



SOUTH POTOMAC PILOT

NEWS AND INFORMATION FOR THE NAVAL SUPPORT ACTIVITY SOUTH POTOMAC DEFENSE COMMUNITY



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INSIDE:



Commissary at Dahlgren Gets Makeover
Page 6

NSWC Dahlgren Expands Electromagnetic Maneuver Warfare for 'Victory at Sea'

By JOHN JOYCE,
NSWC Dahlgren Division
Corporate Communications

New electromagnetic maneuver warfare (EMW) capabilities are emerging from laboratories to make a vital operational impact in the Fleet, Naval Surface Warfare Center Dahlgren Division (NSWCDD) leaders announced, Nov. 1.

The announcement – made in the wake of NSWC Commander Rear Adm. Tom Druggan's call for a renewed focus on EMW at a recent conference – means that the Navy and its Warfare Centers are serious about investing in electromagnetic maneuver warfare while new innovations such as directed energy and high energy lasers expand capabilities within the electromagnetic spectrum.

"The logic behind our refocus is simple," said Druggan. "The point is victory at sea. The point is sea control."

This strategic focus begins with research, development, test, and evaluation at NSWCDD and other Navy labs to ensure that Sailors and Marines



U.S. NAVY PHOTO/NSWCDD

Dr. Marty Irvine – director of systems engineering at the Deputy Assistant Secretary of the Navy for Research, Development, Test and Evaluation – speaks during the Electromagnetic Maneuver Warfare (EMW) Systems Engineering and Acquisition Conference sponsored by the Association of Old Crows and Naval Surface Warfare Center Dahlgren Division (NSWCDD).

have the technological capability to seize the initiative across the electromagnetic spectrum.

"We must be able to fight and win in an increasingly contested and congested electromagnetic operating environment," said NSWCDD Commanding

Officer Capt. Godfrey 'Gus' Weekes. "This will require the integration of cross domain capabilities designed to disrupt or disable our adversary's kill chain."

The goal of combining EMW capabilities in the sea, air, and land domains to

generate enhanced combat effects will enable warfighters to anticipate future conflicts in the battlespace created where cyber and the electromagnetic spectrum converge.

See **EMW**, Page 8

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NSWC IHEODTD Demystifies Technology Transfer at MEDA Fall Conference

By NSWC IHEODTD Public Affairs



U.S. NAVY PHOTO

Dr. Chris Wilhelm, NSWC IHEODTD's Customer Advocate for Science and Technology Lead, moderates the "Leveraging Installations as Innovation Drivers" panel during the Maryland Economic Development Association's (MEDA) fall conference, Oct. 23, at the Patuxent Naval Air Museum in Lexington Park, Md.

Naval Surface Warfare Center (NSWC) Indian Head Explosive Ordnance Disposal Technology Division (IHEODTD) engaged with community and economic leaders at the Maryland Economic Development Association's (MEDA) fall conference, Oct. 23, at the Patuxent Naval Air Museum in Lexington Park, Md. Dr. Chris Wilhelm, NSWC IHEODTD's Customer Advocate for Science and Technology Lead, helped lead this effort by giving the attendees integral knowledge and background into the government's technology transfer program.

The theme for MEDA's fall conference was "Demystifying Doing Business with the Military" and looked to educate private sector industries in leveraging opportunities and technologies aboard Maryland's military bases for increased growth and profit margins. The conference addressed the ways business leaders can position their companies to take advantage of

these economic drivers by leveraging their local military installations.

"The really unique thing about Maryland is our military installations cross the gamut of sciences that keep us at the forefront of technology," said Brig. Gen. Mike Hayes, USMC (Ret.), Director, Office of Military Affairs, Maryland Department of Commerce. "[Maryland military installations] are large complex organizations that require not only the scientists to do the work that is necessary for the mission, but also all the support functions. There are very few disciplines that don't offer opportunities for economic development with our installations."

Wilhelm served as a moderator for the "Leveraging Installations as Innovation Drivers" panel. Wilhelm discussed how unique technologies developed on Maryland's military installations are designed to support the warfighter, yet they can also be utilized by the

See **Development**, Page 3

Frightfully Good Production at Dahlgren School Demonstrates Education at its Finest

By **BARBARA WAGNER**
South Potomac Pilot

"We find delight in the most loathsome things," or so said the poet Baudelaire, the French equivalent of the American master of all things macabre and mysterious, Edgar Allan Poe. Students at Dahlgren School spent recent weeks delving deeply into the spooky genre — including Poe and his contemporaries — exploring and then sharing their discoveries of the darkness that lurks in men's souls during a program Oct. 31, a fitting day for all things horror related.

Kathryn Walseman and Maureen Holt's middle school students performed a number of artistic readings of Poe's, including "The Raven" and "The Tell-Tale Heart," performing in costume and setting a spine-chilling stage for the families and friends who attended the event.

Lt. Cmdr. Michelle Wiggins was there to see her son Chance perform as a narrator of "The Raven."

"I loved it! They did a great job," Wiggins said. "All the parts in the plays were amazing... a lot of hard work and research went into this production and it showed."

The students divided into small groups and researched Poe's classic literary works such as the "The Tell-Tale Heart" and "The Bells," as well as "The Legend of Sleepy Hollow," by American author Washington Irving and "The Monkey's Paw," a cautionary tale wrapped in horror by author W. W. Jacobs.

Walseman said that students explored the genre by incorporating many of its themes into subjects like literature, art, computer skills and even mathematical problems. Students also created storyboards highlighting the research that they had conducted about their various works of literature.

"[Principal Tracy Fairfax] encouraged us to do a problem-based learning project integrating many different standards from many different disciplines," Walseman said. "For example, the placards and other aspects of their storyboards explored perimeters and measurements to get those mounted and the computer apps instructor was able to show them how to use computer software to lay out their storyboards. Everyone — teachers and students — worked collaboratively to put this together. We had volunteers including Jen Lauritsen, who did an amazing job on the costumes."

"Everybody had a role whether in the play or the creation and research," Walseman continued. "They [the students] were graded on their collaboration. The point isn't that you've collaborated perfectly, but that you've learned the do's and don'ts of collaborating."

Not only did the literature projects explore the various school subjects, but it also created a work environment where the students had to learn to work cooperatively within deadlines.

Sixth grader Marie, who was part of "The Raven" team, shared that in their research they not only learned more about the author and his works, but also items mentioned within the poem that they weren't familiar with before the project.

"We learned about the bust of Pallas, which is a sculpture of Pallas Athena, the goddess of wisdom. The project also taught us collaboration too," Marie said. "Not to wait until the last minute to put together our project."

Eighth grader Savannah was part of the team who worked on the classic "The Monkey's Paw" and summed up the lessons learned from that cautionary tale: "Fate always wins in the end."

To the delight of everyone in attendance, the grand finale was a flash mob with all of the participating students still in their spooky costumes performing the choreographed dance scene from the Michael Jackson best-sell-



U.S. NAVY PHOTO BY BARBARA WAGNER

Middle-schoolers from Dahlgren School end their Literary Horror production on Tuesday, Oct. 31, with a "Thriller" of a flash mob. The students performed the iconic dance from the Michael Jackson music video of the same name. The Literary Horror presentation featured classic tales from masters of horror like Edgar Allan Poe. Students performed skits based on numerous Poe pieces including "The Raven," and "The Tell-Tale Heart." Others presented storyboards and characterizations from, "The Monkey's Paw" and "The Legend of Sleepy Hollow" among others.



