Acquisition Leaders Converge on NPS

by Kenneth A. Stewart

Defense acquisition leaders recently converged upon Monterey, California for NPS’ 13th Annual Acquisition Research Symposium.

Assistant Secretary of the Navy for Research, Development and Acquisition the Honorable Sean Stackley served as keynote speaker at the symposium. Stackley highlighted efforts to break through bureaucracy, and to streamline the defense acquisition process while calling upon policy makers to see the bigger picture.

"Please [congress], no more policy, no more rules and regulation. We have plenty of policy, we need practices," Stackley said. "Process is important, but it’s about product. It’s about putting weapons systems in the hands of Sailors and Marines around the world and giving them the confidence to do their jobs."

Stackley also pointed to regulatory red tape as an impediment to the acquisition process, noting some of its more frustrating consequences.

“**When you sort through all the details, a story emerges – extraordinary things are possible when congress, the Navy and manufacturers work together to defend the nation.**” — Assistant Secretary of the Navy (Research Development and Acquisition), the Honorable Sean Stackley

“Admirals report to the Pentagon after solving the problems of nations with their fleets only to come to the pentagon and learn that they do not have the authority to approve a travel voucher to attend a conference,” explained Stackley.

And while Stackley bemoaned the reality of an acquisitions work place where "lawyers out number engineers 10-1" and where "policy makers believe you can bend the laws of physics with a policy change," he also called for optimism citing success stories born in the wake of WWI when construction of new ships was limited by treaty to just 27 tons and where forward thinking acquisitions professionals petitioned for a further 3,000-ton exception. That exception allowed for the building of two new battle cruisers, the Lexington and the Saratoga, which would become naval workhorses over the next 15 years as history-making aircraft carriers, noted Stackley.

“**When you sort through all the details, a story emerges – extraordinary things are possible when congress, the Navy and manufacturers work together to defend the nation,**” said Stackley.
NPS Executive Ed Programs Have Broad Reach, Impact

By Kenneth A. Stewart

NPS has been at the forefront of the Navy’s efforts to provide its officers with a defense-focused graduate education for decades. By taking advantage of the intellectual capital among its faculty, however, the university has developed several executive education programs that broaden the impact of the NPS mission throughout the service and the Department of Defense (DOD).

Executive education offerings at NPS range from advanced topics in homeland security to tailored courses for senior military officers and civilian leaders preparing for their next assignment, and from defense resource allocation programs to efforts in building partner capacity and strategic relationships.

NPS’ Center for Homeland Defense and Security (CHDS) is the nation’s premier graduate education provider in homeland security. Beyond the master’s curriculum, CHDS offers an Executive Leaders Program catering to senior government executives and officers representing federal, state and local organizations with a stake in homeland defense and security. Their offerings answer critical questions in the realms of counter-terrorism, counter-radicalization, force protection, intelligence and information sharing.

“It enables senior officials to interact with homeland and national security leaders in a way that is not offered in any other place,” said CHDS Director Dr. Glen Woodbury.

“This program has been a success. Our mission is to create a cadre of leaders who can handle complex issues and think critically,” added CHDS Director of Communication Heather Issvoran. And NPS’ cadre of CHDS alumni have put those abilities to the test time and time again in crisis response centers and battlefields around the world.

“For example, when the Washington Navy Yard shooting occurred, it was graduates of our master’s program here that led the response,” said Woodbury. Those responders included CHDS alumni John Donnelly Sr., D.C. Battalion Fire Chief, and Cathy L. Lanier, Chief, Metropolitan Police Department, Washington D.C.

Another major contributor to executive education at NPS is the university’s Defense Resources Management Institute (DRMI), which recently celebrated 50 years of educating national and international defense leaders with an eye toward creating sound fiscal policy and the efficient allocation of precious defense resources. Perhaps DRMI’s mission can be best summed up in the words of former British Prime Minister Winston Churchill who said, “Gentlemen, we have run out of money. Now we have to think.”

Since its first course in 1965, DRMI has educated approximately 15,000 U.S. students and nearly 21,000 international students from 171 different nations. DRMI graduates include prominent world leaders like His Majesty King Abdullah of Jordan, several ministers of defense and ambassadors, and other dignitaries from around the globe.

