



**ARTIFICIAL INTELLIGENCE INTEGRATION CENTER
PITTSBURGH, PA
2025 Visitor Manuel**



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AI2C Overview

Mission Statement: Identify, synchronize, and accelerate the development, integration, and adoption of effective and timely AI solutions.

AI2C accomplishes its mission through five lines of effort:

1. **Set the Conditions (Infrastructure and Data)** Achieving and synchronizing the core tasks essential for delivering AI effects at decisive points. This LOE starts with data engineers first delivering data to accessible storage and transforming data into usable formats. Data scientists then extract useful information in the pursuit of forming models to predict future states. Finally, software engineers provide the components with which end users interact to gain insight from delivered data and models.
2. **AI Workforce Development** A core component of AI2C's technical expertise is the center's workforce development effort, which is aimed at providing the Army with effective AI talent at all levels. The effort includes several programs: a program to educate Army officers in artificial intelligence (AI) and machine learning (ML) operations (the AI Scholars Program), a program to train Soldiers of all ranks to enable and support AI operations (the AI Technician Program), and a program to educate Army senior leaders on how to build infrastructure and teams that can advance the Army's technological capabilities (the Data-Driven Leaders Course). The combination of these programs as well as the center's work on how AI talent should be implemented and managed represents AI2C's commitment to ensuring that the Army can maintain its competitive technical advantage to fight and win the Nation's wars.
3. **Modernizing our Platforms** Accelerating the IT ecosystem to enable insight and efficiency. AI2C forces first shape this LOE by evaluating and exploiting modern compute, storage, network, and perception to create the necessary physical conditions both at the tactical edge and in the enterprise (cloud) for AI delivery. AI2C teams then target critical gaps in the software capabilities present in Army technical stacks to ensure fluid and accurate allocation of constrained resources for mission success.
4. **AI Governance and Partnerships** AI2C coordinates and partners across the Joint and Federal Enterprise to provide clear and concise guidelines and business practices for the end user; develop utilization frameworks; inform policy; and maximize interconnectivity and intercommunication while maintaining appropriate security controls.
5. **AI Ethics** The AI2C's Responsible AI (RAI) team researches and develops processes and frameworks to ensure that AI products and systems synchronize with the AI ethics principles that the DoD follows: responsible, traceable, reliable, governable, and equitable. The RAI team works across four main lines of effort: developing the Army RAI framework; preparing and educating an AI ready workforce; broadening partnerships and collaborations across government, academia, and industry; and integrating RAI methodologies into existing Army capabilities and processes.



AI2C partnership with Carnegie Mellon University

The AI2C partners with Carnegie Mellon University (CMU), a global research university recognized for its world class technology programs and innovative leadership in education, in three main areas: workforce development, basic research, and applied research.

The AI workforce development program provides education and training opportunities at the leadership, professional, and technician levels to establish an Army-wide AI culture. At the core of this partnership are three pilot programs that establish AI-focused education generating a pipeline of AI talent at various levels across the Army workforce: the Data Driven Leadership Program, the AI Scholars Program, and the AI Technician Program. Data Driven Leadership (DDL) is a one-week certification course designed to illustrate to Army leaders the potential of improved data-driven decision making in a variety of domains. The Army AI Scholars Program (AISP) is a two-year master's degree or three-year PhD program designed for Army professionals (junior officers and civilians) specializing in data science, including advanced data analytics, data engineering, and autonomous systems engineering. AI2C partners with CMU's Heinz College (School of Information Systems and Management - ISM), CMU School of Computer Science (SCS), and CMU College of Engineering to provide graduate programs for the AISP. The AI Technicians Program (AITP), is a certified 36-month program designed to develop a modernized workforce at the AI Technician level, including with cloud-native development and deployment supporting both AI models and traditional software development processes.

AI2C partners with the world-class faculty at CMU to conduct a variety of basic research projects that broadly fall into three key research areas: foundation models, distributed AI, and human-AI interaction. AI2C maintains high-frequency touchpoints with the basic research principal investigators to find the right landing points for this research to quickly get incorporated into AI2C portfolio projects. Among many other basic research efforts, AI2C has funded projects that seek to gain a better understanding of: (1) automating AI model training at the edge, using edge devices to adapt AI models to changing environmental conditions; (2) developing improved collaboration of robotic autonomous systems leveraging advanced threat detection algorithms; (3) improving object detection and recognition algorithms using few shot detectors to learn novel objects from both visual information and semantic relations; and (4) evaluating novel approaches to streamlining collaborative AI development.

Finally, AI2C leverages two major applied research capabilities at CMU: the Software Engineering Institute (SEI) and the National Robotics Engineering Center (NREC). The SEI is a Federally Funded Research and Development Center (FFRDC)—a nonprofit, public-private partnership that conducts research for the United States government. AI2C leverages the research abilities at the SEI to mature basic research into advanced prototypes in the areas of complex software engineering, cybersecurity, and AI engineering problems; creating and testing innovative technologies; and transitioning maturing solutions into practice. NREC is the world's largest robotics research and development organization. AI2C works closely with NREC to develop and mature robotic technologies from concept to delivery into Soldiers' hands through rapid proof-of-concept demonstration followed by an in-depth development and testing phase.



Center Leadership

Colonel Isaac J. Faber, Ph.D.

