



CONTACT



For Media Requests Contact:
Haley Lucas, Community Manager
Haley@FATHOMWERX.com



fb.com/FATHOMWERX



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ABOUT FATHOMWERX

FATHOMWERX was established in 2019 as a public-private consortium and resource for technical innovation and capability transition.

The facility, located at the Port of Hueneme, includes 60,000 square feet of space dedicated to fostering rapid innovation, disruption, and audacious projects. Through strategic partnerships within the region, programs conducted at FATHOMWERX evaluate developing technologies against operational needs in the port and maritime domains, and suggest pathways for engagement, funding, collaboration and implementation. Local community members have the opportunity to join the FATHOMWERX community where their membership will give them exclusive access to the facility.

FATHOMWERX utilizes partnerships with the Economic Development Collective, the Port of Hueneme, NAVSEA Port Hueneme, and Matterlabs to facilitate and run events in the local community and is also a liaison to the partner organizations.

PARTNERS



BOARD OF DIRECTORS



KRISTIN DECAS
CEO/PORT DIRECTOR PORT OF HUENEME

A proven leader, Kristin Decas repeatedly demonstrates her ability to build a vision and implement strategy through open, collaborative processes that foster results. Kristin was the first woman to run both the Port of New Bedford in its 50-year history and the Port of Hueneme in its 82-year history. In 2015, she was elected to Chair the American Association of Port Authorities, the 4th woman to hold the post in the Association's 106 years.



BRUCE STENSLIE
PRESIDENT/CEO ECONOMIC DEVELOPMENT COLLABORATIVE

Bruce Stenslie has 30 years of experience in workforce and economic development and has served since 2007 as President and CEO of the Economic Development Collaborative (EDC). Prior to joining EDC, Stenslie served as Deputy Director for the California Workforce Association, Workforce Policy Director for the City of Los Angeles, Assistant Director of the Ventura County Human Services Agency and Executive Director of the Workforce Investment Board.



ALAN JAEGER
OFFICE OF RESEARCH AND TECHNOLOGY APPLICATIONS MANAGER
NAVAL SURFACE WARFARE CENTER PORT HUENEME DIVISION

Mr. Alan Jaeger serves as the Office of Research and Technology Applications Manager (ORTA) for the Naval Surface Warfare Center Port Hueneme Division. He is responsible for developing and maintaining strategic partnerships that facilitate the innovation and collaboration that accelerates the transfer of technologies necessary to meet the emerging and evolving needs of the fleet and warfighter.



BRYAN WENT
CEO MATTER LABS

Bryan Went is the co-founder and co-CEO of Matter Labs, a corporate innovation lab that focuses on solving problems in the technology industry locally. Bryan also serves on the Board of Directors for FATHOMWERX, a public-private consortium and collaborative technical innovation lab located in Ventura County.



Ventura Tech Bridge located at FATHOMWERX

FATHOMWERX was established in 2019 as a public-private consortium and resource for technical innovation and capability transition. FATHOMWERX includes 60,000 square feet of space focused on rapid innovation, disruption and audacious projects with support engagement, education, experimentation, and assessment, designed to connect operational stakeholders with technical subject matter experts who might assist in developing solutions to address operational needs.

Through strategic partnerships within the region, programs conducted evaluate developing technologies against operational needs in the port and maritime domains, and suggest pathways for engagement, funding, collaboration and implementation.

**READ THE
RELEASE**

[VIEW PRESS RELEASE >>](#)

The Lab

60,000 square feet of space focused on rapid innovation, disruption, and audacious projects. We have 20,000 sq. ft. dedicated to testing, prototyping, and innovation with another 40,000 sq. ft. of flex space for demonstrations, events, and exercises. We are not open to the public and located in a secure facility. Please contact us on how to gain access.



LAB CAPABILITIES

- 60,000 sqft of equipment and tools
- Indoor UAV cage
- Above ground water tank
- Material characterization equipment
- Accelerated corrosion testing
- Thermal imaging for failure analysis
- Additive Manufacturing (ABS/PLA/Metal)
- Mixed Reality lab space (coming soon)
- Ready access to the waterfront
- High-Speed Commercial Internet
- Meeting/Collaboration Space
- Stage with Audio/Video

ADDITIVE MANUFACTURING:

- Lulzbot Taz 6 (x2): for printing in plastics
- Lulzbot Mini: for printing in plastics
- Upbox+: for printing in plastics
- General Electric Dual Laser M2: for printing in metals

MATERIALS TESTING:

- Accelerated Weathering Tester
- Drop Shape Analyzer
- EZT-430i Controller
- Flir Thermal Imager
- Microclimate Chamber
- Moisture Vapor Transmission Rate Tester

MILLING AND METAL WORK:

- Haas MiniMill CNC Machine
- Jet Box and Pan Brake
- Baileigh Hydraulic Shear
- Baileigh Hydraulic Notcher
- Miller MIG 350 Welder
- Miller Spectrum 625 Plasma Cutter (awaiting delivery)
- Jet ZX Large Bore Lathe
- Dewalt Miter Saw w/ Abrasive Discs
- Dewalt 4.5" Angle Grinder
- Jet 8" Industrial Bench Grinder
- Assorted Hand Tools, blades, bits, parts, and supplemental equipment for each above item

WOOD WORK AND MISC TOOLS:

- Comco Plus Mini Cabinet Blaster
- ALC Cabinet Blaster (x2)
- Sawstop Table Saw (awaiting delivery)
- Jet Vertical 14" Band Saw (for wood and metal)
- Jet Elite Horizontal Band Saw (for wood and metal)
- Jet Combination Sander
- Dewalt Random Orbit Sander
- Jet 13" Planer
- Dewalt Router w/Fixed and Plunge Bases
- Milwaukee 7 1/4" Circular Saw
- Powermatic 48" Wood Lathe
- Jet 15" Variable Speed Drill Press (for wood and metal)
- Assorted Hand Tools, blades, bits, parts, and supplemental equipment for each above item

FATHOMWERX & STEM



FIRST Robotics

FATHOMWERX and FIRST Robotics are official partners striving to provide students resources and opportunities to explore the different fields of STEM as well as exposing them to different team building exercises that reflect real life business tactics.

FIRST Robotics Competition 2021

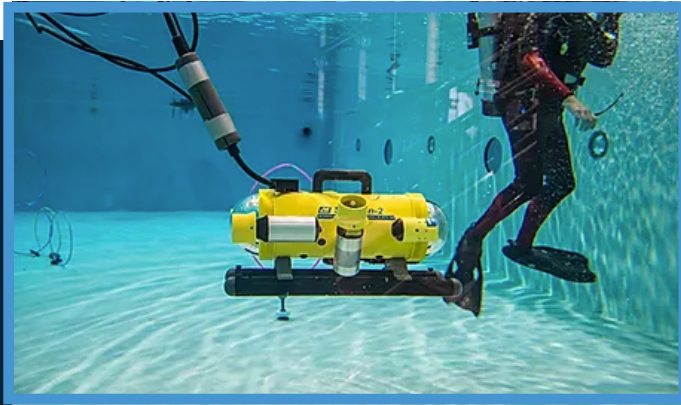
The First Robotics Competition in 2021 will be held at the FATHOMWERX lab. Teams of students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. Click [here](#) to learn more about the competition.

COLLABORATION

FATHOMWERX aims to collaborate with partners such as FIRST Robotics to provide students with STEM opportunities and resources. We want to create as many interactive STEM environments possible for students.



UNIQUE ASSETS



ABOVE GROUND POOL

75,000 gallons of the controlled test environment. 25' wide x 50' long x 12' high with portholes on the side our test pool can offer you wide variety of scenarios and options.

DRONE CAGE

50" wide x 25" long and almost 40 feet tall our drone cage offers plenty of space to test your projects.



3D METAL PRINTER

The metal 3D printing technology allows to create custom parts in a very short turnaround time.

ADVANCED MATERIALS & WEATHER TESTING

Hot, UV, Salty, and more.



FATHOMWERX MEMBERSHIP



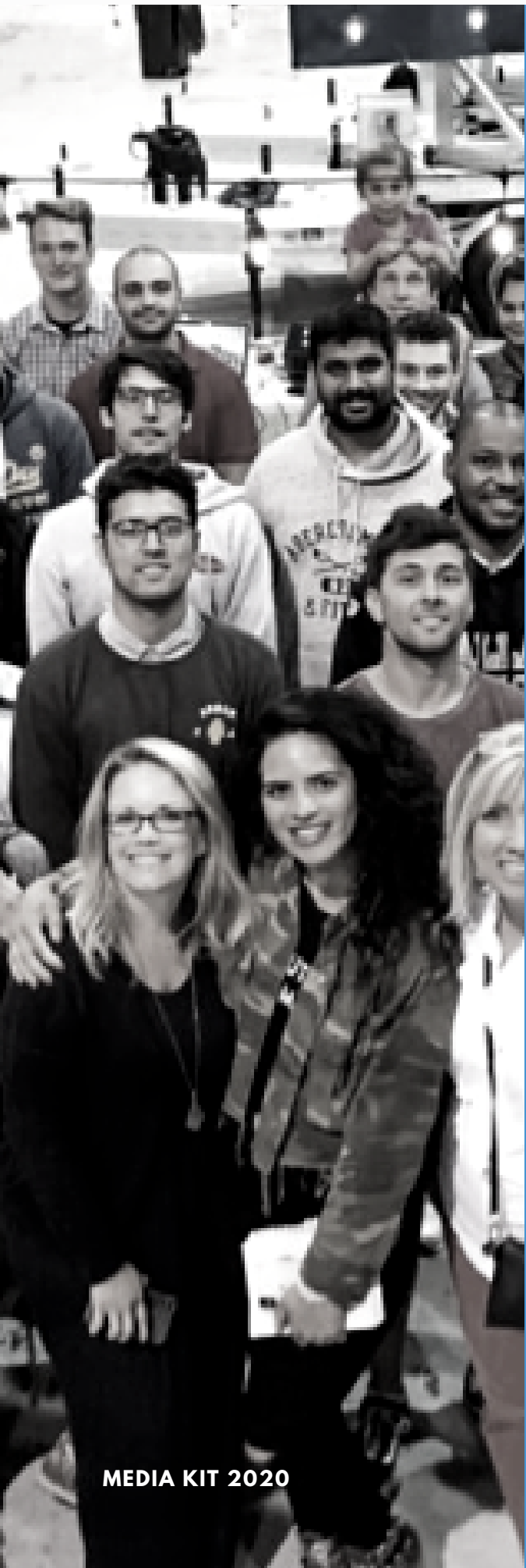
FATHOMWERX community members will receive access to various support services aimed at maximizing their exposure and creating many business opportunities to market and promote their technologies and capabilities to prospective U.S. Government and private sector buyers.

