



Huntington Ingalls Industries (HII)

- Newport News Shipbuilding (Newport News, VA)
 - Nuclear-powered aircraft carriers and submarines, overhaul, repair, maintenance and fleet support
 - 550 acres, about 20,000 employees
- Ingalls Shipbuilding (Pascagoula, MS)
 - Surface combatants, amphibious assault & transport, Coast Guard Cutters, fleet support
 - 800 acres, about 11,500 employees
- Technical Solutions
 - Information technology, fleet maintenance and modernization, nuclear management and operations, oil and gas engineering and support
 - 35 states and 11 countries, about 5,000 employees

HII Fact sheet: *Feb. 20, 2017*



Workforce Development at HII

- STEM programs for K-12
- Partner with local community colleges and technical high schools on trade-based curriculum
- Summer internships for college students and STEM educators
- Industry leading apprentice programs
 - The Apprentice School (Newport News, VA)
 - Ingalls Apprentice School (Pascagoula, MS)

Mike Petters, "Building A Demand-Driven Talent Pipeline," Virginia Chamber of Commerce, October 2015

Teaching
with Small
Boats Alliance
Conference
2017

April 26-29, 2017

Chesapeake Bay
Maritime Museum
St. Michaels, Md.



Importance of Workforce Development

- In March 2016, Mike Petters announced that he would donate all but \$1 of his annual base salary to workforce training (~\$950,000)

"Huntington Ingalls Industries Moves to Establish Educational Assistance Fund", March 21, 2016
"Why This CEO Is Donating His Salary to Workforce Education", Industry Week, March 28, 2016

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The Apprentice School

- Founded in 1919
- Preeminent apprenticeship program
 - Four-, five-, eight-year apprenticeships
 - 19 shipbuilding disciplines
 - 8 advanced programs of study
- Opportunity to earn an associate or bachelor's degree
- Receive competitive pay and benefits, tuition-free education
- Accredited by the Commission of the Council on Occupational Education

www.as.edu

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The Apprentice School SNAME Boat Design Competition

- 10th year of competition
- STEM competition with focus on ship design
- No cost to participate
- Design a boat to meet a mission
 - Design history notebook
 - Design & fabrication drawings
 - Hydrostatic calculations
- Four finalists compete head-to-head
- May 6, 2017 @ The Mariners' Museum

<http://www.sname.org/designcompetition>