

HFES

REGIONAL MEETING

CENTRAL

Join us Friday! April 17, 2026

University of Cincinnati's 1819 Innovation Hub
2900 Reading Road
Cincinnati, OH 45206

Registration Open Until Wednesday,
4/16/26 at 11:59pm:

<https://tinyurl.com/RegMW2026>



Interested in presenting a poster?
We've got space! Submit here:

<https://tinyurl.com/MWregion2026>



Agenda (all times are EST)

8:45am-9:15am	Registration, networking, light breakfast/coffee/tea	
9:15am-9:40am	Welcome and thoughts for the day - "What We Do Matters" - Susan and Kermit	
9:40am-10:05am	Denny Yu, PhD Purdue University	Human factors in surgery: Impact of Biobehavioral Sensing
10:05am-10:30am	Kaitlin Skurnak University of Illinois at Urbana-Champaign	Reducing Adverse Events Originating from Specimen Handling and Identification Errors in Surgical Pathology
10:30am-10:55am	Dickson Rungere University of Cincinnati, College of Medicine	A Scoping Review of the Effectiveness of Exoskeletons in Controlling Low Back Injuries
10:55am-11:20am	Veronica Flacon Borbolla University of Illinois at Urbana-Champaign	Assessing Trust in Human-Robot Interactions: Insights from Older Adults
11:20am-11:45am	Amour Dondi University of Cincinnati, College of Medicine	Falls in Long-term Care and Home Healthcare
11:45am	Lunch	
noon-1:00pm	HFES virtual keynote: Dr. Emilie Roth	Human Factors Considerations for Enhancing Joint Human-AI Performance: From Function Allocation to Human-AI System Test and Evaluation
1:00pm-1:15pm	Break	
1:15pm-1:40pm	Anas Kachlan The Ohio State University College of Engineering	The Effects of Cognitive Load and Task Precision Restrictions on Trunk and Shoulder Kinematics in a Manual Material Handling Task
1:40pm-2:05pm	Chris Hamrick Weston Solutions	Psychosocial Hazards at Work: Why Wellbeing Is an Injury Prevention Issue
2:05pm-2:30pm	Kristen Webster Cincinnati Children's Hospital Medical Center	The 5 Rights of Safety Tools: Right Method, Right People, Right Time, Right Cost, Right Outcome"
2:30pm-3:25pm	Future of HFE: Challenges and Opportunities - A guided brainstorming session	
3:25pm-4:15pm	Manish Kumar and Sam Anand University of Cincinnati, College of Engineering and Applied Science	The Use of Digital Twins for Work Injury Reduction -Demonstration/Talk in the Digital Futures Building (short walk across the street)

<p>4:15pm-5:15pm</p>	<p>Posters, networking, light snacks</p>	<ul style="list-style-type: none"> -The Human Factors and Ergonomics Society at Illinois -Human Factors in Sociotechnical Systems (HFSS) Laboratory -The Southern Ohio HFES Chapter -Alex Varakin (Eastern Kentucky University) -Lyric Rains-Bury (Miami University) -Nermeen Saleh (Wright Statue University): A Comparative Study of Multimodal Cyber-Physical Alarms in UAVs ATTI-Mode -Amour Dondi (University of Cincinnati): Objective Quantification of Postures Experienced by Healthcare Workers in Long-Term Care Facilities -Mercy Omofio-Irefo (University of Cincinnati): Assessing The Relationship Between Workplace Ergonomics and Respiration - How Posture Impacts Crystalline Exposure in Industrial Workers -Susan Kotowski (University of Cincinnati): Using Simulation to Teach Safe Patient Handling Best Practices for Nursing Students -Dickson Rungere (University of Cincinnati): Whole Body Biomechanics When Egressing and Ingressing from a Bed -Nasim Nosoudi (Wright State University): Electrospraying-Induced Purinergic Ca²⁺ Signaling Activates PKCδ-p38 Pathways to Prime Mesenchymal Stem Cells for Chondrogenesis
<p>5:15pm</p>	<p>Group photo and wrap up</p>	