Director, U.S. Army Artificial Intelligence Integration Center (AI2C)



COL Faber serves as the Director of Army AI Capabilities at the Army Artificial Integration Center (AI2C) which was established under Army Futures Command on October 2, 2018. AI2C is intended to narrow an existing AI capability gap by leveraging current technological applications to enhance warfighters' capabilities, preserve peace, and, if required, fight to win. With its establishment, the AI2C leads and integrates the Army artificial intelligence strategy and implementation plan, synchronizes key development efforts, and sets the foundations for operationalizing Artificial intelligence within the Army Modernization Enterprise. The organization is based out of Carnegie Mellon University in Pittsburgh, PA, leveraging the Pittsburgh ecosystem related to AI and robotics.

COL Faber previously served as Director of the U.S. Army's Artificial Intelligence Integration Center (AI2C) AI Factory, which worked to build and deploy data focused and AI

products that solve Army problems and deliver useful capabilities to Soldiers. His primary focus was to lead and transition AI material development efforts within AI2C with responsibility for the technical feasibility and operational deployment of various AI products focused on Army modernization initiatives. He also assisted in the execution of the Army AI and Data Strategies, which established priorities for Army AI and cloud infrastructure development and deployment efforts and projects. Additionally, he provided data science and AI expertise to assist prioritization of AI capabilities within each Cross Functional Team, that are part of Army Futures Command, to enable Multi-Domain Operations. COL Faber established and led the first operational data science capability within the AI2C's AI Factory. In addition to technical focuses, he also secures and manages funding for AI2C's material development portfolio and the Army's community-based AI and data science development ecosystem. COL Faber previously served as AI2C's Chief Data Scientist and oversaw technical aspects of the projects in AI2C's Portfolio along with leading the design and deployment of the Army's next generation AI development platform, as one of the Center's founding members. Formerly, he led the architecting and deployment of the first operational big data platform in the DoD as the lead data scientist at U.S. Army Cyber Command.

COL Faber is also an Assistant Professor with the Systems Engineering Department at the United States Military Academy at West Point and instructor at Carnegie Mellon University and Stanford University, where he teaches courses focused on practical machine learning and continuing education courses focused on data-driven leadership and building data-driven cultures, respectively. COL Faber holds a Master of Science in Industrial and Systems Engineering from the University of Washington and a Ph.D. from Stanford University, where he researched risk management in cybersecurity using AI and human cooperation. He is also a Ranger qualified combat veteran serving tours as an Infantry Platoon Leader and Company Commander.



COL MICHAEL R. BERRIMAN

Deputy Director, U.S. Army Artificial Intelligence Integration Center (AI2C)



COL Michael Berriman was raised in Springfield, Missouri and graduated as a Distinguished Military Graduate with a Bachelor of Arts in Psychology from Southwest Missouri State University in 2000, where he earned a commission as a second lieutenant in Armor.

COL Berriman's assignments include Scout Platoon Leader, Camp Garry Owen Korea; Scout Platoon Leader, Troop Executive Officer, Squadron S4, Brigade Assistant S4, and Company Commander, Fort Stewart, GA; Small Group Instructor and HRC Assignment Officer, Fort Knox, KY; Aide-de-Camp, Fort Monroe, VA; Aide-de-Camp, Heidelberg, Germany; Squadron S3 and Regimental XO, Vilseck, Germany; HRC Assignment Officer, Fort Knox, KY; Commander of the 8th Squadron, 1st US Cavalry, 2nd Stryker Brigade, 2nd Infantry Division; Commander of the

3rd Squadron, 1st SFAB, Fort Benning, GA; and G3 Operations Officer, Security Force Assistance Command, Fort Bragg, NC; Brigade Commander Task Force Sinai and Chief of Staff MFO.

COL Berriman's deployment experiences include Operation Iraqi Freedom as a Scout Platoon Leader with 2BCT/3ID; Operation Iraqi Freedom 3 as the Brigade Assistant S4, 4BCT/3ID; Operation Iraqi Freedom 07-09 as a Company Commander, 4th Battalion, 64th Armor Regiment, Operation Enduring Freedom as Regimental Executive Officer, 2nd Cavalry Regiment; and Enhanced Counter-narcotics operations in Colombia as Squadron Commander, 3d Squadron, 1SFAB, Peace Treaty mandate in Egypt.

COL Berriman is a United States Army War College graduate with a Masters in Strategic Studies, and a graduate of Webster University with a Masters of Arts in Management and Leadership.

His awards include the Legion of Merit, Bronze Star Medal with Valor Device, the Bronze Star Medal (with 2 oak leaf clusters), the Meritorious Service Medal (4 oak leaf clusters), the Army Commendation Medal (with 6 oak leaf clusters) and the Combat Action Badge.

COL Berriman is married to his wife Heidi. They have two daughters: Isabelle (14) and Claire (12).



Jared L. Ireland

Senior Enlisted Advisor, Army Artificial Intelligence Integration Center



Sergeant Major Jared L. Ireland is a native of New Cumberland, West Virginia, he enlisted in the U.S. Army June 1993 attended Basic Combat Training and Advanced Individual Training at Fort Sill, Oklahoma where he was awarded the Field Artillery (13F) Military Occupational Specialty.

Sergeant Major Ireland's duty positions consisted of Radio Telephone Operator, Fire Support Specialist, Forward Observer, Combat Observation Lasing Team Sergeant, Company Fire Support Sergeant, Battalion Fire Support Sergeant, Platoon Sergeant, Brigade Fire Support Sergeant, Fires and Effect Coordination Cell Operations Sergeant; First Sergeant, Senior Military Science Instructor, Battalion Command Sergeant Major, Senior Observer Controller for Live Fire, Sergeants Major Management Division Talent Manager, and AI2C Senior Enlisted Leader.

