

# The Loop

Graduate

2020

Edition

## Welcome

The Loop is a biweekly electronic newsletter focused on communicating major initiatives and milestones across the Naval Surface Warfare Center (NSWC) Indian Head Explosive Ordnance Disposal Technology Division (IHEODTD). Although some of the content is publicly releasable, The Loop is not intended for distribution outside of the Department of Defense (DoD). For questions or submissions, please contact the Public Affairs Office at NSWC\_IHEODTD\_pai.fct@navy.mil



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## Feedback

If you have an interesting story/event coming up that is newsworthy or would like to submit an article, contact the Public Affairs Office.

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**With this edition of The Loop we are honoring our graduates with spotlight articles on a number of our graduates as well as a full spread of graduation pictures. Congratulations graduates — fair winds and following seas in all of your endeavors.**

Like us on Facebook and follow [#nswciheodtd](#) on Fusion!



# Leadership Corner

## COMMANDING OFFICER AND TECHNICAL DIRECTOR'S MESSAGE



*Commanding Officer Capt.  
Scott Kraft (U.S. Navy photo  
by Matt Poynor)*



*Technical Director Ashley  
Johnson (U.S. Navy photo by  
Matt Poynor)*

For our NSWC IHEODTD family and the world, 2020 has been anything but normal. The COVID-19 pandemic has disrupted every facet of our lives, the lives of our family and especially our 2020 graduates. Our 2020 graduates have made significant achievements and deserve the typical celebration we all look forward to at the finish line of such a milestone. However, the usual pomp and circumstance of graduation ceremonies was replaced with social distancing and video-meetings.

We wanted our graduates to know that despite current circumstances, we did not want their accomplishments to go without recognition. For these unusual times, we have deployed unique measures to show that recognition and are dedicating this Distro A edition of The Loop to the graduates of 2020. We want to share these incredible milestones with your graduates and family, and the joy we share in your successes and hard work!

I think we can confidently speak for the command when we offer our wholehearted congratulations to this year's high school and college graduates and our military personnel who are promoting through basic training and other courses. You have all shown tremendous grit, determination and ambition in your academic careers and we know you are

destined for success. As you celebrate these accomplishments and look forward to the future, remember you never truly stop being a student. Life is full of lessons both large and small; the skills you learn in the classroom will come into play in the most unlikely of times. Stay humble, ambitious and inquisitive as you navigate through life.

As the pandemic has shown us, we should always expect the unexpected. Sometimes things do not pan out as anticipated and that is fine; it is what you do in the face of these obstacles that defines who you are. Each of you are celebrating a tremendous milestone in the midst of a tumultuous time and it goes without saying the way you are celebrating this achievement is hardly what you anticipated. Making the best of a bad situation and being flexible with plans are invaluable skills — skills which we all have undoubtedly experienced recently. No matter how bleak things may seem, keep your head high and fight for a better tomorrow.

Even if things are uncertain now, we believe that you will be the torchbearers for a brighter future. Use the tools at your disposal along with the knowledge you have received from your academic career and go forth to do great things!

# Galinis Takes Helm as NAVSEA Commander

*by Naval Sea Systems Command Office of Corporate Communications*

Vice Adm. Bill Galinis relieved Vice Adm. Tom Moore as Commander, Naval Sea Systems Command during a change of command and retirement ceremony at the Washington Navy Yard, June 19.

Chief of Naval Operations (CNO) Adm. Mike Gilday, who presided over the ceremony, welcomed Galinis as the head of the Navy's largest system command.

"Vice Adm. Bill Galinis has been an essential part of our acquisition community in PEO Ships, and he brings his own kind of servant leadership to this immense responsibility," said Gilday. "The Galinis family represents service, and we are proud to have Bill take the helm of this organization that is so critical to generating naval power."

Adm. James Caldwell, Director, Naval Nuclear Propulsion Program, echoed Gilday's welcome. "The experiences over your career have prepared you extremely well for this moment. You are the right guy to follow Tom; to build on the momentum he's established, and you will do so because we need you to," said Caldwell. "The Navy and the nation are counting on you and your soon-to-be NAVSEA team to take us to the next step."

Galinis, who reported for duty following his most recent assignment as program executive officer, Ships, now oversees a global workforce of more than 83,000 military and civilian personnel responsible for the research, development, delivery and maintenance of the Navy's ships, submarines and combat and weapons systems.

