

We Are Hiring! Research Scientists



Submit your resume: <https://tinyurl.com/2f54bn7h>

Autonomy-Enabled Battle Management Aids

The intersection between human and automated decision-making



Mission Areas

- Autonomy-enabled decision making
- Battlespace awareness
- Trusted AI and autonomy
- Optimized contested logistics

Research Areas

- Optimization for complex environments
- AI-based decision making and pattern of life analysis
- Test, evaluation, verification, and validation of AI systems

POC

Dr. Lucas Overbey
SSTM, Autonomous C4ISR
lucas.a.overbey.civ@us.navy.mil

Naval Information Warfare Center (NIWC) Atlantic is seeking qualified candidates in the areas of:

- Data engineering
- Machine learning
- Operations research or optimization
- Autonomous systems
- Data science

Selectee(s) will serve as a principle investigator or technical performer for research and development (R&D) of advanced decision support tools/battle management aids to support information warfare operations.

R&D would include design and development of proof of concept/prototype technology demonstrations for Navy and USMC sponsors.

Candidates must have an advanced degree (M.S. or higher) in Computer Engineering, Computer Science, Mathematics, or comparable field of study.

Prior experience with or exposure to tactical and theater level maritime operations (e.g., Operational Planning, Operational Intelligence Analysis, Strike Group Operations, Maritime Operations Center (MOC) Watchstanding) is not required but is highly desired.

Duties & Responsibilities:

You will serve as a:

- **Principle investigator** or technical performer for research and development (R&D) of advanced decision support tools, including artificial intelligence-based capabilities, supporting information warfare operations
- **Subject matter expert** in one (or more) of the following technical domains: (a) data engineering (b) machine learning, (c) operations research, (d) autonomous/unmanned systems design, OR (e) data science

You will:

- **Design** and conduct basic and/or applied research programs, OR design and develop proof of concept/prototype technology demonstrations for Navy and USMC sponsors
- **Publish** and present research results at symposia and conferences, OR provide demonstrations of technology prototypes at formal demonstration and experimentation events
- **Lead** or assist in the preparation, briefing, and defense of proposals/grants for research and development (R&D) efforts to various DOD sponsors
- **Collaborate** with researchers and partners across DOD, industry, and academia