Sergeant Major Ireland's assignments include 8th Battalion, 8th Field Artillery, Camp Stanley, Korea; 2nd Battalion, 82nd Field Artillery, Fort Cavazos, Texas; 2nd Battalion, 17th Field Artillery, Camp Hovey, Korea; 3rd Battalion, 319th Airborne Field Artillery Regiment, Fort Liberty, North Carolina; 1st Battalion 7th Field Artillery, Schweinfurt, Germany; 1st Battalion, 5th Special Forces Group, Fort Campbell, Kentucky; 3rd Brigade, 187th Infantry, Fort Campbell, Kentucky; 3rd Battalion, 320th Field Artillery, Fort Campbell, Kentucky; 8th Brigade, Army Reserve Officer Training Corp, Oregon State University,

Corvallis, Oregon; United States Army Sergeants Major Academy (USASMA), Fort Bliss, Texas; 2nd Battalion, 11th Field Artillery Regiment, Schofield Barracks, Hawaii; Joint Multination Readiness Center, Hohenfels, Germany; 6th Battalion, 4th Security Forces Assistance Brigade, Fort Carson, Colorado; Human Resource Command, Fort Knox, Kentucky, and Army Futures Command, Artificial Intelligence Integration Center, Pittsburgh, Pennsylvania. His combat deployments consist of Operation Enduring Freedom III, Operation Iraqi Freedom II, Operation Iraqi Freedom 06-07, Operation Iraqi Freedom 07-08, Operation Enduring Freedom 10-11, Operation Enduring Freedom 12-13, and Operation Freedom Sentinel 20-21.

Sergeant Major Ireland's military education includes the Fire Support Specialist Course, Airborne School, Basic Leaders Course, Joint Fire Power Control Course, Air Movement Operations Course, Advance Leaders Course, Naval Gunfire Course, Observer Controllers Course, Jump Master School, Senior Leaders Course, Joint Operational Fires and Effects Course, Joint Fires Observer Course, Air Assault School, Senior ROTC Pre-Command Course, Sergeants Major Course (Class 66), Battalion Pre-Command Course, Command Sergeant Major Development Program, Security Forces Assistance Advisor Course, and Tactical Combat Casualty Course.

Sergeant Major Ireland's awards and decorations include the Bronze Star with "V" for valor, Bronze Star (4th OLC), Meritorious Service Medal (3rd OLC), Army Commendation Medal (Bronze and Silver Oak Leaf), Army Achievement Award (Silver Oak Leaf), Good Conduct Medal (9th Award), National Defense Service Medal (1st Bronze Star), Korean Defense Service Medal, Afghanistan Campaign Medal (3rd Bronze Star), Iraq Campaign Medal (1st Bronze Star, Army Service Ribbon, Army Overseas Service Ribbon (7th Award), NATO Medal (1st Bronze Star), Parachutist Badge, Senior Parachutist Badge, Air Assault Badge, Combat Action Badge and Field Artillery Saint Barbara Medal. Sergeant Major Ireland has earned his Bachelor of Science degree in liberal arts from Excelsior University, Albany, New York.



Finance, Business and Operations(FBO)

Overview and Leadership

Mission statement: Provides AI2C with timely and effective staff, contracting, and resource management support.

Vision statement: FBO increases AI2C mission effectiveness through streamlined staff support, cross-directorate collaboration, and prompt responsiveness.

The FBO is the operation cell of AI2C without them everything else would slow to a stop. FBO and it's team are broken into four core activities: Resource Management, Operations, Security & Intel, and Strategic Planning. These takes done successfully ensure smooth daily operations and cover a range of issues from budget, travel, operations, coordinating with AFC HQ and many others.

Core Activities

1. **Resource Management** FBO manages human capital, budget and funding resources and facilities. Some activities to ensure success in this core activity include creating a spend plan, creating requests to show what our requirements at the center are for future years to receive xx number of dollars/resources, evaluating employee performance and ensuring HR documents are up to date.
2. **Operations** FBO is responsible for maintaining timelines and communication with outside organizations. Also added to this are the responsibilities of training, planning, conducting operations, force development, and modernization in the center. Some tasks to ensure success of this core activity include conducting synchronization meetings, coordinating with higher on mission requirements or request for information and managing annual events at the center.
3. **Security & Intel** Security plays a crucial role in facilitating clearance reinvestigations to ensure personnel maintain required security clearances, thus upholding the integrity of the facility's access controls and personnel vetting procedures. Additionally, they oversee the processing of Visitor Access Requests (VARs) for external visits, verify visitor credentials, and conduct necessary background checks to authorize access in alignment with security protocols and facility regulations. Security personnel also analyze potential threats within the organization's vicinity, gather information on local activities that could impact security, and collaborate with security teams to assess risks and develop strategies for threat mitigation, enhancing situational awareness and proactive security measures. Additionally, has a threat analysis that conducts intel based around A.I. and as it pertains to the organization.
4. **Strategic Planning support** an organizational management activity that is used to set priorities, focus energy and resources, strengthen operations, ensure that employees and other stakeholders are working toward common goals, establish agreement around intended outcomes/results, and assess and adjust the organization's direction in response to a changing environment.



Mr. Peter S. Duklis, Jr. (DUKE)

Director, Resource Management and Operations, U.S. Army Artificial Intelligence Integration Center (AI2C)



Mr. Duklis is Director of the U.S. Army's Artificial Intelligence Integration Center (AI2C) Finance, Business and Operations (FBO) Directorate/Chief of Staff, which provides for human capital, resource management, acquisitions and agreements, logistics, information technology, intelligence and security, operations and strategic planning and communications for AI2C.

Duke is responsible for all aspects of support and operations across AI2C and its partners and stakeholders throughout the Army, Department of Defense, Industry and Academia.

