

Section 8

PEO LS VENUES

The S&T Venue List was developed as a quick reference to identify opportunities within the S&T Enterprise.

This list is not a complete representation of venues that the government uses, but is a list of venues that PEO LS and the Marine Corps use to address specific technology needs. PEO LS wants their program offices and subsequent industry partners to have a better understanding of the opportunities that these venues can provide.

Many venues identified on this list are very specific in nature and may provide funding from outside sources in order to address the needs of the individual program offices.

The included website addresses and POC phone numbers are verified annually. It is possible that some of these addresses and phone numbers have changed since this publication was printed.

The columns headers describe who is eligible and how funding is secured along with eligibility of the project and the methodology used. Each venue has a different timeline for submission and duration.

Please see the next page for the PEO LS S&T Venue List.

VENUE	PURPOSE	WHO	WHEN	DURATION	FUNDING	ELIGIBILITY	METHODOLOGY	TRL	SERVICE/OSD POC	WEBSITE
Cooperative Research and Development Agreements (CRADA)	Allows collaboration R&D between the Federal government and non-Federal partners to speed the commercialization of federally developed technology.	Varies Agencies DoD DoI	Each Service	0-5yrs	A formal written agreement (not a grant) between one or more federal agencies and one or more nonfederal parties. The Federal laboratory provides personnel, facilities, equipment, or other resources without reimbursement (no funds) to the nonfederal party. The nonfederal party may supply the staff as necessary to carry out the research under the agreement. This Agreement provides the means to offer intellectual property rights and other federal resources that would otherwise not be available to a non-federal partner in a non-competitive fashion with the laboratory's mission.	Private Corp (U.S. or Foreign) Non-Profit and Not For Profit (U.S. or Foreign) State and Local Governments (U.S.) Other Federal Agencies	-	1 to 10	-	http://www.onr.navy.mil/ScienceTechnology/Directorsates/Transitior/TechnologyTransfer-Options.aspx http://www.onr.navy.mil/ScienceTechnology/Directorsates/Transitior/TechnologyTransfer-Options.aspx
Data Exchange Agreement (DEA)	Government-to-government subordinate agreement that provides a mechanism for the exchange of Research and Development information to: • create closer alliances • marshal U.S. and friendly foreign nations' technological capabilities • enhance the security of the free world • improve interoperability and standardization and identify cooperative opportunities	NIPO	Anytime, it usually takes about 12 months to establish a DEA	-	Any amount provided during any fiscal year in relationship to other funding Agreements. Valid for a period of five years Eligible to Renew Data exchange is: • "generic", not platform specific • subject to disclosure guidelines (case-by-case) basis	Navy, US Government Agencies and Foreign Governments	Technologists in US and partner country develop specific list of mutual interests according to Navy International Program Office (NIPO guidelines). NAVAIR recommends a Technical Program Officer for NIPO following the DEA Annex guidelines which specify: • the scope • classification • authorities • channels of correspondence • establishments	2 to 4	-	http://www.secn.av.navy.mil/rda/niipo/Pages/FACs.aspx
Discovery & Invention (D&I)	Fund Research to: • Develop Naval-relevant fundamental Knowledge • Provide the basis for future Navy and Marine Corps systems and • Maintain the health of the Defense Scientist and Engineer workforce	ONR	Yearly	0-2yrs	Estimated \$200K Estimated 2 years BA1 or 2 Amount and period of performance of each selected proposal may vary depending on research area and the technical approach	Varies Depending on Source	ONR Departments issue planning letters soliciting white papers via a Broad Agency Announcement (BAA) or yearly calls for: • University Research Initiatives (URI) • In-House Laboratory Independent Research (ILIR/IAR) • Defense Research Science (DRS)	1 to 4	-	http://www.onr.navy.mil/ScienceTechnology/Directorsates/office-research-discovery-invention.aspx
Federally Funded R&D Centers (FFRDC)	Studies/Trade-offs of broad Naval operation and composition	CAN, APL, etc.	On-going	-	-	-	Case by case negotiation	Varies	-	http://www.osf.gov/statistics/ffrddlist/

