The Purpose of this Orientation is to receive an overview of the G-8 mission, organization, and (subordinate) areas of responsibilities. It includes presentations by G-8 senior-level personnel representing their individual areas of responsibility.

Questions are always welcome!
LTG Pasquarette
Deputy Chief of Staff, G-8
- Develop, independently assess, integrate, and synchronize the Army program (PAE)
- Joint materiel requirements, materiel programming, DOTMLPF integration, and program execution (FD)
- Army lead for Army and Joint Requirements Oversight Councils (AROC/JROC) (FD)
- Conduct analyses of Army forces and systems in joint, multinational operations (CAA)
- Support Army Futures Command: Member of Annual Mission Guidance Board and Army Modernization Strategy Board

As of 9 December 2019
Priorities

- Modernization
  - Long Range Precision Fires
  - Next Generation Combat Vehicles
  - Future Vertical Lift
  - Army Network
  - Air and Missile Defense
  - Soldier Lethality

- People
  - Readiness
  - Modernization
  - Reform

- Enduring
  - Take Care of Soldiers, Civilians, and Families
  - Army Values and Warrior Ethos
  - Strengthen Relationships with Allies and Partners

- Focused
  - Readiness
  - Future Army/Modernization
  - Reform

The Army Must Balance Readiness, People, and Future Investments

As of 9 December 2019
Thoughts on Life in the Pentagon:
- Relationships matter – figure out your network and develop relationships early that you will need to leverage when it matters
- This entire building is about one thing – money
- The challenge – avoiding cynicism. It’s hard to do – but once you become cynical by nature you lose credibility.
- G-8 is driven by the annual budget cycle / PPBE. Know where you are in time – and plan your use of time accordingly.

What you can expect of me:
- As prepared as I can be – will need your help if what is hot in my life is what you are responsible for.
- Respectful of your time
- Approachable – come see me if I have the answer to what will allow you to proceed
- Will go straight to the source to find the answer I’m looking for

What I expect of you:
- Treat all around you with dignity and respect
- Know your stuff – whatever we’re asking you to do
- Your best effort every day
- Soldiers – physically fit – make it a priority
- Keep things in perspective – family, leave, etc.
MG Gingrich
Director, Program Analysis and Evaluation
Dr. Markowitz
Assistant Deputy Chief of Staff, G-8
BREAK
Center for Army Analysis

G-8 Orientation Overview

January 2020

Ms. Patricia Murphy
CAA Forward Analytic Support Team (FAST)
patricia.a.murphy.civ@mail.mil
(703) 614-9169
CAA, TRAC, and CCDC-DAC collaborate to provide the Army an effective, responsive, in-house analysis capability.

ATEC provides essential information to acquisition decision-makers.

The Army calls on RAND, USMA, DUSA-TE, DASA-CE, USAMAA, and others to answer a variety of questions.

Study resources are managed by the Army G-8, Army Studies Program Management Office.
The Center for Army Analysis

Director, CAA
Dr. Wm. Forrest Crain

Deputy Director for Modeling and Simulation
COL Scott Gilman

Simulation Proponent & School
Mr. Roger Samuels

M&S Strategy and Resources
Mr. Thomas Rothwell

Chief of Staff
COL John Dinges

Chief Information Officer (CIO)
Mr. Hamid Ford

Strategic Analysis Integration Division
Mr. Tucker Hughes

Deputy Chief of Staff
Mr. Dale DeBruler

G-Staff

Technical Director
Mr. Myles Miyamasu

Strategic Wargaming
Mr. David Reynolds

Campaign Wargaming
Mr. Dan Mahoney

Campaign Analysis
Dr. David Knudson

Deployment & Enablers
Mr. Vernon Bahm

Force Strategy
COL Randy Boucher

Operations Analysis
COL Josh Helms

Resource Analysis
Mr. Nathan Dietrich

Strategic Studies
Dr. Karsten Engelmann

Forward Analytic Support Team (FAST)
Ms. Patricia Murphy

Strategic Partners

FY19 Authorized / Assigned Strength
Military 28/30
Civilian 110/110
Total 138/140

Education
Doctorate 6%
Masters 68%
Bachelors 26%

UNCLASSIFIED//FOUO
CAA’s Institutional Analysis

**Stationing Analysis**
- Maintain the tools, data, and expertise to conduct stationing analysis to support senior leader decisions
- Includes both operational and institutional organizations
- Analyzes installation’s ability to support DoD and Army strategic goals

**Institutional Analysis**
- Maintain the tools, data, and expertise to conduct institutional analysis to support senior leader decisions for current and future national security issues.

