



DANIEL K. INOUE ASIA-PACIFIC CENTER FOR SECURITY STUDIES

CURRENTS





CELEBRATING 25 YEARS

Aloha and Hafa Adai!

I hope this note finds you and yours safe and well. To say 2020 has been a tumultuous year so far is an understatement. For our Center, these past months have been made difficult not only due to the challenges caused by the coronavirus pandemic, but also due to the sad loss of our former APCSS President, retired USMC Lt.Gen. Hank C. Stakepole, and a key supporter, Mrs. Irene Hirono Inouye. Yes, this past year does cause us to reflect on how we got here, what we're doing now, and how the past and present will significantly influence where we go. In short, Hindsight, Insight, and Foresight. This past year definitely makes me appreciate what we had, marvel at the adaptability of what we are doing today, and hopeful with the potential opportunities the future brings with what we've learned.

This important observation is a good segue to a brighter note, the 25th Anniversary of the Daniel K. Inouye Asia-Pacific Center for Security Studies. I wish we could have gathered at our lanai with our families and friends to celebrate this momentous occasion. Twenty-five years ago, our institution embarked on this remarkable journey of educating, connecting, and empowering folks out in the region to make a positive difference working together. It certainly has and I'd like to express my sincerest thank you to all of you, our alumni, our stakeholders, and, most importantly, the DKI APCSS team, past and present, for your commitment to our mission and to each other. You are all part of an amazing legacy of professionals that have worked diligently and inspiringly for a greater collective purpose of making our world more inclusive, free and secure.

As I look out to the future, now more than ever, our world needs a place like DKI APCSS to come together, build understanding, foster relationships, and come away with mutual, innovative solutions. It's our time to carry the baton forward and I'm honored to be part of this journey with you.



DKI APCSS Director Pete Gumataotao hosts the center's 25th anniversary celebration

In addition to my thanks, I'd like to give you an update on some of our accomplishments over the last few months:

REGIONAL SECURITY PRACTITIONER ENGAGEMENT.

Our ability to engage with our regional partners in the virtual domain serves for now as our primary means of educating, connecting, and empowering our security practitioners. In addition to the events, the Alumni Influencers webinar series occurs weekly to strengthen the alumni network, while working to enhance DKI APCSS image as the go-to place for in-depth knowledge and timely information. In the last 30 days, we completed over a dozen engagements involving nearly 30 different countries in the region. (*see page 27*)

OTHER REGIONAL ENGAGEMENT.

Operating primarily in virtual mode has not only opened greater access to our Security Practitioners abroad but also increased our interaction with our mission stakeholders – our higher DoD headquarters commands, the Department of State, and our U.S. Embassies in the region. We briefed our FY 21/22 Programs to key mission stakeholder principles. The Center also hosted a remarkable webinar for Principal Deputy Assistant Secretary of Defense for Indo-Pacific Security Affairs Dave Helvey (IPSA) along with his counterparts from Japan and Australia. We are currently collaborating with a number of organizations to provide webinars and other virtual meetings. (*see page 27*)

SOCIAL MEDIA AND PUBLICATIONS ENGAGEMENT.

We continue to engage through social media on Facebook, Instagram, LinkedIn, Twitter, and YouTube. Faculty continue to publish relevant, timely content through our DKI APCSS Security Nexus journal and our WPS and CTGo! podcasts. (*see page 30*)

FACILITIES UPGRADES.

We continue to capitalize on the reduced activity at our Center by pursuing much-needed upgrades to infrastructure and technology. We are learning and adapting to this COVID environment. I believe we can do more to enhance engagement opportunities with security practitioners. Some recent updates include

- Installation of our new wireless infrastructure
- Center infrastructure configuration to support working in a COVID environment (e.g., COVID informational signs, automated check-in/out systems; ventilation refresh, plenary and seminar spaces configured to support physical distancing, etc.).

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ON THE COVER

The theme for this issue of Currents is “Hindsight, Insight, Foresight,” in celebration of DKI APCSS’ 25th Anniversary. Read Director Gumataotao’s inspirational thoughts of the past, present and future at DKI APCSS and how we’re expanding into the virtual domain because of the COVID-19 pandemic on pg. 3. See how Secretary of Defense Dr. Mark T. Esper helped DKI APCSS celebrate the Center’s 25th Anniversary, including a congratulatory message from Adm. Davidson, USINDOPACOM on pg. 6, and personal perspectives of long-time Center employees on pg. 23.



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Contact Information - Questions or comments can be addressed by phone (808) 971-8916 or email to pao@apcss.org. Our mailing address is Daniel K. Inouye Asia-Pacific Center for Security Studies, Public Affairs Office, 2058 Maluhia Road, Honolulu, HI 96815

U.S. INDO-PACIFIC COMMANDER'S MESSAGE

TO THE DKI APCSS TEAM
AND ALUMNI AROUND THE
WORLD,

Congratulations to the past and present staff and esteemed alumni on the celebration of the 25th anniversary of the establishment of the Daniel K. Inouye Asia-Pacific Center for Security Studies. The Center's legacy in educating, connecting, and empowering security practitioners throughout the Indo-Pacific and the world is widely renowned, and a testament of the value of the Center to the security, stability, and prosperity of our region.

This vital organization is the only place in the Indo-Pacific where whole-of-government participants can routinely gather for multi-national discussions on regional issues. The professionals that work at the DKI APCSS have been instrumental in bringing together these leaders from around the

world to address regional and global security issues, enhance security cooperation, and collectively work on special projects, which have both national and international effects. Through this work, you are building and fostering relationships out of trust and confidence between leaders, and creating a space for them to collaborate on the issues of governance, crisis management, transnational security, and much more.

DKI APCSS has been critical to Indo-Pacific Command's mission since it was established as the Asia-Pacific Center for Security Studies in 1995. And every year, as the nature of regional and global threats change, the core values that the Center teaches become more important.

The significant contributions of the Daniel K. Inouye Asia-Pacific Center for Security Studies have created a lasting legacy of strength, freedom, and prosperity, which is exemplified in each of the 13,000 alumni



Photo by Mass Communication Specialist
2nd Class Anthony J. Rivera

from more than 100 nations. Thank you for your honorable service and immeasurable accomplishments. I wish you continued success.

Sincerely,
P. S. DAVIDSON
Admiral, U.S. Navy
Commander, U.S. Indo-Pacific Command

CONSULAR CORPS OF HAWAII AWARD

In February, our Center, along with the Foundation for the DKI APCSS, was awarded the 2019 Consular Corps of Hawaii Distinguished Service award for the exceptional work done to promote collaboration and mutual understanding throughout the region. The Foundation members are from Hawaii's business community and from the very beginning of the Center's establishment have committed to support its existence and operations here in our State. It truly has been a great partnership with the Foundation and it's only fitting that both organizations were recognized on our collaborative efforts to promote stability in the region. A very special recognition should go to Lt. Gen. Hank C. Stackpole who was an early leader of the Center and helped to build the foundation of what it is today. We thank the Consular Corps of Hawaii for this special award and renew our commitment of the Center and its contributions to Hawaii and beyond.

This award caps off a tremendous year of success in 2019 and our DKI APCSS team has earned this prestigious award many times over through persistent commitment towards educating, connecting, and empowering with a spirit of collaboration and attitude of aloha.

I am so proud of all of you. Keep living Ike Pono one small Aloha step at a time.