Mr. Peter "Duke" Duklis is a native of Pennsburg, Pennsylvania. He received an Army ROTC Scholarship to California University, where he was commissioned as a Second Lieutenant.

During his military career, Mr. Duklis commanded Platoons through Brigade levels and earned advanced degrees from Columbia University, Pennsylvania State University, and the U.S. Army War College. He served in every geographical Combatant Command; most notably 2 US Embassies, Supreme Headquarters Allied Powers Europe (SHAPE), U.S. Army Special Operations Command (USASOC), the Joint Staff and National Nuclear Security Administration (NNSA). He was a Special Operations, Foreign Area, and Nuclear and Counter-proliferation Officer and conducted combat and contingency operations in Latin America, Africa, the Balkans, and Middle East. "Duke" retired from the Army as a Colonel, after 30 years of service.

Duke transitioned from the Army to a DOD Civilian working as the Chief, Strategic Planning and Policy Integration Office, (J50), Defense Threat Reduction Agency (DTRA). During his four-year assignment to DTRA, Mr. Duklis was selected to lead a Joint Task Force, Afghanistan for 15 months. After his deployment to Afghanistan, Duke joined the Senior Executive Service (SES), as the Director, Office of Field Support and Operations, United States Department of Housing and Urban Development HUD. Since HUD, Duke served as the Director of Operations, Navy Region Europe, Africa, Southwest Asia, Naples, Italy and Deputy Operations Officer, Naval Facilities Engineering Systems Command (NAVFAC). His previous position was Director, Resource Integration at Chief Digital and Artificial Intelligence Office, DOD.



Requirements Overview and Leadership

Vision Statement: As the AFC's lead AI Capability Developer, integrate the AI/ML input across the DOTMLPF-P products to produce a trained and ready AI-enabled force. Ensure Army Formations possess world-class AI capabilities at speed to maintain battlefield dominance. Additionally, provide support for Responsible AI practices, assess AI redundancy, and develop an integrated AI viewpoint so that Army Sr. Leaders are better informed. Within the Center, create an analytical Operational perspective through the interactions across the CAPDEV CoP by integrating ideas, products, practices, and demand signals. These activities will inform and shape efforts across the Center by providing the needed logical understandable Warfighter justifications.

Mission Statement: As the AFC's Lead AI Capability Developer, steward the integration of AI/ML into the following CAPDEV activities: FOE, FSP, Family of Army Concepts, JCIDS Requirements, the focus of Research, AI-related Studies, and AFC-related prototyping Experimentation. Additionally, develop and set conditions for Responsible AI Development. Properly integrated responsible AI/ML input into these activities will improve readiness and ensure our formations are technologically equipped to outmatch any adversaries. Within the Center, steward the integration of CAPDEV Activities to shape and inform project selection, technology transition agreements, and Knowledge Products for the AI Factory as well as budgetary "Operational Justification" for the FBO.

Purpose Statement: Act as the center of gravity for the integration of AI DOTMLPF-P development to deliver AI capabilities for the Force of 2030 and design AI solutions for the Force of 2040 to transform the Army to be fully AI-enabled so that we compete and win future armed conflicts against peer adversaries.

Core Activities:

- Develop and set conditions for AI within the Future Operational Environment.
- Provide the SME contribution to the Future Study Plan and Army Concepts
- Develop and set conditions for Responsible AI development.
- Provide the SME contribution for AI within prototyping experimentation so that similar AI efforts can be assessed in a better manner.
- Develop an AI M&S tool to help in the development of analytical Requirements.
- Provide integration for Army AI Studies so that collectively they paint a better holistic view of AI for the Army.
- Develop, establish, and set conditions for AI JCIDS Requirements Development
- Provide the AI2C with Army Acquisition SME DS/GS support (not to include Project Management), with a focus on the development of MOUs, Tech Transition Agreements, and Knowledge products.
- Develop within AFC, integrated AI capability assessments that address research, practices, and procedures to better synchronize AI activities across the Command.
- Develop the Army's Operational Overview of AI needs and requirements so that better-informed decisions can be made.



Mr. Michael A. Meneghini

Director, Mission Integration & Capability Development, Army Artificial Intelligence Integration Center



Mr. Meneghini is the Senior Capability Developer within the AI2C and the Director of the Mission Integration and Capability Development Directorate. His Directorate is organized and responsible for contributing the integrated AI input for Army CAPDEV products from the Future Operating Environment, Future Study Plan, Concepts, JCIDS Requirements, and Experimentation. It develops a tool that show the holistic impact of capability improvements in a M&S environment. And helps integrate Army Studies that include AI so that they collectively provide greater understanding and impact. It also is the Army lead for Ethically Responsible AI Policies and Developmental Practices. He coordinates with Army Futures Command, Future and Concept Center, Cross Functional Teams, and the Warfighting Functional CDIDs

along with other Army proponents for the development of DOTMLPF-P solutions. He directs and participates in a variety of integrated teams, working groups, and other forums and symposia to develop, delineate, defend, and disseminate Army AI needs and JCIDS Requirement documents. He was one of the original members of the AI-Task Force and has support of the growth of the AI2C since Aug 2019. He Civilian Award include the Meritorious Civilian Service Medal, the Civilian Service Accommodation twice, and the Civilian Service Achievement Medal twice. Prior to coming to Pittsburgh, he served as the S&T Advisor for TRADOC/ARCIC. Of note was developing the integrated Army S&T Needs used in the Army budget governance process and executing the Command's industry engagements. Prior to that he served as Senior Operation Research Analyst within the Surface Deployment and Distribution Command. Of note was SDDC S&T Advisor, Chief of Staff TEA, and Project Manager for Installation Deployment software. He retired from uniformed serves after 21 years as a Logistician.

