SECNAV, Fleet Leaders Praise Summer Quarter Grads

By MC2 Nathan K. Serpico

Recognizing the outstanding achievements of another graduating class, the Naval Postgraduate School celebrated its Summer Quarter graduates becoming alumni, Sept. 25. In a continuously evolving COVID-19 environment, this class adapted swiftly earlier in the year to implement remote learning and remained steadfast against its challenges completing the requirements for their rigorous academic and research programs.

In commencement remarks recorded prior to graduation day, Secretary of the Navy Kenneth J. Braithwaite congratulated the 295 graduates, including 24 international students from 13 countries, in highlighting and drawing similarities to obstacles that Adm. Arleigh Burke faced during the global flu pandemic of 1918 that curtailed his high school education, but not his spirit in attending the U.S. Naval Academy later that year, and ultimately graduating not just from the Academy, but also what later became NPS.

> *"The Naval Postgraduate School is a keystone of our Education for Seapower Strategy which will position our Naval force to dominate the cognitive age against all adversaries and challenges of the future. The American people sent you to this great institution as an investment. It's a mark of faith in your capability to deliver the next great innovation and forge the next historic partnerships with our allies around the world."*
>
> *–Secretary of the Navy Kenneth J. Braithwaite*

Braithwaite urged the graduates to keep in touch with their classmates, shipmates, and instructors as they move forward in their career.

"Work together to forge the breakthroughs that will help protect our people and preserve the rules-based international order that enables the prosperity of all of us," said Braithwaite.

Joining Braithwaite in applauding NPS' latest graduating class was Vice Adm. Lisa Franchetti, Deputy Chief of Naval Operations for Warfighting Development (OPNAV N7), who echoed Braithwaite regarding the great advantage an NPS education brings to the table.

"You may not fully realize how much you've learned and how much your thinking has been shaped by the NPS experience, but as a former Strike Group and Sixth Fleet Commander I can personally attest to the value NPS grads brought to the table every day," said Franchetti.

On the subject of perseverance, FEMA Administrator Peter Gaynor praised the graduates and acknowledged his homeland security colleagues among them for staying the course and completing their studies in face of a global pandemic and local wildfires.

"Your knowledge and leadership will help us create new policies and strategies to meet the challenges we face in this ever-changing world," said Gaynor. "All of us at FEMA honor the perseverance and commitment of your graduating class. We can't wait to see your NPS education in action. Thank you for serving your country, your states, and your local communities."

Visit the Summer Quarter Graduation website for special commencement videos and messages.

UPDATE NPS

NAVAL POSTGRADUATE SCHOOL

Domestic Violence Awareness Month

Hispanic Heritage Month

October 2020

Virtual, Hybrid JIFX Continues the Collaboration on Warfighter Challenges

By MC2 Tom Tonthat

Since 2002, Naval Postgraduate School (NPS) field research programs, such as the quarterly Joint Interagency Field Experimentation (JIFX) program, have had the primary goal of getting new innovative capabilities into the hands of the warfighter, faster. Not allowing the COVID-19 pandemic to slow this effort, NPS researchers modified JIFX 20-4 into a virtual, hybrid event that continued JIFX's long-standing tradition of connecting innovators from the military, academia and commercial industry to learn about emerging technologies and solve today's tough national security challenges.

Usually hosted at the NPS Field Lab at Camp Roberts, this event used online collaborative tools to bring approximately 230 technology experts from 50 private companies, five universities, and varied government agencies together, Sept. 14-18. The attendees participated in virtual seminars, workshops and panel discussions focused on experimentation, and working with the government. And, as always with JIFX, participants conducted live experimentation, with a focus on autonomous systems and cybersecurity tests of those systems, all while remaining in the virtual environment.

According to Dr. Ray Buettner, NPS Associate Professor of Information Sciences and JIFX Director, JIFX is an interdisciplinary and multi-institutional partnership where the best and brightest experts and entrepreneurs can get more educated regarding the challenges facing the warfighter, and the government can advance emerging technologies that can be quickly adapted for the warfighter.

