Office of Naval Research GLOBAL
FY25 Recruiting Brief
Why You Should Consider an ONR Global Assignment

• **Lead** ONR Global’s vision to be the partner of choice for S&T leaders
• **Experience** unparalleled professional development and global engagement opportunities
• **Impact** Flag/General Officer-level decision making
• **Expand** your peer collaboration network opportunities and establish friendships that will last a lifetime
• **Strengthen** ties to international peers in your area of expertise

Take your personal and professional growth to the next level!
“...plan, foster, and encourage scientific research in recognition of its paramount importance as related to the maintenance of future naval power and the preservation of national security...”
Global S&T Directives

NATIONAL DEFENSE SCIENCE & TECHNOLOGY STRATEGY 2023

Naval S&T and ONR Global strategies are aligned with the National Defense, DoD, and DoN strategies

Naval Science and Technology Strategy
Sailing Directions for developing a maritime science and technology foundry to accelerate the delivery of technological innovation to the Navy and Marine Corps in an era of global competition.

- STRENGTHENING MARITIME DOMINANCE
- BUILDING A CULTURE OF WARFIGHTING EXCELLENCE
- ENHANCING STRATEGIC PARTNERSHIPS

2024 Commander’s Intent

1. Naval Basic and Applied Research: Improve and accelerate basic and applied research to meet the challenge of strategic competition. Enable Program Officers, S&T Leadership, and reporting commands to create, manage, and execute portfolios comprising the world’s best investigators focused on ensuring future naval S&T supremacy.


3. Outreach and Partnerships: Strengthen maritime national and international partnerships in Science and Technology and support rapid innovation by lowering the barrier of entry for new and existing partners. Develop the next generation of scientist, engineer, and technician in support of maritime technical superiority.

4. Digitalization and Streamlining: Improve our business, IT, facilities, contracting, and financial operations to support Program Officers, S&T research leads, and reporting commands in execution of assigned mission. Provide improved decision-making and analytical tools, and identify approaches to streamline operations.

8 Jan 24
Office of Naval Research GLOBAL

Mission: Obtain, coordinate & make available worldwide scientific information
Vision: Be the partner of choice for S&T Leaders
Philosophy: Fleet Focus, Continuous Improvement, Global Family

Strategic influence thru Scientific Diplomacy

“Scientific research is a relatively LOW COST/HIGH ROI way to collaborate with foreign countries...an icebreaker and low-risk way to solve mutual problems, which builds trust.”

Focused on delivering technology to Sailors and Marines, ONRG links the NRE across the Globe to advance scientific knowledge and technology.
Act as a S&T broker linking ONR, NRL, and the NRE with International researchers

Identify disruptive S&T in order to avoid Naval technical surprise

Gain enhanced awareness of S&T through direct, regular contact with international colleagues

Initiate and manage research grants to provide tangible links between foreign scientists and their US Naval counterparts

Provide ONR forward presence with global innovators and technologists

Naval Research Enterprise's Global S&T Ambassadors!
Science Director
Requirements/Attributes

**Required**
- US citizenship
- Advanced technical degree
- Ability to obtain Secret clearance
- Ability to travel (up to 50% of the time)
- Extensive experience in fundamental (basic and/or applied) research
- Interdisciplinary research exposure
- Strong collaboration skills
- Strong communication skills

**Preferred**
- PhD in relevant field
- Experience with ONR/NRE
- Foreign language skills
- International experience
- Program/project management experience
- Research Grant management experience
- Familiarization with USN/USMC Operational Fleet/Forces

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Science Advisors

VIDEO: ONR Science Advisor - YouTube

Articulate operational Fleet Force S&T requirements to ONR, NRE, & NR&DE

Communicate command capability needs to CNR, ONR leadership, and Program Officers

Serve as ONR on-site reps during Fleet Force exercises and demonstrations

Lead S&T planning & experimentation processes that focus on meeting critical Fleet Force needs; then, assist in transition of key technologies to the Warfighter

ALIGNING NAVAL RESEARCH ENTERPRISE TO THE OPERATIONAL FLEET FORCE
Science Advisor
Requirements/Attributes

**Required**
- Have a working knowledge of ONR, NRE, and DoD Acquisition Processes
- Provide an **Endorsement Letter** from your “Home” command
- **TS SCI clearance eligible**
- Strong communication skills
- Self-starter, highly motivated, agent of change and positive attitude
- **Customize your Resume** to address unique attributes