“Our goal is to develop a broad-based analytical framework for defense decision makers emphasizing the economic and efficient allocation of defense resources, and to provide an environment for the comparative exchange of ideas related to the management of national security,” said DRMI Executive Director Dr. Natalie Webb, a professor in NPS’ Graduate School of Business and Public Policy.

Under Secretary of Defense (Comptroller) and Chief Financial Officer, the Honorable Mike McCord weighed in on DRMI’s continued contributions toward the education of DOD policy makers.

“Many things have changed over the last 50 years, from the Cold War to a man walking on the moon and the fall of the Berlin Wall. For DRMI to stay relevant over this period of incredible change is a remarkable testament,” McCord said.

The Navy Management Systems Center, which eventually became DRMI, was established in 1963 by then Secretary of Defense Robert McNamara. Before he led the DOD, McNamara was the CEO of Ford Motor Company, and would eventually apply some of the private sector economic principles that led to his success in the automobile industry to the DOD.

“McNamara installed the Planning, Programming and Budgeting System [PPBS], which is still in use today. It requires good economic analysis, because the main problem in defense economics is the allocation of scarce resources among many competing interests under conditions of uncertainty,” explained unofficial DRMI historian and
NPS Professor Emeritus Dr. James Blandin. If the success of its distinguished graduates is any indicator, DRMI’s contributions to the DOD and its most senior leaders have answered McNamara’s challenge.

NPS’ Center for Executive Education (CEE), as its name suggests, is the Navy’s pre- eminent provider of customized executive education programs that address the strategic needs of the Navy. One of several efforts, the Tailored Support Program, provides senior Navy officers with a customized education immersed in the global and regional challenges of their designated future commands.

“The [Navy] wanted a way to provide additional support to flag officers as they transition to positions of greater responsibility and visibility,” said CEE Director Winli McAnally. “We help them see different perspectives of the business they will be doing. By gaining these perspectives, they are able to approach their new commands with tools that will make them more effective.”

McAnally works closely with course participants to create a syllabus tailored to the specific goals and interests of its executive attendees. In doing so, she leverages NPS’ diverse intellectual capital already in residence on campus.

“The great thing about this program is that we pull faculty from across NPS,” McAnally said. “It really highlights the resources, the faculty and the research that NPS conducts, and has led to research opportunities for our faculty members.”

Prior to assuming command of the U.S. 3rd Fleet in 2013, now retired Vice Adm. Kenneth Floyd, like many others before him, spent several days at NPS where he took part in a series of one-on-one sessions with university faculty.

“NPS offers a guy like me the chance to really think about what I’m getting into and facilitates that with an incredible number of some of the world’s experts in their fields,” said Floyd. “Training dollars are tough to find right now and I feel very fortunate to have been able to attend this course. I will continue to avail myself of these resources and recommend others do so as well.”

Another front in NPS’ effort to provide executive education is the university’s Center for Civil Military Relations (CCMR), which was established in 1994 to support emerging democracies in the post Cold War era. Today, the CCMR has expanded its focus to building partner capacity and improving international relations and interagency cooperation.

“We often bring together a variety of people, who have never gotten together before, from across foreign governments or our own government and other agencies,” said CCMR Director Richard Hoffman.

“We learn as much from the students as they learn from us. We facilitate the discussion. They all bring their individual perspectives, experiences and expertise, but often times they have not really come together to look at a problem, like what they would do to address a refugee flow, a natural disaster, or respond to a weapon of mass destruction,” Hoffman continued.

CCMR efforts have included advisory missions to Albania, counter-terrorism efforts in South East Asia, as well as work in the areas of maritime security with special attention given to the challenges of human migration and regional instability.

In addition to several non-degree executive education and professional development programs, NPS also provides an Executive Master of Business Administration (EMBA) degree through its Graduate School of Business and Public Policy (GSBPP). Harnessing the power of distance learning, the EMBA program develops executive level skills in the areas of defense management and leadership to senior leaders whose schedules do not allow them to participate in NPS’ resident offerings.

Recently, students from the Space and Naval Warfare (SPAWAR) Systems Center Charleston and Naval Surface Warfare Center (NSWC) Panama City Division participated for the first time in the EMBA program.

