

Conference Agenda



Daily Overview

Date: Friday, 10/Apr/2026

<p>9:00am - 12:00pm</p>	<p>Pre-Conference Workshop Location: 330 O'Reilly Enterprise Center Chair: Joan Gladbach, University of Missouri - Kansas City</p>			
<p>Tutorial 102: Teaching Coding in the Age of AI: A Hands-on Tutorial on Process Feedback Badri Adhikari—University of Missouri-St. Louis & Jie Hou—Michigan State University</p>				
<p>12:00pm - 1:00pm</p>	<p>Lunch Lunch on your own or with friends at one of Springfields restaurants.</p>			
<p>1:00pm - 2:00pm</p>	<p>Welcome and Keynote Location: Judy Thompson Executive Conference Center. Chair: Scott Sigman, Drury University Chair: Padmavathi Iyer, Drury University</p> <p style="text-align: center;">Where are we going: The future of computing education in the face of AI? Panel Moderator: Dr. Chris Branton, Drury University Dr. Wen-Jung Hsin, Park University Dr. Ying Cao, Drury University Mr. Jason Barnes, EDUCAUSE Dr. Rahul Dubey, Missouri State University</p>			
<p>2:15pm - 3:45pm</p>	<p>AI in the Classroom Location: 210 O'Reilly Enterprise Center Chair: Mahmoud Yousef, University of Central Missouri</p> <p>A Literature Review of AI Applications in Higher Education Trang Horn, Mahmoud Yousef University of Central Missouri, United States of America</p> <p>Teaching Multiple Paradigms for Intelligent Systems: Integrating Search, Knowledge-Based Reasoning, and Machine Learning in Graduate Education Fang Li Oklahoma Christian University</p> <p>Generative AI and Software Development Job Security: Challenges and Insights for Computing Education Fei Zuo¹, Gang Qian¹, Fang Li², Yuqi Song³, Xin Zhang³ 1: University of Central Oklahoma; 2: Oklahoma Christian University; 3: University of Southern Maine</p>	<p>Nifty Assignments 1 Location: 220 O'Reilly Enterprise Center Chair: Joan Gladbach, University of Missouri - Kansas City</p> <p>Firmware Reverse Engineering with patch-hunter Michael Ham Dakota State University</p> <p>"Ring a Doorbell ": A Hands-On Introduction to Wireless Data Encoding Kyle Cronin Dakota State University</p> <p>Building a Linux Device Driver Bin Peng Park University</p>	<p>AI in IT Panel Location: 205 O'Reilly Enterprise Center Chair: Gary Yu Zhao, Northwest Missouri State University</p> <p>AI in IT and Business Project Management: Insights Across the Project Life Cycle Chair(s): Aziz Fellah (Northwest Missouri State University, School of Computer Science and Information Systems, Maryville, MO) Presenter(s): Aziz Fellah (Northwest Missouri State University, School of Computer Science and Information Systems, Maryville, MO), Sheng Chai. Dr. (Northwest Missouri State University, School of Computer Science and Information Systems, Maryville, MO), Cindy Tu (Northwest Missouri State University, School of Computer Science and Information Systems, Maryville, MO), Gary Zhao (Northwest Missouri State University, School of Computer Science and Information Systems, Maryville, MO)</p>	<p>Teaching K-12, Non-majors, & CS Freshmen Location: 240 O'Reilly Enterprise Center Chair: William Siever, Washington University in St. Louis</p> <p>Integrating Python Best Practices into Middle School Robotics Education Through a Research Supported Approach Abbas Attarwala, Paul Viotti, Mohammed Albathtiti, Hrishikesh Hasabnis California State University, Chico</p> <p>Sonifying Kepler's Harmonice Mundi: A Csound Implementation for Teaching Scientific Sonification Paul Viotti, Abbas Attarwala, Hrishikesh Hasabnis California State University, Chico</p> <p>LAST DAY, LASTING IMPACT: MAXIMIZING THE FINAL DAY OF YOUR COMPUTER SCIENCE COURSE Mark Terwilliger, Elise Terwilliger, Janet Jenkins University of North Alabama</p>
<p>3:45pm - 4:15pm</p>	<p>Break Location: 3rd Floor Balcony Area, O'Reilly Enterprise Center</p>			