"The current pandemic has not diminished the need to create shared understanding between the entrepreneurs creating emerging technologies, and the national security experts who will incorporate these technologies for the nation's defense," said Buettner. "The hybrid JIFX event demonstrated that the Naval Postgraduate School is able to continue to serve as an important intersection of knowledge exchange through the employment of the latest commercial and government communications tools."

Through the live discussions and meetings, attendees had the opportunity to network, learn how industry could work with NPS faculty and students conducting research, and demonstrate their own new capabilities during a virtual technology expo.

"The tech expo featured 36 videos showcasing emerging technology from industry and government," said Buettner. "We also showcased five videos of current Consortium for Robotics and Unmanned Systems Education and Research (CRUSER) projects to the participants so they could see NPS faculty and students at the forefront."

Organizers say the lead event for this hybrid JIFX, the virtual Combined Arms Collective Training Facility (CACTF) collaboration demonstration and discussion is a strong example of how JIFX connects academia, military and industry. CACTF Virtual Environment is data sharing and data blending program – built in partnership by NPS and Carnegie Mellon University (CMU) with data from the U.S. Geologic Survey – that shares and combines data from drones and unmanned sensors to provide a real-time operational picture for commanders for enhanced situational awareness.

Attendees gave their feedback and proposed ideas and potential directions for future collaborations. To some, coming to JIFX to be among peers can serve as a motivator for testing and brainstorming new ideas.

"JIFX is real world environment that takes technologies that seem to work in the lab and put them under stress that we normally wouldn't have at any university libraries," said Dr. Bob Iannucci, Distinguished Service Professor in CMU's Electrical and Computer Engineering department. "I've taken on projects that I think others probably wouldn't touch because there's a real-world aspect to teach that can't be studied on a whiteboard. It's got to be studied in the dirt and dust and the heat. JIFX provides a great way of shaking out new technologies. It's a particularly rich environment to seed ideas that then turn into projects that we test in subsequent JIFX events. It's an interactive working environment for professionals who are like-minded."

Buettner noted that one benefit of any JIFX event is that NPS gets to embed its faculty and students into this dynamic learning environment, but highlighted that this hybrid event signifies how JIFX has always served NPS well as an indicator of the technological direction the university needs to go in solving key operational problems for the Navy and the nation.

"This hybrid JIFX is not just a single adaptation due to the pandemic, but validating how NPS can collaborate more, and more efficiently, as we provide better insight into the future direction of technology and provide a unique educational experience for the future leaders of our Nation's military."

Footage from a virtual Combined Arms Collective Training Facility (CACTF) demonstration held during Naval Postgraduate School's (NPS) Joint Interagency Field Experimentation 20-4 (JIFX). The CACTF demonstrated the collaborative efforts of NPS, Carnegie Mellon University, Gantz-Mountain Intelligence Automation Systems, Inc. in developing a real-time operational picture for commanders. (U.S. Navy graphic by Andre Adams)

NPS Supports FVEY Efforts to Streamline Space Technologies

By Rebecca Hoag

The creation of Space Force has inspired a renewed interest in space systems research and innovation. In August, the Naval Postgraduate School (NPS) received funding from the DOD to lead a project to streamline space technology among Five Eye (FVEY) countries. The project, headed by NPS professors Giovanni Minelli and Wenschel Lan, involves sending up two CubeSats containing experimental technology created by NPS students and New Zealand researchers. The payloads must be ready to launch into orbit by 2022. Once in space, the payloads will communicate with NPS researchers in the new Radio Frequency (RF) Testing Lab that overlooks the Monterey Bay.

"The vision for all of this is that the countries have mutual space-based infrastructure and ground-based infrastructure," Minelli explains.

NPS is a primary leader in this field with its two Space Systems Master of Science programs, multiple certificate programs and the Space Systems Academic Group (SSAG). Since 1961, when NPS graduated its first astronauts, the Space Systems education programs have grown in size and intricacy. Not only do they involve understanding the physics behind launching and maintaining technology in orbit, but they also require understanding international diplomacy. To accommodate this, the Space Systems curriculum split into two majors: Space Systems Engineering and Space Systems Operations. The engineering program strictly focuses on building technical skills and knowledge surrounding military and Navy space systems, while the operations program encompasses military operations and applications in space.