Mr. Meneghini's education includes bachelor's degree from the University of Pittsburgh, a Management and Leadership from the Sloan School of Management at Massachusetts Institute of Technology (MIT). He is a graduate of the Logistic Executive Development Course, and the Army Civilian Advance Course. He is also a proud Blue Star Family Member and a Yinzer.



AI Incubator Overview and Leadership

Mission Statement: Build and deploy data focused and AI products that solve Army problems.

The AI Factory is a diverse organization composed of permanent party Soldiers, graduates of the Artificial Intelligence Scholars Program (AISP), graduates of the Cloud Technician Program, Department of the Army Civilians, and contractors. We forge partnerships with academic institutions, defense contractors, and other government organizations in the course of our work. The Army has entrusted us with the critical task of operationalizing AI during both peacetime and war. We, in turn, place our trust in our people to carry out this mission to the best of their abilities. This often involves working in ill-defined environments with cross-functional teams on high-visibility projects that involve senior Army leaders. We empower our people with the autonomy and authority needed to tackle some of the Army's most pressing issues. In return, we expect them to exercise disciplined initiative, solve problems they are not trained for, build user-centric teams, and expand the Army's AI community in support of these goals.

The AI Factory plays a unique and consequential role in the modernization process of the Army. Several factors make our mission challenging, including network restrictions, policy considerations, and organizational intricacies inherent in every solution. We operate in a domain dominated and driven by civilian use-cases. AI solutions almost invariably form part of a larger solution or process, often not built or controlled by us. Regardless of these hurdles, our success will be judged based on our ability to navigate this complex environment and deliver valuable capabilities to our users, U.S. Army Soldiers. If we fail to deliver, it signifies our inability to fulfill our mission. The process through which we, the AI Factory, build and deliver solutions is known as Artificial Intelligence Operationalization (AIOps).

There are six portfolios that AI Factory members are aligned to. Foundations and Theory, Infrastructure and Platforms, Robotics and Autonomous Systems, Operations and Intelligence, Soldiers and Sustainment, and Cyber, SOF, and Space. All of our projects fall under one of these Portfolios.

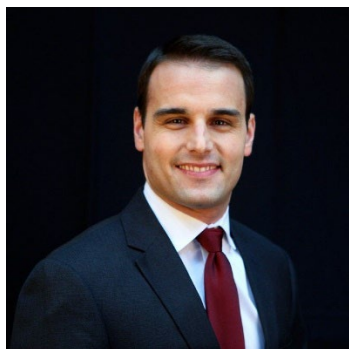
Here is the link to the document (Factory SOP) if you want to pull more information from it:

[https://armyeitaas.sharepoint-mil.us/:w:/r/teams/AI2CKMDevelopmentTeam/Shared%20Documents/AI%20Factory%20\(Open\)/AI%20Factory%20SOP%20-%20v2.0%20JAN24.docx?d=wab48961eaab340aa9a2d0bbf7799d37d&csf=1&web=1&e=OuV4mF](https://armyeitaas.sharepoint-mil.us/:w:/r/teams/AI2CKMDevelopmentTeam/Shared%20Documents/AI%20Factory%20(Open)/AI%20Factory%20SOP%20-%20v2.0%20JAN24.docx?d=wab48961eaab340aa9a2d0bbf7799d37d&csf=1&web=1&e=OuV4mF)



Lieutenant Colonel Thomas P. Dirienzo

Director, U.S. Army Artificial Intelligence Integration Center, AI Incubator



LTC Thomas P. Dirienzo was born and raised in New Jersey. He attended the United States Military Academy at West Point, where he received a Bachelor of Science in Computer Science and branched Aviation. He currently serves as the Director of the U.S. Army's Artificial Intelligence Integration Center (AI2C) AI Incubator, a role in which he works to build and deploy data-focused AI products and AI workforce that solve Army problems and deliver useful capabilities to Soldiers.

Prior to his current role, LTC Dirienzo served as the Portfolio Lead for the Soldier and Sustainment portfolio at AI2C. In this position, he led the creation of the Predictive Maintenance (PMx) project, which builds and delivers AI-enabled PMx capabilities to warfighters, maintainers, and commanders at all echelons, from the maintenance area to the Pentagon.

LTC Dirienzo has a diverse background of service within the Army. He has served as a Maintenance and Flight Platoon leader with the 1-2 Attack-Reconnaissance Battalion (ARB) in Camp Eagle, South Korea, and as a Company Commander for the 3-159 Attack-Reconnaissance Battalion (ARB) in Storck Barracks, Germany. Following command he held roles at the Cyber Center's Capability Development Integration Directorate and worked for the Assistant Secretary of the Army for Acquisition, Logistics, and Technology.

LTC Dirienzo is a highly educated leader, holding a Master's in Systems Engineering from George Washington University, which he acquired through the Army's Advanced Civil Schooling program. After completing his Master's degree, he transitioned into the FA49 Operations Research/Systems Analysis MOS.

LTC Dirienzo is married with two children.

