

CURRENTS

10 | 15 | 2018

A weekly publication of Newport News Shipbuilding



Newport News Shipbuilding President **Jennifer Boykin** welcomes 2018 Model of Excellence honorees and guests at the awards ceremony last week. Photo by **Matt Hildreth**

NNS Honors Model of Excellence Awardees

Newport News Shipbuilding honored the extraordinary contributions of 181 shipbuilders from across the company at the 2018 Model of Excellence awards ceremony at the Hampton Roads Convention Center on Thursday, Oct. 11.

The Model of Excellence is NNS' highest honor and recognizes individuals and teams for their performance and accomplishments in five categories: Courage to Make a Difference, Customer Satisfaction, Leadership, Innovative Excellence and Operational Excellence.

"Your leadership, your service and your commitment to always do your best is commendable, and I thank you for all that you do," NNS President **Jennifer Boykin** told honorees.

Master Shipbuilder **Jerry Person** (X18) received an award for his work on the USS *Ronald Reagan* (CVN 76) Hitch Girder Welding Process Improvement Team. "When we were working on the ship, it didn't even cross my mind that we'd get anything like this," he said.

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Christening Ceremony Saturday

Newport News Shipbuilding will christen *Delaware* (SSN 791) at 10 a.m., Saturday, Oct. 20.

During the christening ceremony, Ship's Sponsor Dr. Jill Biden – wife of former Vice President Joe Biden – will perform the traditional honor of breaking a bottle of American sparkling wine on the submarine's hull. The ceremony will broadcast live via the Huntington Ingalls Industries' Facebook page.

NNS Hosts Educators, Union Leaders for Manufacturing Day

Participating in SEEKnns' annual Manufacturing Day at Newport News Shipbuilding was an eye opener for Dawn Rountree.

"I love to see what's actually going on in industry. The technological advances that we saw just blew my mind," said Rountree, an engineering teacher at Nansemond River High School in Suffolk. She was among a group of about one dozen local educators and United Steelworkers Union leaders who spent Oct. 5 touring the shipyard, learning about Integrated Digital Shipbuilding (iDS) initiatives, additive manufacturing and The Apprentice School.

Rob Hogan, vice president of Manufacturing and Material Distribution, sponsors the event and said it provides an opportunity to communicate with an important group in the community – educators like Rountree.

"This gives them an inside glimpse of..."

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Peninsula Heart Walk Saturday

Newport News Shipbuilding is a sponsor of the 2018 Hampton Roads Heart Walk. The Peninsula walk is Saturday, Oct. 20, at Peninsula Town Center in Hampton. Register at www.HamptonRoadsHeartWalk.org. For more information, visit the NNS Heart Walk website on MyNNS or contact **Amy McDonald** (X71) at 688-6489. The Southside walk is Nov. 3 at Mount Trashmore in Virginia Beach.

HOLA Hosts Hispanic Heritage Month Celebration

Richard Montañez, PepsiCo's vice president of Multicultural Sales and Community Promotions, brought his inspirational message to Newport News Shipbuilding employees last week during the Hispanic Outreach and Leadership Alliance's (HOLA) Hispanic Heritage Month celebration.

"If you don't have diversity, you don't have innovation," Montañez told shipbuilders. The son of farm workers in California, Montañez talked about his humble beginnings, including a struggle to fit in after school desegregation. He eventually dropped out and landed a job as a janitor at a Frito-Lay factory.

While working at the factory, Montañez contacted the company's CEO after creating Flamin' Hot Cheetos at home. The move catapulted him from a janitor to a corporate vice president. "Many times, greatness will come in a ridiculous form," Montañez said. "If you're not willing to look ridiculous, you will never achieve your greatness. Your idea is going to make somebody laugh. If it doesn't, it's not big enough. It's got to be crazy."



Richard Montañez, PepsiCo's vice president of Multicultural Sales and Community Promotions, speaks during HOLA's Hispanic Heritage Month celebration. Photo by John Whalen

Shipbuilders like **Geena Quinones** (E84) appreciated Montañez's message. "There are a lot of people you see every day, and you have no idea where they started or how hard they worked to get where they are," she said.

For **Miguel Cortez Jr.** (E86), Montañez's story was both "inspiring and aspiring." "It's nice seeing representation," Cortez said. "Now, I have someone to look up to who started from humble beginnings, went through similar things and made it."

