

2025 Midwest Conference Schedule

September 19-20, 2025

Wabash College, Crawfordsville, IN

Friday, September 19th				
9:00 am – 12:00 pm	Pre-Conference Workshop (Trippet Hall 123) ASSESSMENT: BEYOND THE REQUIREMENTS Cathy Bareiss			
11:00 am – 4:00 pm	Registration (Hays Hall First Floor Atrium)			
12:00 pm	Student Programming Hackathon Starts			
1:00 pm – 1:15 pm	Conference Opening (Hays Hall 104) Conference Chair, Site Chair, Wabash Welcome (Todd McDorman, Professor of Rhetoric and Dean of the College)			
1:15 pm – 2:00 pm	Keynote Address (Hays Hall 104) COMPUTER SCIENTISTS AS INNOVATORS: A CALL FOR TRANSFORMATIONAL LEADERSHIP Clark Cully			
2:15 pm – 3:45 pm	Concurrent Session I			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center; vertical-align: top;"> <p>Paper Session #1 - AI (Hays Hall 003) Session Chair: Stefan Brandle</p> <p>A HANDS-ON APPROACH TO ENHANCING LLM SECURITY EDUCATION THROUGH RETRIEVAL-AUGMENTED GENERATION Dominic Wilson</p> <p>AI-ASSISTED CONTEXTUAL CODE NARRATION FOR THE VISUALLY IMPAIRED Prajwal Narayanaswamy, Abbas Attarwala, Paul Viotti, Jaime Raigoza & Ed Lindoo</p> <p>ENHANCING COMPUTER SCIENCE EDUCATION THROUGH IMMERSIVE GEOMETRY-BASED APPROACHES TO LINEAR ALGEBRA Sheldon Henriques, Shaun Lewis, Amos Chavan, Abbas Attarwala, Paul Viotti, & Ed Lindoo</p> </td> <td style="width: 33%; text-align: center; vertical-align: top;"> <p>Roundtable (Hays Hall 002)</p> <p>DISCUSSION ON NEEDED CHANGES TO THE CURRICULUM BECAUSE OF AI</p> <p>Cathy Bareiss & Panel Members</p> </td> <td style="width: 33%; text-align: center; vertical-align: top;"> <p>Industry Panel (Hays Hall 104) Session Chair: Colin McKinney</p> <p>WHAT CS STUDENTS NEED TO HEAR FROM INDUSTRY</p> <p>Brad Weaver '91 (Wabash College IT Services) Kyle Prifogle '09 (Spotify) Marianne Chitwood (I-Light) Tony Unfried '03 (CSA360 and Archon Tech Strategies) Michael Berry '92 Jacob Scherb '14 (Fitzmark)</p> </td> </tr> </table>	<p>Paper Session #1 - AI (Hays Hall 003) Session Chair: Stefan Brandle</p> <p>A HANDS-ON APPROACH TO ENHANCING LLM SECURITY EDUCATION THROUGH RETRIEVAL-AUGMENTED GENERATION Dominic Wilson</p> <p>AI-ASSISTED CONTEXTUAL CODE NARRATION FOR THE VISUALLY IMPAIRED Prajwal Narayanaswamy, Abbas Attarwala, Paul Viotti, Jaime Raigoza & Ed Lindoo</p> <p>ENHANCING COMPUTER SCIENCE EDUCATION THROUGH IMMERSIVE GEOMETRY-BASED APPROACHES TO LINEAR ALGEBRA Sheldon Henriques, Shaun Lewis, Amos Chavan, Abbas Attarwala, Paul Viotti, & Ed Lindoo</p>	<p>Roundtable (Hays Hall 002)</p> <p>DISCUSSION ON NEEDED CHANGES TO THE CURRICULUM BECAUSE OF AI</p> <p>Cathy Bareiss & Panel Members</p>	<p>Industry Panel (Hays Hall 104) Session Chair: Colin McKinney</p> <p>WHAT CS STUDENTS NEED TO HEAR FROM INDUSTRY</p> <p>Brad Weaver '91 (Wabash College IT Services) Kyle Prifogle '09 (Spotify) Marianne Chitwood (I-Light) Tony Unfried '03 (CSA360 and Archon Tech Strategies) Michael Berry '92 Jacob Scherb '14 (Fitzmark)</p>
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3:45 pm – 4:15 pm	Break (Hays Hall First Floor Atrium)			
3:45 pm - 4:45 pm	Student Posters & Showcase (Hays Hall First Floor Atrium) Chair: Andy Harris			