- from DKI APCSS Director Pete Gumataotao



Pictured left to right are Jeffrey Lau, Honorary Consul of Belgium; Lt. Gen. (Ret.) Hank Stackpole, former Director of DKI APCSS and Chairman of Board of Directors for the Foundation; Gerald Sumida, President of the Foundation for DKI APCSS; DKI APCSS Director Pete Gumataotao; John Henry Felix Honorary Vice Consul of Spain and Hans Strasser Consul Emeritus (Austria).

Editor's note: Regretfully, after receiving this award, Lt. Gen. Stackpole passed away in late May.

REGIONAL ENGAGEMENT



DKI APCSS Director Pete Gumataotao (2nd from left) and Prof. Shyam Tekwani (far right) met with the Honorable Earl Miller, U.S. Ambassador to Bangladesh (3rd from right) at the ambassador's home to discuss a proposed workshop in mid-January in Dhaka. This was the second leg of a trip to New Delhi to attend the 5th Raisina Dialogue (Jan. 14-16), a multilateral conference, organized by the Government of India, Ministry of External Affairs (MEA) and India's premier think tank, Delhi-based Observer Research Foundation (ORF).



In February, Director Gumataotao traveled to New Zealand to meet with NZDF Command and Staff College to expand strategic relationships and understandings. Here, he poses for a group photo with course members at the New Zealand Defence Force Command and Staff College. Pictured are: Mr. Terry Slattery (DKI APCSS), Maj. Alexander Abate (USMC and CSC US Student), CSC Commandant Wing Cmdr. Aaron "AJ" Young (AP17-3), DKI APCSS Director Pete Gumataotao, Deputy Policy Commissioner Pelenatita "Titi" Feao (Tonga, TSC17-2 & CCM16-1), and USMC Maj. Andy Lake (US Embassy Wellington). Director Gumataotao also stopped in Australia to examine future program and relationship opportunities (Courses, Workshops, Visits, Fellows Projects) and to discuss memorandum of understanding (MOU) partnerships and future options for the Australian Alumni Association.



Director Gumataotao spoke to the Pacific Islands Chiefs of Police (PICP) Executive Leadership Team at the Australian Institute of Police Management (AIPM) in February. The 30 participants also included alumni: Commissioner Sitiveni Qiliho (Fiji/EC03-2), Commissioner Iven Notte (Nauru/EC03-2), & Deputy Commissioner Rusiate Tudravu (Fiji/CS13-1).



While in New Zealand, Director Gumataotao also met with (l-r) - David MacGregor, PICP Executive Coordinator; Glyn Rowland, PICP Acting Executive Director; and Colonel Jamie McAden (ORA16-4), Defense Attaché at the US Embassy in Wellington.

DKI APCSS ACHIEVES CANDIDATE STATUS FOR ACCREDITATION

The Daniel K. Inouye Asia-Pacific Center for Security Studies is a Candidate for Accreditation with the Commission of the Council on Occupational Education. The Council on Occupational Education is a U.S. Department of Education recognized national accrediting body. Accreditation is a rigorous process of self- and peer-review for improvement of academic quality and public accountability. DKI APCSS is dedicated to being a recognized and respected institutional partner in delivering practical outcomes that enhance security sector capacity and cooperation in the Indo-Pacific.



DKI APCSS BEACH CLEANUP

More than 40 DKI APCSS staff, faculty, and family members demonstrated their appreciation and gratitude for the beauty of the surrounding neighborhood in Waikiki by sacrificing two hours of free time in the afternoon on Feb. 28 to clean up trash around and near the perimeter of the Center. They walked from

the Center, crossing over Fort DeRussy park toward the U.S. Army Museum of Hawaii and the Waikiki Beach before looping back on Kalia Road, then around the Hale Koa parking garage. A total of 92 pounds of garbage was collected by the team. According to Regional Engagement Operations Coordinator Mick Jinapongpichart, who coordinat-

ed the cleanup, "The project aims to reconnect with and do something nice in return to our beautiful Hawaii community. Also, it serves as the opportunity for the people of DKI APCSS to come outside of their working environment and do something fun and positive together to nurture a sense of friendship and camaraderie among the team."



“We will miss you Hank and as evident from the reflections by those that served with you at our Center – you were already light-years ahead in living Ike Pono one small Aloha step at a time. Semper Fi Hank, Semper Fi Marine!”

– Director Pete Gumataotao,
In a statement to Center employees

STATEMENT ON THE PASSING OF LT. GEN. HANK STACKPOLE, USMC (RET.)

We are very saddened by the news of the passing of retired U.S. Marine Corp Lt. Gen. Henry “Hank” C. Stackpole on May 29, 2020. He served as the President of the Asia-Pacific Center for Security Studies (1998-2005) and most recently as a Chair of the Foundation for the Daniel K. Inouye Asia-Pacific Center for Security Studies.

Before his time at the Center, Lt. Gen. Stackpole honorably served in the Marine Corps for 37 years and was the recipient of many distinguished awards to include the Silver Star, Legion of Merit and the Defense Superior Service Medals. A Princeton Alumnus, Hank held numerous commands in the Marine Corps to include Commander of Marine Forces Pacific and Fleet Marine Force and the Joint Task Force Sea Angel.

Our deepest condolences to Mrs. Vivien Stackpole, his wife of more than 55 years. Our thoughts and prayers for her loss.

A number of staff members who served with him at the Center while he was the Director shared their thoughts on how they remember him:

“When I think of Lt. Gen. Stackpole, I see a leader with grace.”

“I have the highest respect for Lt. Gen. Stackpole. I saw a man who would fight to the death for his people.”

“Something you may not know about Lt. Gen. Stackpole, he did such an awesome job as the JTF Commander for Operation Sea Angel that the people from Bangladesh named a school after him!”

“While at Princeton, he excelled in football and baseball. I remember how well he spoke and I asked him about that one day. He said it came from the time he was at Princeton and was a sports announcer for their hockey and basketball games.”

“He was a great leader who was never afraid to speak his mind and always had the courage to tell the truth no matter what the consequences.”

“He was a good mentor and a great guy for the Center. He set the standards in the beginning. A super nice guy who wanted to always do the right thing. He understood the value of the Center’s unique role in building relationships with international partners. He was big in developing these relationships face-to-face.”

“Last awesome reflection on Hank by one of our ohana – he was actually listed Killed in Action (KIA) during his time in Vietnam. A Chaplain noticed a hand twitch from one of the cadavers in the morgue. After closer inspection, they realized that the person was alive. That person was CAPT Hank Stackpole, USMC! That Marine recovered, continued to serve and ended up getting 3 Stars. I didn’t hear that story from General Stackpole, I heard it from a Medal of Honor winner who was singling Hank Stackpole out at a Memorial Day service. ... Hank got a standing ovation.”

DKI APCSS EMPLOYEES HONORED BY THE FEDERAL EXECUTIVE BOARD

Five employees and one departmental team of the Daniel K. Inouye Asia-Pacific Center for Security Studies were honored May 7 by Center leadership for being recognized by the Honolulu – Pacific Federal Executive Board (HPFEB).

Because of the COVID-19 restrictions, DKI APCSS held a virtual ceremony online during an “All Hands” webinar.

DKI APCSS Director Pete Gumataotao, Deputy Director Jim Hirai, and nearly 130 employees were on hand to congratulate and support their team.