“I really think the EMBA program will help Panama City with new ideas and insights into processes, program management, and how we conduct business,” said Jonathan Armstrong from the Panama City cohort. “A few years ago, I started looking into the EMBA program after I received positive information from other Naval Surface Warfare Centers that had gone through the program.”

By capitalizing on the broad expertise reflected in its faculty, the university has been able to add several executive education and professional development programs to its mission lineup.

Although each of NPS’ executive programs are unique, they share a common goal that is grounded in the NPS mission of educating naval officers. They also play an important role preparing our nation’s most senior defense leaders to ensure our nation’s defense and respond to national security crises when it matters the most.

Visiting NPS Professor of Operations Research Dan Nussbaum and NPS Department of Operations Research Senior Lecturer Greg Mislick were recently named the 2016 recipients of the “Educators of the Year” award from the International Cost Estimating and Analysis Association (ICEAA).

Nussbaum and Mislick will be honored at the annual ICEAA symposium in Atlanta, Georgia June 8. The International Cost Estimating and Analysis Association is a nonprofit organization that strives to promote and enhance the profession of cost estimating and analysis with the primary goal of fostering the professional growth of its members in cost estimating, cost analysis, and allied fields.

The latest group of participants in the Scientists at Sea program, including four faculty from NPS, spent a week on board USS America, May 9-13 2016. The effort provides academics and scientists who work on advanced defense technology with a first-hand view of naval vessels and systems in action.

“I was part of a larger group of 17 people, all Navy civilians, who were given the opportunity to go visit and spend five days on USS America,” said Dr. Amelia Sadagic, a research associate professor in NPS’ MOVES Institute, who said she appreciated the opportunity to gain some perspective on the life her students lead while deployed.

“We have a very good chance to learn things from our students as we work with them, however, we rarely have a chance to gain a clear understanding of context,” she said.
Biennial Symposium Advances Naval Mine Warfare

By MC1 Lewis Hunsaker

Naval leaders, industry experts and guests from 12 countries gathered at the 12th International Mine Warfare (MIW) Technology Symposium held at the Embassy Suites in Seaside, California, May 24-26.

The three-day biennial symposium is the only Navy-sponsored event solely focused on naval mine warfare and associated technologies with the theme, “Expeditionary Mine Warfare: Mine Countermeasures, Naval Mining, and Unmanned Systems.”

“It has occurred to me that we [as a community] are trying to do three things simultaneously,” said keynote speaker Director, Expeditionary Division Marine Corps Maj. Gen. Christopher Owens. “Replace our primary surface and air platforms with multi-use platforms, replace most of the systems and go mainly to remotely-operated systems to take the Sailor out of the minefield, and increase our clearance rates.

“The bottom line is we have been making progress towards this future force, but the progress has been choppy,” he said.

Some of the reasons for the uneven progress is the nearly $110 million cut to mine warfare programs over the last three years, Owens noted. “Mine warfare is a very complex area, but when you get into the Pentagon and the Navy Yard, it gets even more complex,” he said.

During the symposium, naval and industry speakers, and guests, had the opportunity to address a broad range of topics including the current status of mine operations, operational reports, future concepts, requirements, mine countermeasures, technologies, unmanned maritime systems and concepts.

“There is good news, the CNO [Chief of Naval Operations] is very focused on rapid prototyping and getting prototypes out into the hands of Sailors … This helps us develop new tactics and procedures to help the [Mine Warfare] community,” said Owens.

The Littoral Combat Ships (LCS) Mine Countermeasures (MCM) Mission Package is also a major step forward in achieving the Navy’s goal of providing mine detection and neutralization capability that doesn’t put ships at risk in minefields, Owens noted.

Australian Navy Lt. Cmdr. Fletcher Wall, currently at the Surface and Mine Warfare Development Center in San Diego, appreciated the professional opportunities the event allowed.

“It’s good to see the global interest in mine warfare,” said Fletcher. “Sometimes mine warfare seems to be pushed to the side, and it’s good to see this many people moving toward a common goal.”

“The key thing about a symposium like this is the sharing of ideas and working together [to solve problems],” added Commander, Naval Surface and Mine Warfighting Development Center Rear Adm. James W. Kilby. “We need to be able to experiment throughout the community on ideas.”