"Coming into this job, my focus will be on executing our mission and building this incredibly talented team," said Galinis. "We will continue to build on the work this team has done and continues to do. On time, delivery of ships, submarines and systems will continue to be our top priority. And building a team to compete...and win; where all know they have opportunity to contribute and advance."



*Vice Adm. William J. Galinis relieves Vice Adm. Thomas J. Moore (right) as the Commander of Naval Sea Systems Command (NAVSEA) in a Change of Command Ceremony in Leutze Park at the Washington Navy Yard. The event was hosted by Adm. Michael Gilday, Chief of Naval Operations, and Adm. Frank Caldwell, Director, Naval Nuclear Propulsion. (Photo by Laura Lakeway / Released)*

Galinis is a native of Delray Beach, Florida, and a 1983 graduate of the U.S. Naval Academy where he received a Bachelor of Science in electrical engineering. He holds a Master of Science in electrical engineering from the Naval Postgraduate School.

His sea duty assignments included engineer officer on board USS Roark (FF 1053) and damage control assistant on board USS Vreeland (FF 1068).

His engineering duty officer tours include Supervisor of Shipbuilding, Conversion and Repair, New Orleans, where he worked on both new construction and repair projects including assignment as the Program Manager's representative for the dock landing ship (LSD) shipbuilding program; Board of Inspection and Survey, Surface Trials Board as damage control inspector; and a number of program office and staff positions including USS Zumwalt (DD 21) and USS San Antonio (LPD 17) program offices, Office of the Chief of Naval Operations in the

[See "NAVSEA" Page 5](#)



# NAVSEA (cont.)

Requirements and Assessments Directorate and in the Office of the Deputy Assistant Secretary of the Navy for Shipbuilding as the chief of staff.

Galinis' command assignments include LPD 17 program manager; Supervisor of Shipbuilding, Gulf Coast; and commanding officer of the Norfolk Ship Support Activity.

Galinis' flag assignments include commander, Navy Regional Maintenance Center, during which time he also assumed the duties of deputy commander for Surface Warfare, Naval Sea Systems Command.

He has received various personal, unit and service awards, including three Navy Battle "E" awards.

Moore, who became the 44th commander of Naval Sea Systems Command in June 2016, said farewell to the command and the Navy. During the ceremony, Moore, received the Distinguished Service Medal and accepted a Meritorious Unit Commendation on behalf of NAVSEA.

"Tom's vision was to Expand the Advantage," said Caldwell, Moore's classmate from the Naval Academy class of 1981. "Tom's expression is, 'Hey, I want to win them all.' I think it sums up Tom Moore as a naval officer and a leader. The mission. Winning them all. Our people — energized — aligned on Tom's vision and all-in on Navy. This is what Tom brought to NAVSEA: a crystal clear vision of the mission and a real commitment and a sincere joy in working with and caring for his people. And I have to tell you, no one's done it better."

CNO Gilday offered his own unique insight into Moore's naval service. "We say, thank you Tom, for reminding us that everybody matters, and that humility is the foundation of great leadership. And Tom did more than just set the example here. He chartered a clear path for this enterprise to follow. Under his guidance, NAVSEA has certainly expanded our advantage."



*Vice Adm. William J. Galinis (left) speaks as Vice Adm. Thomas Moore looks on during a Change of Command ceremony for Naval Sea Systems Command (NAVSEA). Galinis took over for Moore as Commander, NAVSEA during the ceremony held in Leutze Park at Washington Navy Yard. (Photo by Jacob D. Moore / Released)*

During his tour of duty, Moore led the NAVSEA workforce that encompasses more than 83,000 employees across 37 commands in supporting Navy missions, completing 218,000 contract actions and executing 36 active appropriations valued at more than \$230 billion. These efforts included putting 53 Battle Force Ships and 200 boats and craft on contract and increasing the Navy's Battle Force ship count from 272 to 299. Additionally, under his leadership, the command completed 207 CNO availabilities and 1,900 Continuous Maintenance Availabilities, optimizing efforts to reduce Fleet Maintenance Delay Days by 8,173 in fiscal year 2020, an 88% improvement over fiscal year 2019 levels, and putting the Navy on a path for zero days of maintenance delay in fiscal year 2021.

"You have made it a joy to get up and come to work each day," said Moore to the NAVSEA workforce. "My favorite part of every day was roaming the halls or getting out on trials to listen to you. You epitomize the exceptional people who make this Navy great. I wish more of you could have been here today. You are truly the force behind the fleet."