Friday, September 19th - Continued			
4:15 pm – 5:45 pm	Concurrent Session II		
<p>Paper Session #2 - Cyber (Hays Hall 104) Session Chair: Fola Olagbemi</p> <p>AGRIFEDNET: PRIVACY-PRESERVING PLANT PATHOLOGY WITH MOBILENETV3-SMALL Ritesh Janga, Rushit Dave & Mansi Bhavsar</p> <p>EFFECTIVE STRATEGIES, CHALLENGES, AND BEST PRACTICES IN TEACHING CYBERSECURITY TO COLLEGE STUDENTS: A FACULTY-BASED ANALYSIS Imad Al Saeed</p> <p>REMONO: TEACHING WEB DEVELOPMENT CONCEPTS WITH REQUIREMENTS MODELING AND NO-CODE TOOLS Huseyin Ergin & Sugandha Malviya</p>	<p>Tutorial (Hays Hall 001)</p> <p>VIBE CODING: HELP OR HYPE? Andy Harris</p>	<p>Works In Progress (Hays Hall 003) Session Chair: Zack Kurmas</p> <p>PILOT ABET ACCREDITATION FOR ASSOCIATES IN IT: LESSONS LEARNED AND GUIDELINES FOR PROSPECTIVE ACCREDITATION APPLICANTS Suguna Chundur</p> <p>ALLOWING LATE COURSE WORK WITH NO GRADE PENALTY David Largent</p> <p>INTRODUCING QUANTUM CONCEPTS, ETHICS, AND INTERGENERATIONAL ENGAGEMENT IN INTRODUCTORY PROGRAMMING COURSES: A PEDAGOGICAL PROTOTYPE Ladelle Diekhoff & Benjamin Diekhoff</p> <p>INTRODUCING STATE MACHINES INTO THE SOFTWARE ENGINEERING CURRICULUM Ramachandra Abhyankar</p>	<p>Vendor (Hays Hall 002)</p> <p>RETHINKING CS EDUCATION: HOW WILL OUR STUDENTS STAY COMPETITIVE IN THIS NEW AI ERA? BlossomsAI</p>
6:00 pm – 7:45 pm	<p>Dinner and Evening Address (Detchon International Hall) <i>Announcement: Workbook For Distinctive Computer Science Curricula</i> Karl Schmitt</p> <p>GOOD ARTISTS COPY, GREAT ARTISTS STEAL: MY TOP STOLEN TEACHING TIPS Jim Huggins</p>		
8:00 pm – 8:30 pm	<p>CCSC Midwest Region Business Meeting (Detchon Hall 120) Note: <i>Steering Committee, Immediately following</i></p>		
9:00 pm – 10:00 pm	<p>Two-Year Institutions BOF (Detchon Hall 120), <i>Kris Roberts</i></p>		

