2024 Army University Learning Symposium

24-28 JUNE - HYBRID SESSION AGENDA *(Subject to change)* — All times in Central Daylight Time

MONDAY, 24 JUNE

1400-1600	**IN-PERSON REGISTRATION**	Upper Atrium **AUP FILM VIEWING**	Marshall

TUESDAY, 25 JUNE

0730-0900	**IN-PERSON REGISTRATION / POSTER AND TABLE SETUP**	Upper Atrium **VIEWING OF "LEVEL SET" (every 30 minutes)**	Marshall
0900-0930	**WELCOME AND OPENING REMARKS**	Marshall
0930-1015	**KEYNOTE SPEAKER**	Marshall Track 1 - AI Applications for Learning **Jeffrey R. Jones** -Deputy to the Commanding General at the U.S. Army Cyber Command
1015-1030	**TRANSITION**
1030-1130	**INVITED PANEL**	Marshall Track 3 - Learning Science & Technology **Introducing the AI Center of Research for Excellence in Education (AIRCOEE)** Dr. Benjamin Nye -USC Institute for Creative Technologies; Dr. Jose-Luis Ambite -USC Information Sciences Institute; Dr. Stephen Aguilar -USC Rossier School of Education; Dr. Becky Robinson -Army University, Vice Provost for Academic Affairs
1130-1200	**GROUP PHOTO**
1200-1330	**LUNCH**

1330-1400	**CONCURRENT SESSION #1** (CHOOSE ONE)	
	Track 1 - AI Applications for Learning **Human-Machine Teaming with Generative AI to Accelerate Data Literacy Course Development**	Marshall Ms. Janet Spruill -Aptima, Inc.	Track 3 - Learning Science & Technology **Neural Activity Mapping of Army Aviation Flight Task Performance**	Arnold Dr. Christina Parker -Air Force Special Operations Command
1400-1415	**TRANSITION**	

1415-1445	**CONCURRENT SESSION #2** (CHOOSE ONE)	
	Track 1 - AI Applications for Learning **Humanizing Military Learning Assessment through the Non-Human: AI as a Tool for Affective Domain Learning Assessment**	Marshall Dr. Shanda Lauer -Army University, Vice Provost for Academic Affairs; Dr. Nathan White -Graduate School for Professional Development, Army Institute for Religious Leadership; Dr. Randy Brou and Dr. Victor Ingurgio -Army Research Institute for the Behavioral and Social Sciences	Track 2 - Learning Organizations **Rethinking the Upskilling Initiative: A Case Study on Learning Readiness and Innovative Strategies**	Arnold Ms. Karen O'Brien -Modern Technology Solutions, Inc
1445-1500	**TRANSITION**	

1500-1530	**CONCURRENT SESSION #3** (CHOOSE ONE)

Track 2 - Learning Organizations	Track 5 - Learning Strategies
AI-Assisted Revisions for Curricula (ARC) for Army Training and Education: Techniques and Prototype Progress | Marshall	**Enhancing Scenario Planning with AI While Managing Group Dynamics for Complex Problem Solving** | Arnold
Dr. Jose-Luis Ambite -USC Information Sciences Institute	Dr. Rheanna Plemons -Western Kentucky University, School of Leadership and Professional Studies; SFC George Joseph -U.S. Army Cadet Command

1530-1545	**TRANSITION**
1600-1645	**Breakout Session: Artificial Intelligence Applications for Learning ways forward** | Classroom TBA
1730-1930	**SOCIAL** | Upper Atrium
	POSTER SESSION ‎ **AIRCOEE DEMONSTRATION**

WEDNESDAY, 26 JUNE

0900-0930	**WELCOME AND OPENING REMARKS** | Marshall
0915-1000	**INVITED SPEAKER** | Marshall
	Track 5 - Learning Strategies
	Dr. Allison Abbe -Research Psychologist, Professor of Organizational Studies and the Matthew B. Ridgway Chair of Leadership Studies at the U.S. Army War College
1000-1015	**TRANSITION**
1015-1045	**CONCURRENT SESSION #4** (CHOOSE ONE)

Track 1 - AI Applications for Learning	Track 2 - Learning Organizations
Considerations in Incorporating AI into the ALE | Marshall	**Conflict Mapping Tools: Resilience, Education, Mission Accomplishment** | Arnold
Dr. Sena Garven -Army University, Vice Provost for Academic Affairs	Dr. Ian Edgerly -Army Special Operations Command, 1st Special Forces Command (A); Ms. Jessica Arriola -Department of Defense Education Activity, Southeast District

1045-1100	**TRANSITION**
1100-1200	**CONCURRENT SESSION #5** (CHOOSE ONE)

