SENEDIA

The Alliance for Defense Tech, Talent, and Innovation

New England Submarine Shipbuilding Partnership

Partnership Newsletter

April 2024

Happy April! This month has been a busy one for the partnership. From a ribbon cutting in Rhode Island, a career fair in New Hampshire, and a welding competition in Connecticut, SENEDIA and the New England Submarine Shipbuilding Partnership has been out connecting industry with the next generation of submarine shipbuilders and defense manufacturers. There is still time if you are looking to bring on an internship candidate this summer. SENEDIA has up to $5,000 in subsidies available to fund your internship program. **Click here** to get connected to this resource.

-Tim Fox, SENEDIA Director of Operations

Partnership Updates and Information

New England Submarine Shipbuilding Partnership Has Now Surpassed 5,000 Trained

On National Submarine Day (April 11), SENEDIA shared a press release highlighting 5,000 students have completed their training and joined the New England submarine industrial base.

In just over 3 years, SENEDIA has provided technical support and facilitated the investment of $40+ million in 25 programs across six training institutions - including community colleges in Rhode Island, Connecticut, and New Hampshire - with 96 percent of participating students completing their training and joining the workforce.

"SENEDIA and its New England Submarine Shipbuilding Partnership is a critical ally in our drive to build the modern skilled workforce that the Navy needs to deliver the world's most capable submarines. SENEDIA empowers its institutional partners to sustainably accelerate and expand programming in a way that opens doors for the next generation workforce," said Rear Admiral Scott Pappano, Program Executive Officer, Strategic Submarines for the U.S. Navy.

Read the full press release

Newly Renovated CTE Pipefitting Lab Unveiled in

Cranston, RI

On April 12, SENEDIA and General Dynamics Electric Boat joined Cranston Public Schools for a ribbon cutting and student demonstration at the newly renovated Maritime Pipefitting Program lab at Cranston High School East. They were joined by at the event by Cranston Mayor Ken Hopkins and officials from the Rhode Island Department of Education.

"When educators, industry, and government collaborate in the best interest of students, great things happen," said U.S. Senator Jack Reed (RI), Chairman of the Senate Armed Services Committee.

The Cranston High School East Maritime Pipefitting Program is a General Dynamics Electric Boat partner program. The lab was renovated with federal and state education funding secured by the Cranston School Department, with funding for the equipment provided by SENEDIA through our National Imperative for Industrial Skills contract with the DoD's Innovation, Capability, and Modernization program office.

Read the full press release

2024 Project MFG Connecticut Maritime Welding Event Sparks the Next Generation of Submarine Shipbuilders

More than 100 Connecticut and Rhode Island students got an up-close looks at careers in manufacturing and defense on April 29 at the 2024 Project MFG Connecticut Maritime Welding Competition and Career Exploration Event sponsored by Project MFG, General Dynamics Electric Boat and SENEDIA.

With 24 students competing from six area schools, Lucas Ubrowicz from Ella T. Grasso Technical High School too home top honors in the welding competition, with Spencer Johnson from Howell Cheney Technical High School and Parker Slaugenhaup from CHARIHOTech came in second and third, respectively.

Read the full press release

Upcoming Training Cohorts

Machining Programs

Nashua Community College (NH)
April 15 - June 28

Welding Programs

Manchester Community College (NH)
May 20 - August 14

Email Tim Fox if you are

Coordinate an intern for summer 2024

Would you like to expand your workforce next summer? CTE students across the region are looking for work-based learning opportunities. There is funding to support internships available through the Partnership's CTE Internship Opportunity Program. Employers can receive up to $15/hour per intern for up 320 hours. The Partnership can also help connect your organization to internship candidates. To connect to CTE candidates or access funding for the internships, visit **Submarine.SENEDIA.org/Internships/**.

Training Funding is Available

Do you need to upskill a veteran employee, or get a certification

interested in hiring candidates out of these programs or attending one of these programs.

for a new hire? Funding is available through the New England Submarine Shipbuilding Partnership's Incumbent Worker/New Hire Trades and Industrial Skills Training Program. Employers can receive reimbursements for up to $30,000 per company, $10,000 per trainee for trades and industrial skills training programs. To access this funding, please complete the **form here**. Additional information on this program can be found at **Submarine.SENEDIA.org/Training/**.

Strategic Partner Updates and Information

New England Talent Pipeline Project Overview

New England Network 1 Lunch and Learn

On March 26,2024, Network 1 of the New England Talent Pipeline Project held their third Lunch & Learn, hosted by South Shore Technical High School. Paul Bello, Director of Career and Community Development, began the day with an overview of the school's curriculum, capacity, and the night school program, which supports adult education. The team was afforded the opportunity to engage with faculty members Rob Gentile, Precision Machine Tech instructor, and Cole Hoadley, Metal Fabrication and Welding instructor; the day closed out with a tour of the Machining and Welding classrooms, which gave the group a chance to interact with students and see them in action. Thank you to everyone who attended. Special thanks to Paul and South Shore Tech for showing us your amazing program and hosting another great Lunch & Learn!

