attitudes Toward Islam
Kirsten Phillips Faculty Mentor: John Paul Abner	The Correlation Between Language Delays and Externalizing Behavioral Issues in Appalachia
Kelsey Maloney-Steiner Faculty Mentor: Shauna Nefos Webb	A Study of Mental Wellness in Milligan College Student Athletes

<b>Undergraduate Oral Session #1</b>		<b>Moderated by Kayla Walker Edin</b>
<b>Derthick 109</b>		
3:15-3:30	Morgan Glover Faculty Mentor: Kayla Walker Edin	Et tu, Portia: Roman Rhetoric in the Letters of Abigail Adams
3:35-3:50	Hunter Greene Faculty Mentor: Todd Edmondson	A Voice in the Wilderness: Continuing the Prophetic Tradition in Southern Appalachia
3:55-4:10	Rachel Swan Faculty Mentor: Michael Blouin	The Atomic Pen: Examination of the Intimate Relationship Between Atomic Literature and Nuclear Complacency

<b>Undergraduate Oral Session #2</b>		<b>Moderated by Kristen Mudrack</b>
<b>Derthick 209</b>		
3:30-3:45	Cassidy Anderson Faculty Mentor: Kristen Mudrack	Crazy for Coconut Oil: Ameliorating effects of virgin coconut oil on metal-induced oxidative stress within yeast.
3:35-3:50	Makayla Kennedy Faculty Mentor: Brian Eisenback	Nasturtium officinale: A Creekside Nutrition

<b>Undergraduate Oral Session #3:</b>		<b>Faculty Moderator TBA</b>
<b>Derthick 108</b>		
3:30-3:45	Kirsten Phillips Faculty Mentor: John Paul Abner	The Correlation Between Language Delays and Externalizing Behavioral Issues in Appalachia
3:50-4:05	Boone Allison Faculty Mentor: David Campbell	Effects of Kentucky Syringe Exchange Programs on Crime

<b>Undergraduate Oral Session #4:</b>		<b>Moderated by Allysha Martin</b>
<b>Derthick 109</b>		
<i>This session will be entirely in Spanish</i>		
4:15-4:30	Amy Olvera Faculty Mentor: Allysha Martin	The Causes of Negative Mental Health Found in Documented and Undocumented Children in the United States
4:35-4:50	Taya James Faculty Mentor: Allysha Martin	Education: A Right for All

<b>Undergraduate Oral Session #5</b>		<b>Moderated by Tara Cosco</b>
<b>Derthick 108</b>		
4:15-4:30	Stephen Lewis Faculty Mentor: Rebecca Sapp	Not All HEROES Wear Capes
4:35-4:50	Sarah Moore Faculty Mentor: Tara Cosco	Multicultural Children's Literature in the U.S. Since the 1960s

<b>Undergraduate Oral Session #6</b>		<b>Moderated by Kristen Mudrack</b>
<b>Derthick 209</b>		
4:15-4:30	Bo Pless Faculty Mentors: Dr. Greg Harrell, Dr. Jeff Giesey, Dr. Landon Holbrook, and Dr. Hongyou Lu	Sustainable Engineering of a Rural Water Supply in Hancock County, TN
4:35-4:50	Karen Bracenas Faculty Mentor: Brian Eisenback	Ecological impacts of the United States-Mexican border wall

**Poster Session II: 5:00-6:00**

**Moderated by Joy Drinnon**

**Derthick 2<sup>nd</sup> Floor Lobby**

Christina Mushayamunda	The Effects of Fiction and Non-Fiction Literature on Empathy in a Middle School Literature Class
Riley Prickett	The Role of Technology in Motivating Students at a Selected Elementary School
Kathryn Kenneson	Perceptions of Adult Latinos on a Church-based ESL Class in Northeast Tennessee
Ashley Jackson	The Relationship Between English Language Learners Performance in English Language Arts and Achievement on Standardized Tests
Rachel Owens	The Relationship Between the Amount of Time Spent in Pre-Kindergarten and Kindergarten Academic Performance.
Ian Herrin	The effects of Peer-Teaching and Traditional Teaching Methods on Student Performance in High School Personal Finance Class
Tessa Gonce	The Relationship Between High School ACT Scores and First Year College GPA
Hailey Holyfield	The Relationship Between Direct Instruction and Laboratory Instruction on Student Knowledge of a Middle School Biology Concepts
Sommer Bauer	Professional Knowledge of Adverse Childhood Experiences
Kevin Howard	What is important to middle school students about being in band?
Macy French	The effects of Flexible Seating and Traditional Seating on Academic Performance in a Selected Kindergarten Classroom
Noah Edwards	Comfortability in Using Music in the Classroom
Blake Irwin	The Relationship Between Accountability Logs and Student Academic Achievement in an Eleventh Grade Class at a Selected High School
Heather Van Cleave Faculty Mentor: Beth Crouch	Be Your Best, Beat Stress

**Emmanuel Seminary Graduate Oral Session  
Derthick 210**

**Student Moderator TBA**

*In this student lead session, graduate seminary students present exploratory research from their coursework. Presenters welcome questions and discussion.*

4:45-5:05	Daniel Morton	God Categorized as Disabled: Deconstructing and Reconstructing Divine Power
5:10-5:30	Kimberly Stambaugh	Expansion of the Stone Campbell Movement to the Mountains of Eastern Kentucky & Origins of the Stambaugh Church of Christ, Johnson County, 1887

**Faculty Lecture**

**7:00 PM**

**Hyder Auditorium**

Art Brown, assistant professor of communications, will deliver a lecture on letterpress printing in the digital age.

Looking ahead to next year

**RISE Above 7<sup>th</sup> Annual Conference**

**April 23, 2020**

Conference Theme

*2020:Re(Vision)*

For information about enrolling in mentored research contact Joy Drinnon,

[jdrinnon@milligan.edu](mailto:jdrinnon@milligan.edu)

*Get inspired.*