# Operation Spartan Helmet Successfully Covers Coworkers

*by Janet Virgin, protocol officer*

Our former reality used to be spending more time on-site with our co-workers than we did with our own families, but the COVID-19 pandemic changed that. One thing that COVID-19 did not change however, was the esprit de corps that NSWC IHEODTD embodies. We are truly a work family and through our endurance, we have proven to be resilient. The command has ramped up its efforts to meet our mission during max telework, social distancing and wearing masks to perform our duties on-site to ensure our warfighters have what they need.

During an April 8 leadership meeting, the command's Technical Director Ashley Johnson said, "We are a manufacturing organization and we need to manufacture what our workforce needs." From that remark, Operation Spartan Helmet (OSH) was born.

OSH is the command's internal face covering manufacturing effort. It began with a simple all hands email asking for volunteers and within a few hours, more than 70 employees from across the command stepped up to the plate to volunteer their talents, time and materials to protect the on-site workforce and slow the spread of COVID-19.

Following an initial brainstorming session, the Property Management Division researched order options and established a central pick-up/drop-off location. Sewing technicians could pick up packages containing material, thread, wire and elastic and then drop off finished face coverings. Others volunteered to deliver, cut materials, wash, iron, package and assist with documentation.

The team's enthusiasm was off the charts. Everyone was excited to make a difference and help out their fellow employees.

"It was important to me to be able to take action during this life-changing COVID-19 pandemic and do something physical to assist with keeping my friends and co-workers safe," Explosive Detection Equipment Technical Project Manager Jill Phillips said.

The immediate goal for OSH was to provide face coverings for the approximately 300 employees who continued to work on-site. Initially the goal seemed lofty, but it was one the team quickly surpassed.

One experienced and industrious sewing technician completed 120 face coverings in one week. The initial goal of 300 was met within two weeks and the OSH team has continued to forge ahead.

"Getting through the COVID-19 situation over the last few months has been trying at times," Mark 46 Gun Weapons System Integrated Logistics Support Manager and sewing technician Teri Talarsky explained. "There have been so many unknowns, not to mention the isolation from our families, friends and co-workers. Having the opportunity to do something — anything — to help has made a huge difference in my life and personal outlook on how I see the world every day from inside my home."

As the need for additional prevention gear became clear, the Workforce Response and Protection team was stood up. This team works to coordinate the command's need for hand sanitizer, face coverings and disinfectant for our Return to the Workplace plan.

With COVID-19 currently as our new normal, our lives include washing our hands more often, practicing social distancing, wearing face coverings and carrying hand sanitizer. OSH stepped up to the plate to serve the command with face coverings made with love and compassion.

Throughout the process, Johnson and NSWC IHEODTD Commanding Officer Capt. Scott Kraft supported the efforts and encouraged them to press on. To date, 1,400 face coverings have been made and a few hundred more are in the works. Operation Spartan Helmet is a success!

[See "Spartan" Page 7](#)

# Graduate Uses Passion for Music to Teach and Heal

by Luke Wathen, public affairs specialist

Music, one of the few commonalities in a world marked by cultural barriers and differences, is celebrated for its ability to unite, entertain and uplift. Through the field of study called “music therapy,” music has a new reason to be championed for its ability to heal. Claudia Orozco, daughter of G Department Technical Manual Manager Martin Orozco and one of the graduates featured in this edition of The Loop, received her Bachelor of Arts in music therapy from Montclair State University in Montclair, New Jersey, and plans to use her skills for the benefit of others.

“Music therapy is an evidence-based approach that has a wide array of applications. The part of the brain that processes language is different than the part that process music, so we seek to tap into it in order to help patients with whatever ails them,” Claudia said. “We can use it to help synch breathing patterns for people with breathing issues, help developmentally-disabled people build knowledge and social skills, and even calm and relax people going through chemotherapy who may experience restlessness.”

Claudia said she always had a passion for music, even from a young age. An avid singer, she eventually took up the guitar and decided she wanted to further pursue music in her adult life. “While I do love music, I also see myself as a pragmatist and knew that there is very little stability in being a full-time musician,” Claudia said. “I have always enjoyed science as well as music and wanted to pursue a career in medicine. A few years ago I saw a documentary on music therapy and it was like my two worlds collided.”