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Foreign Comparative Test (FCT)	<p>Supports the warfighter by leveraging mature equipment and technologies from allied and coalition partner nations to satisfy U.S. defense requirements by:</p> <ul style="list-style-type: none"> • Rapidly fielding quality military equipment • Eliminating unnecessary duplication of research, development, test, and evaluation • Reducing life cycle or procurement costs • Enhancing standardization and interoperability • Promoting competition by qualifying alternative sources • Improving the U.S. military industrial base 	OSD/AT&L	OSD yearly call November	1-2yrs	<p>\$200K-2M</p> <p>Varies; total program is ~\$32.8M 12 to 18 months</p>	Government-to-Foreign Industry	<p>ONR issues the call to each major Navy/Marine Corps Systems Command (SYSKOM); NAVSEA NAVAIR SPAWAR Marine Corps</p> <p>OSD creates a prioritized list in early June</p>	7 to 9	<p>ONR FCT Program Manager DoN_FCT_Contact@onr.navy.mil</p> <p>OSD (571) 372-6803 FCT@osd.mil</p>	<p>http://www.onr.navy.mil/en/Science-Technology/Directorates/Transition/Foreign-Comparative-Testing-FCT.aspx</p> <p>https://cto.acqceinter.com/osd/poeta/us</p>
Future Naval Capabilities (FNC)	<p>Provides the best technology solutions to stated OPNAV requirements by bundling discrete but interrelated S & T products that deliver a distinctly measurable improvement to align with the pillars of the Chief of Naval Operation's and the Commandant of the Marine Corps' vision for the future-Naval Power 21-and to focus on providing Enabling Capabilities (ECs) to close warfighting gaps.</p>	ONR	ONR yearly call April/May	3-5yrs	<p>0-\$30M</p> <p>Each product ~\$4.25M</p> <p>Each program ~\$20-\$30M</p>	Each major Navy/Marine Corps Systems Command	<p>A three-star Navy and Marine Corps Board of Directors, the Technical Oversight Group, approves the FNCs based on their contribution to closing S&T capability gaps.</p>	3 to 6	<p>Email: onr.fnc-team@navy.mil</p>	<p>http://www.onr.navy.mil/en/Science-Technology/Directorates/Transition/Future-Naval-Capabilities-FNC.aspx</p>
Innovative Naval Prototype (INP)	<p>To design, build, and demonstrate prototypes of innovative (high BA 2 or BA 3) technology. Focus on high-risk/high-payoff opportunities emerging from the D&I portfolio that can significantly impact Naval capabilities if technology can mature.</p>	ONR	Yearly Call October	4-8yrs	\$150-\$200M 4-8 years	Anyone can propose an INP.	<p>Approved and overseen by the Naval S&T Corporate Board (Assistant Secretary of the Navy for Research, Development and Acquisition (RD&A), Assistant Commandant of the Marine Corps and Vice Chief of Naval Operations) Go-No Go Reviews based on defined technical goals at 2 to 3 year intervals.</p>	5 to 7	-	<p>http://www.onr.navy.mil/en/Science-Technology/Directorates/Transition/Innovative-naval-prototypes.aspx</p>

