

2022 Research Symposium Full Schedule

8:00am Breakfast and coffee available

8:15am Welcome from the Symposium organizers, Dani Herro (Digital Media and Learning) and Chris Saski (Plant and Environmental Sciences)

8:30am Research Update and Clemson Strategic Planning Forum (Dr. Tanju Karanfil, Provost Dr. Bob Jones)

9:30am Refreshment Break

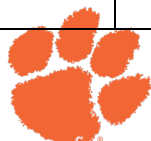
9:45-11:00am Plenary Session: The Future of Research and Scholarship in a Changing Climate

WFIC Auditorium
Ashok Mishra, Glenn Department of Civil Engineering, CECAS
Susan Duckett, Department of Animal and Veterinary Sciences, CAFLS
Scott Templeton, Department of Economics, Business
Rachel Wagner, Department of Educational and Organizational Leadership Development, Education
Matthew Koski, Department of Biological Sciences, Science
Aby Sène-Harper, Department of Parks, Recreation and Tourism Management, CBSHS
Angela Naimou, Department of English, CAAH
Jessica Serrao, Libraries

11:15-12:15pm Session 1

Poster Presentations:

WFIC 218	WFIC Auditorium	WFIC 203	WFIC 106	WFIC 208
Chair: Brian Powell	Chair: Andrew Metcalf	Chair: Chris Saski	Chair: Dani Herro	Chair: Erin Goss
Gary Machlis (Forestry and Environmental Conservation), <i>A Framework for Research on Recurrent Acute Disasters</i>	Adolph Beyerlein (Chemistry), <i>Stability of Magnetic Skyrmions as Candidates for Dense Information Storage Devices</i>	Jose Payero (Agricultural Sciences), <i>Measuring Crop Evapotranspiration Using the Eddy Covariance and Surface Renewal methods in South Carolina</i>	Poster Session #1:	Poster Session #2:
Brian Powell (Environmental Engineering and Earth Sciences), <i>Large rainfall events cause pulsed release of trace metal and radionuclide contaminants from riparian wetlands</i>	Carl Blue (Graphic Communications), <i>Computer-to-screen application using an inkjet printer to apply a printed stencil directly to the mesh as a hybrid screen-printing process</i>	Sachin Rustgi (Plant and Environmental Sciences), <i>Facing the fear of accidental peanut exposure with reduced-immunogenicity peanuts</i>	Alexander Adogwa	Longxiang Guo
Andrew Brown (School of			Allison Traylor (virtual)	Lu Zhang (virtual)
			Anna Morrison	Maher Algalayini
			Cristina Tica	Omar Hussein
			Daniel Moore	Prasanna Valavanur Shekar
			Deepak Sapkota	Pravin Nath
			Delaney O'Tuel	Reagan Ross
			Emily Howell	Rohan Goli (digital)
			Ewa (Richard) Chukwu	Salman Naveed
			Junior Langa	Samantha Scott
			Leah Holcomb	William T. Pennington
				Zehua Jin



Division of

RESEARCH

Mathematical and Statistical Sciences), <i>Functional Calibration of Computer Models</i>	Andrew Metcalf (Environmental Engineering and Earth Sciences), <i>Using Microfluidics to Create Devices for Future Research</i>			
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12:15-12:45 Lunch

12:45-1:45pm Remarks from President Clements and VPR Awards Ceremony

1:45pm Grad 3-Minute Thesis Presentations

WFIC Auditorium:
1. Sarah Donaher
2. Yinlin Dai

2:00-3:15 Session 2

Full Panels:

WFIC 218	WFIC 106	WFIC 208	Virtual	Virtual
Chair: Dani Herro	Chair: Thomas Britt	Chair: Jeremy King	Chair: Berrin Terim	Chair: Puskar Khanal
<p>Golnaz Arastoopour Irgens (Education and Human Development), <i>Designing Critical Machine Learning Educational Programs with and for Children</i></p> <p>Dani Herro (Education and Human Development), <i>Pathways for their Futures: Engaging Rural Elementary Students in Authentic Data Science Practices</i></p> <p>Shanna Hirsch (Education and Human Development), <i>Innovations in Teaching Critical Content to Undergraduate Teacher Candidates</i></p> <p>Joseph Ryan (Education and Human Development), <i>Recognizing the Benefits and Versatility of Single Case Research Design for Interdisciplinary Research</i></p>	<p>CUSHR Health Research: A Focus on Innovation in Addiction and Substance Use Disorders</p> <p>Mary Ellen Wright (Nursing)</p> <p>Brian Miller (Sociology)</p> <p>Corrine Sackett (Education and Development)</p> <p>Kaileigh Byrne (Psychology)</p> <p>Moonseoung Heo (Public Health Sciences)</p>	<p>Academic Analytics' Faculty Insight and External Discovery Site tools (roundtable)</p> <p>Jeremy King (Clemson U)</p> <p>Julie Wilson (Academic Analytics)</p> <p>Beth Falwell (Academic Analytics)</p>	<p>Architecture, Society and the City (roundtable)</p> <p>Berrin Terim (School of Architecture)</p> <p>David Franco (School of Architecture)</p> <p>Peter Laurence (School of Architecture)</p> <p>Andreea Mihalache (School of Architecture)</p> <p>Ufuk Ersoy (School of Architecture)</p>	<p>Climate Smart Forestry & Artificial Intelligence (lightning talks & seminar)</p> <p>Geoff Wang, Forestry & Environmental Conservation</p> <p>Puskar Khanal, Forestry & Environmental Conservation</p> <p>Feng Luo, School of Computer Science</p> <p>Venkat N. Krovi, International Center for Automotive Research</p> <p>Matthew Browning,</p>

	Irene Pericot (Public Health Sciences)		Amy Trick (School of Architecture)	College of Behavioral, Social and Health Sciences Whitney K. Huang, School of Mathematical and Statistical Sciences
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3:15pm Afternoon Break

3:30-5:00pm Session 3

<u>WFIC 106</u> <u>Chair: Erin Goss</u>	<u>WFIC Auditorium</u> <u>Chair: Zhicheng Dou</u>	<u>WFIC 208</u> <u>Chair: Emily Howell</u>	<u>Virtual</u> <u>Chair: Steve Creager</u>	<u>Virtual Session</u> <u>Chair: Cameron Bushnell</u>
<p>Seth McKelvey (English), <i>Analyzing Narrative Voices in Fiction with Computer Help</i></p> <p>Hudson Smith (Watt Family Innovation Center), <i>In-the-wild detection of coordinated social media accounts using message narratives and account characteristics</i></p> <p>Eric Touya (Languages), <i>French laïcité: Feminisms, Cross-Cultures, and the Common Good</i> (virtual presentation)</p> <p>Kendra Allison (School of Nursing), <i>Adolescent mental health assessment in primary care settings of Appalachia, South Carolina to include sexting frequency and depression indices</i></p>	<p>Microbial Pathogenesis and Resistance (seminar & lightning talks)</p> <p>Zhicheng Dou, BioSci</p> <p>Emily Rosowski, BioSci</p> <p>Anna Seekatz, BioSci</p> <p>Lior Rennert, Public Health Sciences</p> <p>Lukasz Kozubowski, G&B</p> <p>James Morris, G&B</p> <p>Daniel Whitehead, Chemistry</p>	<p>Future of Learning</p> <p>Emily Howell (Education and Human Development)</p> <p>Rachel Wagner (Higher Education and Student Affairs)</p> <p>Golnaz Irgens (Learning Sciences)</p>	<p>Full panel: Electrical Energy Storage (5-10 minute papers)</p> <p>Steve Creager Chemistry</p> <p>Apparao Rao, Physics</p> <p>Srikanth Pilla, Automotive Engineering</p> <p>Jeff Zhang, Automotive Engineering</p> <p>Mark Roberts, Chem & biomolecular Engineering</p> <p>Dillip Panda, Materials Science</p> <p>Morteza Sabet, Automotive Engineering</p>	<p>Full panel: Communication Across the Curriculum</p> <p>Karen High Engineering and Science Education</p> <p>Carl Blue, Graphic Communications,</p> <p>Shanna Hirsch, Education and Human Development</p> <p>Lesly Temesvari, Biological Sciences</p> <p>Lea Jenkins, Mathematics and Statistical Sciences</p> <p>Cameron Bushnell, Pearce Center/English, Moderator</p>

5:00-6:00pm Social Hour