Saturday, September 20th		
7:30 am – 8:30 am	Continental Breakfast (Hays Hall First Floor Atrium)	
8:30 am – 10:00 am	Concurrent Session III	
<p>Paper Session #3 - Teaching (Hays Hall 104) Session Chair: Zack Kurmas</p> <p>FROM CONDITIONALS TO CONSEQUENCES: A FRAMEWORK FOR INTEGRATING ETHICS LABS ACROSS THE CS CURRICULUM Heather Amthauer & Peter Ohmann</p> <p>INTERPRETING CS STUDENT CHALLENGES VIA THEMES IN COLLEGE ADMISSION ESSAYS USING TOPIC MODELING Barbara Martinez Neda, Joshua Kawaguchi, Kaifan Yu, Jared Apillanes, Jason Weber, Jennifer Wong-Ma, & Sergio Gago-Masague</p> <p>A CASE STUDY OF ACHIEVING ORIGINAL RESULTS THROUGH INDEPENDENT STUDENT RESEARCH Brendan De Leeuw & Jay Bagga</p> <p>DEVELOPMENT OF LEARNING OUTCOMES USING CLASSROOM PROJECT CONSTRAINT SYSTEMS Travis Faas</p>	<p>Works In Progress (Hays Hall 003) Session Chair: Karl Schmitt</p> <p>ANXIETY ABOUT AI SAFETY IN LEARNING ENVIRONMENTS Pradip Peter Dey, Mohammad Amin & Bhaskar Sinha</p> <p>COMPUTER SCIENCE CURRICULUM CHANGE USING REVIEWS Mohammad Amin, Pradip Peter Dey & Bhaskar Sinha</p> <p>DESIGNING WITH AI: USING GENERATIVE TOOLS TO BUILD AND REVISE COURSES Stephanie Hoepfner & Kristi Hall</p>	<p>Nifty Assignments (Hays Hall 002) Session Chair: Paul Talaga</p> <p>SPARSE MATRIX-MATRIX MULTIPLICATION WITH CUDA AND PYTHON INTEGRATION Alina Lazar</p> <p>GAMIFICATION OF A VIDEO GAME DEVELOPMENT COURSE Forrest Stonedahl</p> <p>EXPLORING THE STRENGTHS AND LIMITATIONS OF WORD2VEC THROUGH ANALOGY QUESTIONS Hong Biao Zeng</p> <p>STATE MACHINES: TOOLS, CONVERSIONS AND IMPLEMENTATIONS Ramachandra Abhyankar</p>
10:00 am – 10:30 am	Break (Hays Hall First Floor Atrium)	

Saturday, September 20th - Continued		
10:30 am – Noon	Concurrent Session IV	
<p>Paper Session #4 - Advanced Computing (Hays Hall 104) Session Chair: Jeff Lehman</p> <p>TEACHING PARALLEL COMPUTING CONCEPTS USING DISTRIBUTED DATA PARALLEL DEEP LEARNING TRAINING Alina Lazar</p> <p>A HIGHLY-STRUCTURED, INTERPRETER-BASED, FUNCTIONAL-REQUIRED PROGRAMMING LANGUAGES COURSE David Furcy & Tom Naps</p> <p>INTRUSION DENIED: FACE RECOGNITION ON RASPERRYPI Metrine Osiero, Rushit Dave & Mansi Bhavsar</p>	<p>Tutorial (Hays Hall 003)</p> <p>COURSE IN A BOX: COMPUTING HISTORY & ETHICS Jim Huggins</p>	<p>Vendor (Hays Hall 002)</p> <p>SNEAK PREVIEW: HOW CS TRANSFER 202x CURRICULAR GUIDANCE CAN HELP OPTIMIZE TRANSFER PROGRAMS ACM2Y</p> <p>LOCAL LEADERSHIP, GLOBAL CONNECTIONS: ACM'S WOMEN IN COMPUTING ACM-W</p>
11:00 am	Student Programming Hackathon Ends - Submissions due	
12:15 pm – 1:15 pm	Lunch Break & Hackathon Presentations (Detchon International Hall)	
1:15 pm – 2:15 pm	CCSC: MW 2025 Conference Planning (Detchon International Hall)	

The CCSC Midwest Conference Committee thanks our National Partners ACM2Y & CCSCC, Rephactor, and BlossomsAI for their continued support of our activities and UPE for student prizes

2025 Midwest Conference Zoom Links

Links are provided for all sessions. Participants are expected to register (and pay) for most sessions (with exception of Industry Panel). Logins are monitored.