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Joint Capability Technology Demo (JCTD)	The JCTD Program executes operational prototypes to address the most pressing technology gaps facing the Department of Defense. Starting in FY15 JCTD, projects primarily be initiated to develop technology solutions in the four EC&P focus areas	OSD / EC&P	Throughout FY15 and FY16	Aim to be completed within two years, although longer duration projects will be considered.	0-\$10M ~\$10M of S&T funding plus in-kind funding from sponsors	Federal Service programs. Proposals must have a COCOM as the primary sponsor and support joint, coalition, or inter-agency capabilities.	All JCTD Information: • White Papers • updates • briefs • quads submitted to the Knowledge and Information Management System (KIMS)	6 to 9	Email osd.pentagon.ousd-att.list.jctd-poc@mail.mil	http://www.acd.ou.edu/PROGRAMS/JCTD.html
Marine Corps Technology Division	To identify future challenges and opportunities, develop warfighting concepts, and comprehensively explore options in order to inform force development.	MCCDC Marine Corps Warfighting Lab	On-Going	-	-	-	-	-	mcwlpao@usmc.mil	http://www.mcwl.marines.mil/
Memorandum of Understanding or Memorandum of Agreement (MOU/MOA) with other Federal Agency Agreement	MOU/MOA agreement allowing other Federal Agencies (i.e. DARPA) to collaborate with the Navy individually or together on: • research • development • engineering, or other tasks	DoD/Partner	-	0-3yrs	0-\$3M Max < \$1M per year for up to three years may be extended up to another two years by amendment with appropriate review	Navy with other Federal Agency	Contact the NAWCAD Business & Partnership Office	3 to 6	-	http://corpslakes.usace.army.mil/employees/ceacw/mou.cfm
National Labs (DoE-Los Alamos, Oak Ridge, etc.)	Partnering (MOU), collaboration, in-kind support	Various	On-going	Case by case	Case by case	Case by case	-	Varies	-	Http://www.dmoz.org/Regional/North_America/United_States/Government/Executive_Branch/Department_of_Energy/DOE_National_Laboratories/ http://energy.gov/offices/Labs%20Technology%20Centers
Navy Manufacturing Technologies (ManTech)	Provides for the development of enabling manufacturing technology and the transition of this technology for the production and sustainment of Navy weapon systems to support the Fleet	ONR	Annually	0-3yrs	0-\$3M Two years	• defense contractors • the Naval Research Enterprise • Navy acquisition Program Offices • academia	http://www.onr.navy.mil/Science-Technology/Directories/Transition/Manufacturing-ManTech.aspx	5 to 7	DoD dodmantech@drc.com	http://www.onr.navy.mil/ScienceTechnology/Directories/Transition/Manufacturing-ManTech.aspx

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Navy Manufacturing Technologies (ManTech) Centers of excellence	The Navy ManTech Program executes its projects primarily through its Centers of Excellence. The Centers of Excellence were established as focal points for the development and transition of new manufacturing processes and equipment in a cooperative environment with industry, academia and the Naval Research Enterprise	ONR	-	1-3yrs	<p>\$500K-\$3M</p> <p>The Centers of Excellence:</p> <ul style="list-style-type: none"> • Execute projects; • manage project teams • Serve as corporate expertise in technological areas • Collaborate with acquisition program offices / industry to identify and resolve manufacturing issues • Develop and demonstrate manufacturing technology solutions for identified Navy requirements • Provide consulting services to Naval industrial activities and industry • Facilitate transfer of developed technologies <p>The Navy Program currently has nine centers of excellence.</p>	-	<p>The Navy ManTech Program is part of the Department of Defense (DoD) ManTech Program, managed by the Office of the Deputy Under Secretary for Defense, Advanced Systems & Concepts, which has oversight of the ManTech programs of the Services and the Defense Logistics Agency (DLA). These organizations, together with the Missile Defense Agency (MDA), coordinate their programs through the auspices of the Joint Defense Manufacturing Technology Panel (JDMTP) consisting of the ManTech directors of the Services, DLA, and NDA with advisory representation from the Office of the Secretary of Defense (OSD), the Department of Commerce's National Institute of Standards and Technology (NIST), the Department of Energy, and industry. The JDMTP is organized to identify and integrate requirements, conduct joint program planning, and develop joint strategies.</p>	5 to 7	-	http://www.onr.navy.mil/science/Technology/Directorates/Transition/ManTech/Navigation/ManTech-Center-Excellence.aspx
Quick Reaction Fund (QRF)	Focus is on shorter cycle time Conventional Forces and responding to emergent needs during the execution years that take advantage of breakthroughs in rapidly evolving technologies	OSD	Proposals may be submitted any time during the year as opportunities and need arise	0-1yr	\$100K- \$1M Max	https://epts.dtic.mil/epts/main_qrf.html	QRF takes advantage of technology breakthroughs in rapidly evolving technologies. It provides Components, Combatant Commanders and Force Providers an opportunity to capitalize on emergent technology and to rapidly field-test promising new technology prototypes that can immediately have an impact on military operations. Criteria QRF initiatives are limited to those that will deliver a military prototype application within 6-12 months of being funded. Projects funded thus far are generally in the dollar range from several hundred thousand to several million dollars.	7 to 9	Email QRF_Contact@onr.navy.mil	-
Rapid Innovation Fund (RIF)	The Rapid Innovation Fund (RIF) is designed to transition innovative technologies, primarily from small businesses, that resolve Department of Defense operational challenges.	OSD / ONR(BAA)	Annual BAA Issued early September	24 months Max	\$3M Max	Industry and Academia Navy laboratories may team with other responsible sources from academia and industry but are not eligible to receive awards.	A total of four Broad Agency Announcements (BAA), including one from each Military Department and one from the Office of Small Business Programs (OSBP), will be used to solicit white papers and technical proposals for RIF funding. Upon release, each of these BAAs will remain open for a minimum of 60 days.	5 to 7	-	<p>ONR 'BAA list':</p> http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities/Broad-Agency-Announcements.aspx