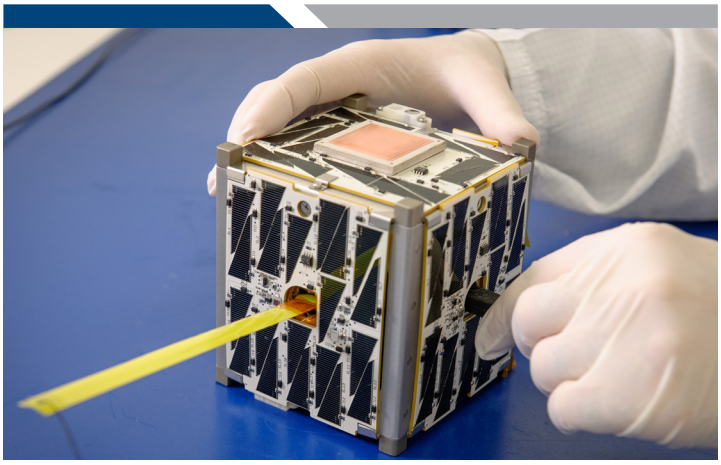
Students of both Space Systems majors often work together on hands-on research projects. This is true for the international CubeSat project. For example, one of Lan's engineering students, Navy Lt. Logan West, is completing his thesis work designing one of the payloads before he graduates and returns to the fleet in December. The payload has an X-band transmitter to begin the transition from congested traditional communication frequencies to X-band, which has better bandwidth and data range. West's work will be picked up by one of Lan's operations students, Navy Lt. Allyson Claybaugh, who will focus more on the ground-based receiver to make sure it properly communicates with the payload once it's in space.

"It'll just be cool to know that I had a direct hand in something that is going to launch," West says. "I will definitely be following up with Dr. Lan to make sure I know the status and how it's progressing."

Looking ahead, West hopes to one day see his name on the list of NPS alumni that become NASA astronauts … the university boasts more astronaut grads than any graduate school in the world. But beyond the pinnacle goal of space travel, most students in the Space Systems programs go on to work in a related field after graduation, and some even post payback tour. Regardless, all students are expected to bring back what they've learned to their respective services.

"The big-ticket item from my side is to bring that knowledge about space capabilities back to really smarten us [SEALS] up and figure out ways it can impact our domain," West explains.

Claybaugh works alongside fellow operations students Lt. Chris Brave and Lt. Anastasia Novosyolovablatt. Brave, who has a double majord in physics, is designing the next generation of terahertz imaging, which will have the capability to see through non-metallic solids that the sun illuminates.



A PhoneSat 2.5 CubeSat built at NASA's Ames Research Center. NPS plans to launch two CubeSats of their own experimental design as a project to streamline space technology among Five Eye countries. (Photo by NASA Ames)

"An interesting thing about the operations curriculum is that it gets technical, like hard science, but we also give them a flavor of the policy side because it's an important piece," Lan says.

Operations students take a course in the Department of National Security Affairs with renowned NPS Professor Clay Moltz to further their understanding of how space technology is used and how it could be incorporated into the rest of the U.S. military.

The International CubeSat project is meant to streamline FVEY technology so the FVEY countries can better work together in space. This involves using the same radio frequency, payload design and ground-based antennas among other things. NPS was one of the first sites to test out many of these industry standards.

Over the past few months, Minelli, Lan and their students have turned a large third-floor room at NPS into the official RF Lab. The space sits right under NPS' own antenna.

"This is our sandbox," Minelli says. "This is where we test them out."

NPS' Space Labs have also brought elements of space to its students, so they can properly test out their payloads. The CubeSat skeleton is 3D printed, so students don't have to start completely from scratch. They can carefully create their prototypes, using Raspberry Pi single-board computers in the clean room before testing them out in a variety of situations.

