



RESEARCH  
DIALOGUES

2019



THE UNIVERSITY  
OF TENNESSEE AT  
CHATTANOOGA

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# welcome

Welcome to ReSEARCH Dialogues, the largest academic conference on the UTC campus. Now in its fifth year, the two-day signature event showcases the scholarship and creative endeavors of nearly 700 UTC faculty, staff, graduate students and undergraduate students from all campus programs and disciplines. In addition, this year's program features presentations by students representing Cleveland State Community College and members of the community, making it a true local celebration of research and creative activities.

The research and creative projects featured in this year's conference underscore UTC's status as a community-engaged university. Projects focus on a wide range of topics and issues with the goal of solving complex problems that impact Chattanooga and beyond. Featured projects also reflect UTC's commitment to create meaningful learning experiences for our students, enabling them to achieve success in post-graduate study and the world of work. Finally, the projects emphasize UTC's growing emphasis on research, a robust culture that advances intellectual growth among our faculty and provides students with hands-on activities that foster their success and enhance the region's economic growth.

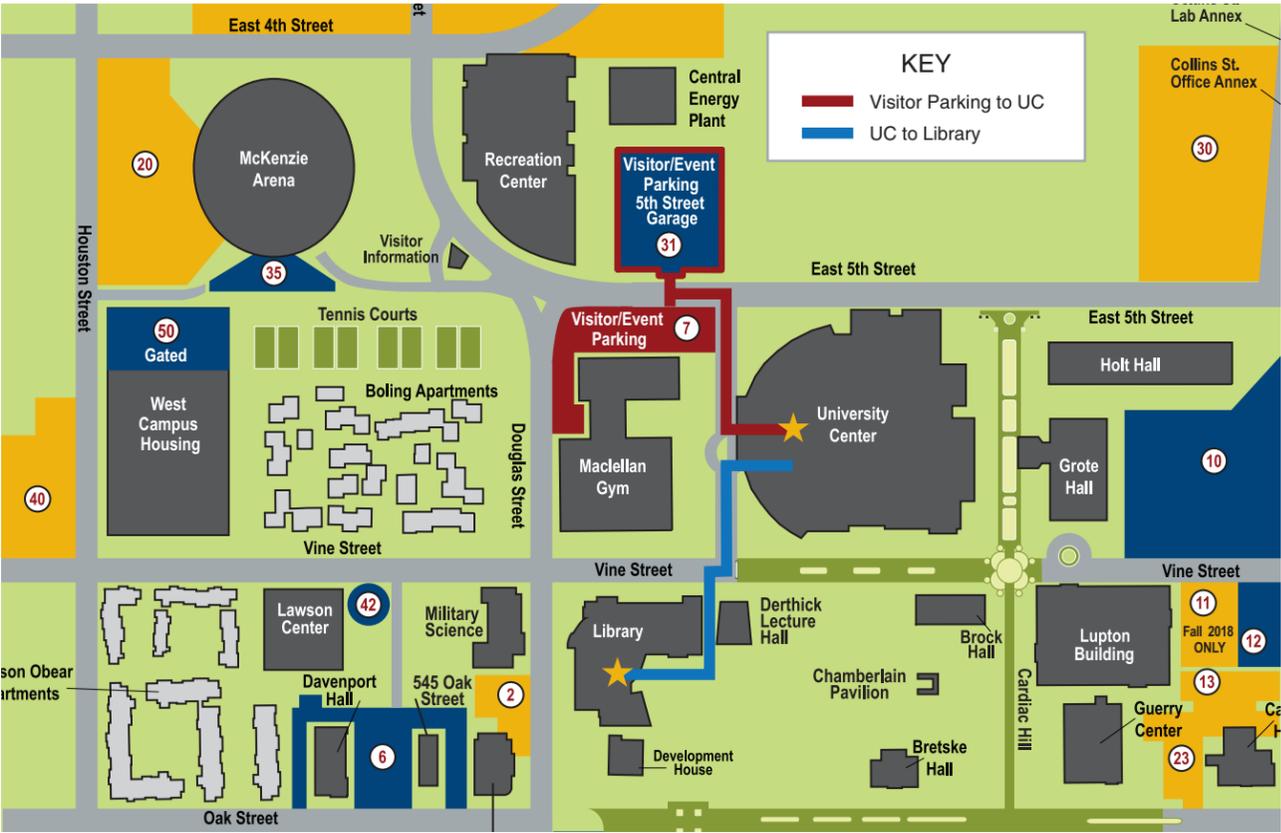
Congratulations to all the outstanding 2019 ReSEARCH Dialogues presenters and pitch-competition participants. We are proud to support your work, which positively impacts your disciplines and society. We applaud your efforts and wish you much success in your future academic endeavors. To our faculty who serve as research mentors and advisors, we are grateful for your dedication and commitment to our students.

We would like to acknowledge all the individuals who have worked so diligently to make this year's conference a success. Thank you to our volunteers and staff. We could not do this work without you. To all those who graciously gave their time to serve as pitch-competition judges and session moderators, we truly appreciate your participation and support.

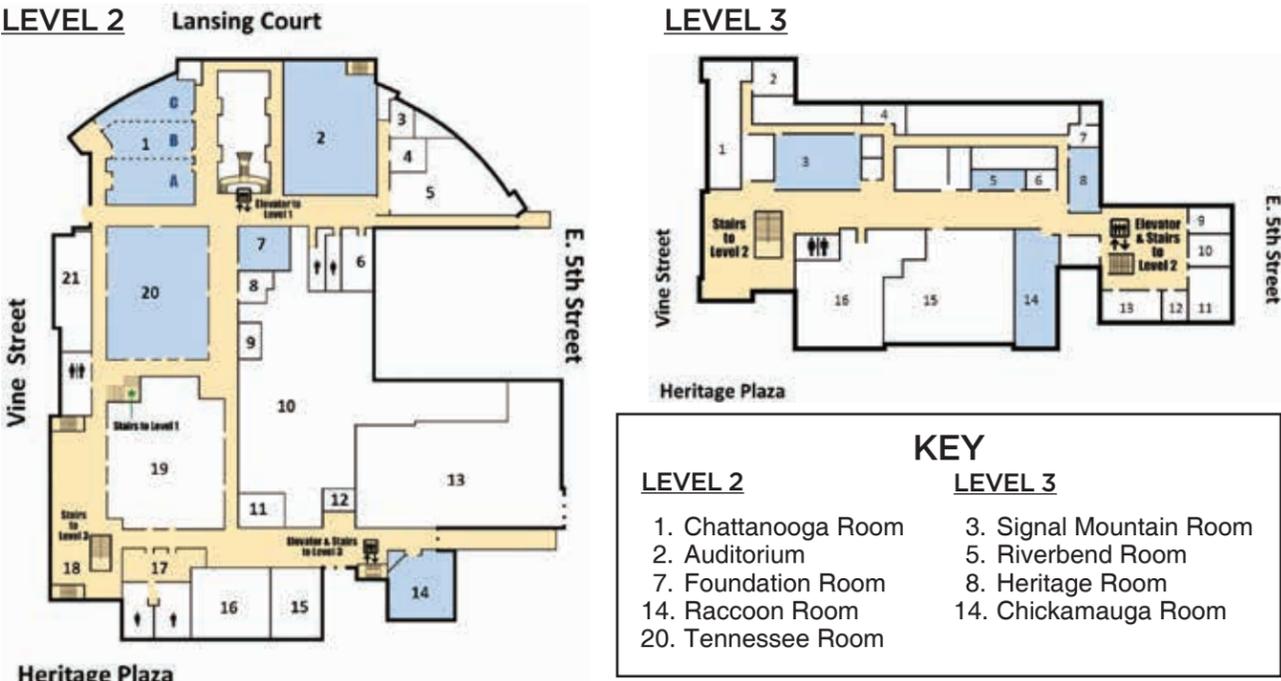
Finally, a very special thank you to our event sponsors. Your support helps sustain this signature event so we can continue to provide an exceptional experience for all participants. Your support also ensures that our faculty, students, staff and members of the community can come together to share ideas and passions and cultivate research dialogues.