With the academics of a bachelor’s degree in-hand, Claudia will begin a musical therapy internship at Mount Sinai Beth Israel Hospital in New York City this fall. From there, she said she plans on pursuing further education and earning her doctoral degree in the field.

“My end goal is to earn my doctorate in musical therapy and continue working in an academic research setting,” Claudia said. “This internship will be great for me because I have a special love for pediatrics, but want to experience as many populations as possible. Musical therapy is still a relatively new field, so learning and keeping the study visible are both very important to me.”

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## Spartan (cont.)

*[Editor’s note: The command would like to recognize the OSH team for working so diligently to ensure their co-workers were protected. OSH team members include: Sally Acevedo, Christina Adams, Grant Adams, Lindsey Anderson, Heather Blais, Wayne Brooke, Anthony Brown, Holly Busey, Sharon Cooper, Bruce Corso, Dawn Cowger, Joe Craven, Deran Eaton, Arthur Ellis, Jamia Gaines-Paige, Sara Gunderson, Kodie*

*Hayes, Sjon Higgins, John Hurley, Angela Laubach, Bonnie Lee, Megan Morgan, Amy O’Donnell, Joyce Oliver, Stephanie Peacock, Richard Pence, Kimberly Peranich, Jill Phillips, Keith Plumadore, Jennifer Price, Erica Rawlings, Emilia Roldan, Alexandra Siberglied, Kelly Swann, Teri Talarsky, Tina Tompkins, Janet Virgin, Lesley Wilhelm, Andrea Williams and Gary Williams.]*



# Command Engineer Receives Dr. Delores M. Etter Award for Top Scientists and Engineers

by Luke Wathen, public affairs specialist

NSWC IHEODTD'S senior interior ballistics engineer Edward Tersine received the Dr. Delores M. Etter Award for Top Scientists and Engineers for 2019.

Established in 2006, the award is named after Dr. Delores Etter, former Assistant Secretary of the Navy for Research, Development and Acquisition, and recognizes Navy civilian and military personnel for exceptional science and engineering achievements. Since 2010, NSWC IHEODTD scientists and engineers have earned 13 of the awards.

Tersine was recognized for providing critical insight as the Navy Gun Propulsion subject matter expert (SME) in representing Navy interests in the Extended Range Cannon Artillery II program. In 2019, Tersine was tasked by NSWC IHEODTD Technical Director Ashley Johnson to serve as the Navy Gun Propulsion SME for the Experimental Ordnance Review Panel at NSWC Dahlgren Division to represent Navy interests in the Extended Range Cannon Artillery II program. This tasking was the culmination of Tersine's approximately 10 years of work in the development of gun propellant systems and recognized expertise in interior ballistics modeling. As a result of his involvement, critical closed bomb testing was coordinated and conducted in a matter of weeks to ensure the joint Army-Navy testing could occur safely and on schedule.

Tersine also serves as a Navy representative and Gun Propulsion and Propellant SME to the Propulsion Technology Exchange (PTE). The PTE is a joint Army-Navy organization with the goal of promoting improved collaboration, as well as the sharing of ideas and resources between the two services.

"The accomplishment cited here is but one example of the critical, high priority interior ballistics work that Mr. Tersine has lead," NSWC



Senior interior ballistics engineer Ed Tersine stands with a Mark 9 cartridge case at Naval Surface Warfare Center Indian Head Explosive Ordnance Disposal Technology Division, June 11. Tersine's expertise and insight in the field of Navy Gun Propulsion earned him the Dr. Delores M. Etter Award for Top Scientists and Engineers for 2019. (U.S. Navy photo by Matthew Poynor)

IHEODTD Commanding Officer Capt. Scott Kraft said. "Development of advanced gun propellants has a direct impact on the warfighter by increasing capabilities — particularly range — in both new and existing systems and is well aligned with the National Defense Strategy requirement of building a more lethal force."

# National Security: A Family Business

by Luke Wathen, public affairs specialist

Special Security Team Lead and Communications Security Program Manager Ray Bean is no stranger to enforcing the rules. Initially an ordnance specialist in the U.S. Army, he said his job was marked by following strict protocol and security requirements, tasks he said came naturally to him.

“In my job with the Army, we dealt with ordnance and had numerous security requirements we had to fulfill. It was something I always found to be very straightforward and interesting,” Bean said. “I tend to be a rule follower, so moving towards a career that had lots of rules and allowed me to help enforce them and guide people in the right direction was very complimentary to my years of military experience and something I am very comfortable with.”