This project works with lower cost technology to start. Once FVEY countries better understand how to assimilate international hardware with FVEY standards, similar projects will use more advanced technology. NPS will continue to help lead this effort.

"In my opinion, NPS is one of the best space universities out there," West says. "They're really good at getting students hands on, interacting with designing systems from start to finish, figuring out everything about it and how to support it … I think they provide the best support I've ever seen from a university through applied research that comes back and directly benefits military members."

The Dialogue Continues – NPS Advances Inclusion and Diversity Discussions Virtually

By MC2 Nathan K. Serpico

NPS President retired Vice Adm. Ann Rondeau holds one of several candid dialogues with a group of NPS students addressing diversity, race and bias. The students - Navy Lt. Brandon Carter, Marine Maj. Matt Bowman, Navy Lt. J.D. Thomas and Air Force 1st Lt. Byron Wilson, from left to right - offer candid insights on inclusion and diversity issues, and how the university can lead in this critical moment in U.S. history. (U.S. Navy Photo by Dale Kuska)

The Naval Postgraduate School's (NPS) senior leadership hosted a virtual discussion with students and faculty on the topic of inclusion and diversity within the institution, Aug. 28. The forum provided updates and transparency on how the command addresses and handles these scenarios.

"Today is about conversation and about listening," said U.S. Navy Capt. Ed "Tick" McCabe, NPS Aviation Chair. "It's about having those uncomfortable conversations that are essential to forging a more inclusive force. Our mission is to create a culture where every person feels free to bring their unique perspective to bare on our most critical challenges and where that welcoming environment inspires innovation and the achievement of each individual's full potential."

The discussion started with NPS President retired Vice Adm. Ann Rondeau giving an overview of the first inclusion and diversity discussion held weeks prior and setting the stage for the current, noting her own involvement in the Navy-wide inclusion initiative, Task Force One Navy (TFON).

"I have the privilege of being put on to Rear Adm. Holsey's group, Task Force One Navy, which is a Chief of Naval Personnel-led program to understand our inclusion and diversity issues," commented Rondeau.

Group leaders took turns briefing the command about various subjects, like the annual command climate survey, NPS' Inclusion and Diversity Council, human resources and community outreach to local schools. Several leaders from the Monterey chapter of the National Naval Officers Association (NNOA) also spoke about their organization and its dedication to the recruitment, retention and professional development of a diverse officer corps for the sea services.

"Due to NPS' unique student body and in the spirit of inclusion, the NNOA Monterey chapter is looking to include all military branches, as well as junior enlisted personnel stationed at NPS," said NNOA Monterey chapter President U.S. Navy Lt. Brandon Carter. "Group cohesion is going to be a key factor."

The Monterey NNOA is also partnering with the Naval Junior Office Council, a junior officer run forum working with TFON as a one-stop shop that any command can reach out to and receive assistance for diversity, equity, and inclusion points of contact for research and marketing. Also, NPS' Center for Executive Education is developing an inclusive leadership seminar series that looks to create empathetic leaders by providing them with the necessary tools to sharpen their ability to effectively communicate, understand, and lead the diverse members of their future commands.

"The leadership piece has really been the centerpiece for our inclusion efforts," noted McCabe. "We understand that education is the key towards changing culture and changing people."

The meeting also provided a platform for Rondeau to introduce NPS' newest military faculty member U.S. Army Col. Joyce Stewart, who briefly spoke about what she has learned about inclusion and diversity during her 30-year military career.

"Sometimes it's not just the education, but the awareness and just understanding of what you need to do to position yourself to be ready for any opportunities that might be out there," said Stewart.

Following all prepared updates and remarks, Rondeau opened the floor for questions from any and all faculty and students in attendance. She addressed questions about the newly-formed TFON, current events in the realm of inclusion and diversity, and what an inclusive and diverse workplace would look like.