U.S. NAVY PHOTO BY BARBARA WAGNER

Middle school students at Dahlgren School presented a Literary Horror Museum production that included dramatizations of short stories and poems from horror masters such as Edgar Allan Poe. Eighth-grader Savannah, and seventh-graders Ashley, Johnny and Jude presented, "The Monkey's Paw" at the event.

ing album, "Thriller."

From the stellar performances, well-crafted storyboards, props and artwork, to the obviously well-researched subjects, Dahlgren



U.S. NAVY PHOTO BY BARBARA WAGNER

Lt. Cmdr. Michelle Wiggins from CSCS enjoys hearing more about the literary devices used in Edgar Allan Poe's poem, "The Bells." Students from Dahlgren School performed a Literary Horror Museum that was their problem-based learning unit's culminating project.

School educators and students have once again demonstrated what makes the institution such a wonderful environment for education.

NSWC IHEODTD Host Warfare Center Leadership Meeting



U.S. NAVY PHOTO BY TODD FRANTOM

Naval Surface Warfare Center Indian Head Explosive Ordnance Disposal Technology Division (NSWC IHEODTD) hosted the Warfare Center Leadership Meeting, Oct. 3-4. The biannual meeting occurs for Warfare Center leadership to come together to discuss policy, personnel, technical information and brainstorm.



U.S. NAVY PHOTO BY MATTHEW POYNOR

NSWC IHEODTD Host Warfare Center Leadership Meeting
Naval Surface Warfare Center (NSWC) Command Master Chief Chris Borkenheim (right) greets Rear Adm. Moises DelToro III, Commander, Naval Undersea Warfare Center (NUWC), as Lt. Daniel Marion and Lt. Garret Pace look on before touring the facilities of Expeditionary Exploitation Unit 1 (EXU1), during the Warfare Centers Leadership meeting at NSWC Indian Head Explosive Ordnance Disposal Technology Division, Oct. 3.

CSCS Awarded Full Accreditation

By **KIMBERLY M. LANSDALE**,
Center for Surface
Combat Systems

During an awards ceremony on 20 October, Center for Surface Combat Systems (CSCS) commanding officer, Capt. Frank Castellano, announced that the Council on Occupational Education (COE) has awarded full accreditation to the domain for another six years.

COE, a nationally recognized accrediting agency, is a nonprofit voluntary membership organization serving postsecondary education and training institutions, centers, and similar entities, interested in the improvement of the workforce. There are typically 10 applicable standards that organizations must meet in order to be accredited through COE. Their program assessment covered training throughout

the CSCS domain, which trains more than 37,000 students annually at 14 learning sites and detachments located throughout the continental United States, Hawaii, and Japan.

"CSCS is in compliance with all ten of COE's standards with zero deficiencies," Castellano said. "Because of your diligence and hard work this past April, the COE Assessment Team awarded you with a Letter of Commendation, which describes CSCS as 'highly motivated and always willing to go the extra mile to provide high quality education and training to the surface warfare community.' I could not agree more and thank you all for working together to achieve this outstanding outcome."

During their week assessment, the COE Assessment Team reviewed all self-study documents, interviewed staff and students, and observed training.

"CSCS worked tirelessly over the past year to develop an updated self-study and address the required standards," explained Jeff Vinneau, CSCS' COE Accreditation liaison officer. "These efforts involved all departments and learning sites and detachments in our domain. The end result clearly illustrates that CSCS is accomplishing its mission and providing the fleet with Sailors trained in the skills and abilities to defend our waters."

For information, questions or comments regarding COE, please contact the Executive Director of Handbook of Accreditation for the Commission, Council on Occupational Education, 7840 Roswell Road, Building 300, Suite 325, Atlanta, Georgia 30350, or submit their comments through the Council's web site (www.council.org). Individuals submitting comments must provide their names and mailing addresses.

CSCS' mission is to develop and deliver surface ship combat systems training to achieve surface warfare superiority. CSCS headquarters' staff oversees 14 learning sites and detachments, located throughout the continental United States, Hawaii, and Japan and manages and operates a Naval Education and Training Command (NETC) training division in Rota, Spain. CSCS provides over 538 courses, awards 114 different Navy Enlisted Classifications (NECs), and trains more than 37,000 Sailors a year. CSCS delivers specialized training for Officer and Enlisted Sailors required to tactically operate, maintain, and employ shipboard and shore-based weapons, sensors, and command and control systems utilized in today's Navy.

For information on the Center for Surface Combat Systems, visit <https://www.netc.navy.mil/centers/cscs/>

Development

Continued from page 1

private sector to improve life for the general public. Our local, private sector corporations can take advantage of the opportunities available for further commercialization of these technologies.

"It's important for our organizations to ensure we're allowing the private sector to keep aware of all the partnering opportunities that are available on our installations," said Wilhelm. "When a company is able to utilize and even improve upon our technologies, it's a win-win for both organizations. There is a lot of economic advantage in private business, but also potential for the warfighter to move those technologies forward at a quicker pace."

Wilhelm's panel featured several Maryland-based businesses which have utilized the Technology Transfer program with outstanding results, as well as the Maryland Technology Development Corporation, which provides mentoring, funding and networking opportunities to Maryland-based entrepreneurs.

Dr. Charles Daitch, CEO and Founder, Akonni Biosystems, sat on the panel and discussed how his company was essentially founded due to utilizing DoD-created technology, while also showing how these opportunities can be utilized to provide a positive outcome for all parties involved.

"When you can adapt that technology to a commercial partner and use it for dual-use application, it becomes a win-win for everybody," he said. "In order for us to get this done, you have to meet with the office of technology transfer to talk about these technologies and how you believe you can make them succeed

in the commercial sector. So you essentially have to sell your business plan to the government as you would with investors."

According to Wilhelm, although there is a significant amount of funding for certain DoD programs, there are still many other programs which go unfunded or underfunded. A partnership with a commercial entity allows some of those technologies to advance an opportunity that would not be available if it was strictly DoD funded.

This type of partnership is good for both the government and private industry, according to Daitch.

"You get technology through patenting, you get subject matter experts, you get an infrastructure for [research and development and testing and evaluation]," he said. "You also get the opportunity to go for government grants and dollars because you are working for people who are in the business."

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BASE HAPPENINGS

Dahlgren

VITA Volunteers Needed

Fleet and Family Support Center is preparing for the upcoming tax season. VITA (Volunteer Income Tax Assistance) training will be held at the Fleet and Family Support Center during the week of 27 Nov — 1 Dec. (8 a.m. — 4 p.m.) If you are interested in volunteering, please contact the Fleet and Family Support Center at 540-653-1839. Volunteers are needed at both the Indian Head and the Dahlgren sites. Without volunteers, we will not be able to provide the assistance. This program is good for the volunteers who learn more about their own taxes as well as those they provide assistance to. Volunteers can be anyone with base access.

Price Change at Gray's Landing

Effective Oct. 1, meal prices at Gray's Landing on the Potomac Restaurant will be increasing by a dollar per meal. Anyone with base access is welcome to dine. New prices as of Oct. 1 will be:

Breakfast: \$6.50
Soup & Salad: \$7.50
Lunch: \$9.00
Dinner: \$9.00

Second Tour Thrift Store

The store offers a wide assortment of quality used items at incredibly low prices. The store is located at 722 Sampson Rd. and is open Thursdays from 10 a.m.—2 p.m. for all shoppers with base access. 'Like' on Facebook @Dahlgren-SecondTour

Our Daily Bread Giveaway

The Chapel provides a bread and baked goods giveaway, with donations from Walmart at the Chapel Annex on Tuesdays beginning at 11 a.m. For any questions contact the Chapel at 540-653-8297.

Indian Head

FFSC Relocated at NSF Indian Head

The Fleet and Family Support Center has relocated at NSF Indian Head. FFSC is now located in the Mix House, Bldg D-324 on the top level, room 1.

