

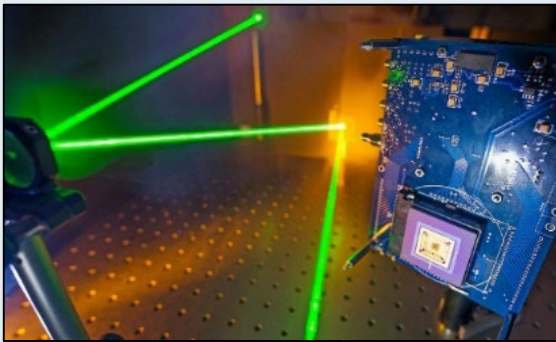
We Are Hiring! Research Scientists



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

Quantum Information Warfare

Next-generation capabilities that leverage quantum phenomena



Mission Areas

- Assured communications
- Persistent targeting
- Persistent ISR
- Assured PNT
- Quantum ML & Optimization

Research Areas

- Quantum communication
- Atomic Electrometry/Magnetometry
- QuDAR / illumination
- Quantum computation

POC

Dr. Robert Younts
Advanced Communications & Sensing
robert.a.younts.civ@us.navy.mil

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

- Atomic physics
- Molecular physics
- Optical (AMO) physics

Selectee(s) will serve as a principle investigator or technical performer for research and development (R&D) of quantum sensing and communication technologies 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 Physics, Electrical or Computer Engineering, Applied Mathematics, or an equivalent 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 of quantum sensing technologies for information warfare operations.
- **Subject matter expert** in atomic, molecular, and optical (AMO) physics AND quantum sensing (electrometry, magnetometry, and/or gravimetry) or quantum communications.

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