Director Expeditionary Division Marine Corps Maj. Gen. Christopher Owens addresses the audience during the 12th International Mine Warfare (MIW) Technology Symposium at the Embassy Suites in Seaside, Calif., May 24. (U.S. Navy photo by MC1 Lewis Hunsaker)

Jordan Fact-Finding Team Pursues Cyber Expertise

By Javier Chagoya

A delegation of Jordanian military and defense leadership stopped at NPS as part of a fact-finding mission to get the details on the university’s current cybersecurity educational and research programs, April 29.

The officials, senior members of Jordan’s cyber, intelligence and communications communities, was comprised of two brigadier generals, two colonels and one ministry of defense secretary general, all touring the U.S. in the discovery phases for finding certificate and degree programs in cybersecurity, operations and computer forensics.

“The cybersecurity programs at NPS have a very strong reputation, as do our cyber operations programs. It is not surprising that a group seeking solid educational programs for military officers on these topics would come to NPS. Other countries have already sent students here for the NPS cybersecurity programs,” said Distinguished Professor of Computer Science Dr. Cynthia Irvine.

The Jordanian delegation toured the recently-constructed Cyber Battle Lab. They also met with subject matter experts from NPS’ Information Technology and Communications Services (ITACS) department.

U.S. Central Command Operations Branch Chief Marine Corps Col. Brian King, who accompanied the delegation, noted that the effort is about supporting Jordan’s ability to secure its networks.
**NPS Remembers the Holocaust**

**By MC2 Victoria Ochoa**

NPS Senior Lecturer Carolyn Halladay helped the NPS community to commemorate the 6 million people who lost their lives during the Holocaust at NPS’ annual Holocaust Remembrance Day observance, May 5. “The Holocaust, as a term, refers specifically to the Nazi state’s program of exterminating the Jews of Europe,” said Halladay.

For over seventy years on “Yom Hashoah” or Holocaust Remembrance Day, the mothers and daughters, fathers and sons, friends and neighbors, who lost their lives during the Holocaust are remembered. The word Holocaust comes from the Greek “holocaustos,” which means “a burnt sacrificial offering.”

“…”What was unique about the Holocaust was the totality of its translation of abstract thought into a plan to implement murder,” said Halladay. “The death toll … was horrific. In fact, 2/3 of the pre-war Jewish population of Europe - gone.”

Also honored at the event were those who survived the Holocaust, many of whom were spared from death because of individuals who risked their lives to save Jews and other victims from persecution.

**NSA Student Wins Essay Competition**

**By Javier Chagoya**

NPS student Marine Corps Capt. Christopher Bartos of the Department of National Security Affairs has been named winner of the inaugural NPS Foundation/U.S. Naval Institute Essay Contest. His 3,000-word winning entry, “Cyber Weapons Are Not Created Equal,” will be published in the June issue of Proceedings.

“I was very surprised to find out I had won because I wasn’t sure the editorial board would agree with some of my conclusions,” said Bartos. “I had no idea that I was in the running for the top prize until I was informed by [NPS Foundation Executive Director] Ms. Suzanne Fortune over the phone that I had won.”

Bartos’ winning essay attempts to clear up misperceptions in cyber attack and defense operations, and how they are postured. He declares that a rigorous network defense negates offensive penetration because, over time, attack methods become perishable and obsolete.

“My essay challenges a commonly held belief about cyber operations – that they favor the offense more than the defense. While it is true that cyber attacks happen quickly, and that expanding Internet use creates many gaps, the most significant form of cyber operations requires significant planning, resources, and expertise to develop and execute. Small attacks will cause problems for society and individuals at large, but it is only these advanced attacks that will influence security at the strategic level,” said Bartos.

Kathleen Gardner

**Send your campus news and notes to update@nps.edu.**
An interservice team of NPS and Defense Language Institute Foreign Language Center (DLIFLC) students recently reached out to local elementary school students through the Breakfast for Your Brain tutoring program.

DLIFLC Army Spec. Eric King and NPS student Army Capt. Ryan Miller were both members of the volunteer team that gave up their Saturday morning to tutor Monterey County kids at NPS’ Dudley Knox Library, May 7.