Shakira Outlaw (O45) said the Hispanic Heritage Month celebration was the first employee resource group event she's attended, and she was grateful for Montañez's message. "It really resonated with me when he said, 'It takes one revelation to spark a revolution in your life,'" she said. "A lot of times, we let those moments pass, and you really have to capture them."

convened at "the Rock" in August to test drive new shipyard transportation options – tricycles and fat-tire bicycles.

Bicycles offer an effective way to travel throughout Newport News Shipbuilding, but they can be dangerous – particularly when crossing railroad tracks. Last year, the Engineering and Design EH&S Task Team pursued a safety improvement initiative to reduce the number of injuries sustained by bike riders at NNS.

The initiative identified and procured three types of bikes – dual front-wheel tricycles, dual rear-wheel tricycles and fat-tire bicycles. Each allows for a greater angle of attack when crossing tracks, eliminating the risk of tipping when compared to conventional bicycles. They also have baskets and platforms to transport tools. Basket options allow for front or rear installation, with a capacity of between 350 and 500 pounds.

As part of the pilot program, features being considered include: personal safety, bike selection, railroad track interaction, turning stability, ease of pedaling and shipyard function.

"This project is one that the entire Engineering and Design Task Team has become fully engaged with over the past two years. We are very excited to see it finally get to the prototype testing phase," said **Glenn Darling**, the Engineering and Design EH&S Task Team lead.



Dean Lowery, left, and Jim Florey test a tricycle and a fat-tire bike.

Safety Task Team Tackles Bike Safety



The Engineering and Design Environmental Health and Safety (EH&S) Task Team

NNS Paves the Way for NAVSEA Adoption of 3D Printing



Newport News Shipbuilding, in collaboration with the U.S. Navy, has led the adoption of additive manufacturing of metal components for nuclear-powered warships.

This significant technological development will result in the first certified 3D-printed metal part – a prototype piping assembly – being installed on USS *Harry S. Truman* (CVN 75) early next year. After its installation, the assembly will be tested onboard the ship for one year.

“This is a watershed moment in our digital transformation, as well as a significant step forward in naval and marine engineering,” said **Charles Southall**, vice president

of Engineering and Design. “We are committed to partnering with the Navy to ensure that collectively, we are investing in every opportunity to improve and advance the way we design and build great ships for the Navy.”

The additive manufacturing process, recently approved by Naval Sea Systems Command (NAVSEA), is a highly digitized process that deposits metal powder, layer by layer, to create 3D marine alloy parts that potentially replace castings or other fabricated parts, such as valves, housings and brackets.

The adoption of 3D printing of metal parts is the culmination of years of work with

Navy and industry partners that involved the rigorous printing of test parts and materials, extensive development of an engineered test program and publishing of the results, and could lead to cost savings and reduced production schedules for naval ships.

Earlier this year, NNS announced a joint development agreement with 3D Systems that resulted in the installation of the ProX DMP 320 high-performance metal additive manufacturing system at the facility.

“We have delved into uncharted territory to create a positive disruption in our industry in much the same way the modern welding processes supplanted rivets, revolutionizing the way ships are built,” Southall said.



Pictured L to R: Sharon Callahan, Natasha Diaz and Anicia Freeman.

the 23rd annual Women of Color STEM Conference.

Manufacturing Engineer **Sharon Callahan** received the Technology All-Star award, which recognizes accomplished women of color from mid-level to advanced stages of their careers who have demonstrated excellence in the workplace and in their communities.

Foreman **Natasha Diaz** and IT Systems Engineer **Anicia Freeman** received Technology Rising Star awards, which recognize women who are helping to shape future technology.

Huntington Ingalls Industries was among the corporate sponsors that supported this year’s event, which was held last week in Detroit. Read more on the HII website.

Shipbuilders Honored for STEM Achievements at National Conference

Three Newport News Shipbuilding employees were recognized for their achievements in science, technology, engineering and math (STEM) during

NNS Honors Model of Excellence Awardees

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“It’s wonderful. I’ve never seen anything like this since I’ve been in the shipyard. I hope to do it again before I retire.”

Shane Gardner (E81) was part of the team recognized for sustaining operational excellence at the radiological liquid waste facility. “I feel very honored,” he said. “My son is here with me and just said he wants to work at the shipyard when he grows up.”

Vivian Lopez (O43) received an award as part of the Ergonomics Improvement

Team. “I’m just glad that our project has sustained itself. We’ve grown and now we’ve branched out to help a lot of other departments,” she said. “Working on the Ergonomics Team is not our job, it’s something else we do. I know a lot of other teams are like that as well. To have the company recognize the extra hard work that we do is awesome.”