Track 3 - Learning Science & Technology	Track 5 - Learning Strategies
Panel: Virtual Learning Practices: Potentials, Pitfalls, and a Path for Innovation | Marshall	**TRADOC's New Frontier** | Arnold
Dr. Meredith Shafto -Army University, Vice Provost for Academic Affairs; Dr. Steven Johnson -National University; Mr. Alan Bodle -Army University, Vice Provost for Digital Education; Dr. Robert Arp -Army University, Army Management Staff College; Dr. Randy Brou -Army Research Institute for the Behavioral and Social Sciences; Dr. Rodney Morris -U.S. Army Command and General Staff College; MAJ Ethan Swepston -Army University, School of Advanced Military Studies	Dr. Dick McCallum -Army University, Vice Provost for Digital Education
	Track 2 - Learning Organizations
	Active Learning Pedagogy for Adult Online Education | Arnold
	Dr. Glen Downing -U.S. Army Command and General Staff College

1200-1330	**LUNCH**
1330-1415	**INVITED SPEAKER** | Marshall
	Track 4 - Learning Data
	Dr. David M. Markowitz -Army Chief Data Officer and Analytics Officer (virtual)

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1415-1430	**TRANSITION**
1430-1500	**CONCURRENT SESSION #6** (CHOOSE ONE)

Track 1 - AI Applications for Learning	Track 5 - Learning Strategies
Artificial Intelligence-Enabled Cyber Training | Marshall CPT Zachary Szewczyk -U.S. Army Pacific, 3rd Multi-Domain Task Force	**Credentialing: Going Digital with DOD MilGears - Pathways towards Success** | Arnold Ms. Melora McVicker -Office of the Under Secretary of Defense for Personnel and Readiness, Force Education and Training; Ms. Rita Detrick, Solutions for Information Design, LLC (SOLID)

1500-1515	**TRANSITION**
1515-1545	**CONCURRENT SESSION #7** (CHOOSE ONE)

Track 3 - Learning Science & Technology	Track 4 - Learning Data
Applied Learning Science for Skill and Knowledge Acquisition | Marshall Dr. Shanda Lauer -Army University, Vice Provost for Academic Affairs; Dr. Gregory Hughes and Dr. Wade Elmore - Army Combat Capabilities Development Command - Soldier Center	**Educating Tomorrow's Defense Leaders by Enabling AI-Readiness through DoD University Data Standardization** | Arnold Mr. Layne Nelson and Mr. Vincent Boragina -Huron Consulting Services LLC; Mr. Jacob Benjamin - ManTech Digital Transformation Consulting

1545-1600	**TRANSITION**
1600-1645	**Breakout Session: Learning Science and Technologies/Learning Data ways forward** | Classroom TBA

THURSDAY, 27 JUNE

0900-0915	**WELCOME AND OPENING REMARKS** | Marshall
0915-1000	**INVITED SPEAKER** | Marshall **Track - Learning Organizations** Women, Peace, and Security Invited Speaker - TBD
1000-1015	**TRANSITION**
1015-1045	**CONCURRENT SESSION #8** (CHOOSE ONE)

Track 1 - AI Applications for Learning	Track 4 - Learning Data
Designing the Army Writing Enhancement Tool (AWE): Generative AI to Promote Writing Skills | Marshall Dr. Benjamin Nye -USC Institute for Creative Technologies	**Developing Evaluations for Modernization: The Case of the Captains Career Course** | Arnold Dr. Meredith Shafto -Army University, Vice Provost for Academic Affairs

1045-1100	**TRANSITION**
1100-1200	**CONCURRENT SESSION #9** (CHOOSE ONE)

Track 2 - Learning Organizations	Track 5 - Learning Strategies
Panel: Optimizing the Army as a Learning Organization: FCoE's Assessment Framework | Marshall Dr. Kyle G. Smith, Ms. Cyndy Farrell, and Mr. Skip Harrison - U.S. Army Fires Center of Excellence. *Moderator:* Dr. Michele Calton -Department of Health and Human Services, Agency for Healthcare Research and Quality.	**Assessment and Development of Complex Cognitive Skills in Army Officers: Research Program Overview** | Arnold Dr. Kingsley Ejiogu -Army Research Institute for the Behavioral and Social Sciences Track 1 - AI Applications for Learning **Memory Processes Behind Leader Identity Formation and its Effects on Soldier Development: A Machine Learning Approach** | Arnold

	Dr. Rachel Amey -Army Research Institute for the Behavioral and Social Sciences
1200-1330	**LUNCH**
1330-1400	**RECOGNITION CEREMONY** | Marshall
1400-1415	**TRANSITION**
1415-1445	**CONCURRENT SESSION #10** (CHOOSE ONE)

Track 1 - AI Applications for Learning	Track 2 - Learning Organizations
A Standards-Based Approach to AI-Enabled Learning Detection in Unity-based Simulations, Field Training, and Distributed Learning | Marshall	**An Interview-Based Thematic Analysis of Army Leaders' Central Tasks and Developmental Goals** | Arnold
Mr. Jim Goodell -Quality Information Partners; INFERable; Institute of Electrical and Electronics Engineers; Mr. Shelly Blake-Plock -Yet Analytics	Dr. Sarah Kruger -Consortium of Universities of the Washington Metropolitan Area; Dr. James Nye -Army Research Institute for the Behavioral and Social Sciences