Market Fresh Bistro Now Serving Lunch

The Market Fresh Bistro at the Naval Support Facility (NSF) Indian Head Community Recreation (ITT) and General Library is proudly serving Starbucks beverages and breakfast staples as well as freshly made lunch items. The facility is open Monday — Friday, 6 a.m. — 2:30 p.m.

To publish information on your event or program under "Base Happenings," contact Andrew Revelos at 540-653-6012 or email Andrew.revelos1@navy.mil.

Dahlgren Caledon Art and Wine Festival

Two Days of Art and Fun! Nov. 4 — 5, 10 a.m. — 5 p.m. on Saturday and 11 a.m. to 5 p.m. on Sunday. Enjoy a fall day at the park and see area artisans' finest offerings. Get a jump on holiday shopping. Taste wine from local wineries. A commemorative wine glass is included with the price of tasting. Great food will also be for sale. The picnic shelter, gift shop and visitor center will be open, and hay wagon rides will be available for the kids. Admission for wine-tasting is \$15 per person (21 and older — everyone must have an ID to taste). The festival is free for non-tasting guests, but a \$5/vehicle parking fee applies to all. Coolers and outside food are not permitted within festival grounds.

UMW Lecture Series: Data on the Move: Applications of Streaming Data

Nov. 14, 8 a.m. in University Hall (Room 110) Data in Motion is all about helping customers and organizations make decisions and take actions with their data fast enough to seize opportunities. The presenter is Joseph Witt; the VP of Engineering at Hortonworks. The lecture will outline the necessary components of a Data in Motion approach for large geographical distributed enterprises including flow management, stream processing, and enterprise services. The talk will detail open source software solutions foundational to collecting and processing data at extreme scale including Apache NiFi which originated from the U.S. National Security

Agency. Free and open to the public, refreshments start at 8 a.m. and the lecture promptly at 8:30 a.m.

Teen Enrichment Network Celebration of the Performing Arts

Nov. 18, 9:45 a.m. -3:30 p.m.

Join the Teen Enrichment Network for this full day of performing arts including spoken word, chorus, dance, musicians and even an open mic opportunity! For more information, contact Donald Robinson at teenenrichment@gmail, or visit www.facebook.com/teenenrichment

King George DECA Holly Jolly Market

Dec. 2, 9 a.m.

King George Farmers' Market will feature many local crafters & artisans at the DECA's 3rd Annual Holly Jolly Market. Support local business and shop local! Free parking and free admission with both indoor and outdoor booths. For additional information, contact Dee Strauss at dstrauss@kgcs.k12.va.us

Volunteers Needed to Place Holiday Wreaths at Arlington National

Help place Veterans' Remembrance Wreaths on the graves of our American heroes buried at Arlington National Cemetery on Saturday, Dec. 16. There is no sign-up required, and there is no age limit—simply show up if you would like to participate. We encourage families to come together. The public will be allowed entry to the cemetery at 8 a.m. Kickoff Ceremony at 9:30 a.m. It is not necessary to attend the opening ceremony to be able to place wreaths. If you would like, you can proceed to any truck in any

section of the cemetery and await the 10:00 AM start. Additionally, event details will be available on this page, and on the following Facebook pages: www.facebook.com/ArlingtonWreaths or www.facebook.com/WAAHQ

Scholarship Available For Active Duty, Spouses and Vets at UMW

UMW is offering a scholarship providing qualified active duty service members, spouses, or honorably discharged veterans the opportunity to receive a 25% military tuition scholarship for graduate degree programs: Master of Business Administration or Education and Master of Science in Geospatial Analysis. Please contact the Office of Graduate Admissions for more info at 540-286-8000 or email graduate@umw.edu.

KG Alert

Sign up for KG alert offered by the King George County Emergency Services to notify you of important information due to an emergency, disaster, road closure or inclement weather. To sign up for free, go to <https://www.kgalert.com/Portal.htm>

Indian Head

Salute to Veterans Parade

Nov. 5th, 1 p.m. Join us to honor the men and women of the US Armed Forces. The Salute to Veterans Parade starts at 1 p.m., at the Courthouse on Charles Street in La Plata. Bring the kids, and come enjoy an old-fashioned, hometown parade!

A Community Conversation — Let's Talk About Addiction & Substance Abuse

Wednesday, Nov. 29, 9:00 a.m. — 12:30 p.m.

NotAll Wounds are Visible — A Community Conversation: Let's Talk About Addiction & Substance Abuse, Registration: Pre-registration required. Free. U.M. Charles Regional Medical Center, Nagula Conference Room #2 5 Garrett Avenue La Plata, Md. Register at: <https://www.charlesregional.org/news-events/event-details.cfm?eID=1348>

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Charles County Government Citizen Notification System (CNS)

Sign up for the Charles County Government Citizen Notification System for notification of important information. All citizens are urged to register for the new system online. Register today at www.CharlesCountyMD.gov/CNS.

Visit Us Online www.dcmilitary.com



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be submitted by noon on Friday to be considered for the following week's edition. All material is edited for accuracy, brevity, clarity, and conformity to regulations. To inquire about news copy, call 540-653-8153 or fax The South Potomac Pilot at 540-653-4269. Commercial advertising may be placed with the publisher by calling 301-848-0175.

Capt. Michael O'Leary

Commanding Officer,
NSA South Potomac

Jeron Hayes

Public Affairs Officer,
NSA South Potomac

Andrew Revelos

Editor

Barbara Wagner

Staff Writer

King George NJROTC Visits NSF Dahlgren



Nearly three dozen cadets from the King George Navy Junior ROTC visited NSF Dahlgren on Oct. 27, where they visited the Electromagnetic Railgun facility, Main Range and the Chemical Biological Radiological (CBR) Defense Division of the Naval Surface Warfare Center Dahlgren Division (NSWCDD). Several of the cadets plan on joining the military and pursuing jobs in science, technology, engineering and math (STEM). The cadets were also treated to a presentation by Gabe Chavez, a former member of the NJROTC and graduate of King George High School who currently works as a test engineer on the Potomac River Test Range (PRTR).

U.S. NAVY PHOTO BY ANDREW REVELOS

Deadline for Retirement System Training Fast Approaching

From Chief of Naval Personnel Public Affairs

Sailors eligible to opt-in to the new Blended Retirement System (BRS) will receive a letter from the Navy to complete their mandatory training by Dec. 31, if they have not yet done so.

BRS training is mandatory and provides Sailors with information that compares the benefits of the current retirement system and of BRS. Once the decision to enroll in BRS is made, it is irrevocable.

Commands must ensure all of their Sailors have completed the required training and documented the training through Fleet Management and Planning System (FLTMPS). Training is available on Navy eLearning at www.nel.navy.mil and Joint Knowledge Online at <https://jkodirect.jten.mil/> or may be conducted face-to-face using the OSD syllabus.

Navy is also sending letters to all active and Reserve Sailors eligible to opt-in notifying them that they may enroll in BRS starting Jan. 1, through their

Defense Finance and Accounting Service myPay account.

Sailors are opt-in eligible if they are an active component member and will have fewer than 12 years of service as of Dec. 31, or are a Reserve component member, to include Full Time Support personnel, and will have fewer than 4,320 points as of Dec. 31.

There is no automatic enrollment into BRS for opt-in eligible sailors. Sailors will remain under the current retirement plan unless they choose to enroll in BRS.

New Sailors who first join the Navy on or after Jan. 1, will be automatically enrolled in BRS.

Sailors who have questions about eligibility for BRS should talk with their Command Career Counselor or Command Financial Specialist.