Now the father of two daughters, he has passed along his passion for security and discipline to them, as they both graduate high school and pursue degrees in homeland security and occupational safety. The two will attend the College of Southern Maryland in the fall and have received scholarships to attend Embry-Riddle Aeronautical University in Daytona, Florida.

Adriana and Angelina Bean both share their father’s penchant for discipline, security and ensuring policies are followed.

“My dad’s job seems pretty interesting from what he tells us. Since he’s been working with the government, I’ve seen him have the opportunity to grow and learn to be better at what he does,” Angelina said. “I would like to have an occupational safety/safety management job and be able to grow and better myself like he has.”

Angelina added her decision to pursue an occupational safety career comes from her familial love of rules and structure.

“Rules make me comfortable. I like having rules that myself and everyone else has to, or is supposed to, follow,” Angelina said. “Rules have a reason, which is to keep everyone as safe as



*Special Security Team Lead and Communications Security Program Manager Ray Bean celebrates with daughters Adriana (left) and Angelina after their high school graduation. (Photo courtesy of the Bean family)*

possible, so I chose occupational safety/safety management because I would get to help keep others safe and make a difference.”

Likewise, Adriana was inspired to pursue homeland security out of respect and admiration for her father’s career.

“I decided I wanted to do homeland security because I feel like it would be a very exciting and important job. Plus, my dad working first with the military for so long, and now the government in the security field, has influenced my decision,” Adriana said. “What he does is very important, yet still very similar to the career field I want to be in; so I could still accomplish my goal of being able to make a difference and protecting our country like he does.”

The Bean family shows that safety and security are a family business. A passion to serve and protect knows no age or gender, and the rules of today shape the safekeeping of tomorrow.



# Class of 2020

## Congratulations Graduates

Congratulations to all the members of our command family who are celebrating a graduation. There are few things in this world more important than education, so wear your achievements proudly. Please join us as we recognize and honor their successes!



**Adriana Bean**

Chopticon High School  
(Ray Bean, Code 105)

Diploma

*College of Southern Maryland  
homeland security*



**Angelina Bean**

Chopticon High School  
(Ray Bean, Code 105)

Diploma

*College of Southern Maryland  
occupational safety*



**Faith Danielle Bouch**

Chopticon High School  
(Daniel Bouch, M Department)

Diploma

*New Life Wesleyan Church  
and College of Southern Maryland*



**Angela Jewel Brown**

Bishop McNamara High School  
(Angelo J. Brown, E Department)

Diploma

*Temple University  
biomedical engineering*



**Kaitlyn Brown**

La Plata High School  
(Jamie Brown, Code 02)

Diploma

*Washington & Jefferson College  
physical therapy*



**Seanhenry Donald Brown**

Virginia Military Institute  
(Donald Brown, USMC CBIRF  
and Wei-I Brown, E Department)

*Bachelor of Arts, history, minor, military history  
Commission in the U.S. Marine Corps*



**Kathryn Bumgarner**

University of North Carolina  
(Scott Bumgarner, 00/TD)

*Bachelor of Science, psychology  
Occupational therapy  
graduate program*





**Robert L. Caldwell II**  
Gwynn Park High School  
(Robert L. Caldwell, Code 1051)  
Diploma  
*King's College*



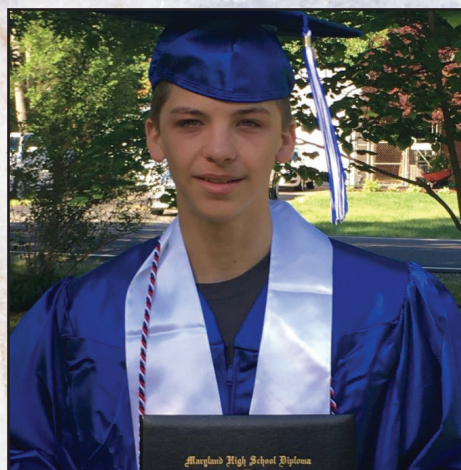
**Trisha M. Cuizon**  
Henry E. Lackey High School  
(Bryan S. Danner, Code 1021)  
Diploma  
*biology and medical science*