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Rapid Reaction Fund (RRF)	Focus is on emerging technologies addressing irregular warfare capabilities with the goal of leveraging the DoD science and technology base, other federal departments, academia and industry to accelerate fielding of affordable, sustainable capabilities and concepts to counter emerging threats	OSD	Proposals may be submitted any time during the year as opportunities and need arise	6 to 18 months Capabilities are developed and fielded through a supporting spiral approach	Varies	Varies	Varies	7 to 9	Email QRF_Contact@onr.navy.mil	http://www.acq.osd.mil/rfd/index.html
Reduction in Total Ownership Costs (RTOC)	To achieve readiness improvements in weapon systems and to reduce operations and support costs.	OSD	Annual Call October	0-3yrs	\$5M Max <\$3M any fiscal year <3 years	Partnerships involving Program Managers: • programming, budgeting and requirements communities • basic and applied technology base developers • test and evaluation communities	The Deputy Secretary of the Navy Acquisition and Logistics Management memorandum promulgates to the SYSCOMs, PEOs and DASNs the Director of Defense Research and Engineering Call for R-TOC Projects	7 to 7	-	https://acquisition.navy.mil/rde/home/acquisition_one_source/reduction_of_total_ownership_costs
SBIR Phase I Start up	Feasibility study to evaluate the scientific and technical merit of an idea	ONR	Tri Annual Solicitation November April July	0-.5yr	\$150K Max \$80K with \$70K option 6 months Competitive Solicitation	Small Businesses	Eligibility Determine topic feasibility and scientific or technical merit in 3 phases. Method Topics: • endorsed by PMAs • reviewed by T-Codes • selected by PEOs, • contracts created & monitored by SBIR Office	0 to 3	ONR Director, Navy SBIR Programs (703) 696-0342	http://www.navy.sbir.com/ http://www.onr.navy.mil/ScienceTechnology/Directorates/Transition/~media/File%03T/ONR-SBIR-AWARD-STRUCTURE-2013.aspx
SBIR Phase II	Expand on the results of and further pursue the development of Phase I.	ONR	At completion of Phase I	0-2yrs	Based on the results achieved in Phase I, usually does not exceed \$1,000,000 total costs for 2 years	Small business that has successfully completed Phase I	-	2 to 7	ONR Director, Navy SBIR Programs (703) 696-0342	http://www.onr.navy.mil/ScienceTechnology/Directorates/Transition/~media/File%03T/ONR-SBIR-AWARD-STRUCTURE-2013.aspx