More information on BRS can be found on the Navy BRS webpage at www.public.navy.mil/bupers-npc/support/21st_Century_Sailor/readiness/Pages/Personal-Financial-Management.aspx.

For more information, visit www.navy.mil, www.facebook.com/usnavy, or www.twitter.com/usnavy.

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Commissary at Dahlgren Gets Makeover



U.S. NAVY PHOTO BY BARBARA WAGNER

Frequent Naval Support Facility (NSF) Dahlgren Commissary shopper **Danielle Cornett** enjoys the low prices, selection and convenience of the store. **"For a location with a relatively small square footage they really have a wide selection,"** Cornett said. **"I can find items here that I can't find anywhere else nearby."**

By **BARBARA WAGNER**
South Potomac Pilot

If you are a patron of the Naval Support Facility (NSF) Dahlgren Commissary, chances are you have noticed some changes around the facility over the last few months. Romualda Garrett, the commissary officer, is pleased with the outcome.

"The scope of the project was mainly to replace any degraded refrigeration, and repair or replace any other part of the store needing restoration," Garrett explained.

The bulk of the project was primarily for sustainment, not necessarily a major addition or alteration, Garrett said. Some of the more pressing needs at the store were for items that patrons don't necessarily consider — new refrigeration equipment, compressor racks, cases, and the evaporator units in the walk-in coolers. In addition to aesthetics, the new cooling systems are more energy-efficient and cost effective.

In addition, a new heating and cooling system was installed, new patron doors as well as a renovation to the loading dock to update the doors and levelers.

"The facility was built in 1993, and it needed upgrading," Gar-

rett said. "Especially regarding refrigeration. It would have cost more to repair the current units due to their age; then it would have to replace simply."

The store briefly closed from Sept. 30 through Oct. 2 to perform a complete reset of the store, installing new shelving to maximize the space offered at the location as well as to offer more selection for patrons.

New signage and the new Defense Commissary Agency logo are now visible at the store with fresh paint and décor rounding out the new look at the facility.

Patrons will also notice that the aisles have shifted as well. The fresh produce previously at the rear of the store, is now front and center near the entrance. The vibrant greens, oranges, reds and yellows of the melons, vegetables like peppers and fresh fruits provide a warm, welcoming splash of color greeting patrons as they enter the shopping area.

"I think they wanted to open the space up more and make the produce the focal point. We find most of our sales here are around the perimeter of the store — the fresh produce, meats and refrigerated products," Garrett said. "Everyone, including our patrons, is trying to eat healthier and having the produce near the entrance helps shoppers with healthy choices."

With the holiday season rapidly approaching, the Dahlgren Commissary is preparing with many of the most commonly purchased family dinner items grouped near the entrance as well as some gift-giving items available that would make perfect hostess gifts.

Throughout the month, the store is offering a special coupon booklet with coupons for some of those items and a special cumulative shopping special for a free holiday turkey.

"The more you spend and get your purchases here the more you earn towards a free turkey," Garrett said. "Shoppers now have the option to use their STAR card for their commissary grocery shopping needs as well."

Garrett shared that DeCA is always striving to be able to offer more selection for their customers and the new shelving units offer more space to make that goal a reality.

"We are excited to share the upgraded look to our patrons, this is really for them," Garrett said. "We hope to provide a little bit more selection especially with the introduction of our private label products; Freedom's Choice, Home Base and Top Care."

"We're just happy to be able to offer the new space for our customers," Garrett said. "We appreciate them and their service and thank them for all they do for us and glad to be here for them."

For their part, customers are enjoying the spruced up space and appreciate the diversity of selection offered, including items they enjoyed while on overseas tours such as the German-made Jacobs Kronung coffee along with other European specialties and Asian staples that are not as easily accessible off base.

Danielle Cornett, a Naval Surface Warfare Center Dahlgren Division employee, is enjoying the new look at the store and is happy to find items from her hometown at the Commissary, items like a salad dressing brand that she can't find anywhere else in the county.

"For a location with a relatively small square footage they really have a wide selection," Cornett said. "I can find items here that I can't find anywhere else nearby."

HELP GIVE OUR MILITARY FAMILIES A HELPING HAND.

Wounded Warriors Family Support (WWFS) is an independent nonprofit organization whose mission is to improve the quality of life for our combat wounded.

Earning Charity Navigator's highest four-star rating, WWFS serves veterans and their families across the country in a variety of ways: Respite, Family Retreats, Mobility-equipped Vehicles and Veterans Welding Training.

CFC# 81534
wwfs.org



**WOUNDED
WARRIORS
FAMILY
SUPPORT**
WOUNDEDWARRIORSFAMILYUPPORT.ORG

Connect with the Military Community in Your Local Area

Go to
www.DCMilitary.com

Perfect Weather For Fall Festival Fun Aboard NSF Indian Head

**U.S. NAVY PHOTOS BY RACHELL MISKELL,
NSF Indian Head MWR**

Naval Support Facility (NSF) Indian Head enjoyed the lovely weather and great turn out on Saturday, Oct. 28 for their Fall Festival. The event featured the twists and turns of a hay maze, a hay ride, a patch full of perfect pumpkins for the children to choose from, fun arts & crafts for all ages, lots of exciting games and the biggest hit of the day- the haunted house. More than 400 goblins, ghouls, superheroes, witches, fairies and other costumed little ones and their families came out for the day's fall festivities. Indian Head MWR and volunteers provided a wonderful afternoon of fun and festivities. Renewal by Anderson sponsored the event to ensure that everyone enjoyed a perfect fall day!



Military Family Month: 'Thanks' from your commissary

The old saying, "the only constant is change," certainly couldn't be truer for military families. Missed family milestones, constant moves to new duty stations and the ever-changing state of international affairs order their pace of life; however, they remain resilient.

During November's celebration of Military Family Month, the Defense Commissary Agency acknowledges that all those emotional good-byes and homecomings are examples of service and sacrifice, said Defense Commissary Agency Acting Director and CEO Michael Dowling.

"We are proud to have served the military for 150 years," Dowling said. "We appreciate their many sacrifices and remain committed to providing them a valuable and well-deserved commissary benefit."

There are many ways to show appreciation, whether on the job or at home. For instance, anyone may purchase either a \$25 or \$50 commissary gift card at every store worldwide and online at commissaries.com. Also, consider

these thoughtful ideas to thank a military family:

- A genuine "thank you" is always welcome and lets them know their sacrifices are important.
- Simply ask how you can help, whether it is a chore they need help with, an evening babysitter or a listening ear.
- Be patient with the military spouse who is on the phone with her deployed spouse in the commissary checkout line, understanding how important those precious minutes are for their family.

"It is precisely our patrons' service and sacrifice that moves our commissary employees all over the world to deliver a benefit worthy of our customers' service," Dowling said. "During Military Family Month, all of us at the commissaries want to offer our gratitude and say, 'Thank you.'"

For more ideas and information on Military Family Month, visit <http://militarybenefits.info/military-family-month/>.

Visit Us Online www.dcmilitary.com

15%

MILITARY DISCOUNT

FOR ALL ACTIVE AND FORMER MILITARY AND THEIR DEPENDENTS

ON IN-STORE PURCHASES
SATURDAY, NOV. 11 • 2017*

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MILITARY DISCOUNT

*No limit to savings. Please show your military proof of service at checkout to receive discount. This offer is not good with any other discount.