“Every year we recognize within our Center some incredible folks who are role models, and I really appreciate all the supervisors and leaders who take the time to nominate their people,” said Director Gumataotao from his home telework station. “I wish we could submit more names because there are so many folks who do so much for our Center.”

For over 60 years, outstanding federal employees working in Honolulu – Pacific Federal Executive Board (HPFEB) agencies have been recognized at an annual awards ceremony. The ceremony is normally held jointly with an EXPO, where federal benefit and other partners staff booths to educate employees on their offerings and, benefits and corresponds to Public Service Employee Recognition Week, nationally.

The HPFEB uses this event to:

- Celebrate the innovation and quality of work performed by employees by honoring and presenting awards in seven categories.
- Learn about other agencies’ best practices.
- Promote the excellent work of federal agencies.

Each awardee is recognized with a certificate by a local military or government leader. Each FEB agency may nominate one candidate for each of the seven award categories (the Team Excellence Category typically includes multiple awardees). There is no selection board at the FEB level. Selections are prioritized at the agency level when nominations are submitted.

The DKI APCSS award recipients have diverse skill sets and talents, but teamwork is the common thread that runs throughout the organization.



**Federal Leader/Supervisor/
Manager of the Year**
Air Force Col. Timothy Farr



**Federal Employee of the Year
(Professional, Administrative,
and Technical)**
Ms. Robin Burrell



**Federal Employee of the Year
(Clerical and Assistant)**
Ms. Ebony Johnson-Beckford



Exceptional Community Service
Air Force Tech Sgt.
Alicia Clark (Travel)



Mentor of the Year
Dr. Deon Canyon (CSS)



Team Excellence - College of Security Studies, led by Dean Carleton Cramer

- Looking ahead in facilities, we are completing this month the installation of a new video display in the auditorium;
- Soon we will be moving ahead with the replacement of our carpeting throughout the Center as well as some upgrades to our lanai.

DKI APCSS 25th Anniversary – early on in the planning of our 25th Anniversary commemoration activities, the decision to conduct a series of events proved fortuitous operating under a restrictive COVID-19 environment for a majority of this year. The Anniversary Committee came up with a great theme: “Hindsight, Insight, Foresight: Celebrating a Legacy to Educate, Connect, and Empower.” Our folks also took advantage of the concurrent planning being done for the 75th Anniversary marking the end of WWII. Our team:

- Conducted the third DKI APCSS Speaker Series with Secretary of Defense Mark Esper as our featured speaker. Incidentally, our team also supported a Secretary of Defense virtual bilateral meeting



with Singapore, and hosted a visit to the center by Mrs. Esper.

- Published our newest book, “Hindsight, Insight, Foresight,” edited by Dr. Alex Vuving. It is available to download from our website at www.apcss.org
- Scheduled to host a virtual “Hindsight, Insight, Foresight” workshop at the end of September led by Dr. Beth Kunce.

This coming year will be a period of transition due to the uncertainty of COVID but also since we are evolving our educating, connecting, and empowering efforts to be a hybrid version of what we’ve been doing

and to incorporate a more comprehensive and agile construct. I’m excited with what our faculty are innovatively looking at to continue to improve our ability to connect and engage. I’m excited about the possibilities ahead, what we will learn and how we can apply that no matter what the challenges that lie ahead.

E Malama Pono and Malama Kekahi i Kekahi
(Take care of yourself and take care of one another).

Director, Daniel K. Inouye Asia-Pacific
Center for Security Studies



STATEMENT ON THE PASSING OF IRENE HIRANO INOUE

We were saddened by the news of Irene Hirano Inouye’s passing on April 7th, 2020.

Irene has shown tremendous support to the Daniel K. Inouye Asia-Pacific Center for Security Studies over the years. As a valuable partner in our Daniel K. Inouye Speaker Series program, she was a key supporter of the program that was created to promote the legacy of her late husband, Sen. Inouye.

“We at the Center are so grateful for her enduring support throughout the years,” said DKI APCSS Director Pete Gumataotao. “We were honored that she was able to be here at last year’s inaugural DKI APCSS Speaker Series event. We will

keep her, the Inouye family, and all those very close to Senator and Mrs. Inouye in our thoughts and prayers.”

Irene, through the Daniel K. Inouye Institute (DKII), supported the Center’s Regional Security Studies Intern Program and was on hand when the Center officially changed its name in honor of her late husband. Afterward, she donated a number of the Senator’s personal items to help create a memorial display at the Center.

“We will miss her warmth, friendship, and her tireless commitment to building international cooperation,” concluded Gumataotao.



Women attending a course at DKI APCSS.

DKI APCSS faculty members wrote the following articles and papers in their capacity as subject matter experts. The views expressed in these articles are those of the authors and do not necessarily represent those of the Department of Defense or the U.S. Government.

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WOMEN, PEACE & SECURITY: 20-YEAR PROGRESS CHECK
.....

COMBATING ILLEGAL FISHING USING TECHNOLOGY
.....

NATO INNOVATION IN ACTION
.....

APPLYING A SCIENTIFIC APPROACH TO SECURITY
.....

WOMEN, PEACE & SECURITY: 20-YEAR PROGRESS CHECK



by Inez Miyamoto, Ph.D.

This year marks the 20th anniversary of the United Nations (UN) Security Council Resolution 1325, also known as the Women, Peace, and Security (WPS) agenda. The WPS agenda provides a framework for pursuing gender equality and the empowerment of women and girls. Given that UN Security Council Resolution 1325 was unanimously adopted by member states, the world had high expectations for gender equality. However, 20 years later, the international community's good intentions have not been fully realized.

The WPS agenda calls for member states to increase women's representation at all decision-making levels of government. Currently, women are leading 10% of states (19 of 193), according to the Council on Foreign Relations' Women and Foreign Policy Program. Since 2000, 89 women became heads of state, double the number between 1960 and 1999, according to Farida Jalalzai in *The Conversation*. Women also hold 25% of global parliamentary seats

(11,474 of 45,829 seats), which is up from 13.4% (5,260 of 40,256) in 2000, according to Inter-Parliamentary Union. While there is visible progress in women's participation in governance and the political process, women are still underrepresented.

Member states demonstrate their political will by operationalizing UN Security Council Resolution 1325 obligations into national action plans (NAPs). To date, 43% of member states (83 of 193 states) have adopted WPS NAPs. Some states even appoint WPS or gender-equality leaders as ambassadors or special envoys to lead their strategies. Another way that states demonstrate their political will is through resource allocation. However, many of the NAPs lack budgets, thereby preventing any meaningful execution of the national strategies. Only 33% of the WPS NAPs (28 of 83 states) allocated a budget at adoption, according to Women's International League for Peace and Freedom, a non-governmental, women's peace organization.

The challenge with resource allocation is evident at the international level too. For example, UN Women is a UN entity working for the empowerment of women. It does not receive UN core funding resources, so it is dependent on the voluntary financial contributions of member states. The lack of direct funding from the UN hampers UN Women's efforts to set its priorities and sustain long-term projects, according to Vanessa Newby in *The Strategist*.