Watch a video featuring some of this year’s Model of Excellence honorees on NNS’ website or on the NNS to Go app.

United Way Campaign to Kick Off in February

Newport News Shipbuilding’s United Way campaign – which historically has run during the fall – will kick off early next year, running from Feb. 4 until Feb. 22. The kick-off will coincide with the launch of an online tool connecting employees with opportunities to give, volunteer and sustain to create a meaningful impact on their communities.

The new online United Way application will provide a more user-friendly, intuitive platform for employees to make charitable contributions to the United Way campaign as well as sign up for volunteer opportunities. Shipbuilders can access all of these features from work, home or a mobile device. In the meantime, all current United Way pledges and agency designations will continue uninterrupted.

Going forward, the United Way campaign will continue to take place in February instead of the previous fall timeframe. Look for additional information in the coming months as the Corporate Citizenship team introduces employees to the application and its features. “It will soon be easier to support the communities where we live and work,” said Community Relations Representative **Judy Fundak**.

For questions, contact **Judy Fundak** at 380-3011.



Local educators and union leaders learn about manufacturing at Newport News Shipbuilding. Photo by John Whalen

NNS Hosts Educators, Union Leaders for Manufacturing Day

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...what we do, how we do it and how they can help prepare students to join our workforce in the future,” Hogan said. “It’s also part of our campaign to let people know that manufacturing today isn’t what it was 50 or 60 years ago. There are great career opportunities. People have an opportunity to make a good living, take care of their families and help protect our nation.”

Manufacturing Day wasn’t Rountree’s first introduction to NNS and The Apprentice School. Several of her former students have gone on to start careers at the shipyard. However, it did provide even more information – particularly around iDS – that she planned to take back to her current students.

“My students have interests beyond just mechanical and civil engineering,” Rountree said. “I have so many who are computer science based. I can let them know that they can bring those skills and interests here.”

Shipbuilders Steering the Way

Phillip Perry (X33) and **Jason Harry (X71)** were recently honored with Level One Ethics-On-the-Spot awards for calmly taking control of a serious situation that could have seriously injured a fellow shipbuilder.

In early August, a painter working on USS *George Washington* (CVN 73) was taken erroneously to an energized load center to perform work. Perry told the fellow shipbuilder that she shouldn’t be working in the load center and to close the cover. Shortly after, Harry came upon the same shipbuilder standing next to the load center. The shipbuilder asked Harry where she should

be working and he directed her to a different load center – one that was not energized.

When the shipbuilder said she had been led to the energized load center by her foreman, Harry notified the X31 Electrical leadership team. There was potential for serious injury to the shipbuilder had she continued working in the energized load center.

Chris Miner, vice president of In-Service Carrier Programs, met with Perry and Harry to present the awards and to thank them for their actions.



Shipbuilders celebrated the Air Force’s birthday with a logoed cake. Photo by Matt Hildreth

VERG Hosts Air Force Birthday Celebration

Newport News Shipbuilding’s Veterans Employee Resource Group (VERG) hosted a birthday celebration for the U.S. Air Force on Oct. 2. The celebration had originally been planned to take place on the branch’s 71st birthday on Sept. 18, but was postponed due to Hurricane Florence.

VERG members served shipbuilders an Air Force-logoed cake during the lunchtime celebration. Air National Guard veteran **David Kromkowski (X74)** was among the shipbuilders who attended the celebration. “I’ve been with the company about four months, and it’s nice to see how the shipyard supports veterans.”

For more information about VERG, contact **Adam Krininger (X84)** at 380-4286 or visit the VERG website on MyNNS.



Phillip Perry, left, and Jason Harry, right, stand with Chris Miner, vice president of In-Service Carrier Programs. Photo by Matt Hildreth

AROUND THE YARD

National Quality Month: Auditing

October is National Quality Month. Quality-focused articles will appear in Currents throughout the month.

Auditing is one of the elements of a strong Quality Management System. Auditing is the on-site verification activity of a process or quality system to ensure compliance to requirements. An audit can apply to an entire organization or might be specific to a specific function, process or production step.

There are three discrete types of audits: product, process and system. However, other methods, such as a desk or document review audit, may be employed independently or in support of the three general types of audits.