Our FATHOMWERX membership will encompass the entire Ventura and Southern California innovation ecosystem.

[APPLY NOW](#)

- + FATHOMWERX EVENTS**
Exclusive access to Educational and Technology events offered by FATHOMWERX
- + GOVERNMENT OPPORTUNITIES**
One on one access to government entities and resources including Department of Defense and technology sectors
- + MENTORSHIP**
Access to Industry leading experts in the defense, contracting, security and venture capital sectors.
- + RESOURCES**
Resources to help you efficiently navigate the government contracting world.
- + COMMUNITY EVENTS**
Exclusive access and discounted rates to Educational, Technology and Community held events.
- + COLLABORATION**
Networking and collaboration opportunities with other FATHOMWERX innovators and partners across the industry.

OUR EVENTS



In partnership with the Economic Development Collaborative, The Port of Hueneme, NAVSEA Port Hueneme, FIRST Robotics, and Matter Labs, FATHOMWERX hosts a variety of events that aim to connect civilians and businesses with government opportunities and academic resources.

ANTX 2021

ANTX will promote increased awareness surrounding current and near-term capabilities and collaboration in the development of technical solutions to operational needs. The event will also provide opportunities for technical and operational stakeholders to discuss gaps in capabilities and potential technical solutions. To learn more about ANTX click [here](#).

COASTAL TRIDENT 2021

Coastal Trident is an annual education, field experimentation, and exercise program that is designed to advance the state of the art in addressing potential threats to the U.S. Marine Transportation System. To learn more click [here](#).

FIRST ROBOTICS 2021

Under strict rules, limited time and resources, teams of students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. In partnership with FIRST Robotics, Click [here](#) to learn more about the competition.

METRICS

PAST EVENTS

ANTX 2020

Over 260 participants

The ANTX Coastal Trident Technology Open House was hosted virtually through zoom and had over 260 participants over the span of three days.

COASTAL TRIDENT WORKSHOP

Over 100 meetings & 7 Letters Of Support & 59 Participants

The Coastal Trident Workshop connected 59 people with 21 subject matter experts resulting in over 100 meetings, seven letters of support, and a total of 80 participants.

NAVY PARTNERSHIPS 101 WOMEN AND MINORITY SMALL BUSINESSES

Over 100 registrants

The Navy Partnerships 101 women and minority small businesses event connected minorities to subject matter experts, covering SBIRS', funding, trademarks, success stories, and much more! Participants went from 'not knowing where to start' with government opportunities to 'optimistic' throughout the event. The event had over 100 registrants and amazing results!

FATHOMWERX METRICS

MEMBERS

Over 150 Members

FATHOMWERX has over 150 active members communicating through slack, social media platforms, and our FATHOMWERX website.

SUSCRIBERS

Over 1,700 Members

FATHOMWERX has over 1700 subscribers interested in the FATHOMWERX community.

SOCIAL FOLLOWING

Over 565 Followers

FATHOMWERX has over a total of 565 follower on their social media platforms keeping up with FATHOMWERX news.



FREQUENTLY ASKED QUESTIONS

Question: What is the FATHOMWERX?

Answer: FATHOMWERX is a joint-use collaboration space where employees can innovate, experiment, and prototype alongside government, academia, and industry counterparts.

Question: What is the FATHOMWERX lab used for?

Answer: The FATHOMWERX lab is a physical space that Government employees, industry and, academic stakeholders can work together, innovate and transfer/transition capabilities.

Question: Is the FATHOMWERX lab open for tours?

Answer: Yes, to set up a visit to the FATHOMWERX lab connect with team@fathomwerx.com.

Question: How can I get involved in the FATHOMWERX community?

Answer: Sign up for our free membership and get updated about upcoming events and opportunities.



IN THE NEWS...



PRESS

[FATHOMWERX Officially Announced as Tech Bridge for NavalX](#)

[Jetpack startup taking off at Port Hueneme incubator](#)

[Engineers 3D Print Face Shields, Respirator Masks and Face Coverings to Fill Shortages](#)



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