“I really like teaching children. The Breakfast for Your Brain Program gives me the opportunity to share with kids new ways of solving math problems. The children are like learning sponges — it’s a joy to watch,” said King.

Over the years, the tutoring program, established by the Monterey chapter of the National Naval Officers Association, has had an ebb and flow of volunteers. With recruitment of a reliable source of volunteers difficult, the benevolent tutoring program had been curbed for the past year.

NPS Department of Applied Mathematics Military Lecturer and Program Manager Cmdr. Thor Martinsen picked up the baton. He found overwhelming support and enthusiasm from NPS student Miller who joined in to reinvigorate the program by recruiting a bevy of enthusiastic volunteers.

“Establishing a method of continuity for the leadership role is paramount for the program to flourish. We already have an NPS student who will continue in the leadership role when Capt. Miller graduates in June. I will serve in the continuity role along with the outgoing volunteers to continually groom future leaders,” said Martinsen.

Miller is a master’s candidate in applied mathematics, and has served as the current leader of the Breakfast for Your Brain program since January 2016. His team is made up of volunteers from both NPS and DLIFLC, and with the school year nearing its end, the team is about to wrap up their final weekend of helping kids with their math, science and other homework projects.

“Each tutor works with up to three children that cover subjects ranging from reading, writing, English, history, geography and Earth sciences.

“The parents of the children appreciate the reinforcement that comes along with the tutor’s enthusiasm, providing problem-solving strategies the youngsters may not have encountered in the classroom,” said Miller.

Even though the program will be on hiatus for a handful of weeks, the program is actively looking for volunteers for next year’s program. Interested students, faculty and staff should e-mail BreakfastForYourBrain@nps.edu.
Greetings! As we near the end of another quarter, my time as the President’s Student Council (PSC) Chairman is almost up.

In the coming weeks, we’ll be working to find not only a new Chairman and Vice-Chairman, but also new members of the PSC. We’re pushing the word out to students through email, but we’d also like to invite the faculty and staff to help out in our recruiting process. If you have students in your classes or programs who you think would be a good fit for the PSC, please encourage them to join!

We’re still missing representation from certain programs, but have been fortunate enough to have two international students sign up to represent the international community, as well as an NCO to help with issues unique to our enlisted students.

The PSC is a great opportunity for anyone looking to get involved in community service, or someone who just wants to give back to NPS while learning a thing or two about how the school runs. If you have anyone in mind, please send them our way!

As I sign off on this last column, thanks to everyone for their support of the PSC and the students of this school. I’ll see you around campus.


THE BATTLE OF MIDWAY DINNER
June 7, 2014
at the Barbara McNitt Ballroom
6:00 p.m. - 7:00 p.m. social hour
7:00 p.m. - 9:00 p.m. dinner

Have a story to share?
Public Affairs is constantly seeking interesting news and stories for Update NPS. Send your tips to pao@nps.edu.
On Campus this Month

June 7
Spring Awards Ceremony
3:00 p.m.
on the Quarterdeck

June 9
NWC Graduation Ceremony
3:00 p.m. - 4:00 p.m.
at the Barbara McNitt Ballroom

June 14-16
Final Exams

June 17
Spring Quarter Graduation
10:00 a.m. to 12:00 p.m.
at King Auditorium

June 21-23
Cyber Endeavour 2016

June 28
New Student Orientation
King Auditorium

Historical Highlights

A young NPS Senior lecturer and retired Navy Capt. Wayne Hughes, in his plebe year at the U.S. Naval Academy in Annapolis, Md., was afloat in the Atlantic Ocean aboard the USS Missouri on a 2-month voyage to England and Cuba during the summer of 1949.

In a journal entry from the voyage penned June 18, Hughes described a desire to see Westminster Abbey, the House of Commons, and Windsor Castle. In the same entry, he questioned whether or not he needed a pocket chess set, recalled the ghastly food, an absence of coffee, and a magnificent London skyline.

Upon reaching Guantanamo Bay, the “Mighty Mo” fired her 16-inch guns. Hughes, then a primer-man, did not see the blast, but nonetheless had an enduring experience after the gun recoiled within two feet of his face. The cruise ended on a somewhat higher note with the sailors playing baseball “under a very hot sun on an awful, stone-riddled field.”

Historical Highlights are provided by the Dudley Knox Library.