



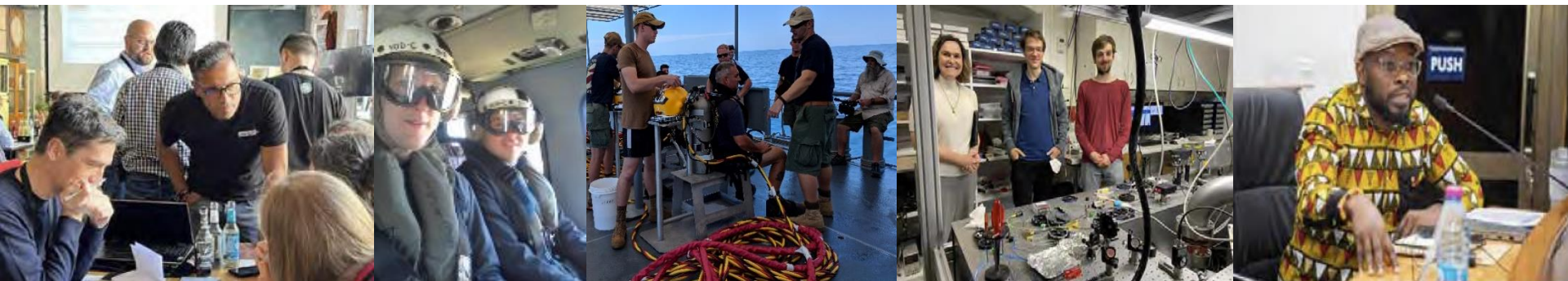
# Office of Naval Research GLOBAL FY25 Recruiting Brief



## 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!**

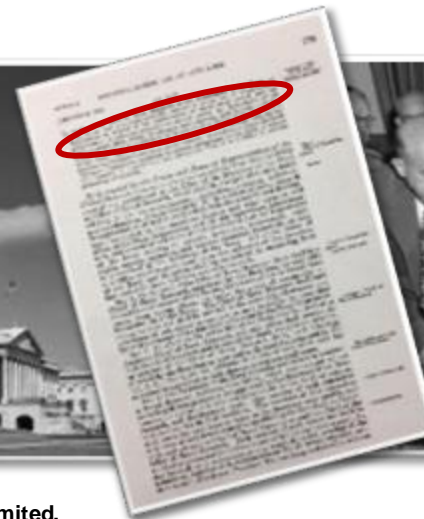




# Lessons from History



*“...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...”*





# The Naval Research Enterprise



**4,000+ People**  
**23 Locations**  
**\$2.5 B / year**  
**>1,000 Partners**



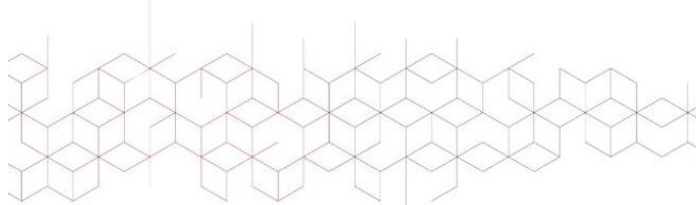




# Global S&T Directives

## NATIONAL DEFENSE SCIENCE & TECHNOLOGY STRATEGY 2023

UNITED STATES DEPARTMENT OF DEFENSE



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

8 Jan 24



NAVALX

### 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.
2. Rapid Capability Development/Advance Development and Transition: Drive advanced technology development and experimentation to address the most pressing Fleet and Force challenges. Provide data-driven project selection, prioritization, and evaluation of risk. Better leverage war gaming, experimentation, red teaming, and Fleet and Force exercises.
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.



# 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



**Experimentation & Analysis**  
**Experimentation and Analysis** – “Hub for Experimentation” conducting Technology Operational Experimentation Events (TOEE) and injecting technologies into Fleet exercises, providing decision-quality data to support S&T investment

**TechSolutions**  
**TechSolutions** – Rapid response S&T solutions to immediate needs identified by warfighters at the deck-plate level; Deliver advanced technology prototypes for high-impact near-term needs within a goal of 12 months



**International Science**  
**International Science** – 24 Science Directors shepherding fundamentally novel research worldwide, providing PhD-level Global Technical Awareness (GTA), building partnerships with leading international scientists and connecting them back to NR&DE

**Science Advisors**  
**Science Advisors** – 23 Science Advisors; embedded within Fleet/Force Commands who prioritize S&T requirements, provide capability solutions, lead experimentation events, and connect warfighters to technologically advanced capabilities.

