



2024 Army University Learning Symposium

24-28 JUNE - HYBRID SESSION AGENDA

**LOCATION: LEWIS AND CLARK CENTER,
100 STIMSON AVE, FORT LEAVENWORTH, KS**

Full Program, Agenda
Updates, and Bios:

VIRTUAL ATTENDANCE:

Marshall <https://us.bbcollab.com/guest/11c3afd5fc3249a685ca040dcdc8ae2c>

Arnold <https://us.bbcollab.com/guest/d72c3d6eb72b4d36b6d06365cf6a0cfa>

(Subject to change)



All times in Central Daylight Time

MONDAY, 24 JUNE

- 1400-1600** **IN-PERSON REGISTRATION** | Upper Atrium - Lewis and Clark Center
ARMY UNIVERSITY PRESS INFORMATION AND FILM VIEWING | Marshall
"Okinawa: Typhoon of Steel" - Introduction and discussion of the AUP and AU Films mission; film viewing followed by discussion and Q&A session
- 1200-1630** **NEW CLASSROOM DESIGN DEMONSTRATION** | Classrooms 2161 and 2162 - Lewis and Clark Center

TUESDAY, 25 JUNE

- 0730-0900** **IN-PERSON REGISTRATION / POSTER AND TABLE SETUP** | Upper Atrium - Lewis and Clark Center
VIEWING OF "LEVEL SET" PME VIDEO (every 30 minutes) | Marshall
- 0900-0930** **WELCOME AND OPENING REMARKS** | Marshall
Dr. David Cotter -Dean of Academics & Professor, Command and General Staff College; Chief Academic Officer, Army University
- 0930-1015** **KEYNOTE SPEAKER** | Marshall (Virtual)
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
Moderator: Dr. Sena Garven -Army University, Vice Provost for Academic Affairs
- 1130-1200** **GROUP PHOTO** | Eisenhower
- 1200-1330** **LUNCH (On Your Own)**
- 1330-1400** **CONCURRENT SESSION #1 (CHOOSE ONE)**

<p>Track 1 - AI Applications for Learning Human-Machine Teaming with Generative AI to Accelerate Data Literacy Course Development Marshall Ms. Janet Spruill -Aptima, Inc. <i>Facilitator:</i> Dr. Becky Robinson</p>	<p>Track 3 - Learning Science & Technology Neural Activity Mapping of Army Aviation Flight Task Performance Arnold Dr. Christina Parker -Air Force Special Operations Command <i>Facilitator:</i> Dr. Meredith Shafto</p>
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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

Facilitator: Dr. Becky Robinson

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

Facilitator: Dr. Bill Page

1445-1500 TRANSITION

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

Track 2 - Learning Organizations

AI-Assisted Revisions for Curricula (ARC) for Army Training and Education: Techniques and Prototype Progress | Marshall

Dr. Jose-Luis Ambite -USC Information Sciences Institute

Facilitator: LTC Elvin Fortuna

Track 5 - Learning Strategies

Enhancing Scenario Planning with AI While Managing Group Dynamics for Complex Problem Solving | Arnold

Dr. Rheanna Plemons -Western Kentucky University, School of Leadership and Professional Studies; SFC George Joseph -U.S. Army Cadet Command

Facilitator: Dr. Audrey Ayers

1530-1545 TRANSITION

1545-1600 **CLOSING REMARKS** | Marshall

Dr. Keith Beurskens -Director, Vice Provost of Academic Affairs, Army University

1600-1645 **BREAKOUT SESSION - Artificial Intelligence Applications for Learning: Ways Forward** | Arnold

1730-1930 **SOCIAL** | Upper Atrium - Lewis and Clark Center

POSTER SESSION AIRCOEE DEMONSTRATION

WEDNESDAY, 26 JUNE

0900-0915 **WELCOME AND OPENING REMARKS** | Marshall

Mr. Alan Bodle -Deputy, Vice Provost for Digital Education, Army University

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

Considerations in Incorporating AI into the ALE | Marshall

Dr. Sena Garven -Army University, Vice Provost for Academic Affairs

Facilitator: Ms. Victoria Williams

Track 2 - Learning Organizations

Conflict Mapping Tools: Resilience, Education, Mission Accomplishment | Arnold

Dr. Ian Ederly -Army Special Operations Command, 1st Special Forces Command (A); Ms. Jessica Arriola - Department of Defense Education Activity, Southeast District

Facilitator: LTC Elvin Fortuna

1045-1100 TRANSITION



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1100-1200

CONCURRENT SESSION #5 (CHOOSE ONE)

Track 3 - Learning Science & Technology

Panel: Virtual Learning Practices: Potentials, Pitfalls, and a Path for Innovation | Marshall

Dr. Meredith Shafto -Army University, Vice Provost for Academic Affairs; Dr. Thomas Stewart -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

Facilitator: Dr. Audrey Ayers

Track 5 - Learning Strategies

TRADOC's New Frontier | Arnold

Dr. Dick McCallum -Army University, Vice Provost for Digital Education

Facilitator: Mr. Eric McClafin

Track 2 - Learning Organizations

Active Learning Pedagogy for Adult Online Education

| Arnold

Dr. Glen Downing -U.S. Army Command and General Staff College

Facilitator: Dr. Charles Vance

1200-1330

LUNCH (On Your Own)

1330-1415

INVITED SPEAKER | Marshall (Virtual)

Track 4 - Learning Data

Dr. David M. Markowitz -Army Chief Data Officer and Analytics Officer

1415-1430

TRANSITION

1430-1500

CONCURRENT SESSION #6 (CHOOSE ONE)