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SBIR Phase III	Commercialization of the results of Phase II	ONR	As Phase III funds are identified	1-3yrs	\$1.5M Max \$Unlimited Unlimited time Funding can come from the Government or Private Sector	Any SBIR company that has identified non-SBIR source of funds	-	6 to 9	ONR Director, Navy SBIR Programs (703) 696-0342	http://www.navy.sbir.com/ http://www.onr.navy.mil/ScienceTechnology/Directories/Transitions/~/media/File/03/ONR-SBIR-AWARD-STRUCTURE-2013.aspx
Small Business Innovation Research (SBIR)	Funds the critical startup and development stages and encourages the commercialization of technology, product or service from a Small Business (NTE 500 employees)	-	Tri Annual Call March July October	-	Determine topic feasibility and scientific or technical merit in 3 phases.	Determine topic feasibility and scientific or technical merit in 3 phases.	Topics: • endorsed by PMAs • reviewed by T-Codes • selected by PEOs, • contracts created & monitored by SBIR Office	0 to 9 over the 3 phases	ONR Director, Navy SBIR Programs (703) 696-0342	http://www.navy.sbir.com/index.html https://www.sbir.gov/about/about-t-sbir
Small Business Technology Transfer (STTR)	Foster the innovation necessary to meet the nation's scientific and technological challenges. Provides: • Funding opportunities in the federal innovation research and development arena • Expansion of public/private sector partnership to include the joint venture opportunities for small business and the nation's premier nonprofit research institutions	OSD/ONR/NAVAIR	Annual Call June	-	Determine topic feasibility and scientific or technical merit in 3 phases.	Small Businesses partnered with Research Academia and nonprofit research Institutions	Topics: • submitted by technical community • selected and approved by NAEC CTO and S&T IPT team • require PMA statement of interest • no ITAR-restricted or classified topic areas • contracts created & monitored by SBIR Office	2 to 4	ONR STTR Program Manager (703) 696-7830	http://www.navy.sbir.com/index.html https://www.sbir.gov/about/about-t-sbir
STTR Phase I Start up	Feasibility study to evaluate the scientific and technical merit of an idea	ONR	Annual Topic Call June	0-1yr	\$150K Max \$80K with \$70K option 7 months Competitive Solicitation	STTR Partnerships: Small Businesses partnered with eligible Research Institutions	-	1 to 5	ONR STTR Program Manager (703) 696-7830	http://www.navy.sbir.com/index.html https://www.sbir.gov/about/about-t-sbir
STTR Phase II	Expand on the results of Phase I and develop a prototype product or process.	ONR	At completion of Phase I	0-2yrs	\$1,000,000 Max \$500K with \$250K option 18 months with 9 month option Government Selected	STTR Partnerships with successful phase I completion	-	2 to 5	ONR STTR Program Manager (703) 696-7830	http://www.navy.sbir.com/index.html https://www.sbir.gov/about/about-t-sbir