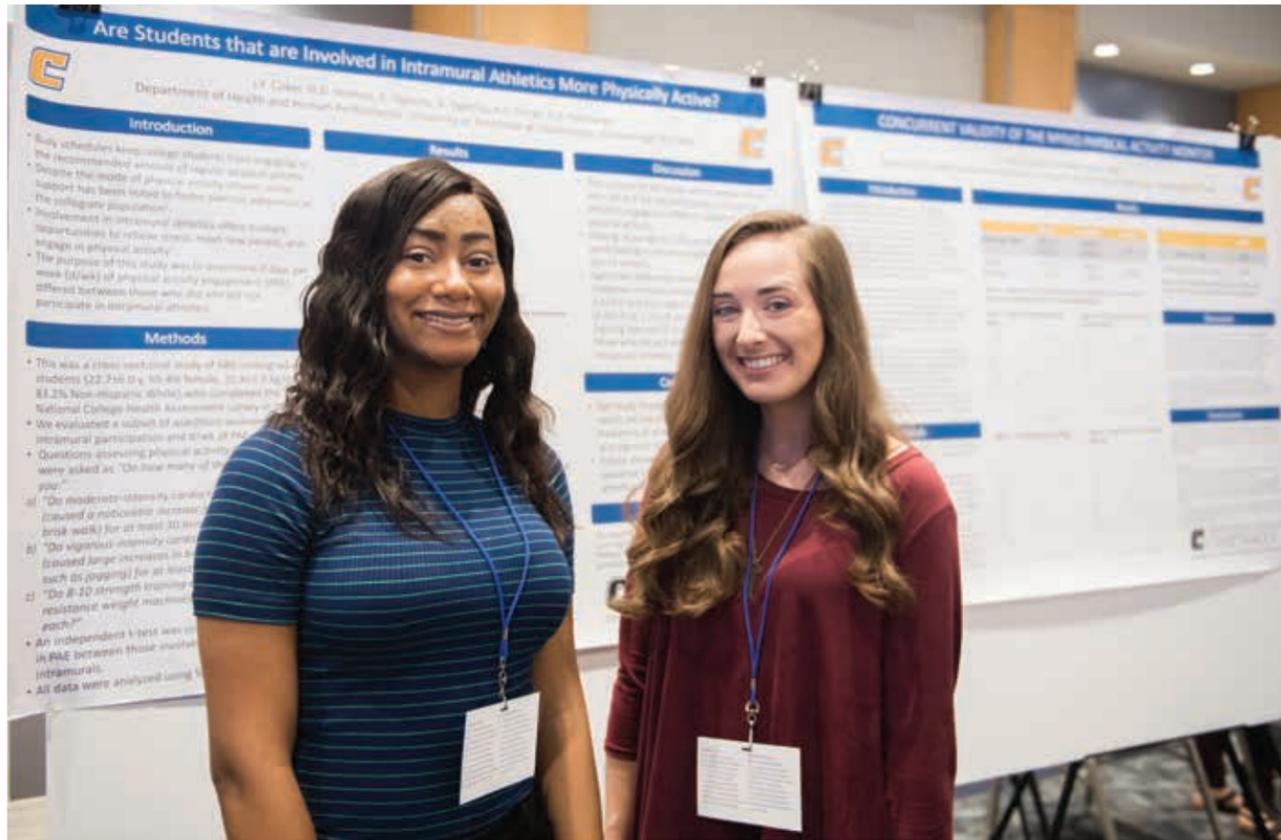
**Join the conversation!**

# campus map



# university center map





day 1 - april 9

## schedule

morning					afternoon				
8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00
Registration & Information - Tennessee Room Hallway									
Poster & Display Presentations Tennessee Room					Poster & Display Presentations Tennessee Room				
Podium & Panel Presentations Breakout Rooms					Podium & Panel Presentations Breakout Rooms				
		Day One Luncheon Chattanooga Rooms							
Performance Presentation Auditorium					Performance Presentation Auditorium				
							Undergraduate Student Lightning Pitch Competition Auditorium		

## performance presentations

UNIVERSITY CENTER - LEVEL 2 - AUDITORIUM

morning session

9:30-10:45 am Sami Burns UTC Theatre Company Presents

afternoon session

Emily Thompson, Moderator

1:00-1:45 pm Lynn Worcester Jones, DMA, Nikolasa Tejero, DMA New Music for Clarinet and Piano



## day one luncheon

11:00 AM - 12:30 PM | UNIVERSITY CENTER - LEVEL 2 - CHATTANOOGA ROOMS

- Mr. Jed Mescon Vice President of Public Relations and Marketing, Erlanger Health Systems
- Dr. Joanne Romagni Vice Chancellor for Research and Dean of the Graduate School
- Dr. Steven Angle Chancellor, The University of Tennessee at Chattanooga
- Mr. Blake Corman Chemistry and Mathematics, Undergraduate Researcher, Brock Scholar, and Grote Scholar
- Mr. Korede Ajumobi Master's Candidate, Mathematics

# morning poster & display presentations

9:00 AM - 11:00 AM | UNIVERSITY CENTER - LEVEL 2 - TENNESSEE ROOM

## ARTS & SCIENCES

Korede Ajumobi	Whitney Glaze	Ashley May	Braden Sanford
Garrett Allen	Alice Gleadhill	Allen Mayo	Aruna Saram, MBA, MS
Hadyn Bailey	Isabel Gray	Shannon McCarragher, PhD	Jacquelyn Scott
DeAnna Beasley, PhD	Sumith Gunasekera, PhD	PhD	Eric Siv
Jessica Bertrand	Heidi Hall	Matthew McCarver	Thad Smith
Sara Bey	Emily Halvorson	Erin McCoy	William Scott Smith
Kristen Jennings Black, PhD	Katie Hargrave, MFA	Jonathan Melton	Damian Spears
Hannah Boulware	Loren Hayes, PhD	Saada Musa	William Stuart
Ethan Boyd	Heather Henderson	Camille Oglesby	Andrew Stump
Cortrez Brewster	Derek Holman	Jaylee Oliver	Shannon Tattitch
Amy Brock-Hon, PhD	Molly Hudson	Adam Olson	Yankarlos Taveras
Ashley Carpenter	Clayton Jones, MFA	Spencer Overbay	Nikolasa Tejero, DMA
Tes Cherian	Gracelyn Lane	Trevor Paratore	Aggie Toppins, MFA
Deandre Cole	Jackson Lappin	Natalie Parks	Rosa Velasco
Nathan Collyer	Kevin Lee	Abby Parmley	Adam Warren
Hill Craddock, PhD	Blake Lemay	Jared Pienkos, PhD	Lakmali Weerasena, PhD
Claudia Craig	Breanna Long	Kateland Porter	Olivia Wightman
Stefan Dohse	Lauren Lyons	Kira Robison, PhD	Drew Woods
Amelia Edwards	Wilbourne Markham	Morgan Royer	
David Giles, PhD	Alexandra Martin	Olga Russell	
	Hannah Matthews	Christian Saenz	

## ENGINEERING & COMPUTER SCIENCE

Babatunde Atolagbe	Ignatius Fomunung, PhD	Artem Malashiy	Ashwyn Sam
William Baker	Arash Ghasemi, PhD	Alexandra Martin	Steven Sawyer
Kyle Barton	Evan Gildernew	Sai Medury	Will Sutton, PhD, PE
Haiven Camenisch	Konner Glass	Mbakisa Onyango, PhD	Carson Woods
Joseph Cancelleri	Haobo Guo, PhD	Joseph Owino, PhD	Connor Woods
Samuel Clark	Michael Harrington	Evan Patrick	
Patrick Craig	Dakila Ledesma	Charles Prewitt	
Zach Dyer	Yu Liang, PhD	Duncan Rolan	

## HEALTH, EDUCATION & PROFESSIONAL STUDIES

Elijah Berry	Marina Evers	Martha Law	Grace Rains
Katie Bogard	Shauntia Garner	Kelsey Layton	Brooklynn Ray
Rachel Brann	Jenny Goins	Emma Lynch	Benjamin Schrider
Mark Britt	Alison Hedges	Anna Martino	Haley Stacey
Mackenzie Brown	Haylee Ingle	Deborah McAllister, EdD	Kristen Steele
Karen Campbell	Adrianna Jiosa	Farley Meadows	Morgan Swafford
Anna Chill	Denesha Jones	Jessica Meadows	Ashley Valencia
Cameron Clark	Sydney Joseph	Krystan Mixon	Kelsey Ward
Megean Cowsky	Audrey Keith	Katherine Needham	Stephen Welch
Kendra Dunan	Marissa Knopp	Brittany Norris	Kaycee Whiteside
Jennifer Ellis, PhD	Lanaya Larson	Rae'Ven Offut	Kayneice Williams

## BUSINESS

Sloane Logan

## HONORS

Mallory Barbier

## ERLANGER

Allen Bible, DPT, FACHE  
Adria Sherrill

Jennifer Stephens

# afternoon poster & display presentations

1:00 PM - 3:00 PM | UNIVERSITY CENTER - LEVEL 2 - TENNESSEE ROOM

## ARTS & SCIENCES

Morgan Andrews	Jacob Ewald	Donica Hilario	Madison Reese
Courtney Baier	Abbie Faxon	Dalyn Hodge	Braden Sanford
Kyle Baker	Hannah Gateley	Lauren Hughes	Autumn Skiles
Roman Boylen	Lily Grace Gordon	Adeola Ijiyode	Benjamin Smith
Jacob Burelson	Leanza Greenlee	Mairin Knauss	Yankarlos Taveras
Jacquelyn Carter	Cullen Harris	Francesca Leasi, PhD	Amye Warren, PhD
Hill Craddock, PhD	Nicole Harty	Nicole Messer	A'Jacía Wash
Allison Dearing	Olivia Haslett	Autumn Miller	Cassie Whittaker
Trent Deason	James Hays	Delaney Perry	Austen York
Olivia DePhillips	Heather Henderson	Ashley Prak	Elizabeth Zuy

## ENGINEERING & COMPUTER SCIENCE

Peyton Ball	Christopher Davis	Will Khomtchenko	Joseph Owino, PhD
Evan Brock	Ignatius Fomunung, PhD	Erik Loredó	Malik Samaniego
Dylan Brownell	Isabel Gray	Artem Malashiy	Natalie Wallin
Rob Byerley	Haobo Guo, PhD	Hannah Margavio	Andrew Watson
Lixin Chen	Tyler Harp	Shelby Musselman	Weidong Wu, PhD
Tesros Cherian	Mikayla Hawkins	Weigang Ning	Chantz Yanagida
Michael Danquah, PhD		Mbakisa Onyango, PhD	Morgan Young