The challenge with political will is also noticeable in multilateral peace operations. The UN Secretary-General António Guterres noted in 2019 that women troops' presence results in lower incidents of sexual exploita-

tion and abuse, and higher reporting of sexual and gender-based violence. Nevertheless, women's participation in the peace process is meager. According to UN Women, between 1992 and 2018, women played a limited role in significant peace processes: 13% as negotiators, 4% as signatories, and 3% as mediators. And, only 5% of uniformed military, police, and justice service personnel were women, according to a UN report, *Uniformed Gender Parity Strategy 2018-2028*. The UN attributes the low numbers to the policies and practices of member states and of the UN.

In the *Global Gender Gap Report 2020*, the World Economic Forum estimated that it would take a century to close the global gender gap. It is clear that the international community must take bolder action to achieve the WPS agenda. While women's representation in the political process contributes to change, it is not enough. As outlined above, the transformation must start with political will and resource allocation.

DKI APCSS continues to promote WPS through its courses, workshops, and dialogues. The Center is partnering with U.S. Indo-Pacific Command's WPS Team by authoring gender articles and video/podcasts to inform the region on WPS. Additionally, the Center recently interviewed Shanchita Haque, a minister with the Permanent Mission of Bangladesh to the United Nations, on "the role of women in leadership" as part of its WPS Leadership Series. Videos of various interviews are available on the DKI APCSS's website under the "Programs" tab.



by Inez Miyamoto, Ph.D.

COMBATING ILLEGAL FISHING USING TECHNOLOGY

Illegal, unreported, and unregulated (IUU) fishing is a global issue threatening national and regional food and environmental security. According to the Food and Agriculture Organization (FAO) of the United Nations, IUU fishing results in annual losses of USD 10-23 billion. IUU fishing also intersects with other transnational crimes such as document fraud, money laundering, piracy, and human or drug trafficking. Fisheries-related crimes are difficult to enforce because of overlapping inter- and intra-governmental jurisdictions and due to a lack of international cooperation. Given the complex nature of the problem and vast expanse of the oceans, the international community is looking to use technology to better address the IUU fishing problem.

Central to this use of technology to combat IUU fishing, the international community must work together to share information, so that bad actors are prevented from moving from one jurisdiction to another with impunity.

One way to accelerate coordination is through the application of Artificial intelligence (AI) and blockchain technology. AI is used to analyze large datasets in real-time to detect IUU fishing activity. For example, Global Fishing Watch built a freely-available, interactive tool to map commercial fishing across the globe. The tool uses AI algorithms to analyze Automated Identification System (AIS) data, providing insight into the position

and movement details of shipping vessels. While it is true that AIS can be spoofed (i.e., falsified) by modifying the Maritime Mobile Service Identify (MMSI) number or actual location of a shipping vessel, Global Fishing Watch can still detect and track this type of abnormal behavior using AI algorithms. To view global shipping activity, go to globalfishing-watch.org/map.

Next, blockchain technology enables traceability and safety of the global fish supply chain. It is a distributed public ledger, meaning information about transactions is preserved on a decentralized network of servers to which everyone has access. According to Mike Orcutt in MIT Technology Review, blockchain lets people who do not trust each other share data in a secure way using sophisticated math (encryption) and software rules. It is the same technology now used to verify cryptocurrency transactions, enforce smart contracts, and verify one's personal identity.

Conservation groups and fishing industries use blockchain technology to establish the provenance of a fish supply chain. For example, the World Wildlife Foundation (WWF) of Australia, New Zealand, and Fiji partnered with ConsenSys and TraSeable, to pilot a blockchain tuna project in the Pacific Islands. The project tracks the movement of fish from the point-of-harvest to the point-of-consumption. As soon as a

fish is caught, a fishing vessel's crew affixes a radio frequency identification (RFID) tag containing information such as fish weight, vessel, crew, and catch zone. Once the tuna goes to a processing plant, fish processors replace the RFID tag with a quick response (QR) code, which stays with the tuna until it reaches the consumer. Whether the fish is processed, canned or consumed as sushi in a restaurant, customers can scan the QR code (stamped on the product label or placed on a sushi platter) to view its provenance.

Another source of information assisting the international community in monitoring unlawful IUU activity is a database of fishing and transshipment crimes. Ecotrust Canada created an interactive tool called Spyglass, consolidating various governmental and non-governmental records into a criminal records database of shipping vessels and fishing companies. The database contains information back through 2000. To access the database, go to Spyglass.fish/about.

As the above examples show, while technology can help with the IUU fishing problem, the international community must increase its coordination and cooperation efforts to achieve results. To learn more about how countries cooperate in the maritime domain, consider attending the DKI APCSS's Comprehensive Maritime Security Course in April 2021.



Lt. Col. Jon Clow, Royal Canadian Air Force

NATO INNOVATION IN ACTION

Royal Canadian Air Force Lt. Col. Jonathan Clow attended the Daniel K. Inouye Asia Pacific Center for Security Studies (DKI APCSS) Asia Pacific Orientation Course in 2017. Currently, Clow is assigned to the North Atlantic Treaty Organization's (NATO) Allied Command Transformation (ACT), located in Norfolk, USA, as

the business development officer for ACT's Innovation Branch. The DKI APCSS reconnected with Clow to learn about NATO's innovation program and leverage future opportunities for the Center.

Technology is rapidly accelerating, especially in the digital domain, offering state and non-state adversaries opportunities to disrupt

NATO operations. "To keep our nations safe in such an unpredictable environment, we need to keep our Alliance strong. Innovation and experimentation are critical components of NATO's future defence, security, and deterrence," according to Clow. Realizing that there is a strategic urgency to harness technology and to maximize operational

capabilities, Gen André Lanata Supreme Allied Commander Transformation (SACT), created the Innovation Branch in 2019 as part of ACT's Capabilities Development Division.

The NATO Alliance consists of 30 member nations; therefore, interoperability between member nations using different processes and equipment poses operational challenges. The ACT Innovation Branch helps to increase interoperability by taking the real-world, emerging challenges of NATO forces and rapidly finding creative solutions using technology. The ACT Innovation Branch recently helped NATO forces with a capability shortfall, which resulted in the JIGSAW Project led by Clow.

In October 2019, NATO's Allied Air Command (AIRCOM) presented a problem to streamline a time and manpower intensive planning process for "airborne tanker refuelling requests." Airborne tanker refuelling involves transferring fuel from a tanker aircraft to a receiving aircraft while in flight. On a typical mission day, the AIRCOM Air Operations Centre received hundreds of refuelling requests, which are manually processed by a team of several personnel. The AIRCOM posed the following question: what software tool could help to automate this personnel- and time-intensive process?

ACT Innovation tasked Clow with solving the AIRCOM's challenge. First, Clow's team worked closely with AIRCOM to clearly

define the problem. Second, the team searched for viable software applications meeting the project requirements. Within two weeks the team found a viable product called JIGSAW, which was being used by the U.S. Air Force. Third, using agile system engineering methodologies, the team rapidly adapted the software to meet NATO's needs. Finally, in February 2020, NATO forces tested JIGSAW and proved it was far more efficient than the manual process. As a result of the success, NATO is acquiring the JIGSAW software for NATO Air Operations Centres around the world via a US Department of Defense Foreign Military Sales Case.

According to Clow, "a culture of experimentation at Allied Command Transformation allows us to consistently revamp and develop our capabilities in order to embrace new concepts and make our Alliance more successful."

