



The Office of Naval Research - Science and Technology in Support of the US Navy and Marine Corps

**Dr. Joan S. Cleveland
Deputy Chief Scientist
joan.cleveland@navy.mil**



The Naval Research Enterprise



4,000+ People
23 Locations
\$2.1B / year
>1,000 Partners



ONR HQ



ONR Global

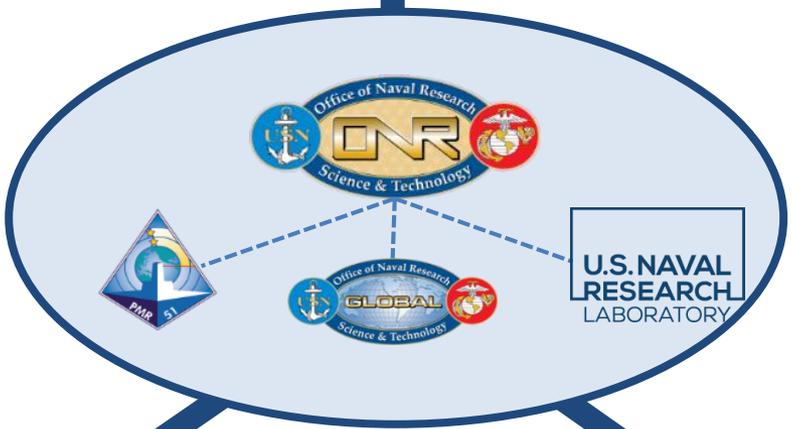




Partnering with the S&T Community



Government



Academia

1000 Universities/Colleges
Domestic/International

Industry

Small/Medium/Large
Companies



ONR Global

Washington, D.C. Region / ONR HQ
ONR Global Arlington
 Executive Officer
 International S&T Engagement Advisors
 FCC/C10F ★★ ★
 N81 ★★ ★

ONR Global Headquarters London
 Commanding Officer
 Technical Director
 Science Directors

ONR Global Prague
 Science Director

ONR Global Tokyo
 Science Directors

San Diego
 C3F ★★ ★
 AIRFOR ★★ ★
 SURFOR ★★ ★
 I MEF ★★ ★
 UWDC ★
 SMWDC ★

Mayport
 C4F ★★

Norfolk
 FLTFOR ★★ ★
 SUBFOR ★★ ★
 MARFORCOM ★★ ★
 NAVIFOR ★★ ★
 SPECWAR ★★
 NECC ★
 NWDC ★

Camp LeJeune
 II MEF ★★ ★

Naples
 NAVAF/NAVEUR/
 C6F ★★ ★

Bahrain
 NAVCENT/C5F ★★ ★

Yokosuka
 C7F ★★ ★
Okinawa
 III MEF ★★ ★

Hawaii
 PACOM ★★ ★
 PACFLT ★★ ★
 MARFORPAC ★★ ★

ONR Global Santiago
 Science Director

ONR Global São Paulo
 Science Directors

India

ONR Global Singapore
 Science Directors

○ Science Advisors
 ★ Joint Command
 ★ Navy Command
 ★ Marine Corps Command

● Science Directors
 • London
 • Prague
 • Tokyo
 • Santiago
 • Singapore
 • Sao Paulo

**ONR's Global Offices are the Bridge to International Partnership;
 Naval R&D Diplomacy in More than 60 Countries**



Research Fields of Interest to ONR

**Code 31
Information, Cyber and Spectrum Superiority**

Supports research in Math, Electronics, Computer & Information Sciences and their applications in Command & Control, Communications, Cyber, EW, Intelligence, Surveillance and Reconnaissance

Applied & Computational Analysis

Communications and Networking

Computational Methods for Decision Making

**Electronic Warfare
EO/IR Sensors and Sensor Processing**

Integrated Topside

Machine Learning, Reasoning and Intelligence

Mathematical Optimization

Precision Navigation & Timekeeping

**Code 32
Ocean Battlespace & Expeditionary Access**

Explores S&T in the oceanographic and meteorological observations, modeling/prediction in the battlespace environment; submarine detection/classification; and mine warfare