Connect with the Military Community in Your Local Area

Go to www.DCMilitary.com

EMW

Continued from page 1

“Managing and fighting in the spectrum is becoming paramount to how U.S. naval forces must operate,” said NSWCDD Deputy Technical Director Dale Sisson. “Modern warfare is moving beyond traditional hard kill, so we must deny our enemies access and use of the spectrum while actively managing and controlling our own emissions. Therefore, we will maintain electromagnetic maneuver warfare as an NSWC Dahlgren strategic goal in order to maximize our warfighters’ battlespace awareness and their advantage in the electromagnetic maneuver spectrum.

Consequently, Navy scientists, engineers, and warfighters are busy working to integrate EMW technologies throughout the Fleet by leveraging the cyberspace domain and the full electromagnetic spectrum for offensive and defensive effects. This requires coordination and simultaneous integration across all domains – land, sea, subsurface, air, space, and cyber.

“We want to expand this capability,” said Druggan in his keynote speech at the Electromagnetic Maneuver Warfare Systems Engineering and Acquisition Conference sponsored by the Association of Old Crows, Sept. 26. “The Navy is going through a unique transition. We’ve always had improvements to our systems, but we’re going through a generational shift – a generational upgrade from MILSPEC (military specification) analog to digital solid state systems, and that digital solid state is computer control that gives us an affordable growth path to the future.”

For example, the Navy’s next generation integrated air and missile defense radar – the AN/SPY-6(V) – is currently under development as a solid-state digital system to address emerging threats, increase signature control, and streamline operational training for technicians.

Similar Navy investments in radars and a myriad of electromagnetic spectrum technologies coupled with its EMW warfighting approach to gain decisive military advantage in the spectrum will enable freedom of action across all mission areas. Subsequently, battlespace awareness – or knowledge of the operating environment – is increasing as warfighters find, penetrate, and predict the enemy’s operations by making better decisions faster.

“The Navy is serious because we see value, but more than just value, we see warfighting capability that gives us a competitive advantage on the battlefield,” said Druggan.

The advantage requires seamlessly integrated communications, command-and-control, signals intelligence, spectrum management, electronic warfare, and cyberspace disciplines to permit the Navy’s freedom of action across the spectrum.

Freedom of action in the spectrum includes integrated-fires pillar of information dominance. Navy commanders are free to use integrated fires across the electromagnetic spectrum and cyberspace to deliver kinetic and non-kinetic effects at specific times and places.

Integrated-fires capabilities are a central part of the asymmetric advantage the Navy, joint, and coalition forces bring to a fight.

They include capabilities that disrupt adversary command and control, communications, computing, intelligence, surveillance, and reconnaissance systems; deliver electronic payloads that limit an enemy’s freedom of maneuver and action; and enhance the ability of our own forces to place ordnance on target. Integration of lethal and non-lethal fires – underpinned by superior battlespace awareness and assured command and control – provides commanders an expanded set of warfighting tools that are especially important in anti-access and area-denial environments, such as the air-sea battle.

“Being able to get kinetic kills on target and non-kinetic kills where we want them without unintentional effects – both of those prongs – are absolutely critical and credible arrows in our quiver,” said Druggan. “So, if you want a missile on target, you’ve got to have a fire control solution. With the new systems that are coming out, there’s opportunity to develop those fire control solutions based on EMW alone. Then, if we’re really good, we’ll be able to have a few transmitters out there while everybody else is on receive, and we’ll have a picture from a multi-static presentation – that’s far into the future.”

Sea control is essential when faced with adversaries who will exploit the electromagnetic spectrum for sensing, targeting, and delivery of fires, and to deny or degrade the Navy’s ability to use the spectrum.

“Our adversaries are using ubiquitous and cheap technology to further develop cyber warfare while advancing and proliferating electromagnetic spectrum capabilities,” Joseph Caliri, conference chairman, reminded electromagnetic experts attending the conference.

Moreover, naval forces must have the resilience to operate under the most hostile electromagnetic conditions. Enhanced battlespace awareness and understanding provided by EMW will allow the Navy to more effectively operate with significantly reduced risk in a hotly contested anti-access, area denial battlespace. This awareness improves the warfighters’ understanding of the environment, their own force, and that of the adversary.

“We want to be able to control our tactical situation,” said Druggan. “That’s very important for us.”

In order to do so, the Navy has to improve its knowledge of the battlespace. In other words, warfighters must have complete awareness of their electromagnetic signature and the electromagnetic signature of others in real time. The ability to manipulate their electromagnetic signature to control what others can detect is essential. Technology that maximizes their capability to defeat jamming and deception is necessary along with constant access to the spectrum. In addition, they need to use electromagnetic and cyber capabilities as non-kinetic fires to inhibit adversary command, control, communications, computers, intelligence, surveillance, and reconnaissance as well as targeting and combat capabilities.

Meanwhile, the Naval Research and Development Establishment is working to master EMW with a holistic system-of-systems focus on the systems and the interstitial space – which is the dimension of the systems – to provide key ca-

pabilities to warfighters for victory at sea via the electromagnetic spectrum.

“Mastering EMW will have commercial, financial, and political impacts,” Caliri told the audience of electronic warfare, electromagnetic spectrum operations, cyber-electromagnetic activities, and information operations experts. “It is important for program managers, engineers, and business planners to be aware of the planning, programming, budgeting, and execution process, the tools used, and the complexities in performing defense acquisition and systems development in the emerging electromagnetic spectrum environment in order to provide value to managing and performing program funding and mission success.”

The Navy’s initial focus on mastering EMW has been on the cyberspace mission area, putting in place the required manpower structure and creating the necessary organizational constructs. That effort continues, but the focus has expanded to include the entire electromagnetic spectrum. Moreover, the Navy has been building on the work undertaken in the last several years to improve electronic warfare systems in the face of sophisticated anti-access and area-denial threats.

“New innovations such as directed energy, high energy laser, and high powered microwave weapons are now entering the field,” said Sisson in his brief at the conference, pointing out that mastery of the electromagnetic spectrum is increasing in complexity.

Among cutting edge directed energy solutions under development at NSWCDD is the high power microwave for non-lethal, non-kinetic missions. The microwave systems are capable of engaging multiple targets, re-attacking, and dramatically reducing collateral damage and reconstruction costs. Potential mission sets for high power microwave include disruption of communications networks, infrastructure, sensors, and vehicle stopping.

The development, testing, and transition of the Dahlgren-developed Laser Weapon System and other directed energy technologies transitioning to naval capabilities offer more options to warfighters. In addition to kinetic weapons such as guns and bombs, directed energy and electric weapons enable warfighters to engage a myriad of targets with more precision and variable effects at a much lower cost.

“EMW is also bringing in the artificial intelligence and machine automation,” said Sisson. “This is true autonomy because we know just as we advance combat systems, decisions have to be made quickly in the battlespace. Machines and humans will be able to make decisions, so how do you process that data? How do you trust the machine to drive that for you? That’s where we’re going in the spectrum world as well – machine autonomy, that machine-to-machine interface to drive the electromagnetic battlespace.”

On the symposium’s last day, conference attendees spoke with the scientists and engineers who work with warfighters to solve these dilemmas concerning machine autonomy and rapid-fire decisions in the spectrum.

The conversations took place in labs where the command’s strategic thrust technologies as well as its electromagnetic and sensor systems are developed and refined.

NSWC Dahlgren Division’s three strategic

thrusts – electric weapons, mission engineering and analysis, and cyber warfare engineering – in tandem with the command’s technical expertise in the fields of spectrum management, electromagnetics, electronic warfare, and surface radars are crucial to the Navy’s development and integration of capabilities that enable EMW.

The attendees saw emerging capabilities at a laboratory where high-fidelity environments enable the development, prototyping, integration, and testing of Navy and Marine Corps systems. As technology advances, the labs are looking to virtual test beds and distributed architecture to meet the increasing needs for testing, including cyber security.