The ACT Innovation Branch also hosts an Innovation Hub, which is open to domestic and international academic institutions, organizations, businesses, and individuals wanting to solve challenges that NATO is facing. The Hub is currently composed

of over 3000 members from 60 plus countries. Not only is it a space where people chat, collaborate, and pose questions, but it is also a space people compete to solve innovation challenges. The Hub hosts two Innovation Challenges each year. The Challenges are hosted by a NATO member nation and teams from around the world compete to solve the problems posed by each challenge theme. Most recently, a private

company won the spring 2020 challenge for designing a product that automates the detection of potential misinformation and disinformation in videos and photos, in real time. To find out more about the Innovation Hub and the Innovation Challenges, visit www.innovationhub-act.org.

The ACT Innovation Branch created NATO's first organic software development factory to rapidly develop products for NATO forces. The products and solutions that they develop often require processes, requiring a dedicated team to develop training curriculum. This is where the DKI APCSS and ACT Innovation are collaborating to learn from each other.



by Ethan Allen, Ph.D.

APPLYING A SCIENTIFIC APPROACH TO SECURITY

Despite science and technology becoming ever-more-deeply interwoven with the fabric of our lives, understanding of and trust in scientific processes appear to be on the decline. This is surprising, as we can clearly see the values of science, technology, and engineering in our daily lives.

For example, bridge or building collapses (those not triggered by major earthquakes) are virtually always traceable to someone ignoring standard design practices,

cutting corners on materials specifications, and/or employing faulty construction techniques - in other words, failing to use evidence-based decision making grounded in rigorously evaluated engineering principles.

Doctors don't randomly prescribe drugs; they evaluate individual patients and their symptoms, consider a wide range of potentially confounding factors, and prescribe a regime of a specific medication to treat a particular disease. They use evidence-based decision making

from validated medical research.

NASA, SpaceX, and other organizations building vehicles to send people into space rely on careful analyses of the best available data sets, including the history of space flight, measurement of current conditions, established parameters for human health and safety, and a myriad of other aspects - hard, scientifically-validated evidence.

Early in 2020, public health and other medical professionals were urging quick and decisive national and international actions to limit

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Maj. Monira Sultana of Bangladesh provides a presentation to DKI APCSS during a International Women's Day on the lanai for Fellows and DKI APCSS staff and faculty

THE 2020 COMPREHENSIVE CRISIS MANAGEMENT COURSE

One hundred and seven Fellows from 44 locations completed the Comprehensive Crisis Management course (CCM 20-1) held at the Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) from Jan. 23 – Feb. 26, 2020.

CCM is an annual executive education program designed to educate security practitioners in problem formulation, preparedness, response, and resilience. The curriculum, which runs over six weeks, enhances crisis capacity by developing a strong foundation in systems thinking followed by content on leadership, communication, negotiation, and other relevant skills for enhanced crisis management, and coordination.

Managing crises involves a host of government and non-government actors, the military, the private sector, and affected populations that are often ethnically, politically and culturally diverse.

Crises can be overwhelmingly complex due to myriad contributing factors, such as increased threat, urgency and uncertainty, interconnected processes, diverse stakeholder motivations, resource scarcity and inability to cope.

“My exposure to other Fellows has allowed me to see how seemingly correct and well-intentioned decisions can sometimes have the opposite effect in complex security environments,” said one CCM Fellow in a post-course survey. Note: The DKI APCSS non-attribution policy prohibits the use of names in this article.

The involvement of multiple ministries, national actors and foreign aid can make preparedness, response, recovery and resilience actions difficult, which speaks to the necessity of common operating platforms and well-established relationships.

“Personal friendships and deeper connections are essential for underpin-

ning lasting relationships,” explained another Fellow.

Fellows had opportunities to analyze problems, explored factors that shape effective crisis management, and developed comprehensive strategies and approaches through applied learning of best practices, case studies, small group discussions, exercises, crisis games and an individual Fellow’s Project.

Cohorts from Bhutan, Nepal, and Myanmar collaborated on group projects designed to address specific inter-agency concerns from their home countries. Fellows, who were primarily seasoned professionals from multidisciplinary backgrounds, shared their diverse expertise and experience in a participatory and trusting environment, which went a long way in assisting others in their projects and achieving learning outcomes of the course.

“The plenary panels consisting of

course fellows were valuable and informative,” said another Fellow.

The course curriculum included several lunchtime lectures, to include one by Dr. Michael Gleason, The Aerospace Corporation, who discussed the new topic of “Crisis Management in Space.” Ambassador Extraordinary and Plenipotentiary Gerald M. Zackios from the Embassy of the Republic of the Marshall Islands to the United States, presented the civilian keynote. He shared his insights on leadership during crises in the context of environmental security and rising sea levels in the Pacific.

The military keynote speaker Deputy Commander, U.S. Indo-Pacific Command Lt. Gen. Michael Minihan, discussed international cooperation and competition, crisis management, and partner opportunities in the Indo-Pacific region. Additional guest speakers came from the Pacific Disaster Center, Joint Typhoon Warning Center, U.S. Coast Guard, Aspen Medical, and the RAND Corporation.



CCM 20-1 Fellows collaborate during a Matrix exercise Feb. 20.

The CCM 20-1 Fellow’s Representative was Dr. Hazlina Binti Yahaya of Malaysia, who was selected by her peers to provide the address at the commencement ceremony.

To take advantage of the class’s Oahu-based location and provide first-hand knowledge, CCM 20-1 Fellows experienced site visits to the Hawaii Emergency Management Agency, National Oceanic and Atmospheric Administration, Marine Spill Response Corporation, Center for Excellence in Disaster Management, and Defense POW/MIA Accounting Agency.

According to Course Manager Dr. Deon Canyon, this course was unique in that COVID-19 was ever-present on the minds of all participants, who were encouraged to apply tools from the course to understand its complexity and to explore management options.

In the polling, self-rated knowledge of crisis management improved dramatically with 37% moving from ‘Very Little’ knowledge to ‘Average’ and 32% moving from ‘Average’ to ‘Advanced’ knowledge. The pre- and post-course surveys showed similar results. The pre-course knowledge survey average result for all areas assessed was 2.20/5.0 (range 1.44-2.61). Post-course, the average had lifted to 3.69/5.0 (range 2.76-4.02), which was a 30% improvement.

Fellows gave the course a 4.81/5.0 in their overall evaluation.

Fellows stated that they had learned skills they would be able to use in their work, they had built relationships with security practitioners from all over the region, their awareness of the value of multilateral coordination and multilateral engagement had increased, as had their awareness of critical capacity gaps in crisis management and HADR. They became more familiar with communication and coordination issues in domestic, international, civilian and military responders, and they applied this to working more effectively, rapidly and seamlessly with multiple stakeholders as they developed work plans or operating procedures or recommendations for crisis response.

Even those not expecting to learn were surprised. “I personally came as a full bowl with no space for new thoughts, but I am going back with empty mind with a lot of questions and issues to bother about....Aloha.”



The CCM 20-1 Fellow’s Representative was Dr. Hazlina Binti Yahaya of Malaysia, who was selected by her peers to provide the address at the commencement ceremony.

Fellows identified climate-based disasters as two to three times more important than all other threats in the next five to ten years. Runners up with similar results were cybercrime, economic disruption, disease outbreaks, human migration, transnational crime, and political instability. Issues hampering effective management of the above crises were, in order of importance, political interest, long-term planning, lack of accountability and transparency, and inadequate resources. When Fellows were asked about their capacity to manage crises in the region, 56% said it was improving, 23% said it was staying the same, 14% were not sure, and only 6% said it was getting worse.

