



EAGLE ENDEAVORS

JANUARY 2026



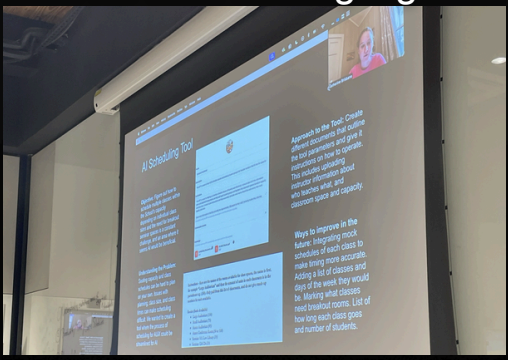
Leveraging AI

The Eagle Institute recently hosted 40 members of the AFJAGS staff for a specialized workshop titled “Leveraging AI for the Workspace.” Moving beyond high-level theory, the session focused on practical AI literacy, equipping participants with foundational Generative AI concepts and repeatable techniques. The curriculum was designed to transform AI from a novel concept into a functional asset for enhancing everyday workflows and driving creative problem-solving across the organization.

A standout moment of the workshop featured Catherine Brisbane, an AUiX/Eagle intern, who demonstrated the immediate mission value of these tools. By utilizing ChatGPT to build a prototype dashboard for class and facility scheduling, she provided a tangible example of how AI can solve complex logistical hurdles.

This demonstration served as a powerful proof of concept, showing that AI literacy can lead to rapid, high-impact solutions for long-standing administrative challenges.

By prioritizing hands-on experience, the Eagle Institute continues to ensure that personnel are not only prepared for the future of work but are actively shaping it. This initiative highlights the institute’s commitment to integrating smarter, more efficient tools into the daily mission. As AI continues to evolve, the focus remains on empowering staff to use these technologies as force multipliers for their strategic goals.





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EWI Support

In response to a request from AFIT/CI, the Eagle Institute recently coordinated immersive training sessions for a cohort of approximately 75 fellows and 36 coaches. The curriculum utilized a blend of high-impact methodologies, including the double-diamond design process and LEGO® Serious Play, to bridge the gap between creative theory and tactical execution. By utilizing these innovative frameworks, participants developed sophisticated industry solutions specifically tailored to address active Air Force problem sets.

These sessions encouraged participants to think outside the box—quite literally in the case of LEGO® Serious Play—to visualize and build out systemic improvements.

The goal was to foster a collaborative environment where fellows and coaches could co-create practical remedies for modern operational hurdles.

Looking ahead, this initiative will continue to evolve through a series of virtual workshops scheduled through June 2026. These upcoming sessions will focus heavily on AI-enabled problem solving and advanced decision support, ensuring that the remedies identified during the initial workshops are refined and prepared for implementation. This sustained effort highlights the Eagle Institute’s commitment to providing long-term, technology-driven support for critical Air Force issues.





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PROJECT Maple Seed

The Echo Lab makerspace partnered with Lt Col Derek Wibben, an Alpha Blue "WAR" student at the Air Command and Staff College, to revolutionize Small Unmanned Aircraft Systems (sUAS) delivery. This collaboration focuses on developing low-cost, passive aerial delivery mechanisms by leveraging the makerspace's advanced prototyping tools. By bridging the gap between academic research and tactical application, the team is exploring how nature-inspired designs can solve complex logistical challenges in contested environments. The project's technical core is centered the "autorotative" flight of a maple tree seed.

Using high-fidelity 3D scanning and additive manufacturing, the team is printing rotor-like assemblies that mimic the seed's natural ability to spin and slow its descent. This "scan-to-print" workflow allows for rapid iteration of airfoil designs, creating a delivery method that is more stealthy and mechanically simple than traditional parachute systems.





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AI and Wargaming

The momentum from Project CHUCK continues to build as Jeremy VanEgmond stepped in to assist Mr. Kyle Robinette, Director of Education for the CMSgt Leadership Course at the Barnes Center, guiding a diverse team of experts from the Barnes Center faculty, Air Force Wargaming Institute (AFWI), and AMESA (a SBIR Phase II partner).

The session moved beyond discussions about the latest AI tech to focus on the instructional backbone of effective training. Mr. VanEgmond led the group in a deep dive into the necessity of clear learning objectives and measurable Key Performance Indicators (KPIs).

By defining these metrics early, the team ensures they can accurately assess critical student outcomes—specifically their cognition, adaptability, and decision quality—within a simulated high-stakes environment.

These insights are set to steer the next phase of exploration: determining exactly how AI agents can augment AFWI wargames. The goal isn't to replace the player, but to use AI to enhance the complexity and realism of the scenario while keeping human judgment firmly at the center of the experience. This "human-in-the-loop" approach ensures that while the tools get smarter, our leaders get sharper.





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AI Sandbox Experience

Marking its third successful iteration in just 13 months, the AI Sandbox brought together 21 participants from six unique Air University entities, alongside key representatives from local academia and industry, to advance collaborative efforts in Professional Military Education. This hands-on seminar fostered a diverse exchange of perspectives on the ethical implications of emerging technology while equipping attendees with complementary tools to optimize data analysis and content creation. The session concluded with strong participant praise for the actionable knowledge gained, signaling a clear institutional demand for continued high-level engagements to navigate the rapidly evolving AI landscape.

Beacon Series & IX Course Support

In January, The Eagle Institute supported VECTOR programming by providing integrated marketing and logistical coordination, while also leading a two-hour module on Learning Space Design Principles (LSDP) for the Immersive Experience (IX) course. Drawing on the Project Praxeum framework, the team helped educators and leaders envision future learning environments and identify the practical steps needed to keep those spaces sustainable. This highlights the Eagle Institute's ongoing commitment to helping personnel design and maintain modern, effective educational settings.