Meta-materials and a monitoring system were demonstrated at the NSWCDD Electronic Warfare Integration Facility. The visitors were briefed on the facility and how it’s impacting current and future surface electronic warfare operations.

In addition to advancements in directed energy and electronic warfare systems, technologies involved with Real Time Spectrum Operations (RTSO) were showcased during the conference.

RTSO technologies developed at Dahlgren enable the Navy to make real-time adjustments within the spectrum in response to changes in the electromagnetic environment and operational requirements. RTSO – like an orchestra conductor – directs which systems operate and for how long in compliance with the commander’s intent. In the order of battle, the commander needs systems to engage at certain times. Systems for listening are required during other engagements. It’s based on the current war effort, information dominance or information sharing priorities, and the commander’s intent while controlling the spectrum of all systems on all platforms and strike groups.

“This conference helped to highlight the great work that is being done across the Naval Research and Development Establishment,” said Weekes. “It offered many different perspectives on EMW and enabled greater collaboration across our community, which will create opportunities for new capability developments and the integration of existing capabilities in support of electromagnetic maneuver warfare.”

The Association of Old Crows is an organization for individuals who have common interests in electronic warfare, electromagnetic spectrum management operations, cyber electromagnetic activities, information operations, and other information related capabilities. The association provides a means of connecting members and organizations nationally and internationally across government, defense, industry, and academia to promote the exchange of ideas and information, and provides a platform to recognize advances and contributions in these fields.

NSWCDD, a Naval Sea Systems Command warfare center division, is a premier research and development center that serves as a specialty site for weapon system integration. The command’s unique ability to rapidly introduce new technology into complex warfighting systems is based on its longstanding competencies in science and technology, research and development, and test and evaluation.



AUTO SKILLS/ OUTDOOR RECREATION

540-653-4900

Auto Skills features four bays and three lifts with tools and equipment for do-it-yourself automotive repair, engine diagnostics, suspensions components replacement, tire mounting and balancing and general maintenance. Cost: Active duty, dependents, retirees \$6.00 per hour. All others, \$7.00 per hour, includes one bay, tools, equipment and fluid disposal.

Outdoor Recreation offers a selection of recreation equipment for fishing, camping, picnics, sporting equipment and special events. Download the Outdoor Recreation Gear Issue & Equipment Rental price list, Moon Bounce and Travel Trailer rentals from www.NavyMWRDahlgren.com/recreation and select Outdoor Recreation Rentals.

CANNONBALL LANES BOWLING CENTER

540-653-7327

Games: Military \$3.00, Civilian \$4.00. Hourly Bowling: Military \$20.00, Civilian \$25.00. Shoe Rental: Military \$1.50, Civilian \$2.50. Ask about our birthday party packages!

Gobble Topple

Nov. 1-16

Bowl three strikes in a row and enter your name into the drawing for a Thanksgiving turkey. Turkey's will be awarded to first, second and third place winners! Standard rates apply.

Turkey Pin Decorating

Nov. 15, 5 p.m.

Decorate a bowling pin and enjoy a game of bowling for only \$10.00! Open to all with base access.

DAILY BOWLING SPECIALS Sunday Special

Sundays, 11 a.m. - 9 p.m.

Join us every Sunday for \$2.00 games and \$1.00 shoe rentals!

Ten Dollar Tuesdays

Tuesdays, 11 a.m. - 9 p.m.

Every Tuesday, get a lane for one hour of bowling for only TEN dollars!

Buy a Game, Get a Game Wednesdays

Wednesdays, 11 a.m. - 9 p.m.

Every Wednesday, buy one game; get the second game for FREE!

All-U-Can Bowl Fridays

Fridays, 7 p.m. - 11 p.m.

Join us every Friday for a two hour, all you can bowl special! Cost: Military \$6.95/person; Civilian \$7.95/person. Both rates include shoe rental.

Cosmic Bowling

Saturdays, 7 p.m. - 11 p.m.

Enjoy music and lights while bowling!

CHILD & YOUTH PROGRAMS

CDC I 540-653-4994 /

CDC II 540-653-4342

YAC 540-653-8009

Military Child Care Open Enrollment

There's a new way to request care for School Age Care (SAC) and Summer Camps! Families can now use MCC to request care for SAC programs and Summer Camps all year long. The online system allows you to search for and submit unlimited SAC and Summer Camp requests at any time of the year without waiting for registration to begin! To register and learn more about MCC, visit MilitaryChildCare.com

COMMUNITY RECREATION

540-653-8785

TRIPS

NYC Rockettes Show

Nov. 18

Purchase your tickets at the Tickets & Travel office and we'll provide the transportation! Open to all with base access. Cost: \$130.00 per person

CRAFTS & CLASSES

DIY Snowman Door Hanger

Nov. 16, 5 - 7:30 p.m.

Location: Multipurpose Room

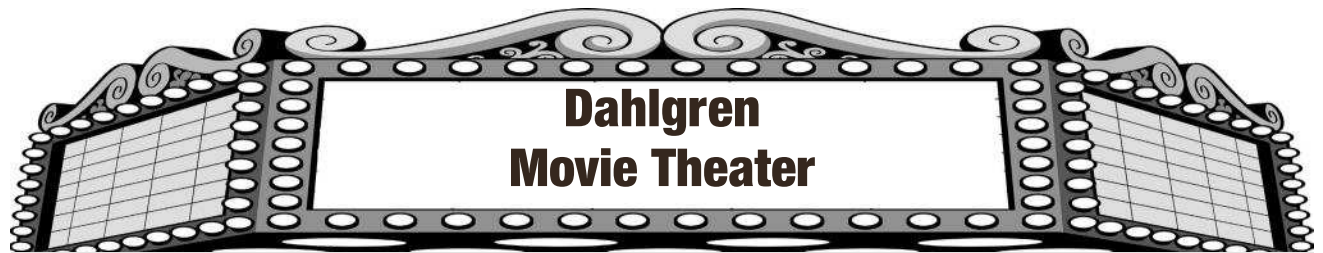
Let's paint a snowman DIY porch sign! Register at Tickets & Travel by Nov. 13. Cost: \$15.00

Turkey Plate Painting

Nov. 14, 4 - 6 p.m.

Location: Craftech

Paint a ceramic platter just in time for Thanksgiving. The platters will be fired in our kilns ready to pick up the following week. Open to all with base access, ages 15 and older. Register at Craftech by Nov. 10. Cost: \$25.00



Dahlgren Movie Theater

540-653-7336

Price of Shows - Civilian: \$5.00. Active Duty, Retired & Reserve Mil E7 & above & their family members with ID: \$4.00. E1-E6 & below & their family members with ID: \$3.00. Children (6-11): \$2.00 Children (5 and under): FREE.

*Movies shown in 3D will cost an additional \$1 to ticket price.

Friday, Nov. 3 7 p.m.	Kingsman: The Golden Circle R
Saturday, Nov. 4 4 p.m.	The Lego Ninjago Movie PG
Saturday, Nov. 4 7 p.m.	Blade Runner 2049 R
Sunday, Nov. 5 2 p.m.	The Mountain Between Us PG-13
Sunday, Nov. 5 4:30 p.m.	Flatliners () PG-13
Friday, Nov. 10 7 p.m.	Blade Runner 2049 R
Saturday, Nov. 11 4 p.m.	Justice League (SNEAK PEEK) PG-13
Saturday, Nov. 11 7 p.m.	The Foreigner R
Sunday, Nov. 12 2 p.m.	The Lego Ninjago Movie PG
Sunday, Nov. 12 4:30 p.m.	Happy Death Day PG-13

For movie listings online, visit www.NavyMWRDahlgren.com/recreation and select the Dahlgren Theater.