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STTR Phase III	Commercialization of the results of Phase II	ONR	As Phase III funds are identified	1-3yrs	\$3M Max \$Unlimited Unlimited time Funding can come from the Government or Private Sector	Any STTR company that has identified non-STTR source of funds; No research institution partnership required	-	6 to 10	ONR STTR Program Manager (703) 696-7830	http://www.navy.sbir.com/index.html https://www.sbir.gov/about/about-sttr
Swamp Works	Explores innovative, high-risk and disruptive technologies and concepts	ONR	Leverages short exploratory studies to examine the maturation of a proposed technology before making substantial investments. Insertion within 1 to 3 years	1-3yrs	\$100K-\$1M Max Leverages short exploratory studies to examine the maturation of a proposed technology before making substantial investments. Insertion within 1 to 3 years.	Substantial flexibility in planning and execution; The process allows for the shortest possible technology development timeframe; A formal transition agreement is not required; Programs routinely have strong advocacy outside of the ONR either from the acquisition community or the fleet.	Substantial flexibility in planning and execution; The process allows for the shortest possible technology development timeframe; A formal transition agreement is not required; Programs routinely have strong advocacy outside of the ONR either from the acquisition community or the fleet.	2 to 6	ONR, Office of Innovation (703) 696-6774 swampworks@onr.navy.mil	http://www.onr.navy.mil/ScienceTechnology/Directorates/office-research-invention/swamp-works-innovation.aspx
Technology Insertion Program for Savings (TIPS)	To Increase the rate that new cutting edge technologies are inserted into DON Acquisition programs in order to significantly reduce operations and maintenance support costs. Structured to rapidly transition applicable commercial off-the-shelf solutions and late-stage development technologies from any source to meet an immediate need.	ONR	NAE CTO call: September Proposals due: October ONR call: November Proposals due from SYSCOMs: 1 Feb	0-2yrs	\$2M Max <24 months	Program Office military/civilian (can collaborate with Navy contractors) Requires: Program Office Acquisition Sponsorship OPNAV Resource Sponsorship (responsible for out-year funding)	ONR issues a proposal quota for each SYSCOM. The final NAE CTO selections package is sent to ONR. ONR Transition Office staff review all submitted proposals against the required criteria. Those deemed appropriate for source selection get subjected to a technical review panel. Final selections are made by the Executive Review Group (ERG)	Start 6+, End 8+	ONR Office of Transition (Code 03T) Transition Initiative Program 3TTX_Contact@onr.navy.mil TIPS program office TIPS_Contact@onr.navy.mil	http://www.onr.navy.mil/ScienceTechnology/Directorates/Transition/Technology-Insertion-Program-Savings/TIPS.aspx
Technology Solutions	Hot line for meeting current fleet needs Rapid-response S&T solutions to immediate Fleet/Force needs identified by Sailors and Marines; addresses: • New applications of emerging/existing technologies • Well-bounded problems with S&T solutions • Impact to the individual warfighter	ONR	Accepts on-going requests	Maximum 12 months to complete Goal: prototype demo within 15 to 18 months of request	Average project ~ 750K	US Navy and Personnel only Solution developed by Naval Research Enterprise (NRE) or National LabsCommercial &/or academic partners are common	Request submitted by E4 -O4 Sailor/Marine or ONR Science Advisor to the ONR TechSolutions office	6+ at end	703-696-0616 techsolutions@onr.navy.mil	http://www.onr.navy.mil/techsolutions/ http://www.onr.navy.mil/ScienceTechnology/Directorates/Transition/tech-solutions-innovation.aspx

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University Research Initiatives (URI)	<p>The University Research Initiative seeks to improve the quality of defense research conducted by universities and supports the education of engineers and scientists in disciplines critical to national defense needs. The initiative is a collection of specialized research programs performed by academic research institutions:</p> <ul style="list-style-type: none"> • Defense University Research Instrumentation Program (DURIP) • DoD Experimental Program to Stimulate Competitive Research (DEPSCOR) • Multidisciplinary Research Program of the University Research Initiatives (MURI) • The Presidential Early Career Award for Scientists and Engineers (PECASE) Program • Young Investigators Program (YIP) 	Universities	<p>DURIP (FY2016) : Submit by 25 September</p> <p>MURI (for FY16): White Papers due 08 September 2015 Full Proposals due 07 December 2015</p>	2-5yrs	<p>\$50K-\$5M Max</p> <p>Varies by Program Typically NTE \$50K - \$1M per year Funded Incrementally or as options NTE 2 to 5 years</p>	U.S. institutions of higher education with degree granting programs in science, math, or engineering	-	1 to 4	-	http://www.onr.navy.mil/ScienceTechnology/Directorates/office-research-discovery-invention/Spontaneous-Research/University-Research-Initiatives.aspx