**Heather N. Daniels**  
Maurice J. McDonough High School  
(Vicki Daniels, Code 0CA)  
Diploma  
*Salisbury University*



**Mark N. Davie**  
Towson University  
(Lisa Davie, R Department)  
Bachelor of Science, geography and  
environmental planning  
*West Chester University*



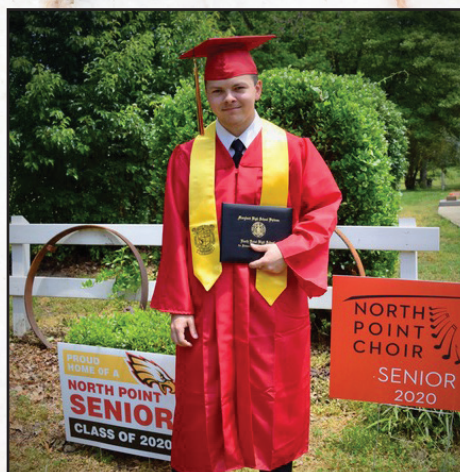
**Lukas Mitchell Fletcher**  
Henry E. Lackey High School  
(Dasha Fletcher, Code 01)  
Diploma  
*College of Southern Maryland  
criminal science*



**Trinity Helm**  
Point Park University  
(Brandon Helm, JP)  
Bachelor of Science, sports, arts  
and entertainment management



**Zachary Hoegler**  
Marine Academy of Technology and  
Environmental Sciences  
(David Hoegler, G Department)  
Diploma  
*Stockton University*



**Ian Gregory Humphries**  
North Point High School  
(Jeffrey Humphries, E Department)  
Diploma  
*U.S. Marine Corps*



**Olivia Leonard**  
Fredericksburg Christian School  
(Lester Leonard, M Department)  
Advanced Studies Diploma  
*Virginia Tech*





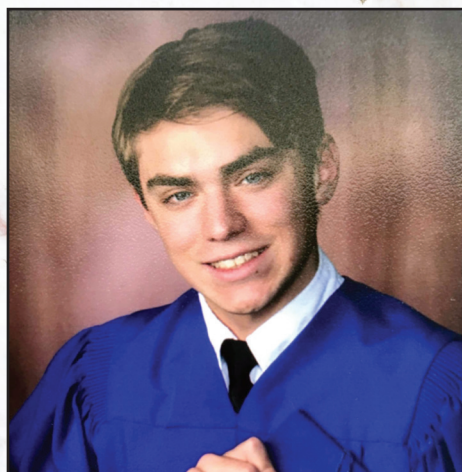
**Crystal Hong Martinez**  
University of Maryland Global Campus  
(M Department)  
Doctor of Management, Emotional  
Intelligence & Leadership Development  
*Accepted position in the CAO*



**Claudia Maria Orozco**  
Montclair State University  
(Martin F. Orozco, G Department)  
Bachelor of Arts, music therapy; minor  
in Italian  
*Mount Sinai Beth Israel Hospital*



**Tayler Ashley Phillips**  
Towson University  
(Carl Phillips, Code 10E)  
Bachelor of Science, psychology  
and sociology/anthropology



**Ethan Raleigh**  
Lackey High School  
(Tom Raleigh, Code 01)  
Diploma  
*College of Southern Maryland*



**Trevor Raposo**  
La Plata High School  
(Christina Raposo, Code 01)  
Diploma  
*Arizona State University  
computer science and engineering*



**Olivia Reese**  
St. John's College High School  
(Tracy Reese, Code 104)  
Diploma  
*University of Maryland, College Park*



**Gabrielle Sandy**  
University of Maryland  
(Mary Sandy, Code 021)  
Bachelor of Science, mechanical engineering  
*Accepted a position in E Department*



**Evan T. Tarburton**  
St. Charles High School  
(Lynn Tarburton, R Department)  
Diploma  
*College/ROTC*



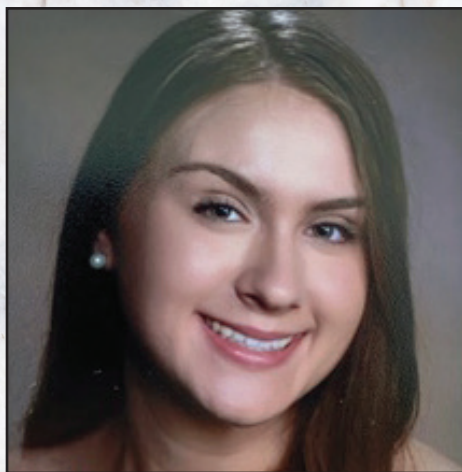
**Jaquilyn Tidwell**  
Davis High School  
(Quinn Tidwell, E Department)  
Diploma, CNA  
*Utah State University, exercise science*