Neerly Done

Collin Downey, Sage Adam, Erin Butler, Antonio Sullivan
MidAmerica Nazarene University, Olathe, Kansas

Straight Jackets

Nelson Gaudia Segura, Gabriel Perez-Roman, Isaac Ramirez, Charis Athon, Nuria Garcia Ruiz de Alarcon
Graceland University, Lamoni, Iowa

Team 404

Sasi Kiran Kodali, Lakshmi Tejaswini Davuluri, Dindu Gowtham Kanuri, Venkata Chandresh Adapa, Noshitha Reddy Gudhibandi
Northwest Missouri State University, Maryville, Missouri

UCM2

Dominic Azar, José Bañales Flores, Seth Moghadami, Gibson Nichol
University of Central Missouri, Warrensburg, Missouri

York University

Hector Lopez, Aday Guedes, Santiago Roldan, Jai Dotson
York University, York, Nebraska

<p>10:30am - 12:00pm</p>	<p>Cybersecurity & AI Research Location: 210 O'Reilly Enterprise Center Chair: Eric Manley, Drake University</p> <p>The Illusion of Diversity: Mapping Homogeneity Across Generative AI Systems Smera Shrestha, Hayden Eddy, Nan Sun Washburn University</p> <p>Broadening Participation in Cybersecurity through General Education Pathways Timothy Urness Drake University</p> <p>TEACHING SOCIAL ENGINEERING IN A COLLEGIATE CYBERSECURITY PROGRAM: AN EXPERIENCE REPORT Tim DeClue¹, June Middleton² 1: Southwest Baptist University; 2: Jack Henry and Associates</p>	<p>Student Papers Location: 220 O'Reilly Enterprise Center Chair: Scott Sigman, Drury University</p> <p>Multi-Stage Tomato Flower Detection Using Deep Learning Jennifer Dinh¹, Ayanna Miles² 1: Department of Computer and Information Sciences, Webster University; 2: Department of Natural Sciences and Mathematics, Webster University</p> <p>AI-Driven Health Assessment for Pet and Livestock Wellness Elizabeth Hooton, Owen Gibbins, Daniel Carroll Miami University</p> <p>From Diet to DNA: A Data-Driven Nutrigenomic Analysis of CTLA4 and MYO9B Lauren Athon Graceland University</p>	
<p>12:00pm - 1:00pm</p>	<p>Luncheon & Awards Location: Judy Thompson Executive Conference Center.</p> <p>Business meeting follows the Luncheon & Awards.</p>		
<p>1:15pm - 5:15pm</p>	<p>Student Programming Contest Third Floor of the O'Riley Enterprise Center</p>		