More importantly, the course Fellows renewed their commitment to improving crisis and disaster management in their country or organization through their Fellows’ Projects and now have access to the 13500 strong DKI APCSS alumni network. An inspired fellow said, “I came to this course as a Crisis Manager but I will leave as a Crisis Leader!” All fellows agreed that another week in Hawaii would work wonders for their ability to connect, engage and improve capacity as crisis managers!



1) Dr. Al Oehlers, DKI APCSS academic leader for the workshop, discusses how Space is emerging as a domain of major strategic significance for the United States, its allies and key partners in the Indo-Pacific region. 2) Dr. Michael Gleason, The Aerospace Corporation, discusses the topic of "The Private Sector in Space: Some Observations." 3) DKI APCSS Director Pete Gumataotao provides opening remarks. 4) Mr. Alexander Grant, Deputy Consul-General, Australian Consulate, provides information to the other participants.



SPACE: AN EXPLORATORY DISCUSSION

The Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) held a one-day workshop Jan. 30 entitled “Space and the Indo-Pacific: Issues, Challenges and Cooperative Priorities.”

Space is fast emerging as a domain of major strategic significance for the United States, its allies and key partners in the Indo-Pacific region. Increasing recognition of this significance, however, has not been accompanied by a greater shared awareness of the issues, challenges and potential opportunities for cooperation in this domain, particularly as they relate to priority security concerns in the Indo-Pacific. This workshop brought together relevant on-island individuals, agencies and organizations for an exploratory discussion of these and related topics.

Dr. Al Oehlers was the DKI APCSS workshop lead and said he was excited

about bringing this ground-breaking discussion to the Center.

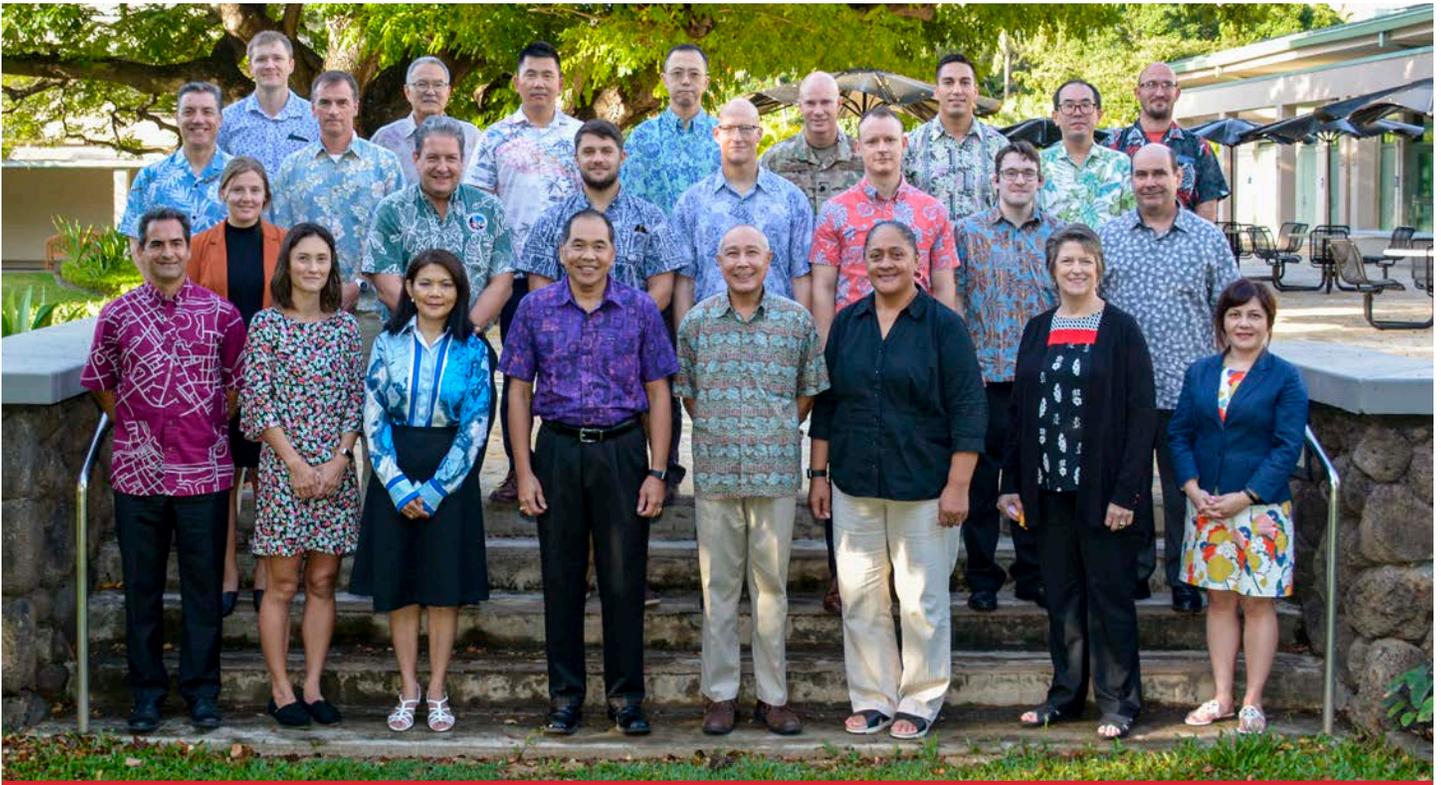
“This is a fast-changing domain, with enormous implications for security in the Indo-Pacific. Though only a small initial step, we’re proud we could convene a network of diverse Hawaii-based practitioners who will carry the conversation forward.”

Enabled by the non-attribution environment of DKI APCSS, the workshop facilitated an exchange of perspectives on:

- The priority issues in the space domain relating to security and security cooperation in the Indo-Pacific region.
- The challenges currently encountered and likely to emerge that need to be addressed.
- The potential areas where cooperation and collaboration may be pursued among allies and partners.
- Potential follow-on activities to sustain the conversation relating to the space domain, including constituting an on-island “community of interest” to continue discussions, further workshops and/or conferences, and other partnered opportunities.

Among the featured speakers was Dr. Joan Johnson-Freese, U.S. Naval War College, who spoke via video teleconference on the topic of “Space Security Cooperation: Issues, Challenges and Opportunities.” Also featured was Dr. Michael Gleason, The Aerospace Corporation, who discussed the topic of “The Private Sector in Space: Some Observations.”

The workshop concluded with DKI APCSS Director Pete Gumataotao providing closing remarks in which he highlighted the importance of continuing the discussion and thanking the participants for their cooperation.



More than 20 security professionals and academics attended the Space and the Indo-Pacific: Issues, Challenges and Cooperative Priorities workshop.



DKI APCSS AND THAI NSC HOST WORKSHOP ON

‘NATIONAL SECURITY IN A COMPLEX ENVIRONMENT, CRITICAL THINKING AND STRATEGY’

Thailand’s National Security Council jointly organized a workshop, “National Security in a Complex Environment, Critical Thinking and Strategy,” in Bangkok from Jan. 16-17, 2020 with the Daniel K. Inouye Asia-Pacific Center for Security Studies. Participants enhanced their knowledge and understanding of emerging issues in a rapidly changing security environment, and identified future trends and security challenges privileging whole-of-government responses.

