

LPC-24

THE LEARNING PROFESSIONALS' CONSORTIUM

March 2024
Empowering Minds: Engineering a Learning Evolution

*All times CT

LPC-24 Agenda – 13 March

8:00 a.m.	Welcome/Opening Remarks	Mr. Joe Diaz, AETC/A3BP
8:15 a.m.	Engineering a Learning Evolution	Dr. Wendy Walsh
9:15 a.m.	Facilitating Flexible Learning Experiences - The session will demonstrate use of instructional engagements through meaningfully curated course set up in manageable components that allow learners to easily find and engage with instructors, peers, and classroom resources. There will be a demo for this digital environment by using both MS Teams for facilitating communication and collaboration, and OneNote for classroom instruction and asynchronous help by instructor, as well as for digital note taking and annotation by the students.	Dr. Raluca Gera
10:15 a.m.	BREAK	
10:30 a.m.	Training That Impacts Business Results (Implementing the 6Ds) – Does your training increase student performance on the job after graduation? How do you know? Training is looked at as an 'event', and once it is done, managers expect employees to just know what to do and do it better than before. That way of thinking is a recipe for failure. In this session, share the journey to redefine a training model using the Six Disciplines of Breakthrough Learning, where you make sure students CAN and WILL transfer what they learn onto the job. The speaker will share lessons learned, how they create the complete experience and what it looks like, and how they adapted the course evaluations to capture credible outcomes instead of outputs. Click here for an introduction to the 6Ds.	Mr. Bradley Clark
11:30 a.m.	LUNCH	
1:00 p.m.	Advancing e-Learning: Leveraging AI for Personalized, Dynamic & Interactive Learning Experiences - Learn how Skillsoft is harnessing the power of Generative AI to deliver solutions for reskilling Department of the Air Force personnel with DAF e-Learning (DAFeL) on the Percipio learner experience platform.	Mr. Mark Onisk
2:00 p.m.	Using Physiological Monitoring of Cognitive Status to Guide Pilot Training in Virtual Reality –As undergraduate pilot training increasingly leverages virtual reality simulators, there are opportunities for accelerating learning by individualizing learning based on cognitive models. The team at MIT Lincoln Laboratory has partnered with the pilot training community to understand the needs of instructors, the modernizing systems used during training, and untapped opportunities for individualizing training. This talk will highlight results from laboratory studies on pilot training, tool	Dr. Hrishikesh Rao

development for Air Force instructors, and ongoing efforts to collect and analyze data from undergraduate pilot training.

2:30 p.m.

BREAK

2:45 p.m.

A Problem-Based Approach to Integrating Culture and Language Learning -
This presentation introduces a problem-based approach for teaching the cognitive skills and strategies associated with cultural competence within a language course, grounded in Adaptive Readiness for Culture (ARC).

Dr. Louise Rasmussen

3:45 p.m.

DAILY WRAP UP

LPC-24 Agenda – 14 March

8:00 a.m.

Welcome/Opening Remarks

Mr. Joe Diaz, AETC/A3BP

8:15 a.m.

The Forever Learner: Cultivating a Culture of Curiosity and Enduring Development - Intellect without curiosity is unfulfilled potential. Attendees will discover the evidence-based value of curiosity and the power of inquiry, learn how to integrate curiosity and inquiry into daily practices, and understand how to create an environment that propagates curiosity as driving developmental force.

Dr. Brittany Loney

9:15 a.m.

Building Successful Research Partnerships: Lessons Learned from a Failed Project - This presentation describes a failed \$100K neurocognitive research study conducted by the USAF School of Aerospace Medicine in partnership with a small business firm. Lessons learned from this unsuccessful partnership as well as how to avoid common mistakes while conducting federal research with external entities will be discussed.

Dr. Melanie M. Lazarus
MSgt Bradley “Kyle” Blair

10:15 a.m.

BREAK

10:30 a.m.

Aligning Civil Engineer Curricula with Air Force Operational Imperatives – The Civil Engineer School (TCES) is focused on accelerating change in officer education and leadership development to align with SECAF’s Operational Imperatives (OI). To achieve this, TCES has created the Strategic Threats Innovation Committee (STIC) whose aim is to effectively pivot officer force development courses to meet the pacing challenge. After this session, learning professionals will gain insight into operationalizing DOD senior leader goals into vital, relevant, and connected curricula and awareness of what the Civil Engineer enterprise is doing to prepare for the pacing challenge through an educational perspective.

Capt Dylan Gagnon
Capt Kelly Minor

11:30 a.m.

LUNCH

1:00 p.m.

Academic Advising as a Transformative Learning Experience - The presentation will provide examples of Transformative Learning Theory's practical application related to academic advising, broadly defined as student assistance regarding their learning. It will focus on the benefits of this approach in promoting lasting transformation that facilitates life-long learning.

Ms. Inna Kerlin

2:00 p.m.

Development of Military Leaders’ Systems Thinking Skills - This session will go over work that has been conducted to develop military leaders’ systems thinking skills, including the completion of a systems thinking competency model, current work on developing and validating a systems thinking assessment, and future work on forming a systems thinking anthology that

Dr. Ava Loer

captures how military leader systems thinking has been developed in various Army organizations and other military service components.

2:30 p.m.

BREAK

2:45 p.m.

Data Enhanced Learning and Training (DELT) - Harnessing the power of data to tailor learning experiences is essential for USAF training and PME. Our abundant data resources offer a unique opportunity to create personalized, effective education, equipping graduates with the skills they need for real-world challenges.

Lt Col Dwayne Clark

Lt Col Jennifer Castaneda

3 :45 p.m.

CLOSING REMARKS

For more event information, [click here.](#)