**ASA-JEE**
- European Infrastructure Consolidation
- Base Realignment & Closure (BRAC)
- Reimbursable Tenants on Army Installations
- Joint Basing Study

**HQDA**
- ABCT Stationing (G-3/5/7)
- SFAB Stationing (G-3/5/7)
- Insider Threat Hub (G-3/5/7)
- Military Value Analysis (G-3 FM)

**ARCYBER**
- Retention
- NETCOM Manpower Rqts

**IMCOM**
- Fuel Distribution & Storage
- Sustainment Distribution
- IMCOM Manpower Rqts

**WCT**
- Component Analysis for Rate of Entry
- Warrior Transition Unit – Forecast Model Update
The U.S. Army Modeling and Simulation Office (AMSO) is the Army’s Enterprise-level organization for modeling and simulation policy, coordination and workforce management.

Vision: An Army that effectively and efficiently employs modeling and simulation capabilities and tools, within and across all Army organizations, in support of both the Operating and Generating Forces.

Mission: The Army Modeling Simulation Office

- Develops the strategy and policy for Army Modeling and Simulation Enterprise
- Executes effective governance and resource management through leadership and synchronization
- Leads coordination of the Army modeling and simulation enterprise and cross-community areas including Joint, Intergovernment, Interagency, and Multinational environments, Industry and Academia
- Trains, Educates and Manages the Army Analysis, Modeling & Simulation M&S Workforce (Military and Civilian)

Coordinates and Synchronizes $11.9B over the 22-26 POM & executes lifecycle management for 550 FA57 officers and 2300 CP36 DACs
Summary

- CAA performs decision support analysis for HQDA, Combatant Commands, Army Commands, Army Service Component Commands, and Direct Reporting Units.
- Focus on theater-level operations and Army-wide processes.
- Integrating and leveraging modeling and simulation capabilities across the Army.
- POC in the building: Ms. Patricia Murphy, CSCA-FAST, patricia.a.murphy.civ@mail.mil (703) 614-9169
Selected Subjects
- Assessments
- Force generation
- Force capability requirements
- Wargaming
- Risk analysis
- Data / Information / Knowledge Management
- Geospatial support

Battle Rhythm
- Biweekly CAA Current Operations Meeting
- Monthly CENTCOM led South Asia Strategy SVTC
- Reachback as required

Enduring CAA Support: 157 Deployments, 22 Supported Commands, 66 man-years
CAA has the current capability, expertise, and experience to provide analysis through wargaming, simulation, and Table Top Exercises (TTXs) to support GCCs, ASCCs, Operational Joint Commands, the Army, and others.

OPLAN/CuOps (sponsor)
Policy/Strategy (sponsor)
Def. Planning Scen. (sponsor)

Tech Near-Peer, '13 (AMC)
Sc 3.1, '13-14 (OSD/JS)
Sc 3.0, '14 (OSD/JS)
Sc 7, '15 (HQDA)
Sc 7, '16 (OSD/JS -sponsored)

Third Party Intervention, '17 (NGIC)
MDO SC 7, '19 (HQDA)
Reg. Align. For. '14 (HQDA)
Sust. Read. Mod. ‘15 (HQDA)
LRRDPP-GC, ‘16 (HQDA)
DSD-SC, ‘16 (HQDA)
NATO-Fires, ‘16 (DoD)
Blue Horizons, '17 (CSAF)
Sr LDR Readiness Forum, '17 (CSA)