**Trey Welch**

Air Force Basic Training  
(Dawn Welch, E Department)  
Air Force Basic Training  
*Air Force*



**Natalie Yeager**

North Point High School for Science  
(Cindy Yeager, Code 00Q)  
Diploma in engineering  
*University of Maryland  
global health and neuroscience*



**Nicole Yeager**

Pace University  
(Cindy Yeager, Code 00Q)  
Bachelor of Science, *information  
technology; minor in information  
assurance in criminal justice*



**Kathleen Zimmer**

University of Delaware  
(Bette Zimmer, G Department)  
Bachelor of Arts, music and music  
education  
*University of Delaware, master's in music education*

*Congratulations  
Class of 2020*



## Command Employees Recognized with Warfare Center Awards

NSWC IHEODTD employees earned well-deserved honors by being recognized in four different categories at the 2020 Warfare Centers Awards. Established in 2005, the Warfare Centers Awards program recognizes achievements in the following six categories: the Alan J. Dean Award for Talent Management, the Collaboration Award, the Information Security Award, the Innovation Award, the Knowledge Sharing Award and the Technical Support Services Award. While the ceremony is indefinitely postponed due to COVID-19, the Naval Sea Systems Command (NAVSEA) Warfare Centers have recognized the extraordinary efforts of employees across the enterprise. Below is a brief summary of the command's outstanding accomplishments:

**Alan J. Dean Award for Talent Management (NSWC IHEODTD's Indian Head University Team): Angie Amen, Lekisha Hodges and Susan Tanner**

For outstanding contributions through the development and implementation of the Indian Head University portal. This operating structure allows the workforce to easily access, understand and sign up for learning, development and educational opportunities and streamlined the training approval process. The group increased training requests by providing employees with information and opportunities that improve, support and sustain technical and professional proficiency.

**Innovation Award (NSWC IHEODTD's Distributed Fuze Architecture Patent Team): Kevin Cochran, John Hendershot and Daniel Pines**

For creativity in the development of an innovative safety and arming device architecture to address reliability issues while meeting volume and cost constraints. The architecture allows for safe and economical sharing of modern fuze components across submunitions.

**John C. Mickey Award for Collaboration (Warfare Centers' Underwater Explosion Characterization Team): NSWC IHEODTD members included Thomas Breen, Brian Cole,**

**Dale Cornette, Thomas Davis, Emily Leitsch, Darlene Galloza Lorenzo, George McDaniel, Erik Saar, Stephen Stiles, Daniela Wagus, James White and Caroline Wiley**

For significant collaboration between NSWC Carderock, IHEODTD, and Crane Divisions required to characterize the performance of newly developed underwater explosives and to fill in performance data gaps for current Navy explosives. Their efforts will improve the effectiveness and lethality of Navy explosives.

**John C. Mickey Award for Collaboration (Warfare Centers' Project Z Team): NSWC IHEODTD members included Chris Bamix, Thomas Breen, Brian Howell, M'Heeraw Kennedy, Paul VanSant and Caroline Wiley**

For substantial contributions in the development and demonstration of a subsea and seabed warfare capability through collaboration between NSWC Newport, Carderock, IHEODTD and Panama City Divisions.

**John C. Mickey Award for Collaboration (Warfare Centers' In-Service Engineering Agent of the Future Team): NSWC IHEODTD represented by Jean Nelson**

For substantial contributions achieved through collaboration between the 10 divisions hosting a major campaign for the Warfare Centers, the Office of Naval Research and more than 100 businesses and government agencies to strategize on targeted technologies for fiscal years 2020 and 2021. The team's efforts resulted in productivity improvements to rapidly develop and demonstrate technology in response to a Joint Emergent Operational Need Statement.

**Technical Support Services Award: Ryan Kelly**

For demonstrating tireless dedication to the mission and commitment to excellence as the lead 7th Fleet Chemical, Biological and Radiological Waterfront Technician. He went above and beyond in attaining radiological control certifications and qualifications in order to more fully support 7th Fleet needs.



Commander, Navy Installations Command has launched Navy MWR at Home — Stay Connected, a one-stop website designed to help keep military community members up-to-date and even entertained during the COVID-19 pandemic.

