



DART
DRONE AUTOMATION & ROBOTICS TECHNOLOGY

&

STARTUP
MONTEREY BAY
CONNECT



**ENTREPRENEURSHIP OPPORTUNITIES WITH
THE DEPARTMENT OF DEFENSE**

MARCH 12TH, 5:30-7:30 PM



UCMBEST CENTER

3180 IMJIN RD | MARINA, CA

Featured Speakers:



OFFICE OF RESEARCH
& INNOVATION



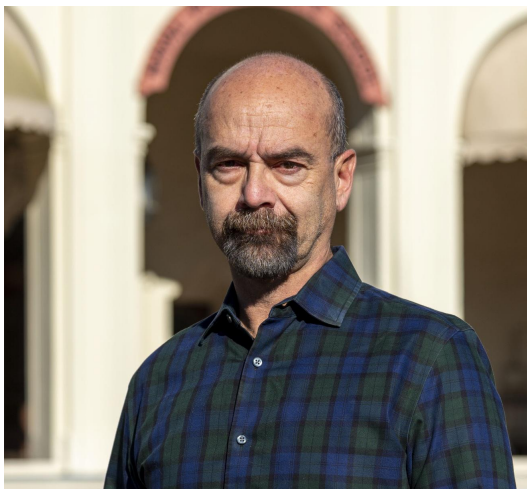
MONTEREY
BAY
APEX
ACCELERATOR

NAVAL XX

HAWKTOWER

VENTURE CAPITAL FOR CENTRAL CALIFORNIA





Marco Romani
Director, NavalX Central
Coast Tech Bridge





NAVAL X

Marco Romani

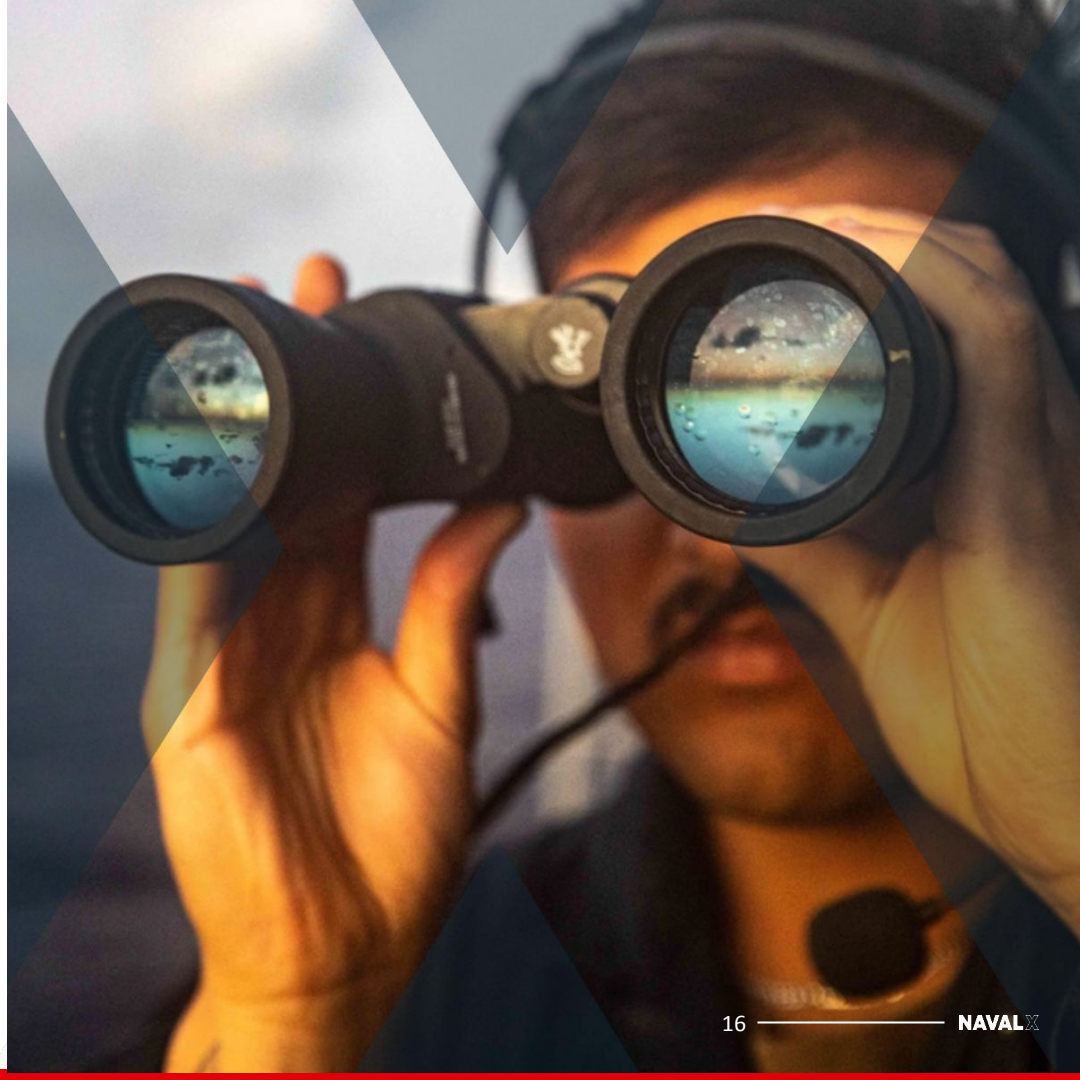
CAPT USN (ret)