Arctic and Global Prediction

Littoral Geosciences and Optics

Marine Mammals and Biology

Marine Meteorology

Maritime Sensing

Ocean Acoustics

Ocean Engineering & Marine Systems

Physical Oceanography

Research Facilities

Space Environment

Undersea Signal Processing

**Code 33
Mission Capable, Persistent & Survivable Naval Platforms**

Develops and delivers technologies that enable superior warfighting and energy capabilities for naval forces, platforms and undersea weaponry

Advanced Sea Platforms

Naval Engineering

Acoustic Transduction

Electrochemical Materials

Nanomaterials

Organic Photovoltaics

Propulsion Materials

Structural Materials

Antifouling/Fouling Release Coatings

NDE & Prognostics Sensors

Polymer Matrix Composites

Cellular Materials

Water Desalination and Purification

Corrosion Control

Undersea Weapons

**Code 34
Warfighter Performance**

Enhances warfighter effectiveness and efficiency through bioengineered and biorobotic systems, medical technologies, improved manpower, personnel, training and system design

Applied Instructional Research

Biorobotics

Capable Manpower

Future Capability

Command Decision Making

Force Health Protection

Human-Robot Interaction

Marine Biofouling

Neural Computation

Undersea Medicine

**Code 35
Aviation, Force Projection and Integrated Defense**

Supports the Navy's power projection needs, fostering the technology development of naval aircraft, structures, propulsion, autonomy, energetics, directed energy and electric weapons.

Directed Energy

Electromagnetic Railgun

Energetic Materials

Maritime Weapons of Mass Destruction

Science of Autonomy

Turbine Engine Technologies



<http://www.onr.navy.mil>



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[About ONR](#)

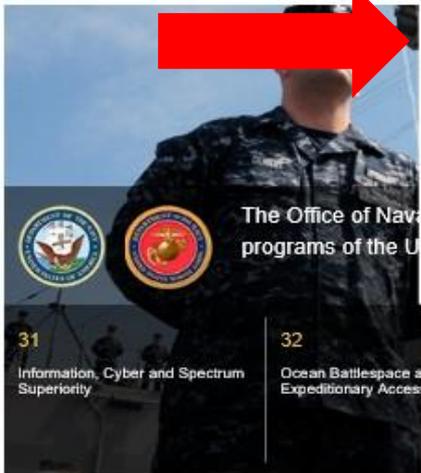
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[Our Research](#)

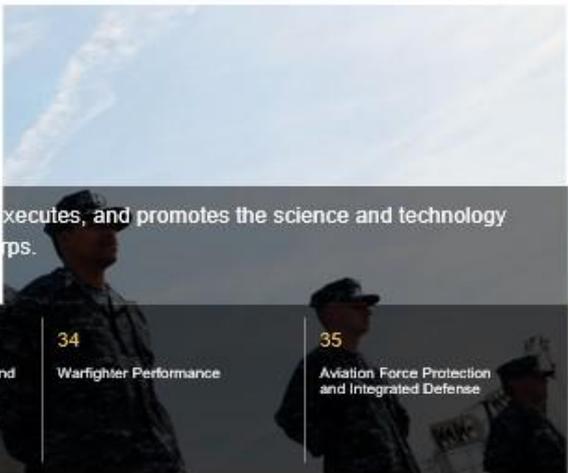
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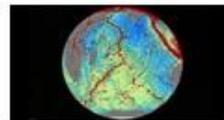
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Maurice Ewing Medal



For creating the most comprehensive global map of the ocean floor, ONR performer Dr. David Sandwell received the Charles A. Whitten Medal, sponsored by the American Geophysical Union.