**Preferred**
- Experience interacting/briefing Flag/General Officers and SES
- **Over 7 years of practical experience** working on Fleet Force Systems and Processes
- Maintain a sense of humor under high stress situations
- Experience working with Science Advisors
ONR Global Experimentation and Analysis (E&A)

The Hub for Experimentation

Technology Operational Experimentation Events

Conduct experimentation campaigns to solve operational problems leveraging emerging technologies

Making Connections

Maintain awareness and make connections for Navy and USMC experimentation and analysis

Operational Analysis

Conduct Operations Research to assess military utility of concepts and technologies

Mission

Provide decision-quality information through experimentation and analysis to Naval Research Enterprise (NRE) leadership to inform future S&T investments (further development, transition, or divestiture)

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Prototype Development based on ideas received directly from Sailors on the deckplate and Marines in the field

Links warfighters with solutions from the Naval Research & Development Establishment (NR&DE)

Pulls S&T ideas from the Fleet and Force for development, rather than pushing technology

Rapidly develops and delivers a prototype and demonstrates the solution in an operationally relevant environment

https://www.onr.navy.mil/techsolutions/
IEO Mission:
International Engagement develops and supports Mil-mil bilateral and multilateral relationships and activities that promote RDT&E collaboration, expanding navy capability, increasing capacity, and ensuring US/Partner interoperability through international cooperation.

Naval Research Enterprise’s International Partnership Builders!

- **Develop and support** Mil-Mil bilateral and multilateral relationships and engagements
- **Interface** throughout ONR & NRL; NR&DE
- **Gain** exposure across the S&T portfolio
- **Engage** with US Program Officers and foreign defense organizations to identify & develop collaborative projects that solve Naval capability gaps
- **Connect** across USG (OPNAV, NIPO, AF/Army/DARPA, OSD, DOS, OSTP, Interagency, etc.)

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Country Director
Requirements/Attributes

**Required**
- Strong technical credentials
- Interest in technical broker role
- Ability to network/interface
- Strong Communication Skills
- Self- Starter, Highly Motivated, High Energy, Positive Attitude
- Provide an Endorsement Letter from your “Home” Command
- Must be eligible for TS SCI Clearance

**Preferred**
- Experience Interacting and Briefing Flag/General Officers and SES
- Experience with ONR/NRE
- International S&T experience
**Business Operations**

**Serve** To provide a full range of corporate business and logistics functions to enable the Command's S&T mission. Business Operations focus on customer requirements; develops and delivers timely, quality and cost-effective business solutions; continually improves business processes, practices and communications; ensures compliance with statutory and regulatory requirements; and recruits, develops and retains a highly professional workforce.

**Engage** with US Program Officers and foreign defense entities

**Interface** throughout ONR, NRL & NR&DE

**Gain** exposure across the S&T portfolio

**Connect** across the U.S. Government (OPNAV, NIPO, AF, Army, DARPA, OSD, DOS, OSTP, etc.)

**Naval Research Enterprise’s International Partnership Builders!**
Business Operations Positions
Required/Preferred Attributes

**Required**
- Subject Matter Expert
- Ability to network/interface
- Skilled Communicator (verbal/written)
- Self-Starter, Highly Motivated, High Energy, Positive Attitude
- Attention to detail
- Facilitation skills
- Critical thinker

**Preferred**
- Experience Interacting and Briefing Senior Level Executives
- Experience with ONR/NRE
- Emotional Intelligence skills
Potential Vacancies
Summer 2025*

Science Advisor:
• C3F (San Diego, CA)
• FLTCYBERCOM/C10F (Ft Meade, MD)
• I MEF (Camp Pendleton, CA)
• NAVAIRFOR (San Diego, CA)
• NAWDC (Fallon, NV)
• NECC (Norfolk, VA)
• SPECWAR (San Diego, CA)

Science Director:

Research Domains:
• Advanced Computing and Software
• Advanced Materials
• Biotechnology
• Directed Energy
• Future Generation Wireless
• Technology (Future G)
• Human-Machine Interfaces
• Hypersonics
• Interdisciplinary
• Integrated Network System-of-Systems
• Integrated Sensing and Cyber
• Microelectronics
• Ocean Sciences
• Renewable Energy
• Generation/Storage
• Quantum Science
• Space Technology
• Trusted AI & Autonomy