1445-1500	**TRANSITION**
1500-1545	**CONCURRENT SESSION #11** (CHOOSE ONE)

Track 2 - Learning Organizations	Track 1 - AI Applications for Learning
Panel: Optimizing the Army as a Learning Organization: Quartermaster School's Learning Ecosystem | Marshall	**Unlocking the Power of AI in Army Education: A Hands-On Workshop** | Arnold
Mr. William Quimbayoglen, Mr. Rodney Shelton, SFC Joseph Catterson, SSG Michael Jackson -U.S. Army Quartermaster School, Petroleum and Water Department. *Moderator:* Dr. Michele Calton, Department of Health and Human Services, Agency for Healthcare Research and Quality	Dr. Jeffrey Sun, Dr. Kelli Peck Parrott, Dr. Taylor Pratt, and Ms. Clarissa Bruton -University of Louisville; Mr. John Lilygren -U.S. Army Cadet Command, Directorate of Leader Development and Education; CPT Charles Holbrook -University of Wisconsin-Eau Claire

1545-1600	**TRANSITION**
1600-1645	**Breakout Session: Learning Organizations/Learning Strategies ways forward** | Classroom TBA

FRIDAY, 28 JUNE

0900-1100	**AIRCOEE DEMONSTRATION** | Classroom TBA
1130-1330	**MUSEUM TOUR** | Frontier Museum

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Track 1 Posters - AI Applications for Learning

Processing (AI Language Tools), Plug-Ins, and Privacy | 1A
Dr. Jeffrey Sun and Dr. Taylor Pratt -University of Louisville

Coreference Resolution, Quick Categorization, and Curriculum Development | 1B
Dr. Robert Arp, Army University, Army Management Staff College

Generative Artificial Intelligence in Undergraduate Research at USMA | 1C
MAJ Hayden Deverill, COL James Bluman, MAJ John Scudder, and LTC John Paynter -U.S. Military Academy at West Point

Training the Future Army Radiographer | 1D
Mr. Walter Rose -Army Combat Capabilities Development Command - Armaments Center, Quality Engineering & System Assurance Division

Track 2 Posters - Learning Organizations

Diversity, Equity, and Inclusivity Skills of PME Instructors: A Potential Knowledge and/or Application Gap | 2A
Dr. Meredith Shafto and Dr. Shanda Lauer -Army University, Vice Provost for Academic Affairs; Dr. Cynthia Patterson -U.S. Army Fires Center of Excellence; Ms. Chaya Blackmon Cason and Ms. Davida Stevenson -Army Civilian Career Management Activity

Army Credentialing and Apprenticeship Programs | 2B
Mr. Travis Votaw and Mr. Russell Gray -Army University, ACCESS

Underlying Dimensions of the Army Learning Organization Assessment | 2C
Dr. Marcus Fagan -Army Research Institute for the Behavioral and Social Sciences

Track 5 Posters - Learning Strategies

Revolutionizing Professional Military Education: The Total Soldier App Proposal | 5A
CPT Chris Slininger -HRC Innovation

Empowering Military Instructional Design through Educational Design Research | 5B
LTC Elvin Fortuna -Army University, Vice Provost for Academic Affairs

Survey of the Army Learning Enterprise (SALE): An Enduring Investigation in Support of Outcomes Based Military Education (OBME) in Army Professional Military Education (PME) | 5C
Dr. Shanda Lauer and Dr. Meredith Shafto -Army University, Vice Provost for Academic Affairs

Anthology; Blackboard: Inspire, Accelerate and Improve Course Design with Trustworthy AI -Mr. David Palmer

Golden Key Group: Crew Readiness 2030 -Mr. Patrick Kline

Army University, Vice Provost for Digital Education: Conformance Testing and Acceptance of Distributed Learning Products for ATIS Learning - Mr. Al Bodle and Dr. Dick McCallum

CGSC Foundation -Ms. Lora Morgan

Center for Army Leadership -Ms. Janetta Harris and Dr. Vince Carlisle

Cyber Center of Excellence -Ms. Sonya Thomas

Fort Leavenworth Education Center -Ms. Karla Guardo Hope

SHARP Academy -Mr. James Marble

Army University Press -CPT Hallie Freeman

Army University, ACCESS -Mr. Jay Gallego

Army University, Army Management Staff College -Dr. David Culkin

Army University, Vice Provost for Academic Affairs, Faculty and Staff Development Division -Dr. Bill Kuchinski

Army University, Directorate of Simulation Education

Virtual Attendance:

ArmyU Learning Symposium - Marshall

Guest Link: https://us.bbcollab.com/guest/11c3afd5fc3249a685ca040dcdc8ae2c

ArmyU Learning Symposium – Arnold

Guest Link: https://us.bbcollab.com/guest/d72c3d6eb72b4d36b6d06365cf6a0cfa