"One thing that NPS can do is be an exemplar of how we teach leadership and how we understand different points of view," stated Rondeau. "Diversity of thought is what we seek. If you look across our schools, our faculty and our students, there is a great deal of diverse thinking here. We also have a long list of theses and studies done by our students and faculty on this issue."

NSA Professor Rachel Sigman Honored With 2020 Hamming Teaching Award

By Rebecca Hoag

During her five years teaching at the Naval Postgraduate School (NPS), Dr. Rachel Sigman has given her all to her work and her students as a National Security Affairs (NSA) assistant professor. Her dedication was formally recognized this year when she received the 2020 Richard W. Hamming Award for Teaching.

"First, I was very shocked to have won!" Sigman says. "But once I got over the shock, I thought to myself how much I have benefitted from the many dedicated and skilled educators at NPS and especially in the National Security Affairs department; and how grateful I am to work in such an environment."

According to the Hamming Award citation, Sigman works to meet students where they're at and helps them reach their goals in the NSA field. She does this through designing course content to fit her students' interests and needs, and providing extensive feedback on assignments.

Outside the classroom, Sigman tirelessly works as a thesis advisor to a large number of students. She is known for her diligent work ethic, and consistently encourages deserving students to publish their work. She continues to keep up with her graduated students too, having met with some on trips to Africa, Germany and Washington.

"I strongly believe that providing meaningful and fulfilling research experiences for students is the best way to inspire curiosity that will endure past their time at NPS," Sigman says. "I have therefore sought out avenues to enrich students' research experiences while they are at NPS, including getting them engaged in sponsored research, facilitating opportunities for students to conduct field research in Africa, and helping students get their work published."

In addition to being passionate about her students, Sigman is also passionate about teaching about Africa. She describes her job as helping students learn to cope with uncertainty and to be open to new experiences.

"There are a lot of misconceptions about [Africa] and all its diversity. It's extremely important to me to find effective ways to alter any misconceptions; and to be honest with students about the many uncertainties and complexities that we encounter when studying African countries," Sigman said.

Sigman has also worked to better the Navy and DOD educational programs by delivering lectures for the Navy's Foreign Area Officers (FAO) II AFRICOM course, designing and delivering modules on African politics and economics for the Defense Security Cooperation University's Regional Certification course, spoken to the Defense Language Institute (DLI)'s FAO seminar series and lecturing for the Defense Contract Audit Agency Leadership Course.

Department of National Security Affairs Asst. Professor Rachel Sigman's work ethic and commitment to student success led to her selection as the 2020 recipient of the university's annual Richard W. Hamming Award for Teaching. (U.S. Navy video by Javier Chagoya)

CAMPUS
news & notes

NPS will launch a distance learning graduate certificate in Great Power Competition (GPC), with its first cohort starting January 2021.

"NPS holds a key role as the United States Navy's premier graduate institution to educate the force," said Cmdr. Paul Rasmussen, National Security Affairs (NSA) Program Officer.

He added that this certificate contributes to broad Navy efforts to ensure that the officer corps is educated effectively in GPC to help Naval leadership better understand how we need to shape our tactics, policies and procedures moving forward.

The COVID-19 environment, and the subsequent increased use of distance learning coursework has enabled NPS to expand its portfolio of distance learning programs. Resident professors have rapidly learned new ways to teach and reach students beyond the Monterey classrooms.

As detailed in Great Power Competition Distance Learning communications to the fleet, the certificate consists of four courses: GPC in Modern History, Current GPC Policy and Strategy, Russian Domestic Politics, and Chinese Domestic Politics. Students who complete this certificate can later apply these credits towards an NPS in-residence degree. According to Rasmussen, it's an attractive option for officers in under-represented designators at NPS, like aviation, who do not typically have time in their career track to come to Monterey.

For more information on the program, and to submit an application package, contact NSA Program Officer Cmdr. Paul Rasmussen at nsaprogramofficer@nps.edu.

Send your campus news and notes to update@nps.edu.

How-to Book on the Craft of Wargaming Hits the Streets

By Javier Chagoya

Naval Postgraduate School (NPS) scholars in the field of wargaming have authored a seminal work that lays out a detailed planning guide for defense planners and analysts in a new book, "The Craft of Wargaming."