Track 1 - AI Applications for Learning

Artificial Intelligence-Enabled Cyber Training | Marshall

CPT Zachary Szewczyk -U.S. Army Pacific, 3rd Multi-Domain Task Force

Facilitator: Dr. Becky Robinson

Track 5 - Learning Strategies

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)

Facilitator: Mr. Doug Redel

1500-1515

TRANSITION

1515-1545

CONCURRENT SESSION #7 (CHOOSE ONE)

Track 3 - Learning Science & Technology

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

Facilitator: Dr. Becky Robinson

Track 4 - Learning Data

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

Facilitator: Dr. Meredith Shafto

1545-1600

TRANSITION

1600-1615

CLOSING REMARKS | Marshall

Dr. Keith Beurskens -Director, Vice Provost of Academic Affairs, Army University

1615-1700

BREAKOUT SESSION -Learning Science and Technologies/Learning Data: Ways Forward | Arnold



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THURSDAY, 27 JUNE

0900-0930 CONCURRENT SESSION #8 (CHOOSE ONE)

Track 1 - AI Applications for Learning

**Designing the Army Writing Enhancement Tool (AWE):
Generative AI to Promote Writing Skills** | Marshall

Dr. Benjamin Nye -USC Institute for Creative Technologies

Facilitator: Dr. Becky Robinson

Track 4 - Learning Data

**Developing Evaluations for Modernization: The Case of
the Captains Career Course** | Arnold

Dr. Meredith Shafto -Army University, Vice Provost for
Academic Affairs

Facilitator: Dr. Shanda Lauer

0930-0945 TRANSITION

0945-1000 WELCOME AND OPENING REMARKS | Marshall

Mr. Frank Wenzel -Director, Army Management Staff College, Army University

1000-1045 INVITED SPEAKER | Marshall (Virtual)

Track 2 - Learning Organizations - Women, Peace, and Security

COL Katie B. Crombe -Chief, Joint Operational War Plans Division

1045-1100 TRANSITION

1100-1200 CONCURRENT SESSION #9 (CHOOSE ONE)

Track 2 - Learning Organizations

**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

Facilitator: Dr. Charles Vance

Track 5 - Learning Strategies

**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

Facilitator: LTC Elvin Fortuna

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

Facilitator: Dr. Audrey Ayers

1200-1330 LUNCH (On Your Own)

1330-1400 RECOGNITION CEREMONY | Marshall

1400-1415 TRANSITION

1415-1445 CONCURRENT SESSION #10 (CHOOSE ONE)

Track 1 - AI Applications for Learning

**A Standards-Based Approach to AI-Enabled Learning
Detection in Unity-based Simulations, Field Training, and
Distributed Learning** | Marshall

Mr. Jim Goodell -Quality Information Partners; INFERable;
Institute of Electrical and Electronics Engineers; Mr. Shelly
Blake-Plock -Yet Analytics

Facilitator: Dr. Becky Robinson

Track 2 - Learning Organizations

**An Interview-Based Thematic Analysis of Army
Leaders' Central Tasks and Developmental Goals** |
Arnold

Dr. Sarah Kruger -Consortium of Universities of the
Washington Metropolitan Area; Dr. James Nye -Army
Research Institute for the Behavioral and Social Sciences

Facilitator: LTC Elvin Fortuna

1445-1500 TRANSITION



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1500-1545 CONCURRENT SESSION #11 (CHOOSE ONE)

Track 2 - Learning Organizations

Panel: Optimizing the Army as a Learning Organization: Quartermaster School's Learning Ecosystem | Marshall

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

Facilitator: Dr. Bill Page

Track 1 - AI Applications for Learning

Unlocking the Power of AI in Army Education: A Hands-On Workshop | Arnold

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

Facilitator: Dr. Shanda Lauer

1545-1600 TRANSITION

1600-1615 CLOSING REMARKS | Marshall

Dr. Keith Beurskens -Director, Vice Provost of Academic Affairs, Army University

1615-1700 BREAKOUT SESSION - Learning Organizations/Learning Strategies: Ways Forward | Arnold

FRIDAY, 28 JUNE

0900-1100 AIRCOEE DEMONSTRATION | Arnold

1130-1330 MUSEUM TOUR | Frontier Museum - 100 Reynolds Ave

POSTER SESSION: TUESDAY, 25 JUN 1730-1930 | Upper Atrium - Lewis and Clark Center

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

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



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TABLES | Upper Atrium- Lewis and Clark Center

Anthology; Blackboard: Inspire, Accelerate and Improve Course Design with Trustworthy AI
Golden Key Group: Crew Readiness 2030
Army University, Vice Provost for Digital Education: Conformance Testing and Acceptance of Distributed Learning Products for ATIS Learning
Association of the United States Army (*Tuesday Social and Thursday only*)
CGSC Foundation
Center for Army Leadership
Fort Leavenworth Education Center
SHARP Academy
Army University Press
Army University, Army Credentialing and Continuing Education Services for Soldiers (ACCESS)
Army University, Army Management Staff College (AMSC)
Army University, Vice Provost for Academic Affairs, Faculty and Staff Development Division
Army University, Directorate of Simulation Education

Help us capture the connections being made during the Symposium with a 1-minute survey:



<https://survey.tradoc.army.mil/EFM/se/0EE8827F5BE6BD18>

Surveys are anonymous. You can provide an optional contact to get connected to others who are interested in similar topics

Complete this survey **as many times** as you want throughout the Symposium - we want your feedback in real time!

What is this for? Real-time feedback on connections during the Symposium helps us identify the most useful topics for follow-up and the next Symposium

Got other types of feedback? A **survey invitation** will be emailed after the Symposium to get a full range of feedback