## HEALTH, EDUCATION & PROFESSIONAL STUDIES

Caroline Alexander	Glynne Ford	Marie Lavri	Savannah Quilty
Sadie Arbuthnot	Jenna Fuqua	Claire Leasure	Karlee Reed
John Ayoub	Hannah Gentry	Megan Lewis	Ana Rodas
Lauren Barber	Haley Gilbert	Ali Livesay	Ryan Sanders
Rebecca Beebe	Alexis Godsey	Jennifer Lubke, PhD	Charlene Schmidt, PhD, RDN
Mackenzie Brown	Brianna Goss	Kaitlyn Manton	Muhammad Sheikh
Jessica Bunch	McKenzie Hardeman	Ryan McCullough	Morgan Simpson
Virginia Cairns, MLIS	Elizabeth Hathaway, PhD	Lauren Moore	Anna Spivey
Sandy Cole, MS, EdS	Alison Hedges	Alison Morris	Morgan Swafford
Chelsea Conner	Opeletia Helton	Sara Newberry	Morgan Swafford
Megean Cowsky	Railey Holt	Emma Pace	Kaitlin Szczepanski
Cole Davis	Rachel Howard	Leandro Pena	Hannah Tallent
McKenna Dean	Clarke Hyde	Karissa Peyer, PhD	Destiny Tyehemba
Grace Dessinger	Denesha Jones	Mary Kayln Possy	Alexandra Welch
Lauren Dodd	Sydney Joseph	Melissa Powell, MEd, RDN	Erin White
Jessica Elsea	Lanaya Larson	Elizabeth Prather	Kara Williams

## BUSINESS

Jordan Barnes

## HONORS

Raiza Barahona  
Ashli Chew  
Luccas Do Carmo  
Mark Drinkard

Itzel Guzman Hernandez  
Hannah Holmberg  
Cora Miller  
Jesse Moore

Sophia Neglia  
Colton Smith  
Elise Steel  
Stephanie Swart

## LIBRARY

Jacquelyn Scott

## CLEVELAND STATE COMMUNITY COLLEGE

William Brewer

# podium & panel presentations

UNIVERSITY CENTER - LEVEL 2 - FOUNDATION ROOM

morning session - 9:00 AM - 11:00 AM

**Karissa Peyer, PhD, Moderator**

9:15 - 9:30 am	<i>Nice girls finish last: Acquiescent assertiveness attributed to workplace violence exposure and uncivil nursing encounters</i>	<b>Karina Kraevsky Phillips</b>
9:30 - 9:45 am	<i>Characterization and Biological Response of Legumes Fertilized with Engineered Nanoparticles</i>	<b>Dell Zimmerman</b>
9:45 - 10:00 am	<i>Southern Charm: A Study of Dialect Code-Switching Among Southerners</i>	<b>Tyler Clemons</b>
10:00 - 10:15 am	<i>The Benefits of Attending an Academic Conference</i>	<b>Sara Mitchell</b>
10:15 - 10:30 am	<i>The Role of Congress in Treaty Termination: Examining the Political Considerations Surrounding Goldwater v. Carter and Kucinich v. Bush</i>	<b>Anthony Iorio</b>
10:30 - 10:45 am	<i>The Making of Lavish in Pink</i>	<b>Elise Taylor</b>

afternoon session - 1:00 PM - 3:00 PM

**Gretchen Potts, PhD, Moderator**

1:15 - 1:30 pm	<i>F.O.M.C. Communications: A Sentiment Analysis</i>	<b>Jonathan Stegmann</b>
1:30 - 1:45 pm	<i>Looking at Movies with Computers - Using Convolutional Neural Networks for Shot Change Detection in Film Footage</i>	<b>Stephen Clark</b>
1:45 - 2:00 pm	<i>Beyond Biography: Caravaggio's Self Portraits as Psychological</i>	<b>Alyson McGowan</b>
2:00 - 2:15 pm	<i>Mary as a Scribe in Early Modern Painting</i>	<b>Katie Martin</b>

# podium & panel presentations

UNIVERSITY CENTER - LEVEL 2 - RACCOON ROOM

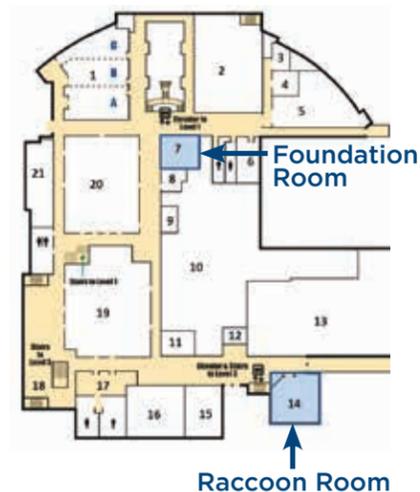
morning session - 9:00 AM - 11:00 AM

**Natalie Haber, MLS, Moderator**

9:30 - 10:00 am	<i>3 Cases of Contemporary Digital Writing and Publishing</i>	<b>Rik Hunter, PhD, Amy Burger, Shelby Yarbrough, Jenna Lacey</b>
10:15 - 10:45 am	<i>Incorporating Student Film-Making in a Course on Horror and Philosophy</i>	<b>Ethan Mills, PhD, Wes Smith, MA</b>

afternoon session - 1:00 PM - 3:00 PM

1:15 - 1:45 pm	<i>21st Century Success Skills: Drive Your Career</i>	<b>Blake Corman</b>
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# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - HERITAGE ROOM

morning session - 9:00 AM - 11:00 AM

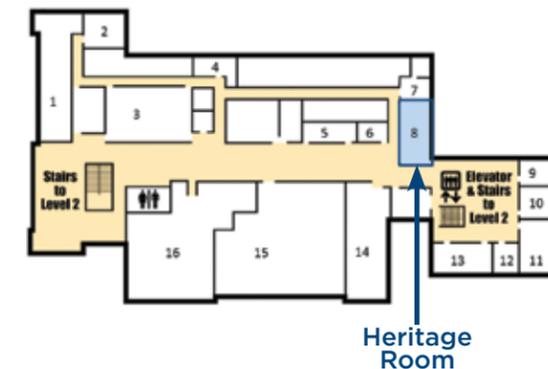
**Amanda Clark, PhD, Moderator**

9:15 - 9:30 am	<i>Latina/Hispanic Women's Perspectives in Chattanooga</i>	<b>Brittany Green</b>
9:30 - 9:45 am	<i>Investigating how bacterial pathogens sense and adapt to their environment to survive and spread disease</i>	<b>Abigail Doyle</b>
9:45 - 10:00 am	<i>Synthesizing Multifunctional Iron Oxide Nanodrugs and Developing a Model for their Size Analysis using Dynamic Light Scattering</i>	<b>Olivia George</b>
10:00 - 10:15 am	<i>Rising Rock documents Chattanooga</i>	<b>Allie Schrenker</b>
10:15 - 10:30 am	<i>Getting Lost: Examining a Creative Practice Using Found Materials</i>	<b>Mary Page Pepper</b>

afternoon session - 1:00 PM - 3:00 PM

**Kristen Knopick, MA, Moderator**

1:15 - 1:30 pm	<i>High Impact Practice Grant: Collaborative Translation: The Poem as Spatial Rendering</i>	<b>Shane Ward, MFA</b>
1:30 - 1:45 pm	<i>The Increasing Commonality of Consensually Non-Monogamous Relationships</i>	<b>Elisabeth Sheff-Stefanik, PhD, CSE</b>
1:45 - 2:00 pm	<i>Urban Electric Vehicle Charging Markets: Computational Modeling and Optimal Design</i>	<b>Vahid Disfani, PhD</b>



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - CHICKAMAUGA ROOM

morning session - 9:00 AM - 11:00 AM

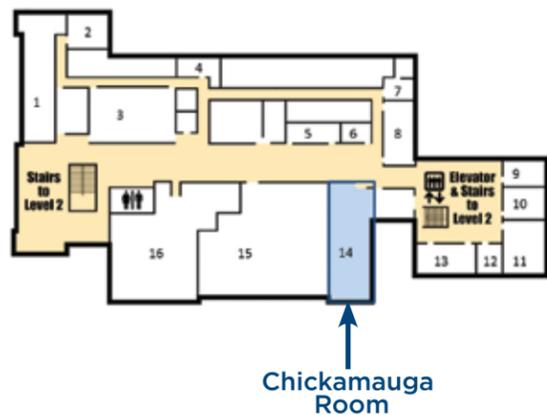
**Linda Frost, PhD, Moderator**

9:15 - 9:30 am	<i>The Development and Implementation of a Domestic Violence Nurse Examiner Program</i>	<b>Priscilla Simms-Roberson, DNP, APRN, NP-C, SANE-A</b>
9:30 - 9:45 am	<i>A Direct Algorithm for the Vertical Generalized Linear Complementarity Problem with P-matrix</i>	<b>Aniekan Ebiefung, PhD</b>
9:45 - 10:00 am	<i>Memorializing Migration: Immigrant Patronage, Public Memory and the Syrian Monument to Argentina (1910)</i>	<b>Olivia Wolf, PhD</b>
10:00 - 10:15 am	<i>Reasons for rarity? Exploring adaptive and acclimatory constraints of southeastern endemics in the face of contemporary environmental change</i>	<b>Jennifer Boyd, PhD</b>
10:15 - 10:30 am	<i>Using topology to understand polymer mechanics and function</i>	<b>Eleni Panagiotou, PhD</b>
10:30 - 10:45 am	<i>Midnight Vallenato and Other Stories</i>	<b>Edwin Murillo, PhD</b>

afternoon session - 1:00 PM - 3:00 PM

**Jennifer Boyd, PhD, Moderator**

1:15 - 1:30 pm	<i>Reading Communist Manifesto(s)</i>	<b>Heath Shultz, MFA</b>
1:30 - 1:45 pm	<i>Simulating intelligent mob behavior using a shared potential field or: How I learned to stop computing and admire the ducks</i>	<b>Craig Tanis, PhD</b>
1:45 - 2:00 pm	<i>Inspiring Students through Modeled Behavior</i>	<b>Kevin Doyle, PhD, LPC, NCC</b>