A product, process or system audit may have findings that require immediate attention, root cause and corrective and preventive action. Corrective action is action taken to eliminate the causes of a deficiency and/or undesirable situation in order to prevent recurrence, while preventive action is taken to prevent occurrence. Since most corrective actions cannot be performed at the time of the audit, the audit program manager may require a follow-up audit to verify that corrections were made and corrective actions were taken. Due to the high cost of a single-purpose follow-up audit, it may be combined with the next scheduled audit of the area. However, the decision is based on the importance and risk of the finding.



Newport News Shipbuilding's employee resource groups participated in the recent expo. Photo by John Whalen

Shipbuilders Attend Benefits Expo



The Benefits, Resources, Free Stuff and More Expo on Sept. 27 provided an opportunity for Newport News Shipbuilding employees to learn about a variety of organizations and services that are available to shipbuilders.

Representatives from NNS' employee resource groups (ERGs) were joined by a number of other groups that provide resources for education, health and financial wellness and commuters.

Monica Chamberliss (X33) and **Kiara Garner** (X33) attended the event and were happy to learn about employee resource groups, classes offered to shipbuilders and opportunities to volunteer in the community. "If everyone knew about these programs, I think it would motivate employees and make working here more enjoyable," Chamberliss said. "It is definitely motivating for me."



Shipbuilders attend a recent open house for the PEER Program.

PEER Program Accepting Nominations

The Professional Enhancement and Enrichment Rotation (PEER) Program is accepting nominations and preparing to select the next cohort to start rotating in January.

The PEER Program is a two-year rotation program for salaried, individual contributors. It includes four different rotations in six-month cycles. Development is based on workshop experiences, networking, collaboration, mentoring and diverse rotation experiences with more than 150 host department opportunities. Learn more about the PEER Program by attending an upcoming Lunch and Learn or open house event.

For questions, contact **Gary Figg** (O44) at 688-4495

On-the-Spot Ethics Awards Announced

The following shipbuilders were recently honored with Level Two On-the-Spot Ethics Awards: **Tyler Crandell** (X11), **Brian Outlaw** (X11), **April Crawford** (O93), **Yvonne Locke** (X33), **Brandon Gilley** (T55), **Maurice Walker** (E18) and **Abigail Sprinkle** (X47).

To nominate a fellow employee, submit form C-941 to the Ethics Office, Dept. O18.

DATEBOOK

OCTOBER

Chesapeake Regional Healthcare's mobile mammography unit will be onsite every Monday in October at the HII Family Health Center to offer free annual screening mammograms for Newport News Shipbuilding employees. Screenings are offered to women age 40 and older. The unit will be available from 8 a.m. until 4 p.m. on Oct. 15 and 29. It will be available from 10 a.m. until 6 p.m. on Oct. 22. To schedule a mammogram, call 312-6400 or visit www.chesapeakemammo.com.

OCTOBER 15

Attend a Leadercast Lunch and Learn featuring a video with Dr. Henry Cloud from noon until 1 p.m. in Bldg. 909-2 (West Dining Room). The video will be followed by a discussion. Cloud is a global leadership expert and best-selling author. He draws on his experience in business, leadership consulting, and his practice as a clinical psychologist, to impart practical, candid and effective advice for improving leadership skills, organizational culture and workplace performance. No charge will be provided. Attendance must be on employee's own time. For more information, contact **Sunny Harvat** (O25) at 380-4879.

OCTOBER 16

The Peninsula Engineers Council and ASM will hold a joint society dinner meeting of all engineering societies from 5 until 8:30 p.m. at Revolution Golf Grill in Williamsburg. The speakers will be historians John Quarstein and Nathan Vernon Madison. All engineers and guests are welcome. To RSVP and pay for this event, visit the PEC website. Contact **Dave Conley** (O31) at 688-0250 for more information.

OCTOBER 16

Attend a Leadercast Lunch and Learn featuring a video with Dr. Henry Cloud from noon until 1 p.m. in Bldg. 884-1 (102A). The video will be followed by a discussion. Cloud is a global leadership expert and best-selling author. He draws on his experience in business, leadership consulting, and his practice as a clinical psychologist, to impart practical, candid and effective advice for improving leadership skills, organizational culture and workplace performance. No charge will be provided. Attendance must be on employee's own time. For more information, contact **Sunny Harvat** (O25) at 380-4879.