U.S. Chargé d’Affaires Michael Heath joined Ruchakorn Napapornpipat, Director of Security Policy and Planning of the Thailand’s National Security Council, at the opening ceremony. In his remarks, Chargé Heath stated, “The world is increasingly complex, rapidly evolving, and unpredictable, with major strategic implications. It is our duty, whether we work in civilian or military offices, to use our positions wisely, draw on the expertise of those around us, and support our government in ensuring that everyone reaps the benefits

of mutual security, shared growth, and increased prosperity.”

Dr. Virginia Bacay-Watson, DKI APCSS academic team lead said, “The workshop was an opportunity for Thailand’s government to network and enhance understanding of emerging technologies and strategic thinking in the ever-changing security environment.”

The workshop was attended by 56 Thai civilian and military officials representing 20 government agencies and academic institutions. The group also included 11 DKI APCSS alumni, several of whom assisted with facilitating breakout sessions.

Presentation topics included Strategic Thinking, Emerging Technologies & Security, the 5G Debate, Space, Technology and the Environment, and Social Media and Security.

With its long and successful 25-year history engaging with Thailand, DKI APCSS has hosted numerous resident courses and workshops for Thai officials and professionals. Thailand’s DKI APCSS Alumni Association is the second largest in the world.



U.S. Chargé d’Affaires Michael Heath speaks at the opening ceremony.



Ruchakorn Napapornpipat, Director of Security Policy and Planning of the Thai NSC, provides close of session remarks.



DKI APCSS professor Dr. John Hemmings provides an introduction on the 5G debate at the National Security workshop.



Dr. Virginia Bacay-Watson sets the scene for the National Security workshop.

UNDERSTANDING GENDERED SECURITY IN CRISIS MANAGEMENT

The Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) held a one-day workshop titled “Understanding Gendered Security in Crisis Management” Feb. 18.

This workshop brought 20 subject matter experts together, along with all 110 Fellows attending the Center’s Comprehensive Crisis Management (CCM) Course 20-1, to understand a gendered security approach and apply its principles of gendered perspective, participation, prevention, and protection as a crisis management frame.

CCM 20-1 Fellows found the intersection between course and workshop to be highly useful to understanding gendered security in crisis management. Lectures, panels, discussions and working groups each afforded Fellows the opportunity to interact with established gendered security experts to better understand the fundamentals of gendered security.

Subject matter experts gained valuable insights into the perceptions of Fellows from the region. Noting that Women, Peace and Security (WPS) is the global framework to address gendered security,

the concept was framed as an approach that arises from the community, deems individuals the focus of security, and accounts for gender-based needs and interests of women, men, girls, and boys; or simply stated: gendered security is gender-nuanced security. Applying its four principles of gendered perspective, participation, prevention, and protection, the participants formed eight working groups that successfully designed gendered security approaches that addressed eight notional crises.



Participants of the one-day workshop pose for a group photo.



Maj. Gen. Suzy Varnes-Lum, mobilization assistant to Commander, U.S. Pacific Command and TSC alumna, spoke to participants about the value of Gendered Security.



HINDSIGHT, INSIGHT, FORESIGHT

The theme for this issue of Currents is “Hindsight, Insight and Foresight,” in celebration of DKI APCSS’ 25th Anniversary. It was derived from the name of DKI APCSS’ new publication “Hindsight, Insight, and Foresight: Thinking about Security in the Indo-Pacific,” a book written by DKI APCSS faculty and edited by Dr. Alexander Vuving. It’s 21 chapters cover important issues in the region ... how they evolved ... and how they can be shaped in the future to promote new opportunities for collaboration. The book will be available in September on the DKI APCSS website at apcss.org. Here are a few articles that describe past, present and future of the Center.



U.S. Defense Secretary Mark Dr. Mark T. Esper, the keynote speaker at the livestreamed Speaker Series, sits down with Director Gumataotao and shares his vision for addressing major regional challenges.

THE 3RD SPEAKER SERIES EVENT AND 25TH ANNIVERSARY COMMEMORATION

Director, Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) Pete Gumataotao welcomed Secretary of Defense Dr. Mark T. Esper as the keynote speaker in the 3rd DKI Speaker Series at the Center in Honolulu Aug. 26. The series is co-hosted by the DKI APCSS, the Foundation for the Asia-Pacific Center for Security Studies and the Daniel K. Inouye Institute (DKII).

“Tonight we’re very proud to have the U.S. Secretary of Defense... the Honorable Dr. Mark Esper... as our speaker,” said Director Gumataotao. “He has not only taken the time to be our keynote speaker tonight, but is here in Hawaii to help celebrate the 75th Anniversary of the Ending of World War II. He also graciously agreed to join us at the center to help celebrate our 25th anniversa-

ry. We’re so pleased that you could be with us tonight to share your perspectives on our complex security environment and the value of a free and open Indo-Pacific.”

Secretary Esper’s remarks highlighted the vital role DKI APCSS plays in maintaining a free and open Indo-Pacific. He also detailed the major challenges in the region and the Department of Defense’s (DoD) initiatives

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APCSS START-UP: A PEOPLE PERSPECTIVE

By Lenore Patton



When I was hired in March 1995 as the conference planner for the Asia-Pacific Center for Security Studies, I knew I was arriving to set up a program for a new U.S. Department of Defense international study center, but I had no idea I was stepping onto a nearly blank canvas. The new center did not have a name, did not have fully approved funding, did not have more than 5 permanent staff, and did not have allocated work spaces. What this new center did have was endless possibilities for people who had a vision of what could be and a drive to further regional security cooperation. Stepping onto this blank canvas, I was

simultaneously skeptical, nervous, excited, and most of all inspired. So yes, we did have an impoverished start-up but I must stress the counter-point – that every day in those first few months was rich with one excitement after another. We acquired an official name amidst huge sighs of relief, we cheered the news that Congress had approved permanent funding, we heard with almost disbelief that a location for APCSS had been secured in the resort area of Waikiki, and our amazingly dedicated staff was growing rapidly. At last, we were ready to set the date to inaugurate the brand new Asia-Pacific Center for Security Studies -- We did so on

September 4, 1995. As a professional conference planner for 33 years I've had the privilege to coordinate some incredible events, but the 1995 Inaugural Conference of APCSS will forever be a highlight. There to cut the 50 foot APCSS ribbon (which I had picked up from my seamstress only the day prior) was Secretary of Defense William Perry, Chairman of the Joint Chiefs John Shalikashvili, Admiral Richard Macke, and top senior security officials from over 30 nations. It was an inaugural conference that truly gave testament to the incredible work of APCSS that was to come.