International Engagement Office:
• Country Director (Ballston/Pentagon)

*Tentative projection of positions
Vacancy announcement (VA) opens-closes

CERT & endorsement letters received by Science Advisor Program Director

Candidate packages reviewed, 3 to 5 are selected for interviews for each position

ONR HQ Interviews Conducted

Candidates referred to Commands for follow on interview

Command down selects or approves candidate

Candidate is officially notified of selection, pre orientation packet sent to candidate

General On-boarding and GT&C processing

New SA One Week Orientation Conducted at ONR Arlington, VA

New SAs prepares for Assignment, Logistics Finalized

New Science Advisors 1 week transition with existing SA

New ONR SA on board serving the Command
## Notional FY25 SD and IEO Selection Schedule

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Potential Vacancies
Summer 2026*

Science Advisor:
- USFFC (Norfolk, VA)
- NAVEUR/NAVEF/C6F (Naples, Italy)
- NWDC (Norfolk, VA)
- UWDC (Groton, CT)
- SUBFOR (Norfolk, VA)
- NAVCENT/C5F (Bahrain)
- NAVIFOR (Suffolk, VA)
- MARFORCOM (Norfolk, VA)

Science Director:


Research Domains:
- Advanced Computing and Software
- Advanced Materials
- Biotechnology
- Directed Energy
- Future Generation Wireless Technology (Future G)
- Human-Machine Interfaces
- Hypersonics
- Interdisciplinary
- Integrated Network System-of-Systems
- Integrated Sensing and Cyber
- Microelectronics
- Ocean Sciences
- Renewable Energy Generation/Storage
- Quantum Science
- Space Technology
- Trusted AI & Autonomy

International Engagement Office:
- Country Director (Ballston/Pentagon)

* Tentative projection of positions
Contact Us

For more information, please email ONRGtalentmanager@us.navy.mil

https://www.nre.navy.mil/organization/onr-global/employment-global

LinkedIn: https://www.linkedin.com/company/onrglobal/

Instagram: https://www.instagram.com/onrglobal/
Questions?
Backup Slides
International Science Program

Science Directors
- Seek out cutting-edge and innovative research worldwide
- Establish a persistent global presence (International Science Ambassadors)
- Link the NRE with international scientists and technologists
- Advance DoN priorities and interests internationally

Research and Collaboration tools

Global Technology Awareness Visits
- Technical visits to international research institutions to establish new relationships and pursue research opportunities

Visiting Scientist Portfolio (VSP)
- Invitational travel for foreign scientists for US-based research activities to share insights on new and emerging S&T concepts

Collaborative Science Portfolio (CSP)
- Sponsor international workshops on topics of naval interest
  - Access to all papers, proceedings, and registrations

International Research Grant
- Champion revolutionary fundamental research worldwide, complementing domestic NRE investments
  - Connect innovative, international S&T to NR&DE

International Research Challenges
- Seek game-changing multidisciplinary technology concepts from international research teams

ONR Global provides value to the Navy and Marine Corps by building and maintaining relationships with international researchers, which creates the opportunity for collaboration on naval-relevant S&T.
The London Tech Bridge is a collaboration between the US Navy and Royal Navy to source technology in the UK. In support of Delivering Combined Seapower, we are the super-connector accelerating capability to US/UK sailors & marines.

LTB Vision: To be the unifying function to build a successful technology ecosystem.

“Tinder for Tech”


Navy Programs Requirements & Funding

Industry & Academia Technology Solutions

Sailors & Marines Problem Statements & Ideas

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# 2023 International Science Program Points of Contact

## Dr. Weilin Hou
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## Dr. Elena McCarthy
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**Mr. Jeff Brewer**
Director, London Tech Bridge

**Mr. Steve Duong**
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**Ms. Shala Malone**
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**Mr. Thomas Gallagher**
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**Ms. Shannon Castellano**
Comptroller

**Mr. Troy Hendricks**
Director, Experimentation and Analysis

**Mr. Dillard Patton**
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**Ms. Chelsea Huff**
Grants Officer

**Mr. Jason Payne**
Director, TechSolutions

**CDR Heru Mansell**
Regional Director-East

**CDR Tarus Chatman**
Regional Director – West

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