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - SIGNAL MOUNTAIN ROOM

morning session - 9:00 AM - 11:00 AM

**Cleveland State Community College Session**

**Victoria Bryan, PhD, Moderator**

9:15 - 9:30 am	<i>Grilling "The Great Gatsby"</i>	<b>Destiny Dodson Jones, Hannah Hall, Maria Tellez</b>
9:30 - 9:45 am	<i>AI Predicting Alzheimer's</i>	<b>David Shepherd, Josh Couch</b>
9:45 - 10:00 am	<i>The Significance of Washington's Farewell Address and The Monroe Doctrine</i>	<b>Harshil Patel, Nate Harrell</b>
10:00 - 10:15 am	<i>Gender Roles in History</i>	<b>Emily Pritchett, Bradley Hayes, Savannah Renfro</b>

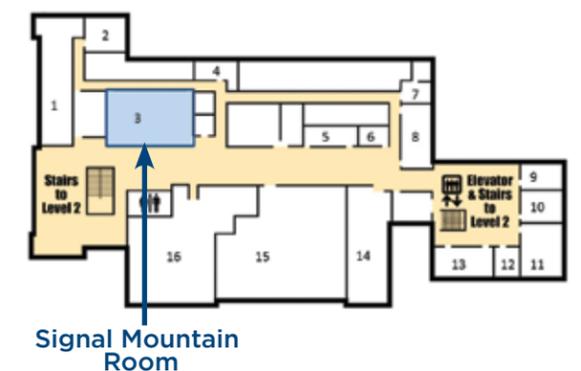
afternoon session - 1:00 PM - 3:00 PM

**Cleveland State Community College Session**

**Victoria Bryan, PhD, Moderator**

1:00 - 1:15 pm	<i>Human Trafficking: Tennessee</i>	<b>Sadie Lane</b>
1:15 - 1:30 pm	<i>Differences in Marketing: Luxury and Drugstore Cosmetic Brands</i>	<b>Katelyn Gardner</b>
1:30 - 1:45 pm	<i>War Prayer from an Outcast's Lens</i>	<b>David Tullock</b>
1:45 - 2:00 pm	<i>Oppression of Women in "The Yellow Wall-Paper"</i>	<b>Gerald Reidenbach</b>
2:00 - 2:15 pm	<i>A Short Reading of "Leave Hope Here"</i>	<b>Savannah Buffington</b>
2:15 - 2:30 pm	<i>Marxist Themes in Faulkner's "Barn Burning"</i>	<b>Arielle Gearhart</b>
2:30 - 2:45 pm	<i>The Significance of Washington's Farewell address and The Monroe Doctrine</i>	<b>Kaveri Patel</b>

*"Undergraduate research provides an opportunity to apply new knowledge in a real-world setting."*



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - RIVERBEND ROOM

morning session - 9:00 AM - 11:00 AM

**Talia Welsh, PhD, Moderator**

9:00 – 9:15 am	<i>Mary in the Quran: A Case for Prophethood and an Analysis of Fluidity and Transcendence of Traditional Gender Roles</i>	<b>Norah Soufraji</b>
9:15 – 9:30 am	<i>We Live Inside a Dream: David Lynch’s Dream Factory and What it Means for Reality</i>	<b>Aaron Mays</b>
9:30 - 9:45 am	<i>Aristotle, Aquinas, and Locke: A Synthesis of Natural Law Philosophy in American Jurisprudence</i>	<b>Allison Cyrus</b>
9:45 – 10:00 am	<i>The Digital Delusion: A Postphenomenological Analysis of Digital Embodiment</i>	<b>David King</b>
10:00 – 10:15 am	<i>Domestic Imperialism: the Reversal of Fanon</i>	<b>Wolfe Harris</b>
10:15 – 10:30 am	<i>“Scotty and Sadness”</i>	<b>Landon Finke</b>
10:30 – 10:45 am	<i>American Evangelicals and the social and political issues that concern them</i>	<b>Turner Phillips</b>
10:45 – 11:00 am	<i>How Idealism Resolves the Mind-Body Problem</i>	<b>Joshua Powell</b>



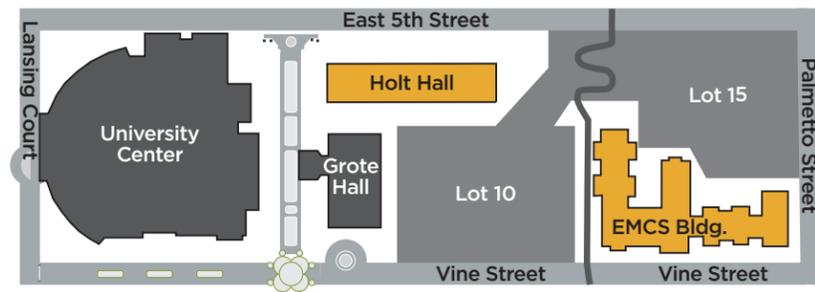
“Undergraduate research provides an opportunity for the student to expand their mind by opening them up to challenges.”

# utc wish debate and discussion

EVENTS THAT ENGAGE | PUBLIC SPEAKING STUDENTS

**Jeannie Hack-Cerulean,**  
Senior Lecturer

9:30 – 10:30 am	Holt 204
11:00 – 12:00 pm	EMCS 211
12:30 – 1:30 pm	Holt 204
1:50 – 2:50 pm	Holt 204



# undergraduate student lightning pitch competition

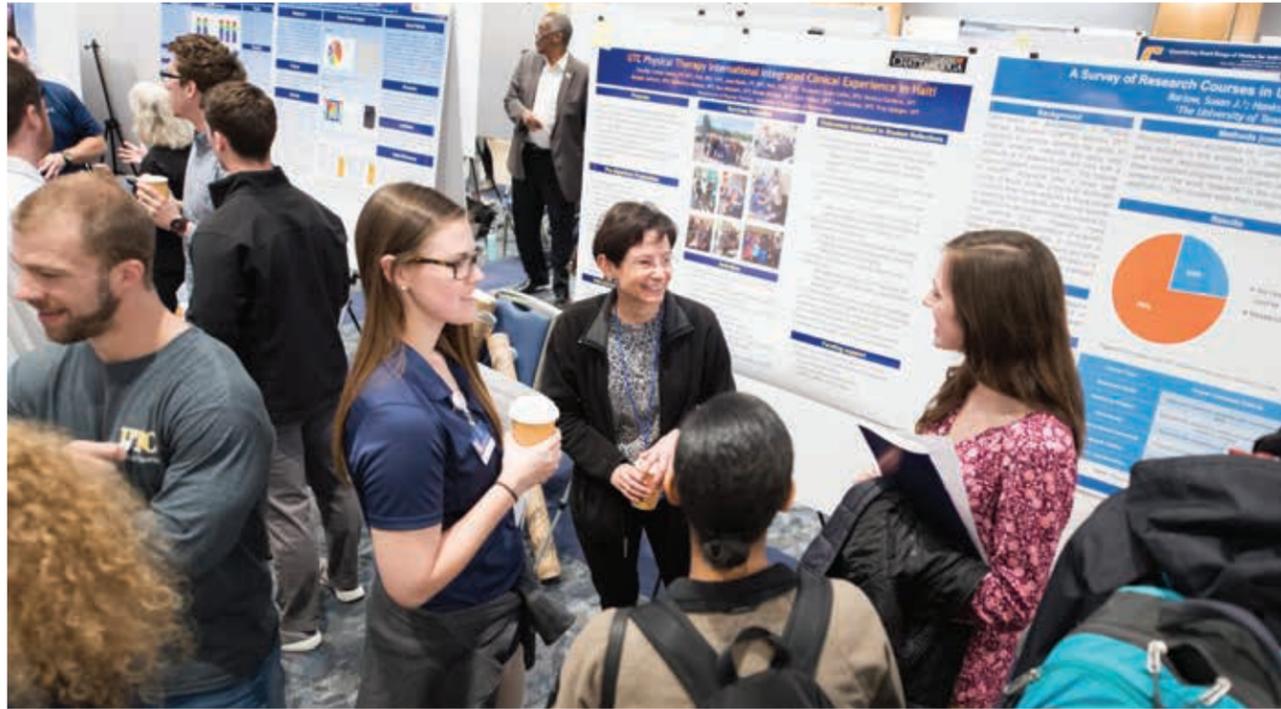
3:00 - 4:30 PM | UNIVERSITY CENTER - LEVEL 2 - AUDITORIUM

presenters:

<b>Stephanie Adams</b>	Art	<i>PARK IT.</i>
<b>Ethan Boyd</b>	Biology, Geology, & Environmental Science	<i>Dogma Dance Off: Charity Through the Celebration of the Local Arts</i>
<b>Haiven Camenisch</b>	Engineering	<i>Endotoxin Bioseparation Technologies for Plasmid DNA Vaccine Manufacturing</i>
<b>Samuel Clark</b>	Engineering	<i>Augmented Reality for Visualizing Civil Infrastructure</i>
<b>Nathan Collyer</b>	Social, Cultural, & Justice Studies	<i>Geography of Chattanooga: Engaging Community with Place Using Story Maps</i>
<b>Nathan Collyer</b>	Social, Cultural, & Justice Studies	<i>The Tale of Two Mountains: Applying a Social-Ecological Systems Framework to Analyze the Conservation Outcomes for Cameron Hill and Stringer’s Ridge</i>
<b>Kyler Eskridge</b>	Engineering	<i>Machine learning to predict transformer failure</i>
<b>Anthony Iorio</b>	Political Science & Public Service	<i>The Role of Congress in Treaty Termination: Examining the Political Considerations Surrounding Goldwater v. Carter and Kucinich v. Bush</i>
<b>Dakila Ledesma</b>	Computer Science & Engineering	<i>VIGOR, A Virtual, Individualized and Generative Orchestrator for Rehabilitation</i>
<b>Steven Sawyer, Patrick Craig</b>	Engineering	<i>Nanomaterial Characterization and Treatment in Urban Stormwater Runoff</i>
<b>William Stuart</b>	Biology, Geology, & Environmental Science	<i>Creating a Detailed Site Map of a Unique Closed Depression on the Cumberland Plateau</i>

judges:

<b>Ms. Twyler Boykin</b>	Program Director, Upward Bound Math Science, The University of Tennessee at Chattanooga
<b>Dr. Richard Brown</b>	Executive Vice Chancellor for Finance and Administration, The University of Tennessee at Chattanooga
<b>Ms. Haley Doss</b>	Venue Manager & Executive Assistant, River City Company
<b>Dr. T.R. Grayson-Eubanks</b>	Infection Prevention Director, Erlanger Health System
<b>Ms. Stacie Grisham</b>	Assistant Vice Chancellor for Student Success, The University of Tennessee at Chattanooga
<b>Mr. Dwayne Marshall</b>	Vice President of Community Investment, Community Foundation of Greater Chattanooga
<b>Dr. Linda Martin</b>	Vice President for Academic Affairs and Student Success, The University of Tennessee, Knoxville
<b>Dr. Abeer Mustafa</b>	Associate Vice Chancellor for Student Affairs & Housing and Residence Life, The University of Tennessee at Chattanooga
<b>Mr. Ted Nelson</b>	Associate Chief Nursing Officer, Erlanger Health System
<b>Dr. Eric Nieme</b>	Assistant Professor, Chattanooga State Community College
<b>Dr. Jorge Pérez</b>	Associate Vice President; Office of Academic Affairs and Student Success, The University of Tennessee, Knoxville
<b>Mr. David Steel</b>	Director of Civic Engagement, The University of Tennessee at Chattanooga



## day 2 - april 10

### schedule

morning					afternoon						
8:00	9:00	10:00	11:00	Noon	1:00	2:00	3:00	4:00	5:00	6:00	7:00
<b>Registration &amp; Information - Tennessee Room Hallway</b>											
Poster & Display Presentations Tennessee Room					Poster & Display Presentations Tennessee Room						
Podium & Panel Presentations Breakout Rooms					Podium & Panel Presentations Breakout Rooms						
			Day Two Luncheon Chattanooga Rooms								
Graduate Student 3 Minute Thesis Competition Auditorium							Faculty Pitch Competition Auditorium				
										Reception Library - 4th Floor	

## day two luncheon

11:00 AM - 12:30 PM | UNIVERSITY CENTER - LEVEL 2 - CHATTANOOGA ROOMS

Mayor Andy Berke *Mayor of Chattanooga*  
 Dr. Joanne Romagni *Vice Chancellor for Research and Dean of the Graduate School*  
 Dr. Steven Angle *Chancellor, The University of Tennessee at Chattanooga*  
 Dr. George Hynd *Interim Provost, The University of Tennessee at Chattanooga*



## morning poster & display presentations

9:00 AM - 11:00 AM | UNIVERSITY CENTER - LEVEL 2 - TENNESSEE ROOM

### ARTS & SCIENCES

William Adair	Stelios Chatzimanolis, PhD	Nyssa Hunt, MS	Zachary Rush
Korede Ajumobi	Hill Craddock, PhD	Taylor Hutson	Jeremy Strickler, PhD
DeAnna Beasley, PhD	Susan Eckelmann, PhD	Lingju Kong, PhD	Riley Tino
Kristen Jennings Black, PhD	Lani Gao, PhD	Andrew Ledoan, PhD	Shawn Trivette, PhD
Richard Blanton	Hannah Gateley	Zach McCoy	Lauren Williams
Brittany Branda	John Graef, PhD	Erin Melhorn, OTD, OTR/L	Chelsea Wymer
Christopher Branson	Francisco Guzman	Charlie Mix	Holland Youngman
Bethany Bray	Jonah Hall	Candace Murphy	Alexandra Zelin, PhD
Celeste Bremmer	Katelyn Hancock	Lisa Nanni	
Rachel Browder	Azad Hossain, PhD	Modupe Omotajo	
		Kaila Rogers	

### BUSINESS

Sakineh Khalili  
Taylor Sawyer  
David Witt, MS, MBA

### ENGINEERING & COMPUTER SCIENCE

Areeg Ahmed	Saroj Khanal	Donald Reising, PhD
Amani Altarawneh	Daniel Loveless, PhD	Katie Rouse
Babatunde Atolagbe	Sai Medury	Jose Stovall
Jejal Reddy Bathi, PhD, PE	Farog Mohamed	Hector Suarez
Ahmed Eltayeb	Maxwell Omwenga	Syed Mohammed Tareq
Austin Harris	Bharat Patel	Connor Woods
Ahmed Ibrahim	Mitch Prewitt	Chen Xu

### HEALTH, EDUCATION & PROFESSIONAL STUDIES

Tyler Albright	Aleise Cline	Lisa Harrison	Abby Morehead
Jerin Alexander	Makayla Colbert	Brittany Haskell	Colleen Moss
Jennifer Archer	Sandy Cole, MS, EdS	Sarah Hathcock	Kayla Norman
Micaela Bailey	Anna Cornett	Shelly Heemstra	Jordan Norris
Joan Bang	Kathleen Craig	Shannon Hendrix	Amy Jo Perry
Hensley Barnes	Ryan Crane	Jenny Holcombe, PhD	Ethan Perry
Perry Barnhill	Mary Crutchfield	Lynsey Hughston	Rosebelle Peters
Olivia Batchelor	Elicia Cruz, PhD, OT/L	Eric Hungenberg, PhD	Karys Rigtrup
Brooke Bates	Kendra Dunan	Garrett Jackson	Monique Rivers
Adria Bautista	Amanda Durall, MPH	Joanie Jackson, DNP, FNP-BC	Amber Roache, DNP, FNP-BC
Amanda Benjamin	Elizabeth Dyer	Valerie Jensen	Katey Rodgers
Lacie Black	Lauren Easter	Rolla Jibrin	Philip Sanders
Mary Jo Blanton, MSN, FNP-BC	Jennifer Ellis, PhD	Sydney Joseph	John Spillman
Nicholas Boér, PhD	Brooke Epperson	Alyssa Johnson	Lisa Stearns
Lauren Brakebill	Brianna Ewin	Quentin Johnson	Ansley Stringfield
Ronnie Bridges	Ashley Ferguson	Farrah Kilburn, MA	Christy Stubblefield
Mason Briles	Edien Fernandini	Sally Langager	Morgan Swafford
Kristi Brown	Tyler Forrest	Lee Anne LaPlue	Bailey Sykes
Mackenzie Brown	Sandra French	Garrett Leshner	Maggie Thomas
Pamela Camp, MSN, FNP-C	Kaylee Gardner	Hayley Lumpkin	Kristina Wick
Ashleigh Cates	Drew Getner	Mallory Maddox	Tabitha Williams
Jenna Cecil	Roksolana Gnyda	Lauren Manzo	Lauren Yeager
Madelyn Chadwell	Kenneth Grubbs	Rick Mattson	
	Susan Hammond	Emily McLemore	
	Whitney Hardin		

## afternoon poster & display presentations

1:00 PM - 3:00 PM | UNIVERSITY CENTER - LEVEL 2 - TENNESSEE ROOM

### ARTS & SCIENCES

Korede Ajumobi	Amber Doolittle	Kevin Hon	Kaila Rogers
Bethany Bray	Susan Eckelmann, PhD	Nyssa Hunt, MS	Aruna Saram, MBA, MS
Alex Britt	Lydia Fogo Johnson	Carmen Jimenez, PhD	Megon Stepaniuk
Amy Brock-Hon, PhD	James Fulks	Shannon McCarragher, PhD	Erin Taylor
Ann Bugghey, MFA	Kathryn Graeff	Meg Miller	Thuy Truong
Amanda Clark, PhD	Ashley Grillo	Charlie Mix	Thomas Vorwerk
Michael Corley	Sumith Gunasekera, PhD	Brian O'Leary, PhD	Amanda Warner
Hill Craddock, PhD	Katelyn Hancock	Tyler Perry	Lakmali Weerasena, PhD
Kelly Daniels	Jade Harry	Abigail Rogers	Collin Wilbanks
Trent Deason			

### BUSINESS

Connor Barnett  
McKenna Blevins  
Hunter Holzhauser, PhD  
Kyle Smith  
Casey Szatkowski  
Ben Trussel  
Maddie Wade  
Stephen Zurlo

### ENGINEERING & COMPUTER SCIENCE

Amani Altarawneh	Saroj Khanal	Austin Sims
Ryan Boggs	Justin Marek	Ha Vo
Justin Clark	Sai Medury	Shailesh Wasti
Haobo Guo, PhD	Bharat Patel	Peter Way
Nisarg Hansaliya	Mitesh Patel	Ruipeng Zhang
Brennan Huber	Hong Qin, PhD	
Hana Karrar	Jeremiah Roland	