Director NavalX Central Coast Tech Bridge

Introduction to NavalX

Charting the Future

NavalX is in the
business of innovation
for the Department of the Navy
(U.S. Navy and Marine Corps)



Our Focus

Activity \neq Progress

*“The **challenge** is still taking **new** systems, **new** platforms, **new** capabilities from **prototype** to **low-rate** production in a **timely** **manner.**”*

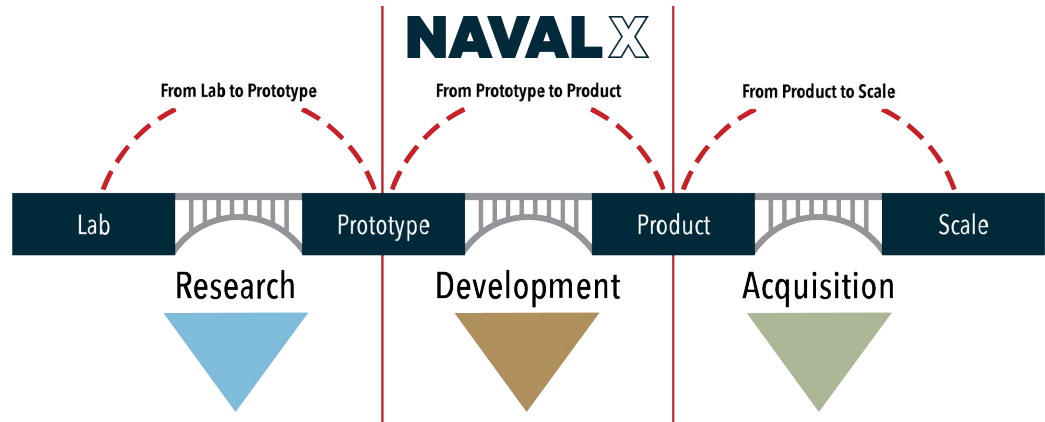
ADM Mike Gilday, Chief of Naval Operations (CNO),
2023 Surface Navy Association National Symposium

Operational Challenges

Sailors & Marines need access to *relevant, mission-critical* tools and systems — and today’s processes too often come at the expense of providing solutions that meet their immediate needs.

Enterprise Problems

Traditional acquisition and development processes are expensive — in the time it takes to field disruptive tech, in the limitations placed on small businesses, and in the essential capabilities lost along the way.



What is a Tech Bridge

- Tech Bridges were created as the front door for academia, startups, small businesses, and local experts to collaborate with the United States Navy and Marine Corps.
 - Shepherd companies through the process of doing business with the Department of the Navy
- Each Tech Bridge is a cultivated ecosystem with industry partners, local academia, economic development partners, and the labs and subject matter experts at the local command(s).
 - The Central Coast Tech Bridge (C2TB) is located at the Naval Postgraduate School (NPS)
- Provide access to U.S. Government developed Intellectual Property (IP)
 - Complement a company's own IP
 - Provide entrepreneurs with patented technology via licenses
 - Work with NPS Technology Transfer office
 - Search for IP at



Tech Bridge Network

A network of 19 regional offices — located domestically and internationally — focuses on unique local capabilities and expertise. Through this engagement, we build partnerships with local governments, economic development organizations, academic institutions, small businesses, and other critical affinity groups.



