

# DR. JACQUELINE EARLE

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## PROFILE

- ✓ *Over 15 years of governmental data science/operations research, program/project management, financial, medical, personnel and private sector experience with positions at the GS-15 Director level*
- ✓ *Published Doctor of Philosophy (Ph.D.) with a reputation for successfully applying a wide range of leadership principles, precedents and objectives*

## WORK EXPERIENCE

### ***Director of Data, AI, and Technology Enablement, Submarine Force August 2022 to Present***

- Serves as the Director of Data, Artificial Intelligence & Technology Enablement for Commander, Submarine Forces (COMSUBFOR), Commander, Submarine Forces Atlantic and Commander, Submarine Forces Pacific (COMSUBPAC).
- Serve as the Chief Data Officer and lead Analytical Officer for COMSUBFOR responsible for leading the transition from traditional data analysis methods to advanced machine learning algorithms and operationalizing data analytics for COMSUBFOR and COMSUBPAC to maximize the operational availability of US Navy submarines
- Leads the development and sustainment of analytical products to meet the COMSUBFOR metric reporting requirements from undersea stakeholder entities across the Department of Defense and the Department of the Navy.
- Serve as the Submarine Shipyard (SUB SYD) lead action officer, an initiative where COMSUBFOR is assigned as the single accountable Commander in charge of public shipyard performance for submarines.
- Collaborates with senior leaders across the NAVSEA and NAVSUP enterprises to develop quarterly SUB SYD Performance-To-Plan (P2P) briefs presented by COMSUBFOR to the Vice Chief of Naval Operations (VCNO) and other senior Naval leaders.

### ***Practitioner-In-Residence/Adjunct Professor August 2009 to Present***

- Develops and teaches courses, including Business/Data Analytics, within the Business, Leadership, and Management department of the Undergraduate College of Arts and Sciences. Delivers lectures, grades assignments (tests, quizzes, essays, homework, and projects), provides feedback on discussion board posts, monitors student progress, responds to student inquiries via email, phone, or in person, and maintains availability for one-on-one meetings. Develops syllabi, lesson plans, teaching aids, exams, quizzes for courses taught within Business, Leadership and Management department.
- Assist with accreditation application and grant applications on behalf of the University.

***Chief of Operational Planning and Analysis, Coast Guard Atlantic Area  
January 2019 to August 2022***

- Supervised military and civilian Operations Research Analysts, Statisticians, and Program Managers (ranging from O-3 to O-5 and GS-12 to GS-13), overseeing project assignments and task completion for the U.S. Coast Guard Atlantic Area (LANTAREA) Operational Planning, Performance, and Analysis Branch. Directed, coordinated, and monitored contractor activities.
- Managed the Standard Operational Planning Process and Global Force Management Process for LANTAREA, allocating annual asset resources (aircraft and vessel hours) to field units, establishing performance goals, and monitoring outcomes. Contributed to DoD Global Force Management, aligning Coast Guard resources with Combatant Command requirements and supporting Consolidated Strategic Opportunities.
- Provided required analysis in support of budget development and budget execution as a Senior Advisory Team member. Assisted LANTAREA's Comptroller with the management of a \$33M budget with prioritization assistance and analysis. Assisted with the development of budget submission documents for LANTAREA's Resource Officer.
- Provided a broad range of quantitative and qualitative analysis of operational mission planning and execution and evaluate performance capability and requirements. Supported and coordinated the development, implementation, measurement, and refinement of strategies and activities in support of the Coast Guard's operational goals.
- Served as a project manager and project team leader for research projects involving the disciplines of operations research applied to operational and strategic planning. Used continual improvement approaches such as Six Sigma to lead complex process improvement projects.

**PREVIOUS WORK EXPERIENCE**

***Information Architect, Optima Health, Primary Responsibilities: Data Science and Analysis  
Virginia Beach, VA; March 2010 to February 2011***

***Graduate Assistant/Dissertation Fellow, Old Dominion University, Primary  
Responsibilities: Mathematical Modeling/Computer Simulation Research Activities  
and Support, Norfolk, VA; August 2006 to May 2010***

**EDUCATION**

Old Dominion University, Norfolk, Virginia; Doctor of Philosophy, 2010

Eastern Virginia Medical School, Norfolk, Virginia; Master's degree, 2006

Old Dominion University, Norfolk, Virginia; Bachelor of Science, 2004