## 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

**International Engagement**  
**International Engagement** – 7 Country Directors developing and supporting Mil-Mil bilateral/multilateral relationships promoting RDT&E collaboration, expanding naval capability, capacity and interchangeability



**Foreign Comparative Test**  
**Foreign Comparative Test** – Leads all Navy and Marine Corps FCT capabilities; seeks faster transition of capability, cost avoidance, cost savings; Leveraging SA's and SD's to find international capabilities and SA's to connect to fleet and programs

**London Tech Bridge**  
**London Tech Bridge** – a collaboration between the U.S. Navy and Royal Navy to foster connectivity, agility, and innovation. Supporting the goals between the two navies as they endeavor to advance from interoperability to interchangeability.







# ONR Global Map





# Science Director Functions

**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



# 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)





# TechSolutions



**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/>



# INTERNATIONAL ENGAGEMENT OFFICE



## 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



**Engage with US Program Officers and foreign defense organizations to identify & develop collaborative projects that solve Naval capability gaps**



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

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



**Connect** across USG (OPNAV, NIPO, AF/Army/DAR PA, OSD, DOS, OSTP, Interagency, etc.)





# 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:

London – Tokyo – Singapore – Melbourne – Prague – Sao Paulo – Santiago

## 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

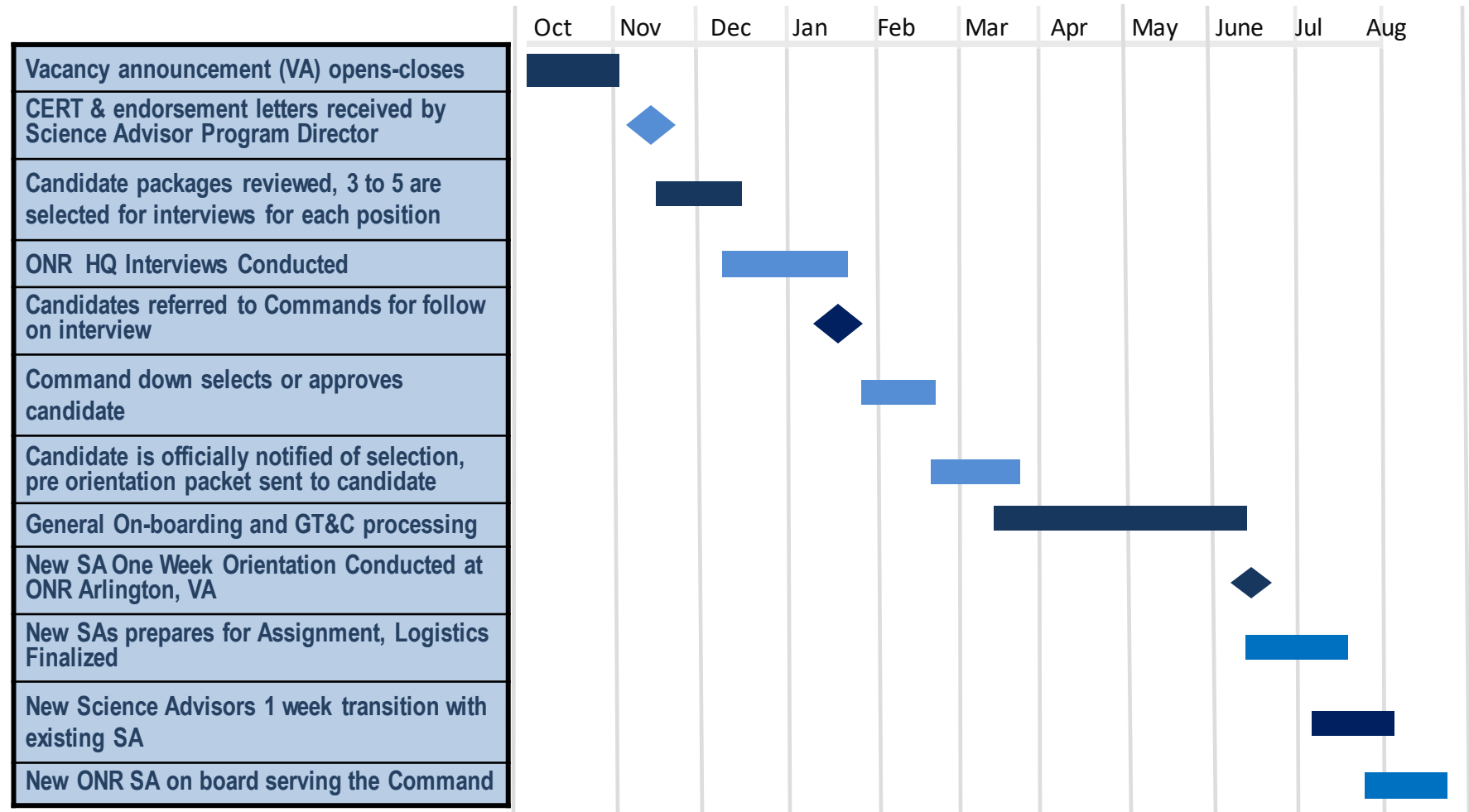
## International Engagement Office:

- Country Director (Ballston/Pentagon)



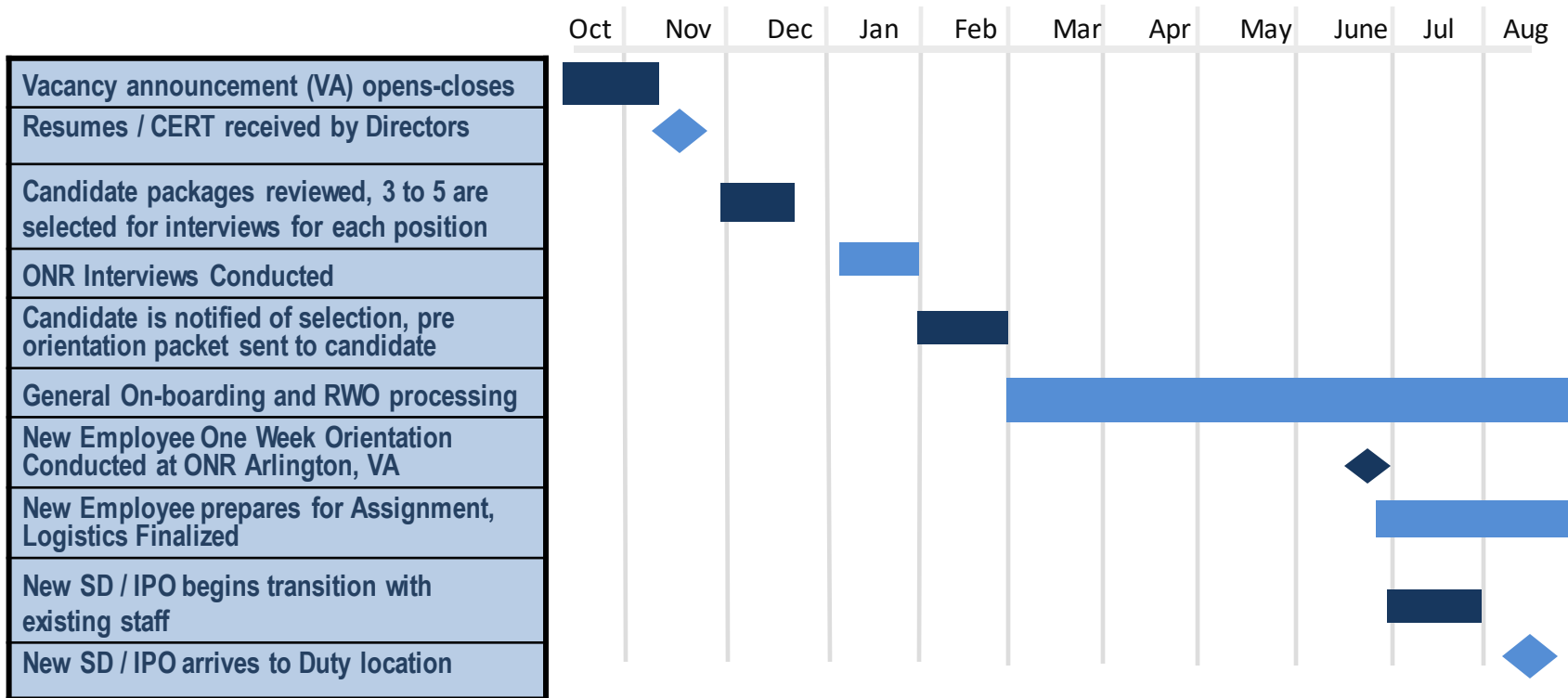


# Notional FY 25 SA Selection Schedule





# Notional FY25 SD and IEO Selection Schedule







# Potential Vacancies Summer 2026\*

## Science Advisor:

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

## Science Director:

London – Tokyo – Singapore – Melbourne – Prague – Sao Paolo – Santiago

## 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)



# Contact Us

For more information, please email [ONRGtalentmanager@us.navy.mil](mailto: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



**Investments in fundamental research today result in the technological superiority of tomorrow**

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.



# London Tech Bridge



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.

Navy Programs  
Requirements & Funding



Industry & Academia  
Technology Solutions

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

*"Tinder for Tech"*











Sailors & Marines  
Problem Statements & Ideas

**2024 Focus Areas:** Immersive Technologies, Workforce of the Future, Novel Power & Energy, Autonomous Systems, Maintenance & Sustainment





# 2023 International Science Program Points of Contact

 <b>CAPT Andy Berner</b> Commanding Officer London, UK	 <b>CAPT Eric Hutter</b> Executive Officer Arlington, VA	 <b>Dr. Marcus Tepaske</b> Technical Director London, UK	 <b>CDR Heru Mansell</b> Regional Director – East Tokyo, Japan	 <b>CDR Tarek Chaman</b> Regional Director – West London, UK	
 <b>Mr. Dillard Patton</b> Director, International Science Program London, UK	 <b>Dr. Martina Sivek</b> Regional Chief Scientist – West Prague, Czech Republic Warfighter Performance	 <b>Dr. Weilin Hou</b> Regional Chief Scientist - East Singapore Ocean Battlespace Sensing	 <b>Ms. Skylar Gunn</b> ISP Program Analyst Arlington, VA	 <b>Dr. Jay Marble</b> Science Director London, UK Command, Control, Computing, Communications, Cyber, Intelligence, Surveillance, Reconnaissance and Targeting	 <b>Dr. Elena McCarthy</b> Science Director London, UK Ocean Battlespace Sensing