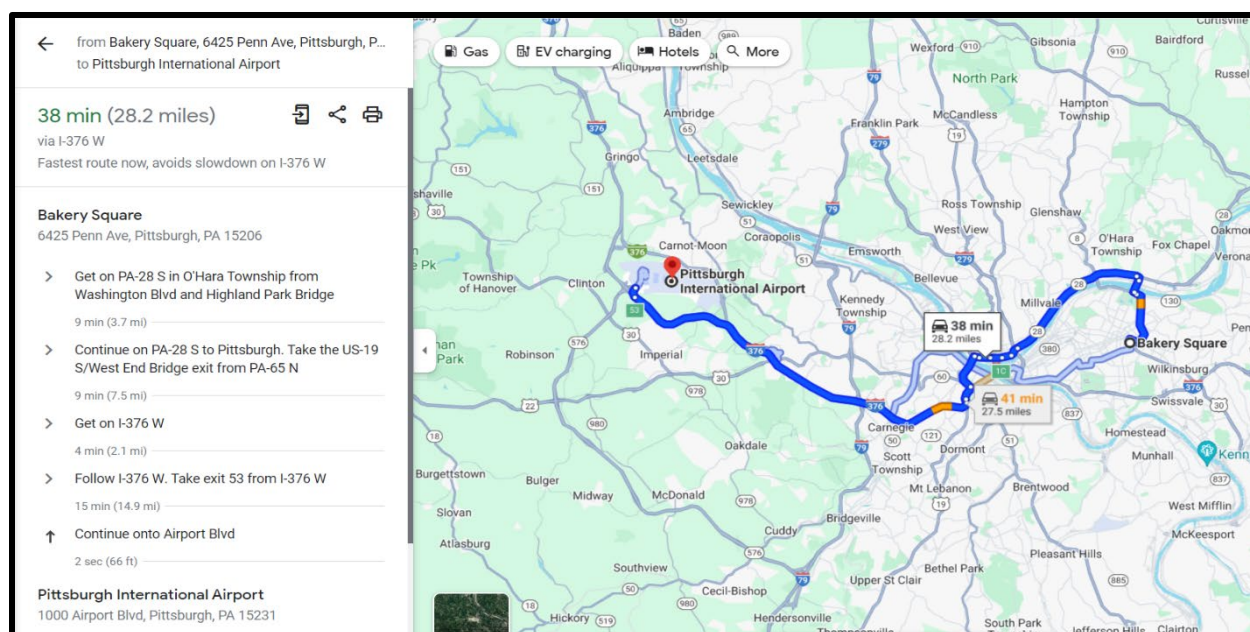


Traveling To AI2C

Address: 6425 Living Place suite 100 Pittsburgh, PA (East Liberty neighborhood)

Traveling from the Pittsburgh International Airport

Distance: 29 miles. Time to Travel: 40min to ~1hr and 15mins (slowest times between 7:30am-9:00am and 4:30p.m.-6:30p.m.)



Upon arriving to Bakery Square please park in the South Parking Garage (192 Bakery Square Blvd. Pittsburgh, PA 15206). You must go on Dahlem place or Bakery Square Blvd for garage access there is no entry on East Library Blvd. (see map on page 14.)

Rates for parking:

- 0-2 Hours: Free
- 2-5 Hours: \$6.00
- 5-10 Hours: \$9.00
- 10-24 Hours: \$16.00

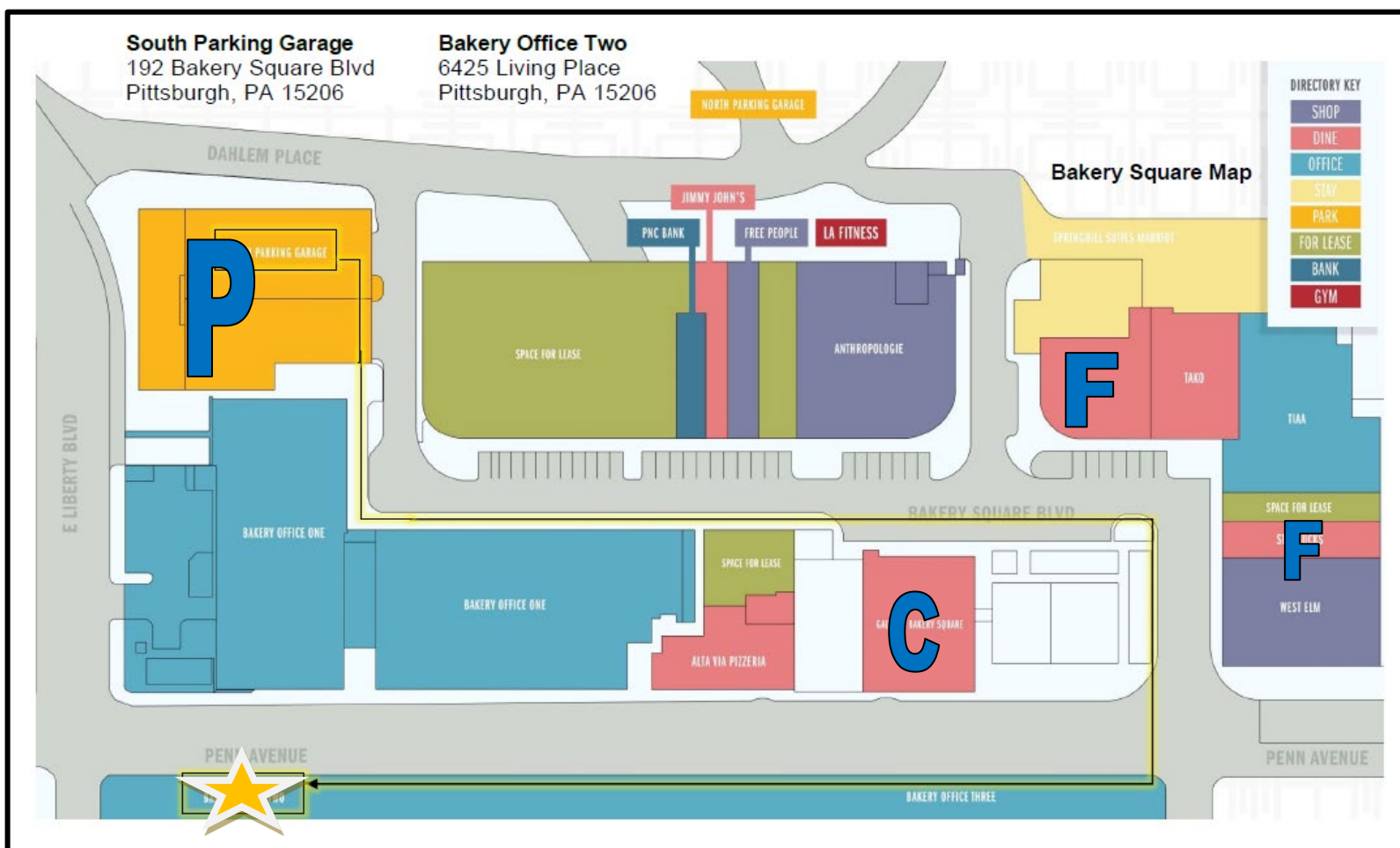
When parking please try to be on the fourth floor. The fourth floor has the bridge that connects our office building to the parking garage. Your AI2C host will escort you from the parking garage to our office. You need a CMU ID to unlock several doors.