CAPITAL

- Advanced Manufacturing
- Explosive Ordnance Disposal (EOD)
- Modeling & Simulation
- Naval Architecture

CENTRAL FLORIDA

- Human-Machine Teaming
- Human Performance
- LVC Technologies
- Modeling & Simulation
- Training

GULF COAST

- Applied AI/ML
- Coastal/Ocean Sciences
- Data Analytics
- Meteorology
- Sensing & Prediction
- Uncrewed Systems

INLAND EMPIRE

- Data Analytics
- Data Environments
- Data Visualization
- Measurement Tech

JAPAN

- Advanced Manufacturing
- Assured Communications
- Cyber

LIBERTY

- Cyber
- Data Environments
- Digital Engineering
- Machinery Controls
- Maintenance/Repair
- Measurement Tech
- Sustainment

MID-ATLANTIC

- Advanced Manufacturing
- Autonomous Systems
- Cyber
- Human Performance
- Ship Design
- Uncrewed Systems

NORTHEAST

- Acoustics/Signals
- Bioscience Technology
- Coastal/Ocean Sciences
- Material Science
- Sensing/Prediction
- Uncrewed Systems

PALMETTO

- Applied AI/ML
- Assured Communications
- Autonomous Systems
- Cyber
- ISR
- LVC Technologies

SOUTHERN MARYLAND

- Autonomous Systems
- LVC Environments
- Modeling & Simulation
- Uncrewed Systems

CENTRAL COAST

- Applied AI/ML
- Automation/Robotics
- Autonomous Systems
- Data Analytics
- Power/Energy
- Meteorology

EASTERN NORTH CAROLINA

- Advanced Manufacturing
- Automation/Robotics
- Maintenance,/Repair
- Sustainment
- Technical Insertion
- VR/Mixed Reality

HAWAII

- CSISR
- Power/Energy
- Resilience
- Space Systems

LONDON

- Applied AI/ML
- Autonomous Systems
- Maintenance/Repair
- Power/Energy
- Sustainment
- Workforce of the Future

MIDWEST

- Electronic Warfare
- Hypersonics
- Microelectronics
- Power/Energy

NORTHWEST

- Automation/Robotics
- Data Analytics
- Test & Evaluation
- Uncrewed Systems

SOCAL

- Bioscience Technology
- C5I
- Maintenance/Repair
- Power/Energy
- Resilience
- Sustainment
- Uncrewed Systems

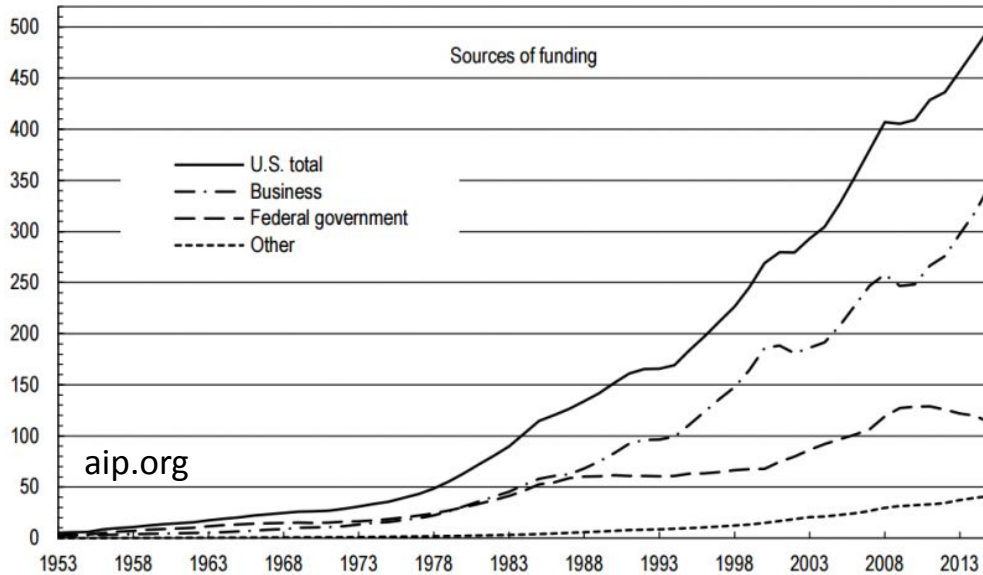
VENTURA

- Advanced Manufacturing
- Autonomous Systems
- Maintenance/Repair
- Sustainment
- Uncrewed Systems
- VR/Mixed Reality

Why look outside DoD?