The website, [www.navymwr.org/navy-mwr-at-home/](http://www.navymwr.org/navy-mwr-at-home/), includes information on cooking, entertainment, fitness, educational resources for children, digital library access, recreation and virtual travel. Some NSF Indian Head facilities have partially reopened as well; visit <https://www.navymwrindianhead.com/COVID-19-UPDATE> for more information.

## This Day in Naval History



Photo © NH 96775 Rear Adm. Samuel L. Gravely, Jr., 1972  
*Rear Adm. Samuel L. Gravely Jr.*

**July 1, 1972** — Rear Adm. Samuel L. Gravely Jr. becomes the first African-American to achieve flag rank in the U.S. Navy.

*(Information courtesy of Naval History Heritage Command, Communication and Outreach Division)*



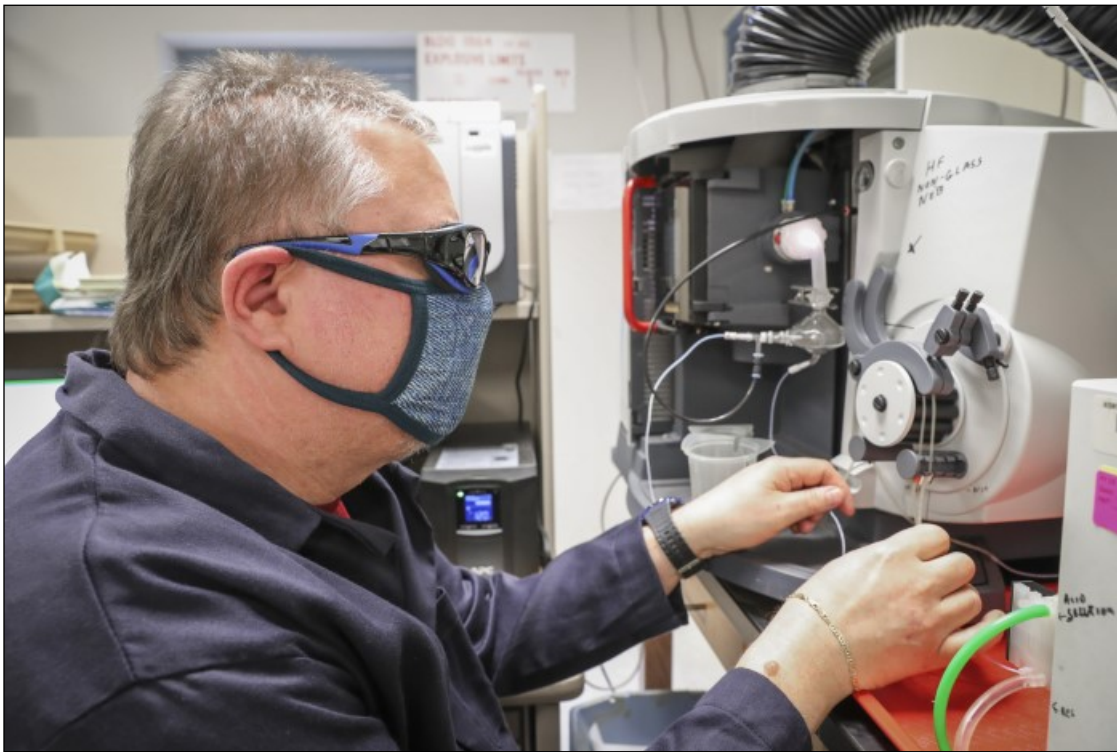
## Security Reminders

Only individuals designated in writing by the CO as AA&E Screening Officers are authorized to conduct the AA&E Suitability Screening for department personnel.

Individuals are required to wear their "Restricted Area Badge" above the waist and visibly seen by everyone. Properly challenge anyone in your area that you do not know, find out who they are and why they are there. If they do not cooperate, contact your supervisor and security.



Security is EVERYONE'S responsibility. If you see something unusual or out of the ordinary, report it to your supervisor or security.



*Chemical and Materials Analysis Branch scientist Joseph Petitto works on an inductively coupled plasma instrument that can be used to determine trace metal content in samples. (U.S. Navy photo by Matt Poynor)*

## Parting Shot!

# NAVSEA

WARFARE CENTERS

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**HIT HARDER**

**SAVE LIVES**

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