Parking maybe paid for at the gate with ATM card, receipts will be printed and the expense is reimbursable on DTS.



Map of Bakery Square:

- AI2C is in blue located in the lower left corner at the intersection of Penn Ave. and East Liberty BLVD. See Gold star.
- South Parking Garage is in yellow located in the upper left corner off of East Liberty. See. "P"
- City kitchen is located in red near the center. See "c"
- Starbuck and Panera are located on "F"





Dining at AI2C

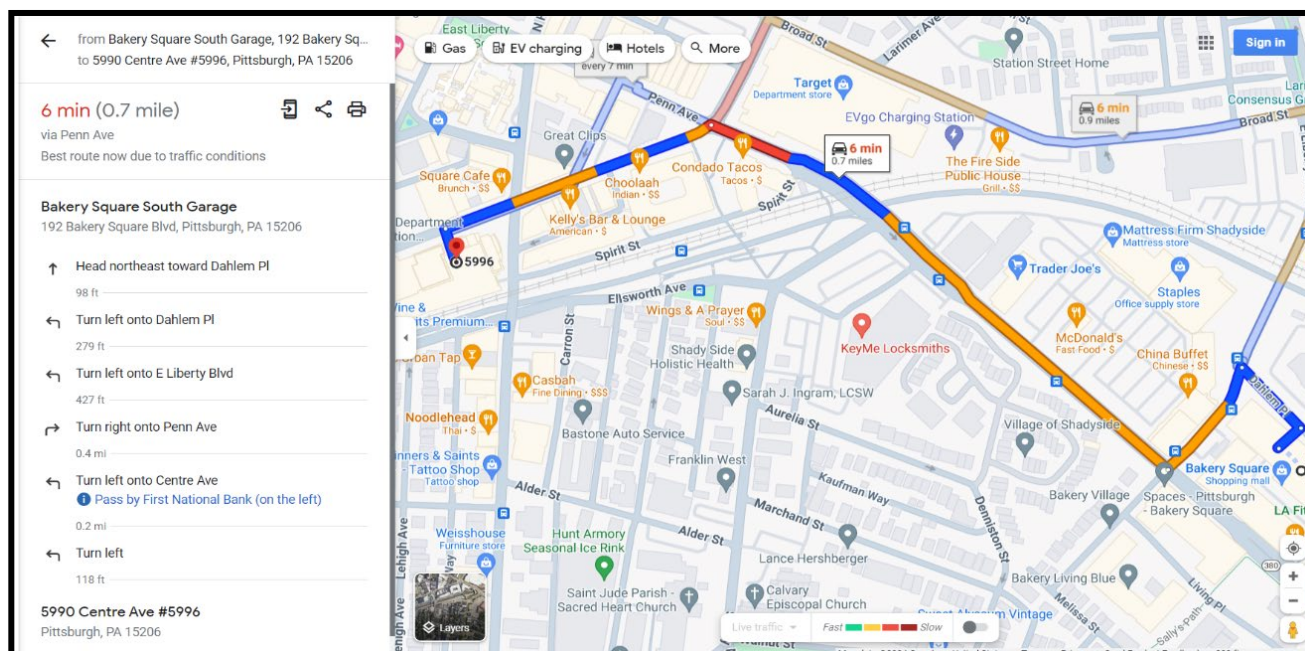
1-Day Visits (Working Lunch COA)

AI2C has a lot of activities to discuss and often our 1-day visits are pressed for time. We suggest a working lunch for all 1-day visits. We recommend ordering food from City Kitchen. [City Kitchen | Restaurant in Pittsburgh, PA \(citykitchenpgh.com\)](http://citykitchenpgh.com). City Kitchen has 4 different restaurants in one offering a range of items such as healthy salads, American-bar food like burgers, Korean and Hawaiian. The website allows visitors to pre-order food up to two days in advance enabling easy pick-up by AI2C personnel, so visitors and AI2C personnel can maintain work without stoppage.