NNS SAFETY REPORT

Compared to figures from September 2017

Year-to-Date Injuries

815 (up 17%)

Year-to-Date Injuries with Days
Away, Restricted or Transferred

585 (up 29%)

Safety Improvements

1,183 (11% above goal)

OCTOBER 18

Attend a Leadercast Lunch and Learn featuring a video with Dr. Henry Cloud from noon until 1 p.m. in Bldg. 160-2 (EOC). The video will be followed by a discussion. Cloud is a global leadership expert and best-selling author. He draws on his experience in business, leadership consulting, and his practice as a clinical psychologist, to impart practical, candid and effective advice for improving leadership skills, organizational culture and workplace performance. No charge will be provided. Attendance must be on employee's own time. For more information, contact **Sunny Harvat** (O25) at 380-4879.

OCTOBER 19

Celebrate Newport News Day from 12:10 until 12:30 p.m. at the Carrier Café. The Pride in What We Do team encourages shipbuilders to unite by wearing red shirts and participating in a group photo. Several prizes will be raffled off. **Newport News Day** will occur the third Friday of every month at different locations across the shipyard. For questions, contact **Adam Krininger** (X84) at 380-4286. Watch a video on MyNNS about shipbuilder

OCTOBER 21

The Mariners Club is hosting its annual fall golf tournament at Kingsmill's River Course. Start the day with a breakfast buffet at 7:30 a.m. Tee-off is at 9:30 a.m. For additional information, see the flier or contact **Femi Audifferen** (X76) at 688-3843.

OCTOBER 22

Attend a Leadercast Lunch and Learn featuring a video with Dr. Henry Cloud from noon until 1 p.m. in Bldg. 500 (Gary Lewis Conference Room). The video will be followed by a discussion. Cloud is a global leadership expert and best-selling author. He draws on his experience in business, leadership consulting, and his practice as a clinical psychologist, to impart practical, candid and effective advice for improving leadership skills, organizational culture and workplace performance. No charge will be provided. Attendance must be on employee's own time. For more information, contact **Sunny Harvat** (O25) at 380-4879.

OCTOBER 23

What's better for your wallet, renting or buying? Find out at a SmartPath class on renting versus homeownership. Classes are offered from noon to 1 p.m. in Bldg. 520-6 (James River Room) and from 4:30 to 5:30 p.m. in the VASCIC auditorium. Email BeWell@hii-co.com to register for your preferred class time or ask your foreman to register you. Management-approved PTO/flex is required during scheduled work hours.

OCTOBER 25

The "Spear and Gear" Toastmasters Club will host a meeting from 4:30 until 5:30 p.m. at The Apprentice School (Bldg. 1919, Room 247). The event is open to all Newport News Shipbuilding employees and no RSVP is required. The event will provide a forum for employees to learn how to become more effective communicators and leaders. For more information, contact **Jason Paquette** (E83) at 534-2770.

OCTOBER 27

Join fellow shipbuilders at the Leukemia & Lymphoma Society's Light The Night Walk from 5 until 9 p.m. at the MacArthur Center Green in Norfolk. The walk supports blood cancer treatment research that saves lives. To donate, visit pages.lightthenight.org/va/hroads18/huntingtoningallsindustries. For more information, contact **Eric Olsen** (X22) at 688-1868.

NOVEMBER 6

Learn about tuition-free assistance scholarships for bachelor's degrees in business administration, public safety, human resource management and paralegal studies through Hampton University - University College from 4:15 until 5:30 p.m. at The Apprentice School (Bldg. 1919, Room 303). Note: Parking is available in the West Avenue Garage on the fourth deck, the ramp leading to the fifth deck and on the fifth deck. To RSVP, contact **Latasha Jarrett** (O22) via email or at 380-2005.

SEEKING SHIPBUILDERS

Visit www.buildyourcareer.com to search for the latest NNS job openings.

Job Title	Req Number	Dept.	Location
Foreman - First Shift	24141BR	X10	Newport News
Foreman - Second Shift	23104BR	X10	Newport News
Cost Estimating Analyst 2	25599BR	O19	Newport News
Senior Software Engineer 4	24530BR	E44	Newport News
Production Planning and Schedule Manager 2	26612BR	X44	Newport News
Systems Engineer Manager 2	26122BR	X57	Newport News
Program Director 2 - Submarine Fleet Support	26457BR	K15	Newport News
Foreman - HII Mechanical - Second Shift	25311BR	N960	Newport News
Director Facilities Engineer 2 - HII Nuclear	26568BR	N211	Hanford, Wash.
Business Development Director 2 - NNI	24905BR	N920	Newport News

Employees are encouraged to use the "Current HII Employees" portal to apply. The company continues to offer cash bonus awards for referrals to select positions, visit www.huntingtoningalls.com/careers/refer-a-friend for more information.