OPLANAnalysis, '18 (CENTCOM)
OPLAN Sustainment, ‘19 (ARCENT)
Resistance Ops, ‘17 (SOCEUR)
Sr LDR Readiness Forum, '17 (CSA)
Ph 0-1 Theater Camp Plan, '17 (EUCOM)

OPLAN Analysis, ‘19 (EUCOM)
MDTF Operations ‘18 (EUCOM)

2 x OPLAN Dev, ‘15 (EUCOM)
OPLAN Multi CCMD, ‘16 (EUCOM)
2 x OPLAN Dev, ‘16, 17 (USAREUR)
Foreign Hum Asst, ‘16 (EUCOM)
OPLAN Capstone, ‘17 (EUCOM)

2 x Afghanistan, ‘16, ‘19 (RS)
Israel-Palestine, ‘13 (USSC)

6 x Afghanistan, ‘05-14(ISAF)
3 x Iraq, ‘07-09 (MNF-I)
Mali, ‘14 (USARAF)

AMC – Army Materiel Command
OSD/JS – Office of the Secretary of Defense/Joint Staff
HQDA – Headquarters, Department of the Army
NGIC – National Ground Intelligence Center
CSAF – Chief of Staff of the Air Force
CSA – Chief of Staff of the Army
EUCOM – U.S. European Command
USAREUR – U.S. Army Europe

CENTCOM – U.S. Central Command
ARGENT – U.S. Army Central
SOCEUR – Special Operations Command Europe
TSC – Theater Sustainment Command
RS – Resolute Support
USSC – United States Security Coordinator
ISAF – Intl. Security Assistance Force

MNF-I – Multi-National Force Iraq
USARAF – U.S. Army Africa
PACOM – U.S. Pacific Command
PACFLT – U.S. Pacific Fleet
SOCPAC – Special Operations Command Pacific
USFK – U.S. Forces Korea
INDOPACOM – U.S. Indo-Pacific Command
USARPAC – U.S. Army Pacific
Mr. Ramsey
Acting, FD Director/Director of Resources
FDI Intelligence
Intelligence Activities (MIINT, HUMINT, SIGINT, MASINT, ISN, All Source), Manned Aerial ISR (EMARS, GRCS, ARL, Aerial ISR Payloads, Distributed Common Ground System), Army Intelligence (DCGS-A), ASAS, CGS, CG0, NOS, DTSS, IMET, TES, TENCAP, CHARCS, Prophets, Trojan SPIRIT, IBS, JTT, MFLTS, Biometrics, PSS-T, Wollongong, CJB, Military Intelligence Program (IMIP), Electronic Warfare, MFEW, CREW, Offensive Cyber Operations

FDL Logistics

FDR Programs and Priorities
Equipping Program Evaluation Group (EEPEG) Executive and Integrator, EEPEG Strategic Guidance, PPBC, PPBE, EEPEG integrator for Program Objective Memorandum, Resource Management Decision (RMD), Directors Review, SRGs, Army Programming Guidance Memorandum (APGM), Army Planning Priorities Guidance (APPG), Mid-Year Review, President's Budget, Technical Guidance Memorandum (TGM), BES, Contracts, Priority List, Strategic Portfolio Analysis Review (SPAR), FYDP Review, BRP, Contracting Officer's Representative (COR), FMON, Program, Commander's Program Assessment, Commander's Program Assessment (CPA), FD Budget

FDA Warfighting Analysis
EE PEG Portfolio Manager/Enabling Commands (CMDMS), Army Strategic Readiness Assessment (ASRA), Rebuilding Readiness Metrics, Modernization and Army/COMPO Equipment on Hand (EOH) analyses, Sustainable Readiness Assessment Model (SRAM), POM Capital Planning Model (CPM), General Fleet Model (GFM), Fleet Age Calculation Tool (FACT), Hardware Division Portfolio Analyses, SECARMY RC Strategic Equipping Posture Prep (Congressional Testimony, POM Metric Development; AE2S, Knowledge Center, PEG Portfolio Analyses, Capabilities Needs Analysis (CNA), Test & Evaluation (T&E), Science & Technology (S&T), Joint/Army Advanced Concept Technology Demonstration (JACTD), Army Technology Objective (ATO), Test, Schedule & Review Committee (TSRC), Intra-Army Interoperability Certification (IAIC), Research and Analytic Outreach to Academia, Affordability Working Group Chair, Army Affordability Analysis Process and Policy Development