2-Day Visits (Stopping for Lunch COA)

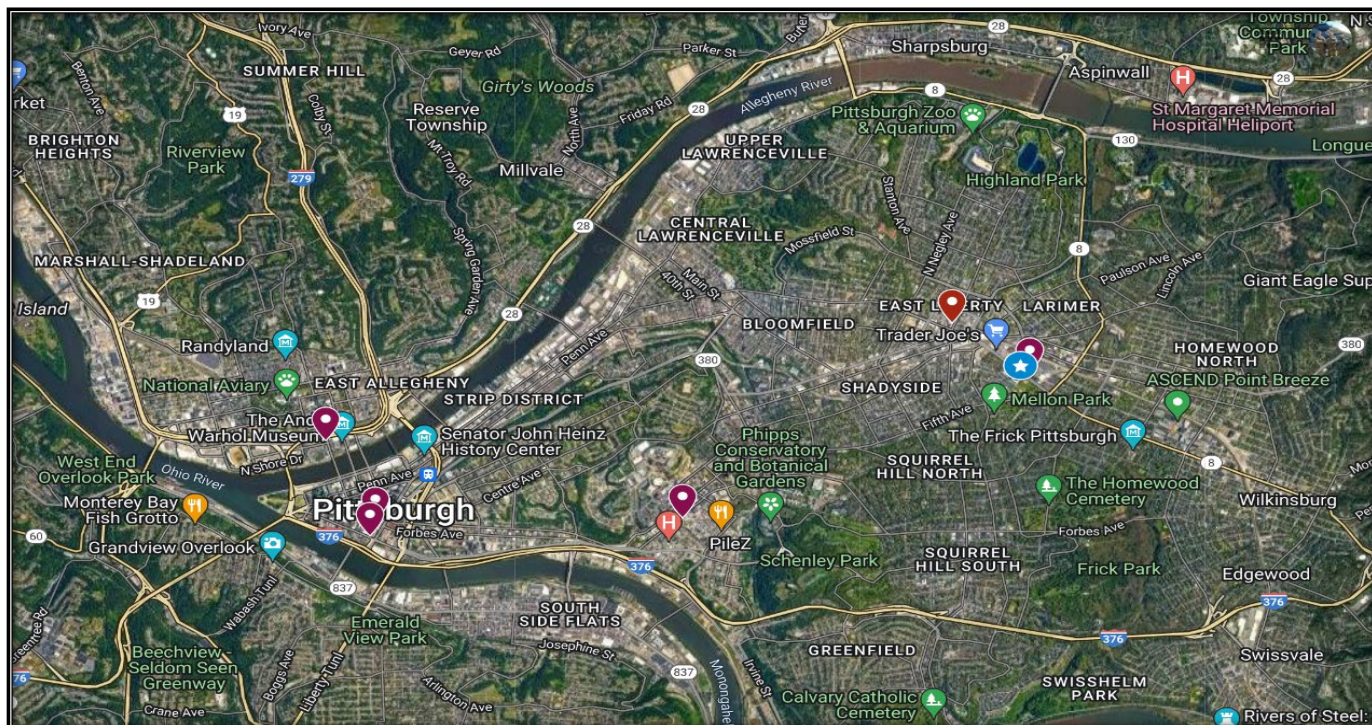
If you are looking to have a planned stop for lunch, we recommend dining in East Liberty. East Liberty offers sit down quick casual dining for pizza, Indian, two vegetarian salad places, burgers, brunch, and bar cuisines.

East Liberty's downtown area is 0.7 miles from Bakery square and is about a 5-8 min drive. Please see attached map for directions to the East Liberty free parking garage.





Staying at AI2C



For an interactive map please visit: [Hotel Map - Google My Maps](#)

Recommendations are listed from closest to farthest away.

1: SpringHill Suites by Marriott Pittsburgh Bakery Square

Distance from BKSQ: 600ft

Time to travel to our office: 2-4 min (walk)

2. Hotel Indigo Pittsburgh East Liberty

Distance from BKSQ: 0.8 miles

Time to travel to our office: 3-7 mins

3. Hilton Garden Inn Pittsburgh University Place

Distance from BKSQ: 3.2 miles

Time to travel to our office: 8-12 mins

4. Joinery Hotel Pittsburgh, Curio Collection by Hilton

Distance from BKSQ: 7.1 miles

Time to travel to our office: 10-20 mins

5. EVEN Hotel Pittsburgh Downtown, an IHG Hotel

Distance from BKSQ: 9.5 miles

Time to travel to our office: 15-20 mins

6. Holiday Inn Express & Suites Pittsburgh North Shore, an IHG Hotel

Distance from BKSQ: 10 miles

Time to travel to our office: 18-25 mins



Visitor Access Request (VAR) SOP for AI2C

Not all trips to AI2C require VAR access. This is only a requirement for some of our projects as many of them are currently CUI/sensitive and maybe talked about at our main center located at Bakery Square.

Unfortunately due to our office building we don't pose SIPR access on Secret level conference rooms, for those amenities we utilize space at the Software Engineering Institute (SEI). SEI requires VARs for all users and needs **48 hours** to process all paperwork.

If outside personnel need to visit AI2C in Bakery Square for any reason, their respective security managers must submit a VAR in DISS for personnel to enter, even if escorted. The requestor or AI2C personnel should provide the external security managers with the following information: Location of Visit, Reason for Visit, Date(s) of duration (YYYY/MM/DD format) and duration (if applicable), Classification level of Access Needed (U, C, S, TS, SCI), Participant List Names. AI2C personnel must provide other parties with this information:

- i. SMO Code for AI2C Collateral (Secret): WOCUAA6
- ii. POC: CPT Jennifer M. Niemann at jennifer.m.niemann.mil@army.mil
(910) 262-9753



Coordinate a Visit to AI2C

Below are the POCs to coordinate a visit with AI2C.

Mr. Timonthy Labahn
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LTC Richard E. Dunning
Center Operations Chief
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CPT Matthew J. Lohff
Admin Officer (Trip Coordinator)
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CPT Jennifer M. Niemann
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