 <b>Dr. Charles Eddy</b> Science Director London, UK Sea Warfare and Weapons	 <b>Dr. Scott Walper</b> Science Director London, UK Warfighter Performance	 <b>Dr. Martina Barnas</b> Science Director London, UK Command, Control, Computing, Communications, Cyber, Intelligence, Surveillance, Reconnaissance and Targeting	 <b>Dr. Mamadou Diallo</b> Science Director London, UK Command, Control, Computing, Communications, Cyber, Intelligence, Surveillance, Reconnaissance and Targeting	 <b>Dr. Richard Meyer</b> Science Director Prague, Czech Republic Sea Warfare and Weapons	 <b>Dr. Christopher Korek</b> Science Director Santiago, Chile Ocean Battlespace Sensing
 <b>Ms. Sonia Wolff</b> Associate Science Director Santiago, Chile Ocean Battlespace Sensing	 <b>Dr. Arturo Ayon</b> Science Director São Paulo, Brazil Sea Warfare and Weapons	 <b>Dr. Kyle Gustafson</b> Science Director São Paulo, Brazil Sea Warfare and Weapons	 <b>Dr. Chagaan Baatar</b> Science Director Tokyo, Japan Command, Control, Computing, Communications, Cyber, Intelligence, Surveillance, Reconnaissance and Targeting	 <b>Dr. Richard Yamada</b> Science Director Tokyo, Japan Command, Control, Computing, Communications, Cyber, Intelligence, Surveillance, Reconnaissance and Targeting	 <b>Mr. Hoa Nguyen</b> Science Director Tokyo, Japan Command, Control, Computing, Communications, Cyber, Intelligence, Surveillance, Reconnaissance and Targeting (CSIRT)
 <b>CDR Joel Feldmeier</b> Science Director Tokyo, Japan Ocean Battlespace Sensing	 <b>Dr. Brandon Cochemeur</b> Science Director Tokyo, Japan	 <b>Dr. Matthew Leigh</b> Science Director Singapore Naval Air Warfare and Weapons	 <b>Dr. Stephen Turner</b> Science Director Singapore Sea Warfare and Weapons	 <b>Dr. Joel Goodman</b> Science Director Singapore Sea Warfare and Weapons	
 <b>Dr. Clint Novotny</b> Science Director Melbourne, Australia Naval Air Warfare and Weapons		 <b>Mr. Jeff Brewer</b> U.S. Co-Director, London Tech Bridge London, UK	 <b>Dr. Eric Gulovsen</b> S&T Global Engagement Lead Arlington, VA		