### HEALTH, EDUCATION & PROFESSIONAL STUDIES

Andrew Bailey, PhD	Taylor Hayden	Jessica McCabe, SPT	Faith Rose
Victoria Bailey, SPT	Shewanee Howard-Baptiste, PhD	Susan McDonald, PhD	Rebecca Salstrand
Christina Bozarth SPT	Debbie Ingram, PT, EdD, FAPTA	Kaitlyn McLaughlin	Cheryl Self
Mia I. Faragalli	Mary Jackson	Joyce McPherson	Ashley Simmons
Cassidy Flowers	Sydney Joseph	Kurtisha Norris	Deroneasha Smartt
McKenzie Gregg	Jacquelyn Johnson	Grace O'Day	Catherine Smith, PT, PhD, DPT, PCS, CNT
Kori J. Hahn	Maegan Keller	Patti O'Shea	Linsey Sutton
Kara Hamilton, PhD	David Levine, PhD	Jace Phillips, SPT	Morgan Swafford
Alexandra Hansen	Kristin Long	Melissa C. Powell	Kaitlyn Zelhart, SPT
Gracie Harvey	Elizabeth Masengil	Nicole Reeves	
Elizabeth Hathaway, PhD		Kimberly Reid	
		Meghan Robinson	

# podium & panel presentations

UNIVERSITY CENTER - LEVEL 2 - FOUNDATION ROOM

morning session - 9:00 AM - 11:00 AM

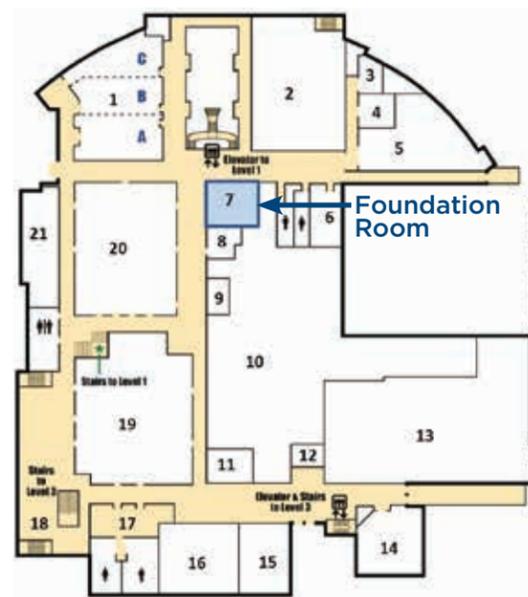
**Shewanee Howard-Baptiste, PhD, Moderator**

9:15 - 9:30 am	<i>Active Learning in the Humanities: A Study of Shakespeare Pedagogy with Secondary Students</i>	<b>Joyce McPherson</b>
9:30 - 9:45 am	<i>Seeing you from your point of view: Perspective-taking and first impression accuracy</i>	<b>Kathryn Graeff</b>
9:45 - 10:00 am	<i>Identifying Success Patterns within Students to Predict College and Career Readiness</i>	<b>Timothy Barczak</b>
10:00 - 10:15 am	<i>Defining Authoritarianism in America: Why Philosophy Matters</i>	<b>Jesse Leslie</b>
10:15 - 10:30 am	<i>Speculation and Wheat</i>	<b>Joshua Lawson</b>

afternoon session - 1:00 PM - 3:00 PM

**Brad Harris, PhD, Moderator**

1:15 - 1:30 pm	<i>Identification of Elite Athletes with Perception-Action Coupling Impairment</i>	<b>Gary Wilkerson, EdD, ATC</b>
1:30 - 1:45 pm	<i>Hybrids, Multimodals, and the Space of Composition</i>	<b>Jeannie Parker Beard, PhD</b>
1:45 - 2:00 pm	<i>Depression Since Prozac: Finding the True Self</i>	<b>Russell Helms, MPH/MFA</b>
2:00 - 2:15 pm	<i>Assessing Residents' Satisfaction with Housing and Community Environments in the Neighborhoods of Chattanooga</i>	<b>Eun Kim, PhD, LEED AP</b>
2:15 - 2:30 pm	<i>Urban Electric Vehicle Charging Markets: Computational Modeling and Optimal Design</i>	<b>Vahid Disfani, PhD</b>



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 2 - RACCOON ROOM

morning session - 9:00 AM - 11:00 AM

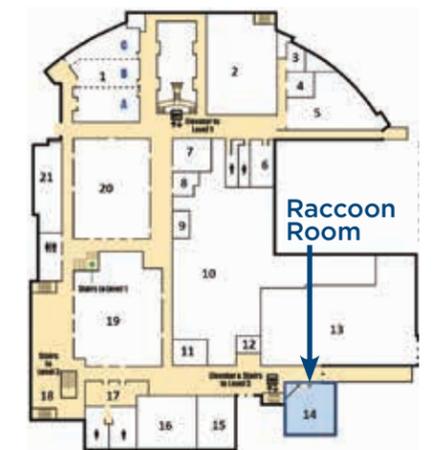
**Fernando Alda, PhD, Moderator**

9:15 - 9:30 am	<i>Effective Hyperbolic Strain-Softened Shear Modulus for Driven Piles in Clay</i>	<b>Don Warrington, PhD, PE</b>
9:30 - 9:45 am	<i>Identification of Shared Professional Values in the Profession of Athletic Training</i>	<b>Marisa Colston, PhD, ATC</b>
9:30 - 9:45 am	<i>Simulation of airflow through dense urban neighborhoods</i>	<b>Kidambi Sreenivas, PhD</b>
10:00 - 10:15 am	<i>Residency and Remix: Developing a new body of work</i>	<b>Katie Hargrave, MFA</b>
10:15 - 10:30 am	<i>Network-based association study of protein sets</i>	<b>Haobo Guo, PhD</b>
10:30 - 10:45 am	<i>Improvement Science applied to Doctor of Nursing Practice Education- the role of FOCUS-PDCA in continuous program improvement</i>	<b>Susan Thul, DNP, APRN, CNM, Joanie Jackson, DNP, APRN, FNP-BC, Bernadette DePrez, DNP, MBA, RN</b>

afternoon session - 1:00 PM - 3:00 PM

**Greg O'Dea, PhD, Moderator**

1:00 - 1:30 pm	<i>The Craft of Creative Writing</i>	<b>Jacqueline Scott, Elizabeth Benn, Jared Steiman, Shannon Sweeney, and Faith Roberts</b>
1:30 - 1:45 pm	<i>Break</i>	
1:45 - 2:15 pm	<i>A View from the Trenches: Commemorating the Centennial of WWI</i>	<b>Jonathan McNair, DMA, Alison Allerton, DMA, Susan Eckelmann Berghel, PhD, Joanie Jackson, DNP, APRN, FNP-BC, Edwin Murillo, PhD, Aaron Shaheen, PhD, Jeremy Strickler, PhD</b>
2:30 - 3:00 pm	<i>Perspectives on Metropolitan Government in Chattanooga</i>	<b>Chris Acuff, PhD, Michael Boehm, Hope Cody, Jim Frierson, Mallory Treece</b>



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - HERITAGE ROOM

morning session - 9:00 AM - 11:00 AM

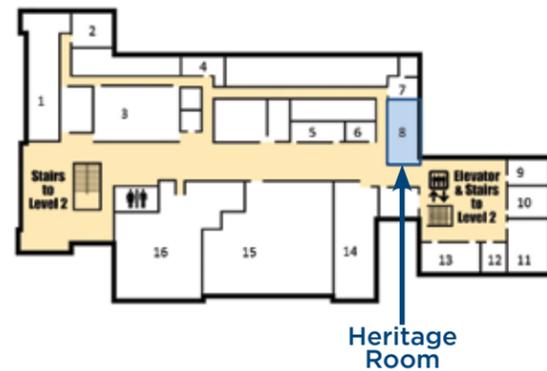
**Daniel Loveless, PhD, Moderator**

9:15 - 9:30 am	<i>"Born digital," addressing the challenges of a field-to-database workflow for collections based research</i>	<b>Caleb Powell</b>
9:30 - 9:45 am	<i>In situ conservation physiology of the rare white fringeless orchid</i>	<b>Savanna Wooten</b>
9:45 - 10:00 am	<i>Registration and course selection processes of entering freshmen and the effects on academic success and retention at a midsize public university</i>	<b>Laura Bass</b>
10:00 - 10:15 am	<i>Algebraic Connectivity Tracking for a Network of Unmanned Aerial Vehicles</i>	<b>James Trimble</b>
10:15 - 10:30 am	<i>Lost in Translation: Providing Therapeutic Services to Transgendering Victims of Sexual Violence.</i>	<b>Nikki Brown, Nikole Green, Jaime Butler</b>
10:30 - 10:45 am	<i>Decision Supporting Hydrodynamic Modeling of Tennessee River</i>	<b>Shuvashish Roy</b>

afternoon session - 1:00 PM - 3:00 PM

**Elise Chapman, Moderator**

1:15 - 1:30 pm	<i>Concealment of Nonreligious Identity: Scale Construction and Validation</i>	<b>Cameron Mackey</b>
1:30 - 1:45 pm	<i>A cholera transmission model incorporating the impact of medical resource</i>	<b>Chayu Yang</b>
1:45 - 2:00 pm	<i>Scrybe: A blockchain based secure provenance system</i>	<b>Sai Medury, Amani Altarawneh</b>



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - CHICKAMAUGA ROOM

afternoon session - 1:00 PM - 3:00 PM

**MOCS I<sup>3</sup> Planning Committee: Jenny Holcombe, PhD, Emily Thompson, MSI, Chapel Cowden, MSIS, Shawn Trivette, PhD, & DeAnna Beasley, PhD**