FDD Soldier, Maneuver and Robotics

FDF Fires

FDG Full Dimension Protection

FDJ Requirements Integration and Assessments
Analytic Sufficiency, Manage Analysis of Alternatives (AoA), Forecast / Funding / Study Guidance Plan / Senior Advisory Group (SAG), Monitor Cost / Schedule / Performance, Support Assessment, Senior Analysis Advisory Board (SAAB) / Senior Analyst Review (SAR), Assess Strategic, Requirements, Framing, Trade Space or Decision Analysis / Study, Synchronize Army Analytic Community (SAAC), Conduct Trade space analysis of cost, Critical Operational Issues (COI), Army lead for Joint Capabilities Integration and Development System (JCIDS) and Army-CIDS, Army Requirements Oversight Council (AROC), Requirement Integration Synchronization Meeting (RISM), AROC Capability Board (ACB), AROC Review Board (ARB), Joint Requirements Oversight Council (JROC), Joint Capabilities Board (JCIB), Functional Capabilities Board (FCB), FCW Working Groups (FCB WC), JROC Memorandum (JROCMM), Cyber Capabilities Integration and Development System (CCIDS), Cyber Requirements Evaluation Board (CREBI), Cyber Capabilities Board (CCB), Cyber Capability Management Group (CCBMG), Support Science and Technology (S&T), Support Army Science Board (ASB), Defense Science Board (DSB), APRA, Support Army Capability Enabler (ACE), Science and Technology Objectives (STO), Manufacturing Technology (MANTECH), Test Experiments, Test and Evaluation, Test and Evaluation Managers Committee (TEMAC), Test Schedule and Review Committee (TSRC), Army Program Development (ADP), Test & Evaluation & Review Committee (TARC), Test and Evaluation Critical Operational Issues and Criteria (COIC), Test and Evaluation Master Plan (TEMP), Review AR 5-5 Study, Army Capabilities Review (ACR), Support Capability Gap Assessment (CGA), Chairman’s Program Recommendations / Assessment (CPRA), Cooperative, Force Tracking Executive Steering Group (CID-FFT ESG), and Support Joint Improved Threat Defeat Organization (JIDO) as well as OSD Experiments

FDB Aviation
Rotary wing, UAV, Rockets & Missiles, ATAC, ASE, Fixed Wing, AIC, AME, AGSE, ATS, AC2, TUAS, Air War

Director of Joint and Integration (DJI)
Director of Materiel (DOM)
Director of Resources (DOR) / FD Deputy

FA50 Personnel Development
Functional Area 50 career life cycle management-accension, development, structure; doctrine; strategic communication

FDV Warfighting Analysis
Fiscal Year Defense (FYD), Support System Development, Army Strategic Readiness Assessment, Joint Forces Readiness Review, Assess EOH Readiness, Strategic Readiness Tenet Assessment, Sustainable Readiness, Support Equipment Program (SEP), Army Equipping Program (AEP), LIN Valuation and Exemption (EOQ), Transparency, CdL List, Rc equipping analysis and reporting (NGREA), Materiel Cost, Affordability and Supportability (Impact), Modernization Level of LINs, PUC calculation, Lin Management Database, LNO: G-3 SOD

FDA Resource Documentation
TAA, TOE, MTOE, BOIP, FDU, Concept Plans, Command Plan, ERV, ORDAB, SLAMIS, JCIDS, NGERIEMB, LOAEOLE, Affordability, Army Acquisition Objective (AAO), Army Procurement Objective (APO), LIN Validation and Exemption (EQO), Transparency, CdL List, Rc equipping analysis and reporting (NGREA), Materiel Cost, Affordability and Supportability (Impact), Modernization Level of LINs, PUC calculation, Lin Management Database, LNO: G-3 SOD