[Read press release](#)

Quick Links

- Get shortcuts to commonly requested topics below:
- [Download the Naval R&D Framework](#)
- [Watch a video about the role of naval research](#) ▶
- [Read Future Force magazine](#) ▶
- [Explore research funding opportunities](#)





Example Research Funding Opportunities at ONR

- Work With Us
- Funding Opportunities** ▾
- BAAAs, FOAs and Special Program Announcements ▾
- Requests for Proposals ▸
- Requests for Quotes ▸
- Requests for Information ▸
- Special Notices ▸
- How to Apply ▸
- Manage Your Award ▸
- Office of Small Business ▸
- SBIR/STTR ▸
- Navy ManTech ▸
- Navy Technology Transfer ▸
- Rapid Innovation Fund ▸
- Center for Naval Analyses ▸
- Careers at ONR ▸

Broad Agency Announcements (BAA), Funding Opportunity Announcements (FOA) and Special Program Announcements

Currently Active Expired

The Office of Naval Research (ONR) is constantly looking for innovative scientific and technological solutions to address current and future Navy and Marine Corps requirements. We want to do business with educational institutions, nonprofit and for-profit organizations with ground-breaking ideas, pioneering scientific research and novel technology developments. The following list includes currently active broad agency announcements (BAAs) and funding opportunity announcements (FOAs) – each announcement provides technical and contracting points of reference.

Required: All BAAs incorporate a standardized template for the submission of technical and cost proposals for all contract awards. Guidance and assistance in completing the form and spreadsheet can be obtained from points of contact provided in the BAA. [Download the forms](#)

Conflicts of Interest: To ensure fairness in the consideration of proposals, ONR has implemented policies to protect against [organizational conflicts of interest](#)

FY19 Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology N00014-19-S-B001

[N00014-19-S-B001](#) (PDF - 397.65 KB)

[N00014-19-S-B001 Amendment 0001](#) (PDF - 402.82 KB)

[N00014-19-S-B001 Amendment 0002](#) (PDF - 398.27 KB)

Published: December 21, 2018 12:00 AM local Eastern time | Full Proposals will be accepted until September 30, 2019 11:00 PM local Eastern time

FY2019 Office of Naval Research Historically Black Colleges and Universities/Minority Institutions (HBCU/MI) Program N00014-19-S-F004

[N00014-19-S-F004](#) (PDF - 266.13 KB)

Published: November 2, 2018 12:00 AM local Eastern time | Full Proposals will be accepted until April 10, 2019 11:59 PM local Eastern time | White Papers due no later than January 16, 2019 05:00 PM local Eastern time



Tri-Service University Research Programs

University Research Programs fund promising new research, stimulate innovation, and attract outstanding researchers to naval-relevant research projects; proposals accepted from academic institutions only.

- The **Multidisciplinary University Research Initiative (MURI)** involves teams of researchers investigating high priority topics and opportunities that intersect more than one traditional technical discipline. *Goal: publish FOA in Mar; white papers due May; proposals due Sep.*
- The **Defense University Research Instrumentation Program (DURIP)** supports university research equipment/infrastructure essential to high-quality naval-relevant research. *Goal: publish FOA in Feb; proposals due in May.*
- The **Vannevar Bush Science & Engineering Faculty Fellowship (VBFF)** (managed by Office of the Under Secretary of Defense, Basic Research Office) provides extensive, long-term financial support to distinguished university faculty and staff scientists and engineers to conduct unclassified, basic research/"blue sky" on topics of interest to DoD. *Goal: publish FOA in Jun; proposals due in Dec. or Jan.*



ONR Young Investigator Program (YIP)

- Support the best and brightest early-career academic researchers whose scientific pursuits show outstanding promise for supporting the Department of the Navy, while also promoting their professional development. *Goal: publish FOA in Mar; proposals due in Jun.*

Successful Candidates

- Contact ONR Program Officer before submitting proposal.
 - PO comment: *“if only the researcher would have contacted me first – this would have been a great proposal!!”*
- Research the Program’s / Program Officer’s research interests and portfolio.
- Become familiar with Navy terminology & where your technology fits by reviewing the ONR website, attending national conferences, asking questions.
- Show a record of publishing in pee-reviewed journals.
- Include a strong letter of support from University and/or Department (required for Young Investigator Program).
- Include a complete curriculum vitae with white paper and/or proposal package.



Thank You!

Dr. Joan S. Cleveland
Deputy Chief Scientist
joan.cleveland@navy.mil