The book is co-authored by NPS Senior Lecturer retired Army Col. Jeff Appleget, NPS Associate Professor retired Army Col. Robert Burks and internationally-recognized Operations Research Analyst Fred Cameron. These three authorities bring more than 100 years of wargaming knowledge to an ever-expanding cadre of wargaming professionals.

The book is designed to support defense planners and analysts on their journey from wargaming apprentice to journeyman, with topics of particular interest to commercial wargamers. With its focus on design and development, the book serves a primer for initiates to senior commanders seeking to advance their knowledge and understanding of the wargaming field.

So far, the work has been well received.

"A coherent and comprehensive guide that is essential reading for any practitioner of professional wargames," says Graham Longley-Brown, author of the "UK Ministry of Defense Wargaming Handbook and Successful Professional Wargames."

Lt. Gen. Michael K. Jeffery of the Canadian Army called the new book, "A must read for any military leader sponsoring or developing analytical wargames."

Appleget's colleague, friend and mentor, NPS Professor of Practice retired Navy Capt. Jeff Kline, Director of the new Naval Warfare Studies Institute (NWSI), provided impetus for the book's creation, suggesting the effort be geared to real-world problem solving for real-world sponsors.

"There's a lot of books about wargaming but there's not many about how to do wargaming – that's what this book is about," said Kline.

Appleget says he and his coauthors took advantage of countless lessons learned through the activity of the university's Wargaming Activity Hub, which Appleget leads. In just about every case, students are guided through the execution of a sponsored wargame, and the game must be structured to meet the sponsor objectives.

It was in 2014 that Appleget credits inspiration for his book from then Deputy Secretary of Defense Robert O. Work, because of his call to further the design and implementation of wargaming throughout the DOD.

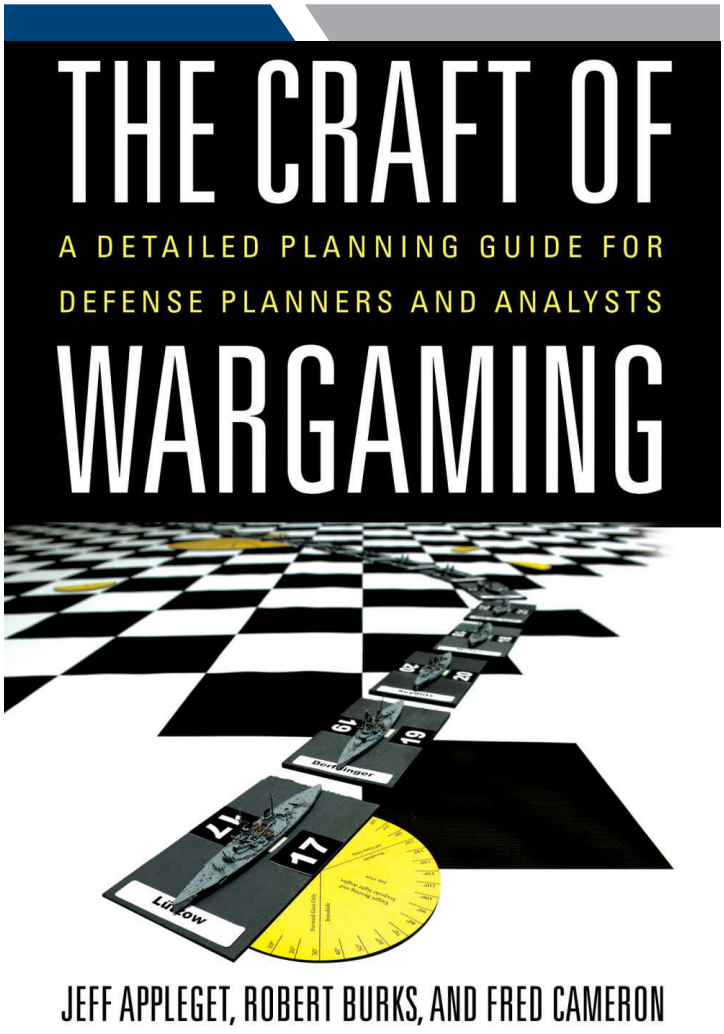
"At the time, Bob Work set out to re-invigorate wargaming in DOD, which was a great call as it was much needed," said Appleget. "But it became clear in the months and years that followed that there were a lot of different ideas of what DOD wargaming was, and what it should strive to be.