Friday Morning Workshop: 8:30 am - 12:00 pm (noon)

<https://betheluniversity-edu.zoom.us/j/84640388492?pwd=V0cacSouC2aSA3hkF7Jcl0pRUxoNZM.1>

Meeting ID: 846 4038 8492

Passcode: 682655

Friday Conference Session: 12:00 pm (noon) to 8:00 pm

<https://betheluniversity-edu.zoom.us/j/88686584389?pwd=hZvVVjbSJFgr6pha7PVPjpw4tDbQHG.1>

Meeting ID: 886 8658 4389

Passcode: 845715

Programming Hackathon Competition: 12:00 pm (noon) Friday - 12:00 pm (noon) Saturday

Video call link: <https://meet.google.com/whp-xons-rod>

Slack Link:

https://join.slack.com/t/ccscmw2025hac-lis4045/shared_invite/zt-3dp8oukgh-~xR5Y3w~pNxuBCfRU64OQ

Saturday Conference Session: 8:00 am -1:15 pm

<https://betheluniversity-edu.zoom.us/j/85997819084?pwd=Yc68bYFrI4uKXaLcSpaPAhIMNwu24s.1>

Meeting ID: 859 9781 9084

Passcode: 300522

Programming Hackathon Competition Presentations: 11:45 am - 1:00 pm

Video call link:

<https://betheluniversity-edu.zoom.us/j/85997819084?pwd=Yc68bYFrI4uKXaLcSpaPAhIMNwu24s.1>

Parking & Other Information

The conference will be held in three buildings at Wabash College: Trippet Hall, Hays Hall, and Detchon Hall.

Parking map: [Click here](#). There are three regulations for parking on campus: yellow spaces/curbs, the reserved spot for the President's Office, or parking in a handicapped space without appropriate placard all will result in towing.

Friday: Your best chances are in the Trippet Hall Lot or the parking lot at the corner of West Pike and Wilhoit streets. The Center Hall lot is usually full by 0830 and remains full until 1630. This lot does have one handicapped parking space. If you need a handicapped space and are having trouble finding one, please contact Colin: (972) 965-7184 or Campus Safety: (765) 361-6000.

Saturday: Parking will be much more open, including in the Center Hall lot.

Campus map: [Click here](#)

Downtown Crawfordsville map: [Click here](#)

Things to see in Crawfordsville and Montgomery County:

- Lew Wallace Study and Museum. General Lew Wallace served in the US Civil War and wrote the novel *Ben Hur*.
- Rotary Jail Museum. One of the last used and still functional rotary jails in the United States.
- Downtown Farmers Market on Saturday
- Four Seasons local market
- Two state parks, Shades and Turkey Run, are within driving distance from town.
- Carnegie Museum of Montgomery County: formerly a Carnegie library, the museum now hosts exhibits on local and natural history. Great for kids.

Colin's favorite establishments:

- 1832 Brew Espresso Bar, coffee and snacks, located in the Lilly Library.
- Francis and Mount, American, full bar.
- El Charro, Mexican, full bar.
- The Table Spoon, sandwiches/salads and grab/go.

Other area establishments:

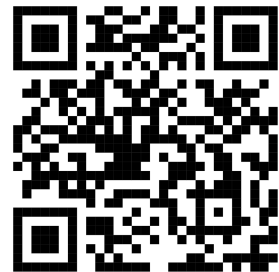
- Little Mexico, Mexican, full bar
- Second City Cafe, sandwiches/salads, lunch only
- China Inn, Chinese
- Arni's Pizzeria, Pizza
- Greek's Pizzeria, Pizza
- Wildfire 348, Pizza and Gelato



Campus Parking Map



Campus Map



Downtown Crawfordsville Map