News

Articles of Interest

HII Delivers Attack Boat New Jersey to Navy

HII Newport News Shipbuilding has delivered the 23rd Virginia-class nuclear attack submarine to the U.S. Navy, the company announced in a statement. New Jersey (SSN 796) is the fifth Block IV Virginia attack boat and the first designed from the keep up to accommodate mixed gender crews.

Partner Press Releases

Navy's Submarine Industrial Base and BlueForge Alliance Partner with Nuts, Bolts, & Thingamajigs

Nuts, Bolts & Thingsamajigs, the Fabricators and Manufacturers Association's charitable foundation is proud to announce a three-year educational partnership with BlueForge Alliance, a non-profit integrator supporting the efforts of the U.S. Navy's Submarine Industrial Base.

Stay up to date with the latest news and information from the New England Submarine Shipbuilding Partnership news by joining our LinkedIn Group.

Partnership LinkedIn Group

Defense Innovation Days

SENEDIA will hold **Defense Innovation Days 2024**, a three-day national convening bringing together of national security experts and policymakers with defense industry leaders developing innovative technology and the next-generation workforce 26-28 August 2024 at the Newport Marriott. This will be the tenth annual convening.

All sponsorships and booths have been sold. Registration is open, but we anticipate it selling out soon.

Register Here

Stakeholder Highlight

Connecticut Center for Advanced Technology (CCAT)

East Hartford, CT

The Connecticut Center for Advanced Technology (CCAT), a nonprofit organization founded in 2004, has a mission to lead the advancement of applied technologies, power the workforce of the future, and inspire change that supports the manufacturing base across the region and country. We run impactful programs that are developing the technical workforce and leaders that will drive technology change in the submarine industrial base, advance Industry 4.0 practices, and ensure a resilient and sustainable defense supply chain for the future. CCAT excels in its delivery of technology and training programs based upon its 20 years of experience and with important support and collaboration with key federal and state partners.

CCAT operates three Advanced Technology Centers: Advanced Design, Automation & Metrology; Additive Technologies, Optimization & Machining; and Advanced Composites Technology Center, an industry-led, public-private partnership with Pratt & Whitney, housed at Goodwin University. All facilities utilize advanced manufacturing technologies for applied research and development with expert staff experienced in metals-based AM, 3D printing with polymers, automated fiber placement for composites manufacturing, reverse engineering, structured light scanning, precision machining, digital transformation, smart manufacturing, and digital / IIoT technologies. CCAT also operates the Talent & Training (TnT) Accelerator and Digital Thread Lab (DTL), which offer advanced technology training for Industry 4.0 practices.

How can your organization help current and potential suppliers in the New England submarine industrial base?

CCAT is currently training manufacturing employees best practices for model-based definition (MBD) and digital thread practice in its new IBAS Digital Thread Lab (DTL) in East Hartford, CT. SIB employees learn how to create and validate 3-D design and analysis model files, how to accept, analyze, and process technical data packages, CAM files, CMM files, 3D scanning / non-destructive test files, and test results in automated, digital formats. The courses are designed to upskill current manufacturing industry employees to become MBD ready and enabled to support digital thread adoption and transformation at their organization. By adopting these practices, SIB companies will be able to improve operational efficiencies, improve quality rates, and create much needed additional capacity in defense supply chains. SIB employees can participate in three possible career paths and training: Digital Design and Engineering, Digital Manufacturing, and Digital QA-Inspection.

Call to Action

You can register for any in-person ½-day class in the CCAT DTL in East Hartford, CT for $50 here by credit card: https://www.ccat-dtl.com/courses-overview and

https://digitalthread.as.me/schedule.php or reach out to dtl@ccat.us and Amy Thompson will provide your company a code and will invoice your company monthly for a set of registrations for your company. You can reach out to Tim Fox at SENEDIA to find out how your company can get qualified to get reimbursed by SENEDIA for the cost of CCAT DTL course registration fees.

Get Connected

Amy Thompson
Email Amy
Call Amy

Calendar

6 May 2024 - **Project MFG Rhode Island Maritime Welding/Career Exploration Event**

Stay up to date with the newly launch **New England Submarine Shipbuilding Event Calendar**

Resources

Submarine.SENEDIA.org
Connect to training and internship funding, supply chain and resource databases, and educational resources.
BuildSubmarines.com
Connect to interested talent or post your job openings.
General Dynamics Electric Boat Supplier Page
Learn how to connect to General Dynamics Electric Boat.
New England Talent Pipeline Project
Learn about talent attraction and retention programs and resources.

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