<i>PT students volunteering with Ironman Foundation</i>	<b>Betsy Myers, PT, DHS, MHS, MPT, OCS, CWS, CLT</b>
<i>Assessing Bacterial Colonization</i>	<b>Henry "Rardy" Spratt, PhD &amp; David Levine, PT, PhD, DPT, OCS, CCRP, Cert. DN, FAPTA</b>
<i>Scrappy's Keyboards@The Library</i>	<b>Niky Tejero, DMA</b>
<i>Making Knowledge Accessible: Nerd Night Chattanooga</i>	<b>Divori Kimbro, PhD</b>
<i>Chronic Disease Self-Management Program</i>	<b>Liz Hathaway, PhD</b>
<i>Balance Matters program in the Community</i>	<b>Erin Melhorn, OTD, OTR/L</b>
<i>The Bloom Project</i>	<b>Susan Davidson, EdD, APRN, NP-C &amp; Robyn Tobias, MSN, APRN, NP-C</b>
<i>Testing the citizen-centric model: What multi-stakeholder engagement can illuminate about developing smart(er) city initiatives</i>	<b>Chandra Ward, PhD</b>
<i>UTC School of Nursing Community Engagement Activities</i>	<b>Farron Kilburn, MA</b>
<i>After school nutrition and physical activity program</i>	<b>Kara Hamilton, PhD, Melissa Powell, MEd, RD, Shewanee Howard-Baptiste, PhD, Melissa Graham, Carline Nord, PhD, Enjelica Reid, Ryan McCollough, &amp; E'tienne Easley</b>
<i>A community-university partnership to expand and evaluate a youth soccer program in Chattanooga</i>	<b>Karissa Peyer, PhD</b>
<i>If you just build it, they probably won't come: Steps to engaging community sectors in healthy urban planning</i>	<b>Greg Heath, DHSc, MPH, Eric Asboe, &amp; David Johnson</b>
<i>Q&amp;A</i>	



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - SIGNAL MOUNTAIN ROOM

morning session - 9:00 AM - 11:00 AM

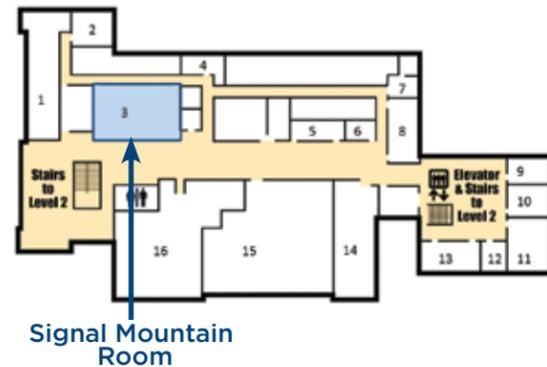
9:30 - 10:00 am *Leveraging research, creative endeavors, and experiential learning to rise above the norm: A panel discussion about developing true career readiness*

**Christopher Cunningham, PhD, Rob Liddell, PhD, Danny Grzesik, MEd**

afternoon session - 1:00 PM - 3:00 PM

1:30 - 3:00 pm *UTRF and Technology Transfer at UT with UTRF Licensing Associate Nghia Chiem, PhD*

3:30 - 4:30 pm *Fulbright Scholar Program Information Session*



# podium & panel presentations

UNIVERSITY CENTER - LEVEL 3 - RIVERBEND ROOM

morning session - 9:00 AM - 11:00 AM

**Joe Wilferth, PhD, Moderator**

9:15 - 9:30 am *Painting as Vibrant Matter*

**Ron Buffington, MFA**

9:30 - 9:45 am *Havana: Behind the Façade*

**Dana Moody, PhD**

9:45 - 10:00 am *Growing Up in a Polyamorous Family: Emerging Findings from a Longitudinal Study*

**Elisabeth Sheff-Stefanik, PhD, CSE**

10:00 - 10:15 am *The Development and Implementation of a Domestic Violence Nurse Examiner Program*

**Priscilla Simmons Roberson, DNP, NP-C, SANE-A**

10:15 - 10:30 am *Sacred Defense: The Iranian Revolutionary Guards and the Iran-Iraq War*

**Annie Tracy Samuel, PhD**

afternoon session - 1:00 PM - 3:00 PM

**Ignatius Fomunung, PhD, Moderator**

1:15 - 1:30 pm *Exact Inference of the Youden Index and its Corresponding Cut-Point Under the Multivariate ROC Curve*

**Aruna Saram, MBA, MS**

1:30 - 1:45 pm *Robust Optimization of Linear Optimization Problems and an Approximation Approach to Solve Robust Knapsack Problem*

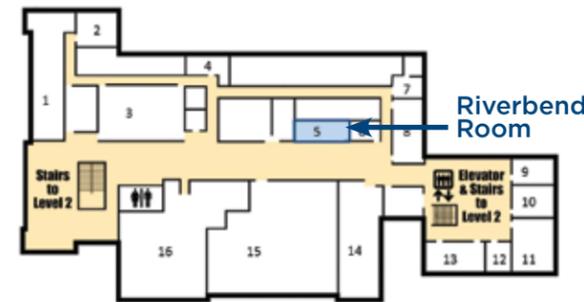
**Blake Smith**

1:45 - 2:00 pm *Performance Portability - A comparison between OpenMP, CUDA and Kokkos*

**Chang Phuong, Noman Saied**

2:00 - 2:15 pm *Exact inference for the Youden index to discriminate individuals using two-parameter exponentially distributed pooled samples.*

**Sumith Gunasekera, PhD**



## Join us on Day 2 of Research Dialogues 2019 for a discussion on UTRF & TECHNOLOGY TRANSFER AT UT

The University of Tennessee Research Foundation (UTRF) will host an informational session at UTC's Research Dialogues 2019 to discuss an overview of UTRF services and the technology transfer process at UT. You will have the opportunity to ask questions and learn more about how the process works.

UTC University Center, Signal Mountain Room  
1:30 PM - 3:00 PM

- Discussion Topics Include:**
- Overview of UTRF
  - Intellectual Property
  - The Technology Transfer Process at UT
  - Invention Disclosure Enterprise Application
  - Resources for Researchers & Entrepreneurs

*The University of Tennessee Research Foundation is a non-profit 501(c)(3) organization responsible for the commercialization of intellectual property developed at the University of Tennessee. UTRF seeks partnerships with corporations, entrepreneurs, and investors to move innovations from the lab to the marketplace.*

For more information please contact UTRF at [utrff.tennessee.edu](http://utrff.tennessee.edu) • 865-974-1882 • [utrff@tennessee.edu](mailto:utrff@tennessee.edu)



# graduate student 3 minute thesis competition

9:00 AM - 11:00 PM | UNIVERSITY CENTER - LEVEL 2 - AUDITORIUM

## presenters:

<b>Courtney Alley</b>	Biology, Geology, & Environmental Science	<i>A Reevaluation of Tennessee Non-Native Plant Species Using Online Herbarium Specimen Data to Develop Species Distribution Models</i>
<b>Morgan Andrews</b>	Psychology	<i>Perceptions of Juvenile Confessions</i>
<b>Mehran Ghafari</b>	College of Engineering and Computer Science	<i>Computational Method for Monitoring Cell Division</i>
<b>Nisarg Hansaliya</b>	Mechanical Engineering	<i>Effects of Optically-Transparent Thermally Insulated Silica Based Aerogel in a Solar Thermal Receiver</i>
<b>Sarah Kelehear</b>	Biology, Geology, & Environmental Science	<i>All the things we don't know about the four-toed: modeling the distribution of a cryptic, habitat-specific, salamander</i>
<b>Daniel Mailman</b>	College of Engineering and Computer Science	<i>Air Piano &amp; Stage Genies: An Engaging, Compelling Computer Science Curriculum</i>
<b>Sai Medury</b>	College of Engineering and Computer Science	<i>Secure Certificate Revocation as a Peer Service</i>
<b>Tyler Perry</b>	College of Health, Education, and Professional Studies	<i>Crossed and Uncrossed Visuomotor Reaction Time Training</i>
<b>Erin Taylor</b>	Biology, Geology, & Environmental Science	<i>Spatial Habitat Modeling of American Chestnut (<i>Castanea dentata</i>) and Distribution in the Southeast United States</i>
<b>Aaron Wilson</b>	College of Engineering and Computer Science	<i>Automatic Classification of Electrical Disturbances</i>

## judges:

<b>Dr. Adera Causey</b>	Curator of Education, Hunter Museum, Chattanooga
<b>Ms. Jennifer Crutchfield</b>	Director of Public Relations & Community Engagement, WTCI
<b>Mr. Marc Holcomb</b>	Program Coordinator, Career Services, The University of Tennessee at Chattanooga
<b>Dr. Jan Keys</b>	Senior Vice President and Chief Nurse Executive, Erlanger Health System
<b>Dr. Theresa Liedtka</b>	Dean of the Library, The University of Tennessee at Chattanooga
<b>Ms. Kristina McClure</b>	Project Specialist, Upward Bound Math Science PRISM, The University of Tennessee at Chattanooga
<b>Ms. Melanie Ribaric</b>	High Impact Practices Specialist, Chattanooga State Community College
<b>Mr. Andrew Rogers</b>	Director of Research and Applications Strategy, The Enterprise Center
<b>Mr. Stephen Rumbaugh</b>	Creative Services Director in the Office of Communications & Marketing, The University of Tennessee at Chattanooga
<b>Ms. Valara Sample</b>	Director of Housing and Residence Life, The University of Tennessee at Chattanooga
<b>Dr. Donna Seagle</b>	Associate Professor/Director, Faculty Instruction & Professional Development, Chattanooga State Community College
<b>Ms. Rebecca Suttles</b>	Director of Scholarships Community Foundation of Greater Chattanooga