FFA Legislative Affairs
Legislative, Congressional, Question for the Record (QFR), Insert for the Record (IFR), Testimony, Legislation, Hearings, Marks, Professional Staff Member (PSM), Military Legislative Assistant (MLA), Congressional Affairs Contact Officer (CAO), Office Chief Legislative Liaison (OCLI), SAHM-BUL, House Armed Services Committee (HASC), Senate Armed Services Committee (SASC), House Appropriations Committee – Defense (HAC-D), Senate Appropriations Committee – Defense (SAC-D)
G-8 Director’s Initiatives Group
COL Albert Benson, Chief
9 January 2020
• What is an Initiatives Group?
• Where does the DIG fit in?
• Functions
• Products
• Events
• Contacts
The Director’s Initiatives Group (DIG) is the *operational wing* for the Deputy Chief of Staff, G-8.

As such, the DIG provides direct support to DCS, G-8 for the effective attainment of cross-cutting G-8 objectives. Major areas of emphasis include: short/long range planning; strategic engagement with Congress, DOD and Army Senior Leaders, foreign military, industry partners, and media; special projects; and organizational transformation.
Where does the DIG fit in?

G-8 Organizational Chart
Functions

**CONGRESSIONAL AFFAIRS**
- Testimony
- Inquiries
- Congressional Delegations (CODELs)

**INDUSTRY**
- AUSA Convention
- Synchronize G-8, Directorate, and Partner Visits

**PUBLIC AFFAIRS**
- Media
- Official Travel Agenda
- Community Outreach (e.g. Meet Your Army)

**MILITARY (EXTERNAL / FOREIGN)**
- General Officer Round Table (GORT)
- Military-to-Military Staff Talks
- Site Visits (e.g. ASCCs, NTC, and AWC)

**CONTINUITY OF OPERATIONS**
- COOP Operations Plan (OPLAN)
- COOP Exercise Execution
- COOP Training and Site Orientations

**STRATEGIC COMMUNICATION**
- Speechwriting
- Talking Points
- Articles
- Weekly SITREP/Update
- Briefings (PCC, AFMS, ARFPC, etc)

**CORRESPONDANCE CONTROL**
- Consistency
- Editing
- Formatting

**PROFESSIONAL DEVELOPMENT**
- Leader Development Program (LDP)
- The “DIG Daily” Open Source Highlights
- Organizational Off-site Events

**INFORMATION SYSTEMS**
- G-8 Public / Private Websites
- SharePoint
- Knowledge Management

**INFORM AND INFLUENCE**
- Testimony
- Talking Points
- Articles
- Weekly SITREP/Update
- Briefings (PCC, AFMS, ARFPC, etc)

**TRANFORMATION**
- Special Projects
- Studies and Analysis
- Organizational Transformation
- Internal Think Tank
- Research Proposals
Tracking what we’re working towards.

Making you look good.

**Correspondence Control**

**Annual volume:** 5,416 pages containing **50,156 errors**

**G-8 Digital Library**

https://akoapps.hqda.pentagon.mil/g8site/digital_library/index.html

Analyzing your feedback.
Upcoming Events

- 20 JAN – MLK Holiday
- 23 JAN – G-8 Offsite
- 27-31 JAN – FISCL Course
- 3-7 FEB – Modeling & Simulation Forum
- 4-5 FEB – PresBud Rollout
- 17 FEB – Washington’s Birthday
- 25 FEB – Pre-Command Course
- 3 MAR – Posture Hearings
- 3 MAR – Tactical Wheel Vehicle Conf
- 13 MAR – G8 Town Hall
DIG Location: Room 3E416
Next to the G-8 Front Office

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More Roles than Souls
UNCLASSIFIED
Please complete and turn in your evaluations. Thank you for attending today’s G-8 Orientation.