Ask about our birthday party packages!

No Sew Fleece Blanket

Nov. 29, 4 - 6 p.m.

Location: Multipurpose Room

Get ready for the winter months with this cozy fleece blanket. Open to all with base access, ages 15 and older. Register at Tickets & Travel by Nov. 22. Cost: \$10.00

TICKETS

Busch Gardens Williamsburg Christmas Town Tickets

Valid select dates through Nov. 24 - Jan. 1. BGW Christmas Town 1-Day admission, \$35.50. BGW Christmas Town Fun Card, \$48.75

White House Christmas Ornaments

Purchase a White House Christmas Ornament keepsake honoring President Franklin D. Roosevelt at the Tickets & Travel office. Cost: \$18.50

SPECIAL EVENTS Winter Festival

Nov. 30, 6 - 8 p.m.

Location: Parade Field

Welcome winter at our annual Winter Festival featuring holiday crafts, outdoor games, carriage rides, photos with Santa, hot chocolate bar, cookie decorating, snowball fun, music and more! This event is free and open to all with base access.

Gray's Landing will be featuring a kid-friendly holiday dinner from 3:45-5:45 p.m. for \$5.50 per child, \$9.00 per adult.

CRAFTECH

540-653-1730

Craftech offers a variety of

services including framing and matting, engraving on plaques, metals, glassware, leather, stone and more, embroidery, flag and shadow boxes, Tiffany style stained glass, fusing, bottle slumping and firing.

For more details, visit www.NavyMWRDahlgren.com/recreation and select Craftech.

Dahlgren Centennial Collector Items

Order your exclusive Centennial collector items from Craftech all year long. Items include insulated travel and coffee mugs, playing cards, challenge coins, t-shirts, clocks, pens and holders, lanyards and much more!

FITNESS CENTER

540-653-8580

Visit us online at www.NavyMWRDahlgren.com/fitness-sportsto view the Group Exercise schedule, 2018 Race Series schedule, upcoming classes and leagues!

See MWR, Page 10

Holiday Loans

as low as
4.99% apr*
up to 36 months

*Rates may vary depending on individual credit history and underwriting terms. Promotional rate of as low as 4.99% APR applies only to online applications received November 6, 2017 through December 31st, 2017. Minimum loan amount \$500, maximum loan amount \$30,000. Monthly payment per \$1,000.00 financed for thirty six months is \$29.97 at 4.99% APR. Minimum loan term is 12 months, maximum loan term is 36 months. Refinances of existing loans with NSWC FCU do not qualify for this offer. Membership eligibility required. All Credit Union loan programs, rates, terms and conditions apply and are subject to change at any time without notice. Federally Insured by NCUA.

NSWC
NSWC Federal Credit Union
www.nswcfcuonline.org

MWR

Continued from page 9

RACE SERIES Turkey Trot 5K

Nov. 16, at 11 a.m.

Race for a chance to win Thanksgiving goodies and even a turkey! Cost: Active Duty, Free All Others, \$5.00

Also featuring the CFC Campaign: Choose your cause and show some love today with the Combined Federal Campaign!

SPORTS Wiffle Ball

Nov. 9, at 4 p.m.

Have fun with a double elimination wiffle ball tournament! Register at the Dahlgren Fitness Center by Nov. 1. Cost: Active Duty, Free All Others, \$5.00

Ping Pong Tournament

Nov. 20, at 4:30 p.m.

Paddles ready? Join us for a double-elimination ping pong tournament. Register at the Dahlgren Fitness Center by Nov. 15. Cost: Active Duty, Free All Others, \$2.00

INCENTIVES

Maintain, Don't Gain

Nov. 1, - Jan. 31, 2018

During the holiday season, most adults gain 1 to 5 pounds

that they will never lose. Join Maintain Don't Gain and help keep your weight steady during the holidays! Register for this FREE program at the Fitness Center between November 1 and November 17. Participants will track their weight and receive weekly newsletters with tips and helpful hints to keep that number on the scale from creeping up during the upcoming festivities. Participants who maintain their pre-holiday weight will receive a gift and be entered into a drawing for a prize. Open to all with base access.

Aerobathon

Nov. 18, from 9 - 11 a.m.

Get your sweat on with this workout designed to showcase some of our class offerings giving you mix of cardio and strength training. Open to all with base access. Cost: Free

AQUATICS

540-653-8088

Family Float Night

Nov. 17, from 5 - 7 p.m.

Bring your inflatable and float your way into the weekend! Follow the DahlgrenFFR Facebook page to see which movie will be featured. The pool will close at 6

p.m. if no one is present. Open to all with base access. Cost: Regular Admission

Fall Swim Lessons

November 28 - December 21,

Parent and Child, Level I, II, III and IV age groups are available for swim lessons Tuesdays and Thursdays. Minimum enrollment of 3 participants per class. Cost: Military, \$45.00. All Others, \$50.00.

GENERAL LIBRARY

540-653-7474

Basket Weaving

Nov. 8, at 5 p.m.

In honor of Native American Heritage Month, learn how to weave a fan in a similar style to those used by Native Americans in Louisiana. Cost: Free

LIBRARY SPECIALS

STEM Club

Last Monday at 4 p.m.

See what new and exciting science, technology, engineering and mathematical concepts we have coming up this month! Cost: Free

Learn Japanese

Active duty only - Mondays at 2:30 p.m. All others Monday at 4:30 p.m. and Wednesday at 5:15 p.m.

Learning a new language

boosts brain power, improves memory, and expands career potential. Join us at the Library as we learn Japanese! Cost: Free

Paws for Reading

Every second Tuesday at 3:45-5 p.m.

Curl up with a furry friend and read them a story! The General Library will hold Paws for Reading the second Tuesday of every month and give young readers the opportunity to read to their four-legged companions. Reading to a pet can help build confidence in young readers. Register online at <http://engagedpatrons.org/Events.cfm?SiteID=6188> and click on a selected time or call the General Library. Cost: Free

S.T.E.A.M. Pre-School Literacy Classes

Wednesday at 5 p.m.

Our S.T.E.A.M. classes are geared toward preschool and kindergarten-aged children. They will develop their literacy skills as well as engage in the arts and learning experiments. Siblings are always welcome! Cost: Free

One-on-One Computer Help First Tuesday by appointment

Need help and don't know

where to start? Sign up for a one on one session to work on whatever you'd like! Cost: Free

Early Literacy at Your Library

Fridays, 10 a.m.

The Dahlgren General Library offers early literacy sessions for your baby and child, with songs, books, and activities that encourage early literacy development. Storytime and crafts will be geared toward babies and children under age 5. Siblings are always welcome to attend. Our Friday storytimes are a great way to meet other caregivers in the area. Cost: Free

Sensory Sensitive Saturdays

Saturdays, 1 - 3 p.m.

The library will provide a welcoming environment for sensitive sensory learners. Cost: Free

LIBERTY CENTER

540-653-7277

The Liberty Center and all activities are for Liberty Center Patrons Only: E1-E6 single/unaccompanied active duty military.

Football Tailgating

Sundays begin at 1 p.m.

Watch your favorite teams compete!

Wing Wednesday & Trivia

First and third Wednesdays at 3:30 p.m. enjoy wings and a game or two of trivia.

Free Movie Friday

Second Friday of the month at 10 p.m. watch a movie on us at the Theater.

Midnight Bowling

Fourth Friday of the month at midnight enjoy a game of bowling!

National Jersey Day

Nov. 3

Wear your favorite sports team's jersey into the Liberty Center to celebrate National Jersey Day.

Autobahn Indoor Speedway

Nov. 4, Van Departs 11 a.m.