# faculty pitch competition

3:00 - 4:30 PM | UNIVERSITY CENTER - LEVEL 2 - AUDITORIUM

## presenters:

<b>Fernando Alda, PhD</b>	Biology, Geology, & Environmental Science	<i>These fishes will shock you!</i>
<b>Jessica Auchter, PhD</b>	Political Science & Public Service	<i>Peacebuilding and Memorialization in Nairobi, Kenya</i>
<b>Christopher Cunningham, PhD</b>	Psychology	<i>Finding and sustaining motivation and a sense of meaning in medicine</i>
<b>Kevin Doyle PhD, LPC, NCC</b>	School of Professional Studies	<i>Building Motivation: The Key to Sustainable Change</i>
<b>Sumith Gunasekera, PhD</b>	Mathematics	<i>Mathematics and Statistics - Who is the Winner?</i>
<b>Jeannie Hacker-Cerulean, MA</b>	Performing Arts	<i>Arts Advocacy</i>
<b>Azad Hossain, PhD</b>	Biology, Geology, & Environmental Science	<i>Developing a Model to Map the Potential Areas for Landslide Hazards in Hamilton County, TN using GIS and Remote Sensing</i>
<b>Andrew O'Brien, MFA</b>	Art	<i>Drift Alignment: Artist Book Proposal</i>
<b>Lakmali Weerasena, PhD</b>	Mathematics	<i>Mathematical Modeling and Conservation Biology</i>
<b>Olivia Wolf, PhD</b>	Art	<i>South-South Dialogues in the Arts</i>
<b>Sungwoo Yang, PhD</b>	Civil & Chemical Engineering	<i>Air Glass for Solar Energy Harvesting and Smart Building</i>

## judges:

<b>Ms. Jennifer Andrews</b>	Program & Engagement Manager, Chattanooga 2.0
<b>Ms. Stefanie Crowe</b>	Director of Wealth, Knowledge & Happiness, Stone Bridge Asset Management
<b>Dr. William Crowe</b>	Assistant Vice President, Erlanger Health System
<b>Dr. Karen Brinkley Etzkorn</b>	Research and Special Projects Manager, The University of Tennessee, Knoxville, Office of Academic Affairs and Student Success
<b>Mr. Ken Hays</b>	President and Chief Executive, The Enterprise Center
<b>Dr. Irene Loomis</b>	Professor of Mathematics (Retired), The University of Tennessee at Chattanooga
<b>Ms. Kristina McClure</b>	Clinical Administrator, Children's Hospital at Erlanger
<b>Ms. Kristina Montague</b>	Managing Partner, JumpFund
<b>Ms. Leslie Phelps</b>	Clinical Administrator, Children's Hospital at Erlanger
<b>Ms. Robin Posey</b>	Director of Community Impact, Community Foundation of Chattanooga
<b>Ms. Jennifer Skjellum</b>	Director of Programs, The Company Lab
<b>Mr. Tony Young</b>	Executive Director, Chambliss, Bahner & Stophel, P.C.

# conference closing reception

5:00 - 7:00 PM | 4TH FLOOR - UTC LIBRARY

### The UTC Clarinet Ensemble

- Nikolasa Tejero** UTC Associate Professor and Clarinetist, Bb clarinet
- Wanda Dugger** Bb clarinet
- Kyle Patton** Bb clarinet
- Diego de Cordova** Bass clarinet



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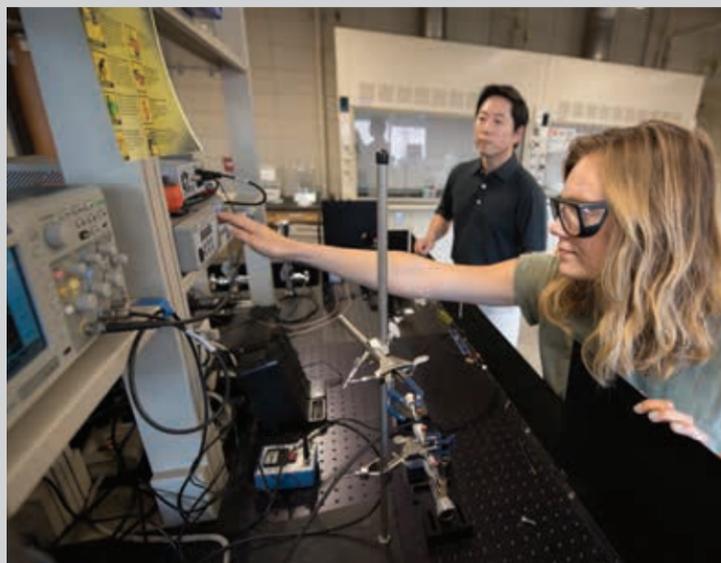
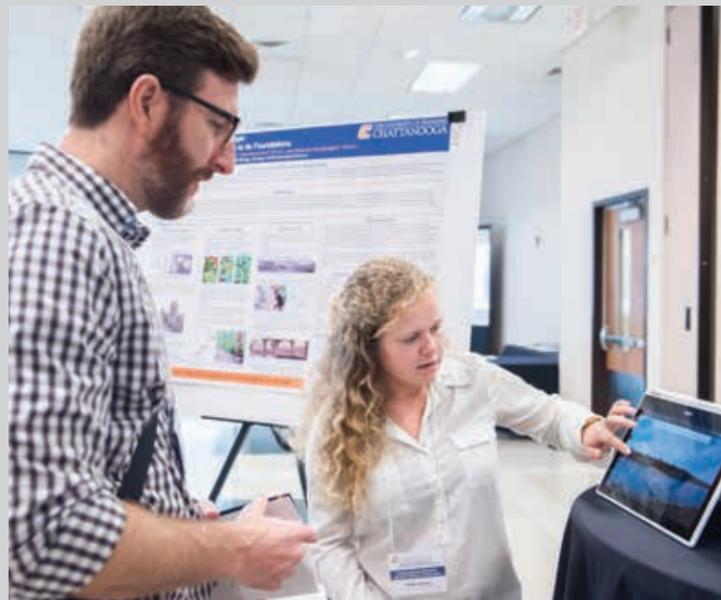
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 Monday - Friday  
 8 a.m. - 5 p.m.  
 (423) 425 - 5569



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 by Appointment

# RESEARCH DIALOGUES 2019

## ACKNOWLEDGMENTS

### Conference Moderators

Fernando Alda, PhD  
 Jennifer Boyd, PhD  
 Victoria Bryan, PhD  
 Elise Chapman  
 Amanda Clark, PhD  
 Ignatius Fomunung  
 Linda Frost, PhD  
 Natalie Haber, MLS  
 Brad Harris, PhD  
 Shewanee Howard-Baptiste, PhD  
 Kristen Knopick, MA  
 Daniel Loveless, PhD  
 Greg O'Dea, PhD  
 Karissa Peyer, PhD  
 Gretchen Potts, PhD  
 Emily Thompson  
 Talia Welsh, PhD  
 Joe Wilferth, PhD

### Conference Volunteers

Mubrra Amir  
 Shellie Acocello, PhD, ATC  
 Nominanda Barbosa, MS  
 Terri Bearbower  
 Hailey Beaver  
 Holley Beeland  
 Jean Betters  
 Bianca Bradshaw  
 Celeste Bremmer  
 Alex Britt  
 Laura Bass, MA  
 Laura Cagle, MBA  
 Amy Campbell  
 Ethan Carver, PhD  
 Kelsey Cate  
 Elise Chapman  
 Brady Coleman  
 JoRya Cornett  
 Todd Doman  
 Aishani Eggenberger  
 Ashley Ferrell  
 John "Jason" Francis  
 Danny Grzesik, MEd  
 Susan Gutshall

Virginia Heaton  
 John Hubbard  
 Adelaide Huffman  
 Angie Johnson  
 Bailey Kirby, MA  
 Linsey Klein  
 Jesse Leslie  
 Alexa McClellan  
 Kelly McNamara, PhD  
 Connor McPherson  
 Lindsay Pardue  
 Meredith Perry  
 Brittany Richardson, MLIS  
 Erin Robinson  
 Megan Rogers  
 Kim Sapp  
 Nur Sisworahardjo, PhD  
 Sam Stanley  
 Chloe Tino  
 Baley Whary  
 Megan Williams  
 Tracey Woodbury  
 Chelsea Wymer

### Research Dialogues Planning Team

Korede Ajumobi  
 Terri Bearbower  
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 Amy Campbell  
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 Todd Doman  
 Heather Henderson  
 Sloane Logan  
 Emily Nixon  
 Meredith Perry  
 Lisa Piazza, PhD  
 Joanne Romagni, PhD  
 Becca Tolfa  
 Tracey Woodbury

Michael Andrews and Jacob Cagle, *Communications and Marketing Video Production*  
 Mary Buchholz, student artist  
 Lynnitra Dunton, Courtney Hertle-Green, and the Aramark Team  
 Angela Foster, *University Photographer, Communications and Marketing*  
 Aaron Grisham, Maurice Dorsey, and the University Center Staff  
 Stephen Rumbaugh, *Communications and Marketing Creative Services Director*  
 Shawn Ryan, *Communications and Marketing Executive Staff Writer*  
 Sarah Worthington, *Communications and Marketing Social Media Coordinator*

Thank You

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