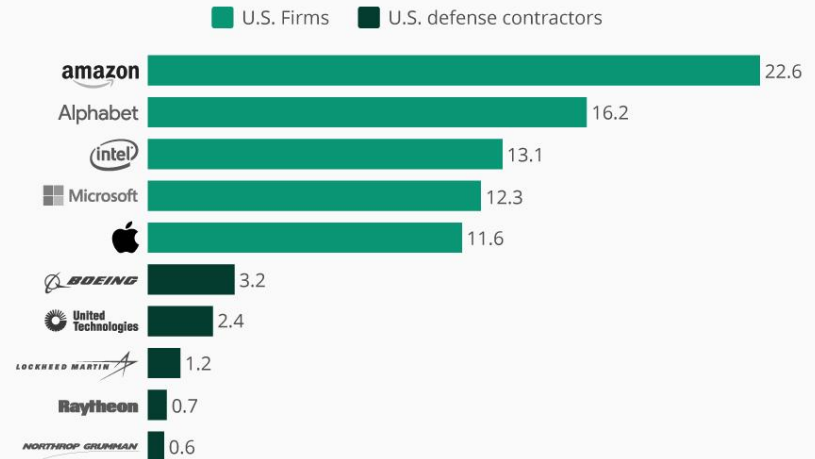
FIGURE 1. U.S. R&D, by performing sectors and source of funding: 1953–2015

Current dollars (billions)



Private Sector Outspends Defense Contractors in R&D

Research and development budget by company in 2018 (billion USD)



@StatistaCharts Sources: PwC, Council on Foreign Relations

statista

<https://fedtechmagazine.com/article/2018/09/how-government-helped-spur-microchip-industry>

<https://www.internetsociety.org/internet/history-internet/brief-history-internet/>

Catalyzing the Tech Bridge Network

By connecting and providing access to critical resources and knowledge, NavalX can force-multiply and scale the impact of Tech Bridges.

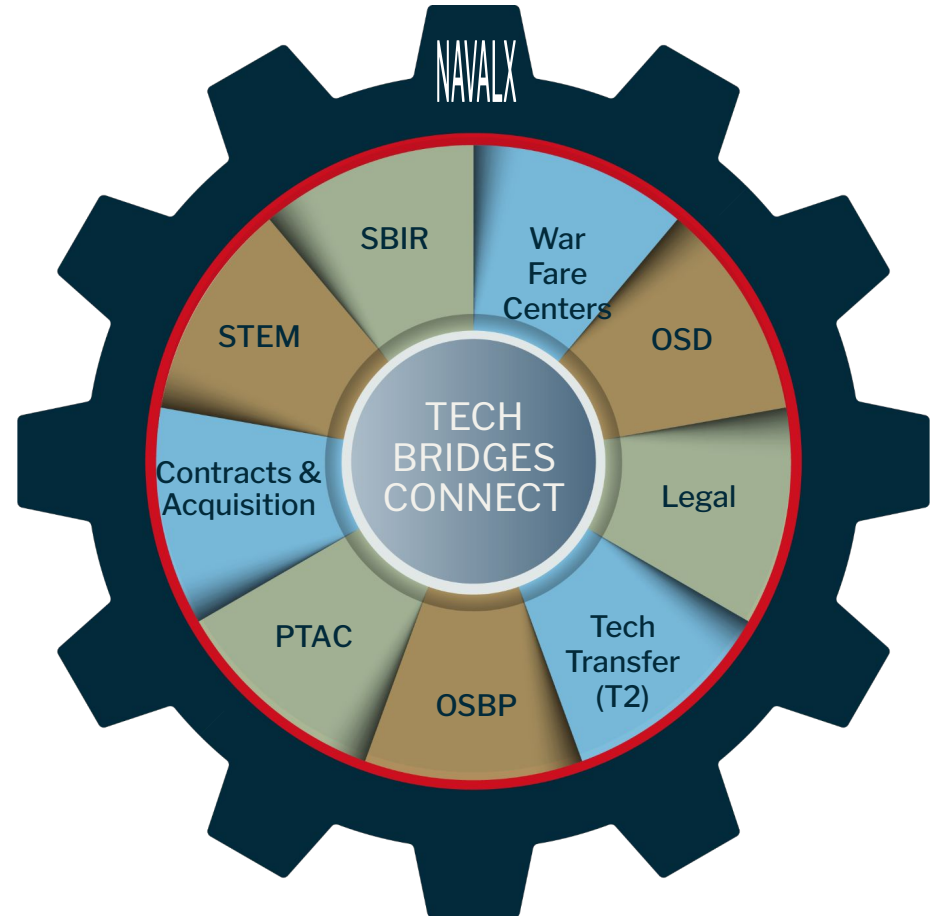
OSD – Office of the Secretary of Defense