"Peter Perla had a great foundational book out there, 'The Art of Wargaming' written in 1990 that I read cover to cover before I designed the NPS wargaming course in 2009," Appleget continued. "I adopted the general structure for wargaming design, the seven elements of a wargame, as well as many other gems, from the second part of Peter's book."

To date, Appleget has mentored over 90 NPS student team wargames and continues to learn in each matriculation he teaches the wargaming course.

"One critical takeaway that both apprentices and seasoned warriors need to take from our book is the idea of defining the problem correctly," said Appleget. "After over 30 years of serving as an Army analyst and after working with 70-plus sponsors here at NPS, we can guarantee you that no one walks away from an initial interaction with a sponsor with a clear vision of what the sponsor wants.

"Many times, the sponsor is seeking help understanding his or her own problem," he added. "Today's world is so complex, and our technology is so advanced that the sponsor and the wargaming team need to communicate in a structured way several different times to ensure they have a common azimuth for the wargame's creation."

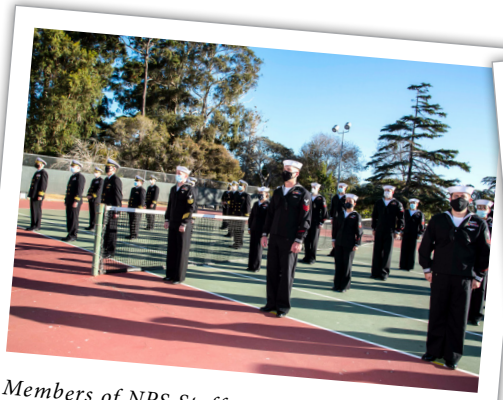


A new book, "The Craft of Wargaming," aggregates the combined expertise of three longtime experts in the development and execution of wargaming. Retired Army Cols. Jeff Appleget and Robert Burks of the NPS Dept. of Operations Research, along with internationally-recognized analyst Fred Cameron bring more than 100 years of wargaming knowledge to the seminal text. (Courtesy image)

Any Day at NPS

The career and contributions of Naval Support Activity Monterey (NSAM) Commanding Officer (CO) Capt. Rich Wiley – pictured center with family – were recognized during a small ceremony, Sept. 1, serving to both honor Wiley's retirement and welcome new NSAM CO Capt. Paul Dale. (U.S. Navy photo by Javier Chagoya)

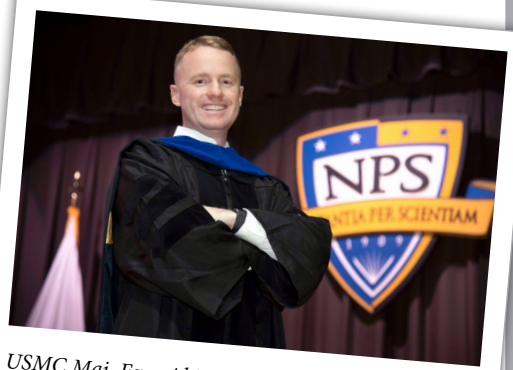
Capt. Paul Dale, left, gives a speech as the oncoming Naval Support Activity Monterey's (NSAM) Commanding Officer (CO) during Capt. Rich Wiley's retirement ceremony, Sept. 1. (U.S. Navy photo by Javier Chagoya)



Members of NPS Staff stand in socially distant formation in preparation for an annual dress blue uniform inspection held at the tennis court, Sept. 24. (U.S. Navy photo by Javier Chagoya)