Go kart racing at the Autobahn Indoor Speedway! Price includes all of your gear and three 14 lap races. Cost: \$29

Holiday Sign Craft Day

Nov. 7

Come into the Liberty Center to make a holiday sign.

Throwback Movie Marathon

Nov. 8

Come into the Liberty Center and watch some of your favorite throwback movies.

See MWR, Page 11

NOW LIVE!

The SoMdNews App brings you the latest local, sports and community news and information from the Southern MD Newspapers, 24/7.



The free app is updated from our full website, smdnews.com, in real time, delivering you the latest headlines. Download the app at smdnews.com/newsapp or Scan the QRC code.



MWR

Continued from page 10

Veterans Day Holiday

Nov. 10

The Liberty Center will be open holiday hours today with food provided by Grays Land-ing.

Veterans Day Paintball Tournament

Nov. 11

Pair up with a few of your buddies and see which team is the best. The winning team will receive a prize!



Indian Head Child & Youth

CDC 301-744-4458

CYP 301-743-5456

Teen Open Recreation

Open to ages 13 — 18 from 6:30 — 10:30 p.m. Contact the Youth Center for more information.

Youth Open Recreation

Open to ages 5 – 12 from 6:30 – 10 p.m. Contact the Youth Center for more information.

Start Smart

October 17–November 21
Start Smart Fall 2017 held on Tuesdays 5:30–6:30 p.m. at the Youth Center. For more information call the Youth Center at 301-743-5456.

Indian Head Community Recreation

301-744-4850 or 301-744-4648

LIBRARY SPECIALS Storybook Yoga

Thursdays from 10:30 – 11 a.m.

Let's have fun with books and get energized. Open to children and their parents, grandparents and caregivers! Cost: Free

Storytime Play Dates

Tuesdays at 10:30 – 11:30 a.m.

Parents grab a cup of coffee and mingle with other moms for play dates at the library. First 10 minutes will be a story, song, and a rhyme followed by free play time. For Toddlers and Preschoolers.

SPECIAL EVENTS

Trout Fishing Derby

November 4, 8 a.m. – 12 p.m.
Location: Stump Neck Pond
The derby is open to all children, 15 years and under, with a parent who has base access. Supplies are limited. Please bring your own fishing equipment and bait. Register at the Community Recreation Center by Nov. 1.

CRAFTS AND CLASSES

Basket Weaving

November 9, at 5:30 p.m.
Learn how to weave a fan in a similar style to those used by Native Americans. The cost is Free. Register by Nov. 6.

Indian Head Stars & Strikes Bowling Center

301-744-4761

Games: Military \$2.00/game; Civilian \$3.00/game; Shoe Rental \$1.00

Party Rental

Rent Stars & Strikes for your next celebration! Cost: 2-hour rental prices are \$60 for military and \$70 for civilians. Price includes 4 private lanes, shoes, cosmic lights and a whole lot of fun!

BOWLING SPECIALS

Open Bowling

Fridays and Saturdays, 5 – 10 p.m.

Bored on the weekends? Look no further. Stars & Strikes Bowling Center offers open bowling on Fridays and Saturdays.

Lunchtime Bowling

Wednesdays, 11 a.m. – 1 p.m.
Take a break from the office and unwind with a game or two of bowling! Want a quick bite while you play? Visit online for the menu. Contact Stars & Strikes for more information.

Cosmic Bowling

2nd and 4th Saturday, 5 – 10 p.m.

What glows in the dark and is too much fun to miss? Cosmic bowling at Stars & Strikes Bowling Center

EVENTS

USMC Birthday Bowling Special

November 3, 5:00 – 10:00 p.m.

Come and celebrate the 242nd birthday of the United States Marine Corps with the Stars & Strikes Military Bowl! Open to all active and retired military. One Free game. Shoe rental rates do apply.

Indian Head Globe & Anchor/ Tiki Bar

301-744-6487

Make sure to LIKE us on Facebook to see the exciting drop-in events throughout the month.

Indian Head Weight House Fitness Center

301-744-4661

SPORTS Futsal League

November 8

Looking for something fun to do this winter? Join the Futsal League and fine-tune your soccer skills. Games will be played on Wednesdays beginning Nov. 8. There will be a mandatory coaches meeting on Nov. 6 at 4:30 p.m. Cost is Free for all active duty and contractors with a gym membership. Register by Nov. 2. For more information please contact (301) 744-6649

Indian Head Liberty Center

301-744-4524

The Liberty Center and all activities are for Liberty Center Patrons Only: E1–E6 single/unaccompanied active duty military.

Monday Night Football

Every Monday beginning at 8:00 p.m.

Come watch your favorite football team compete.

Top Golf Day Trip

November 4, 10:00 a.m.

Come enjoy a few rounds of golf with Liberty! Register at the Liberty Center by Nov. 2. Cost: \$15.

Mario Kart Tournament

November 7, 6:00 p.m.

Gameplay on the Nintendo Switch system. Sign up in the free event binder.

Foosball Tournament

November 8, 6:00 p.m.

Come and show your Foosball skills. There will be a prize for the winner and snacks are provided. Sign up in the free event binder.

Minute to Win It Challenge: Guess that pie!

November 9

We know you've heard of the Minute to Win It game! Come take the challenge. You will have one minute to guess the flavor of the pie! Sign up in the free event binder.



Apartments
Unfurnished

Equal Housing

All Real Estate advertised herein is subject to the Federal Fair Housing Act which makes it illegal to indicate any preference, limitation, or discrimination based on sex, handicap, familial status, or national origin or an intention to make any such preference, limitation, or discrimination. We will not knowingly accept any advertising for Real Estate which is in violation of the law. All persons are hereby informed that all dwellings advertised are available on an equal opportunity basis. If you believe you have been discriminated against in connection with the sale, rental, or financing of housing, call the United States Department of Housing and Urban Development at 1-800-669-9777.



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CYBERSEC cyber superhero

VOLUME 1 | ISSUE 3 | OCTOBER 2017

NDW PUBLIC AFFAIRS

OUR HERO ARRIVES AT NSAA AND MEETS JODY DAVENPORT

HEY JODY, GOT HERE AS FAST AS I COULD

WHAT YOU GOT?

WAIT TILL YOU SEE WHO WE NABBED

THE MALWARE MANIAC!

THIS IS AWESOME!

HOW'D YOU GET HIM?

YOU KNOW THAT ANNUAL CYBER SECURITY TRAINING?

NSA ANNAPOLIS BRIG

HAS SOME PRETTY GOOD TIPS FOR DEALING WITH MALWARE

EVEN FOR PERSONAL DEVICES

AT NSA ANNAPOLIS, WHEN WE FIND A WORM...WE SQUASH IT!

HA HA!

YOU KNOW CYBERSEC... YOU DON'T HAVE TO BE A SUPERHERO TO STOP CYBER VILLAINS

MEANWHILE...

MULTIPLE CYBER THREATS INBOUND...

WE'RE TRAINED

WE'RE READY

WHAT ARE THEY THINKING?

WHO KNOWS CYBER?... THIS GUY

NAS PATUXENT RIVER

STAY TUNED...

CYBER VILLAIN PROFILE

MALWARE MANIAC

INFILTRATES AND INFECTS COMPUTERS WITH MALICIOUS CODE

LIKES: VIRUSES, WORMS, TROJAN HORSES, SPYWARE, ADWARE

DISLIKES: SECURE NETWORKS, UPDATED VIRUS PROTECTION, FIREWALLS

OCTOBER IS CYBER SECURITY AWARENESS MONTH | CYBER SECURITY HOTLINE (202) 433-WIRE (9473)

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