# 2024 Science Advisors Points of Contact



**CAPT Andy Berner**  
Commanding Officer - London



**Dr. Marcus Tepaske**  
Technical Director - London



**CAPT Eric Huter**  
Executive Officer - Arlington, VA



**Mr. Tom Gallagher**  
SA Director - Arlington, VA



**Mr. Anthony Bausas**  
USFFC - Norfolk, VA



**Mr. Vincent Thiele**  
PACFLT - Pearl Harbor, HI  
Arriving July 2024



**Mr. Russell Wilson** MARFORCOM -  
Norfolk, VA



**Mr. Justin Helton** MARFORPAC - Cp  
Smith, HI



**Mr. Brian Visser**  
I MEF - Camp Pendleton, CA



**Ms. Darleen Perez-Lavin**  
II MEF - Camp Lejeune, NC  
Arriving July 2024



**Mr. Durga Nanan**  
III MEF - Okinawa, Japan



**Mr. William (Dave) Shallcross** C3F - San Diego,  
CA



**Dr. Christopher Heagney** USNAVSOC4F -  
Mayport, FL



**Mr. Chad Gardner** NAVCENT/C5F  
- Bahrain



**Mr. Charles Humphrey** CNE/CNA/C6F -  
Naples, Italy



**Mr. Michael Tobin**  
C7F - Yokosuka, Japan  
Arriving July 2024



**Dr. Andrea Mask**  
FCC / C10F - Ft Meade, MD



**Ms. Kari Webster**  
FIWC PAC - Pearl Harbor, HI  
Arriving July 2024



**Ms. Zena Le**  
SPECWAR - San Diego, CA



**Ms. Keisha Williams**  
NECC - Norfolk, VA



**Mr. Thomas Jones** NAVAIRFOR - San  
Diego, CA



**Ms. Layna Nelson** NAVSUBFOR -  
Norfolk, VA



**Ms. Rebecca Boxerman** NAVSURFOR -  
San Diego, CA



**Mr. Christopher DeAngelis** NAVIFOR -  
Suffolk, VA



**Ms. Michelle Treadway** NAWDC -  
Fallon, NV



**Dr. Joseph Senne**  
NWDC - Norfolk, VA



**Mr. Colin Murphy**  
UWDC - Groton, CT



**Ms. Alina Banasyak**  
(CTR) SA Program Analyst -  
ONRG



# ONR Global Points of Contact



**CAPT Andy Berner**  
Commanding Officer, ONR Global



**Dr. Marcus Tepaske**  
Technical Director, ONR Global



**Ms. Shala Malone**  
Director, Operations



**Mr. Thomas Gallagher**  
Director, Science Advisor Program



**Mr. John Woods**  
Director, International Engagement



**Ms. Shannon Castellano**  
Comptroller



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



**Mr. Jeff Brewer**  
Director, London Tech Bridge



**Mr. Chris Williams**  
Chief Information Officer



**Mr. Dillard Patton**  
Director, Int. Science Program



**Mr. Steve Duong**  
Director, Foreign Comparative Testing



**Ms. Chelsea Huff**  
Grants Officer



**Mr. Jason Payne**  
Director, TechSolutions



**CDR Heru Mansell**  
Regional Director-East



**CDR Tarus Chatman**  
Regional Director – West