NPS Chief of Staff Capt. Philip Old, left, examines an NPS Staff officer's uniform during a dress blue uniform inspection held at the tennis court, Sept. 24. (U.S. Navy photo by Javier Chagoya)

Lt. Cmdr. Ashley Scott Myers McAbee, center, is joined by her dissertation advisors and university leadership for the traditional hooding ceremony in King Hall, Aug. 19. The hooding ceremony celebrated McAbee's completion of her Ph.D. in Philosophy in Electrical Engineering. (U.S. Navy photo by Javier Chagoya)



USMC Maj. Ezra Akin, Ph.D., stands on the stage of King Hall after his hooding ceremony, Sept. 11. Akin is the first student to graduate from NPS' Marine Corps Doctor of Philosophy Technical Program. (U.S. Navy photo by Javier Chagoya)

FACULTY
news & notes

Acting Provost and Academic Dean Rob Dell announced Professor Alex Bordetsky from the Information Sciences (IS) Department will assume the duties of Chair of the Information Sciences Department, effective Oct. 1.

"I extend my thank you to Professor Tom Housel, who has been serving as Acting Chair since March 2020 while Professor Dan Boger has been serving as Acting GSOIS Dean," wrote Dell in the announcement email. "Professor Boger has been an outstanding leader of IS as its chair for the past 19 years. I am confident that under Professor Bordetsky's leadership, the IS Department will continue its contributions to NPS, the Navy, and the DOD."

The career and contributions of NSAM Commanding Officer (CO) Navy Capt. Rich Wiley were recognized during his retirement ceremony held in the Tower Room of NPS' Herrmann Hall, Sept. 1.

Wiley's accomplishments included negotiating and managing $55 million in structural and interior renovations to Herrmann Hall, the biennial $15 million used for academic building improvements, and improving water and energy conservation, achieving the Secretary of the Navy's Gold rating.

The small, socially-distanced ceremony attended by family and a few staff honored Wiley's retirement while welcoming the new NSAM CO Capt. Paul Dale.

Asked what his immediate plans for retirement are, Wiley answered, "Plenty of golf, duck hunting and squaring away a J-O-B!"

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

The Naval Postgraduate School proudly presents

THE SECRETARY OF THE NAVY GUEST LECTURE SERIES

In Collaboration with the Naval Education Enterprise

Lt. Gen. John N.T. "Jack" Shanahan (ret.)
Nand Mulchandani

"Harnessing AI for National Security"

13 OCT 10:00 (PACIFIC)

Lt. Gen. John N.T. "Jack" Shanahan retired from active duty August 1st 2020 and was the inaugural Director, Joint Artificial Intelligence Center, Office of the Department of Defense responsible for accelerating the delivery of AI-enabled capabilities, scaling the department-wide impact of AI, and synchronizing AI activities to expand joint force advantages. Lt. Gen. Shanahan received his commission in 1984 as a distinguished graduate of the ROTC program at the University of Michigan. He served in a variety of flying, staff and command assignments, including as the Director for Defense Intelligence (Warfighter Support), Office of the Under Secretary of Defense for Intelligence.

Nand Mulchandani serves as the Acting Director of the U.S. Department of Defense Joint Artificial Intelligence Center. Mulchandani brings more than 25 years of experience in the technology industry as a serial entrepreneur and senior executive in the enterprise infrastructure and security software industries to his service in the government to help transform the Department of Defense in adopting next-generation AI and software technologies. Mulchandani holds a Master in Science in Management from the Stanford University Graduate School of Business, and a Master of Public Administration from the Kennedy School of Government at Harvard University.

Secretary of the Navy Guest Lecture series page
www.nps.edu/sgls

Viewing link here
www.nps.edu/web/video

NPS
PRAESTANTIA PER SCIENTIAM
1909

On campus this month

October 12

Columbus Day

October 13

V-SGL with Lt. Gen. John Shanahan and Nand Mulchandani
10:00 a.m.
Online

October 31

Navy Life at Home
Please visit NavyLifeSW online for more.

NPS is now on Instagram!

www.instagram.com/nps_monterey/