Conference Agenda



Daily Overview

Date: Saturday, 11/Apr/2026

<p>8:30am - 10:00am</p>	<p>Assessment Location: 210 O'Reilly Enterprise Center Chair: Scott Simmons, Drury University</p> <p>A Light-Weight Approach to Standards-Based Grading for New Adopters Melissa Lynn St. Olaf College</p> <p>Put Everything Together: Reinforce Binary Knowledge in Enterprising Networking Course Zhengrui Qin¹, Sheng Chai² 1: Northwest Missouri State University; 2: Northwest Missouri State University</p> <p>Over a Decade of Computer Science Major Field Test Outcomes: Trends, Insights, and Perspectives Aziz Fella Northwest Missouri State University</p>	<p>Lightning Talks Location: 220 O'Reilly Enterprise Center Chair: Wen-Jung, Hsin, Park University</p> <p>Verse With a Computing Theme Charles Ashbacher NA</p> <p>Why Transportation Automation Is Really a Software Engineering Problem Bhavana Bhardwaj Missouri Southern State University</p>	<p>Student Posters Location: O'Reilly Student Collaboration Room Chair: Joseph Kendall-Morwick, Washburn University</p>
<p>10:00am - 10:30am</p>	<p>Break Location: 3rd Floor Balcony Area, O'Reilly Enterprise Center</p>		
<p>10:00am - 12:00pm</p>	<p>Hackathon Presentations Location: 205 O'Reilly Enterprise Center Chair: Padmavathi Iyer, Drury University</p> <p>4stack Aamir Abatiyow, Noah Dinwiddie, Asya Erdogan, Justin Jenkins University of Central Missouri, Warrensburg, Missouri</p> <p>A++ Matthew Omundsen, Konner Smith, Ian Nunez MidAmerica Nazarene University, Olathe, Kansas</p> <p>ByteBods Dusti Johnson, Rajdeep Sah, Sapanish Sharma, Ari Lee, Ujjwal Sitaula Washburn University, Topeka, Kansas</p> <p>cat -n yan Nathan Dawson, Zenan Johnson Park University, Parkville, Missouri</p> <p>Concordia Nebraska Silas Curtis, Calvin Gross, Reagan Zierke Concordia University, Seward, Nebraska</p> <p>Drury Layden Halcomb, Rachel Black, Hunter Essary Drury University, Springfield, Missouri</p> <p>Jackets Plus Josh Obersteadt, Alvaro Martin-Pena, Thomas Tesa Joaquim, JP Guzman Graceland University, Lamoni, Iowa</p>		

<p>4:15pm - 5:45pm</p>	<p>Software Engineering Location: 210 O'Reilly Enterprise Center Chair: Diana Linville, Northwest Missouri State University</p> <p>Utilizing Vibe Coding Techniques to Improve Prototyping in the Information System Analysis and Design Class Gary Yu Zhao, Cindy Zhiling Tu Northwest Missouri State University</p> <hr/> <p>When Mentorship Isn't Enough: A Case Study in Undergraduate ML Research at an HSI Olivera Grujic California State University Stanislaus</p> <hr/> <p>Cross-Cultural Challenges and Learning in a COIL-Based Software Engineering Collaboration Olivera Grujic¹, Paulo Picota² 1: California State University, Stanislaus; 2: Universidad Tecnologica de Panama</p>	<p>Nifty Assignments 2 Location: 220 O'Reilly Enterprise Center Chair: Judy Mullins, University of Missouri-Kansas City</p> <p>Enhancing Students' Understanding of SQL Aggregate Functions in Nested Subqueries Jamil Saquer Missouri State University</p> <hr/> <p>Boosting Black-Box Software Testing with Structured Prompt Design for Generative AI Rad Alrifai Northeastern State University</p> <hr/> <p>Theory and Practice in Functional Programming Cong-Cong Xing¹, Jun Huang² 1: Nicholls State University; 2: South Dakota State University</p>	<p>AI Policy Workshop Location: 205 O'Reilly Enterprise Center Chair: Cindy Tu, Northwest Missouri State University</p> <p>Rethinking the AI Syllabus: Designing Traffic-Light Policies in CS Courses That Do Not Backfire Usamah Moin Mohammed Lincoln University, Jefferson City, Missouri, USA</p>	<p>Vendor Presentation Location: 240 O'Reilly Enterprise Center Chair: Scott Sigman, Drury University</p> <p>ACM2y Vendor Presentation: ACM Resources and Opportunities</p>
<p>6:00pm - 8:00pm</p>	<p>Banquet Location: Judy Thompson Executive Conference Center</p> <hr/> <p style="text-align: center;">From EHRs to AI Agents. . . Healthcare Is Now a Technology First Industry</p> <p style="text-align: center;">Patrick Murfee Senior Vice President, Chief Information Officer, Cox Health</p>			