OSBP – Office of Small Business Programs

PTAC – Procurement Technical Assistance Center

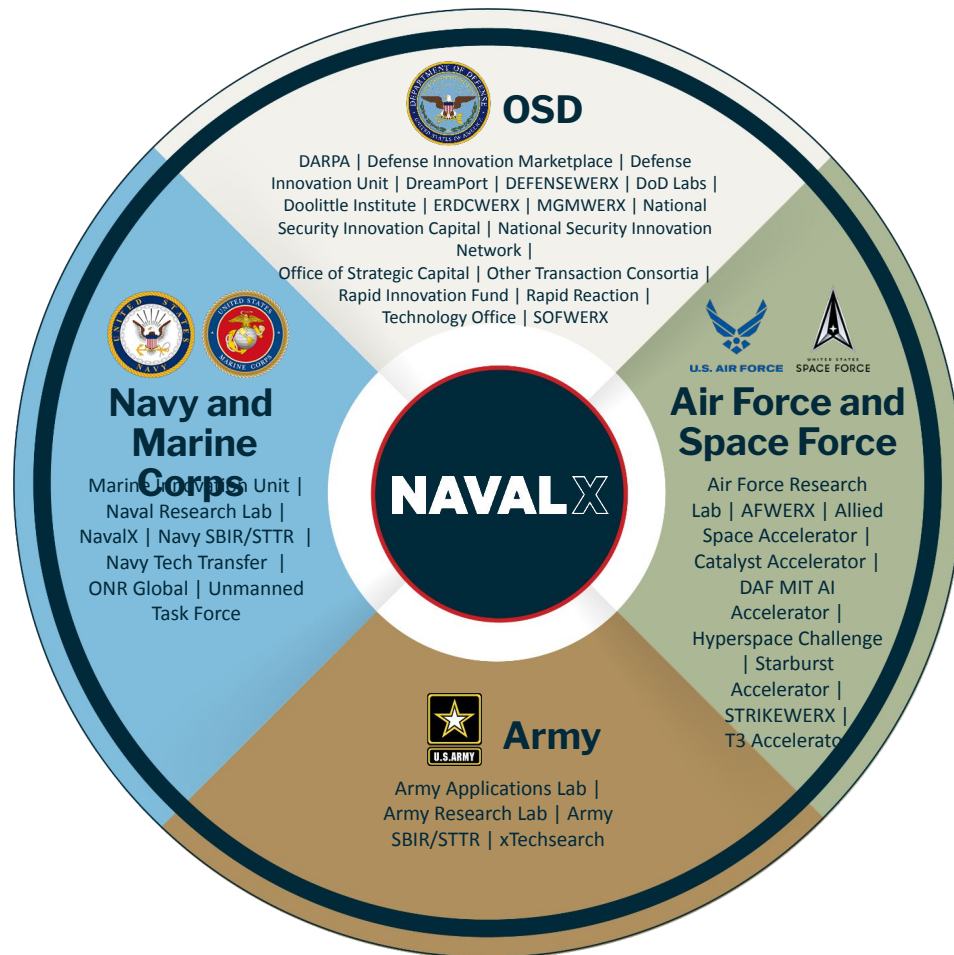
STEM – Science Technology Engineering Mathematics

SBIR – Small Business Innovation Research



The DoD Innovation Ecosystem

The C2TB is an entry point into the network of Department of Defense organizations dedicated to working with entrepreneurs, small businesses, and other nontraditional solution providers to address some of the Military's toughest problems.



Get in Touch

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THANK YOU

NAVAL X