APCSS EVOLUTION AND MATURATION: A PEOPLE PERSPECTIVE

By Jo Gardiner

When I was assigned as a US Navy Lieutenant Commander to APCSS in April 1997, the Center was established and spread across several floors in the Waikiki Trade Center Building in the heart of Waikiki. My early role was focused on helping to solidify both the statutory authorities and key policy guidance from our stakeholders—as well as helping put in place the first set of operating directives. There was an excitement about being on the leading edge of something totally new and unique within the Department of Defense. This uniqueness made it challenging, and fun, to research and help shape the foundational policies and processes that we now operate under in terms of hosting an international audience with both Title 5 and Title 10 employees. We “copied” much of the George C. Marshall Center approach, tailored to an “Asia-Pacific” audience. Though the administrative and

programmatic aspects of our Center were evolutionary and unique, the most exciting aspect of the Center's mission was personally observing the Fellows' “transformation,” fostered by the intentional interaction both at the Center and during off-time at “Nahua” and weekend events. I remember being so awestruck by the clear bonding that developed among our Fellows during their experience here—observing that contrast between the welcome reception and Taste of Asia. The renovation of “Building 202” on Ft. DeRussy and our move to our current location in June 2000 represented a significant “coming of age” as we acquired our own facilities that could accommodate both the expanding need for auditorium and break-out capacity to support opportunities for social interaction. While the spaces were larger, I was reassured early on that our strong sense of combined contribution

and teamwork to a unique mission was not degraded. From the periodic birthday celebrations and lunches on the lanai to the group gatherings to recognize our folks, the focus on teamwork and mutual support has remained strong. One of my lasting joys involved very early launching of the Kokua Hui as an alternative way of supporting our folks, since we had no access to Morale, Welfare, and Recreation funds as an off-base organization. Through that private organization we have been able to organize and fund social efforts, large and small, that have highlighted our people and their personal and professional milestones. And, from my perspective, that is what we are all about—our strength: building bridges and relationships, not only among our participants, but among each of us.



Defense Secretary Dr. Mark T. Esper's comments were livestreamed and by estimates was seen by thousands in the Region and around the world.

to meet those challenges, among which he emphasized the aggressive behavior of the Chinese Communist Party and its People's Liberation Army (PLA).

"For decades, APCSS has leveraged its unique position in the region as part of the Dept. of Defense to enhance our mission of forging lasting security partnerships across the Indo-Pacific, and advancing the security interests of the United States and its allies," said Secy. Esper. "The vision that the late Senator Inouye had for this institution upon its founding is more relevant than ever in this era of great power competition."

"The importance he placed on strengthening partnerships and cultivating new relationships has never been more pronounced," Secy. Esper continued. "Indeed, our robust network of allies and partners remains the enduring asymmetric advantage we have over near-peer rivals – namely China, that attempt to under-

mine and subvert the rules-based order to advance their own interests, often at the expense of others.

"In light of this challenge, the National Defense Strategy guides us, as we enhance our lethality, strengthen those alliances, build partnerships and reform the department to align our resources with our highest priorities. I've tasked the military services to make the PRC the pacing threat in all of our schools, our programs and our training.

"Thanks to our largest research and development budget in the department's history, we are prioritizing the development and deployment of game-changing technologies, such as hypersonic weapons, 5G and artificial intelligence," he said. "We are also investing in platforms critical to the future of a free and open Indo-Pacific, such as submarines, B-21 stealth bombers, P-8 maritime patrol aircraft, unmanned underwater and surface vehicles, long-range precision munitions, integrated air and missile defense, and a new class of frigates.

APCSS will remain an important part of that effort by encouraging candid and open exchanges on regional security issues, and strengthening the intellectual interoperability we need to be successful," Esper concluded.

At the end of Sec. Esper's remarks, Director Gumataotao posed questions submitted by alumni and security practitioners from around the Region when they registered for the event webinar.

Co-hosts APCSS Foundation President Gerald Sumida and DKII Director Jennifer Sabas also participated in the livestream and thanked Sec. Esper for being the featured speaker for this special DKI Speaker event, which also celebrated the Center's 25th

Anniversary.

Like many other organizations on Oahu and around the U.S., DKI APCSS has been conducting business virtually and following strict guidelines since the end of March to protect Center staff and faculty from the COVID-19 virus, so only required support personnel were present to execute the event in Maluhia Hall.

"I want to thank everyone for joining us today," said Director Gumataotao. "This speaker series is both a celebration of the late Senator Daniel K. Inouye's legacy, as well as to highlight the 25th Anniversary of the Center that bears his name.

"I want to especially call out this awesome team that we have here at our Center, that have planned and executed this first-class Speaker Series," praised Director Gumataotao. "If I were to ask any of them, they would say, 'It's a team effort, Director,' and that's true, but it takes every individual's commitment to excellence to strive for something greater than self which results in phenomenal accomplishments I see from them, day-in and day-out."

The event was also aired via livestream on Facebook, and to almost 700 alumni and partners in the Region via a 75-minute virtual webinar. DKI APCSS' social media presence sprang to life with well-wishes and congratulations for the Center's anniversary and to hear Secy. Esper's perspective on the Region.

Alumnae Smita Sharma (India) tweeted that it was "Lovely to see many familiar faces at the 25th anniversary virtual celebrations of @APCSS this morning with @EsperDoD delivering the keynote address. Congratulations to the Ohana (family)"



Hindsight, Insight, Foresight

ALUMNI

The 2019 DKI APCSS ALUMNUS & ALUMNI ASSOCIATION OF THE YEAR

The annual DKI APCSS alumni and alumni association awards recognize an individual alumnus and a group of alumni who have best demonstrated outstanding contributions to good governance, peace, stability and prosperity, and/or enhanced a free and open Indo-Pacific. Each year a board of DKI APCSS faculty and staff members consider multiple nominations from alumni and stakeholders throughout the region and around the world. This year, we are proud to announce the following honorees.



TA NGOC VAN (ASC16-2, VIETNAM)

Van completed his Fellows Project, establishing and strengthening interagency coordination procedures and mechanisms between Public Security, Defense, the Judiciary and his NGO in Vietnam to combat and prevent human trafficking. His work has resulted in the rescue of or assistance to nearly 1,000 trafficking victims. He also represented 48 victims in court, leading to the conviction and imprisonment of over 100 human traffickers. Additionally, he represented 34 victims of sexual abuse in 16 court cases. He is now expanding his efforts to combat forced labor within Vietnam Fisheries. The Vietnam Border Guard presented him with a certificate for excellent contributions in combating human trafficking, the second consecutive year he earned this award. He also earned several awards from the Criminal Police Department for excellence in combating human trafficking. The Vietnam newspaper Vietnam Express.net named him the 2019 'Hero and Influencer,' for making the world a better place. Ta Ngoc Van's extraordinary achievements have contributed to a more secure and prosperous Indo-Pacific region.



THAILAND ALUMNI ASSOCIATION

The Thai Alumni Association supported and co-hosted the DKI APCSS senior executive security course in Thailand. This course helped senior Thai government officials hone their leadership skills and further develop a comprehensive understanding of the Indo-Pacific security challenges. Following the course, the Thai alumni co-hosted a 60-person alumni event, strengthening the relations between alumni, APCSS and the U.S. Embassy.

During the event, five Thai officials briefed the successful results of their Fellows Projects, and three other alumni reported completing their projects. They served as an inspiration for all alumni in attendance. Additionally, the Thai alumni group supported the DKI APCSS National Security Council workshop, improving the capacity of the organization to deal with potential security challenges facing the nation. Following the workshop, the Thai

alumni hosted another alumni event. More substantial than a social occasion, this event featured the Thai alumni preparing a new group of Thai officials for their upcoming course and their Fellows Projects at DKI APCSS. Through their outstanding accomplishments, the Thai alumni group not only helped build national capacity, but also contributed to the security and prosperity of the Indo-Pacific region.

VIRTUAL ENGAGEMENTS

We've talked about doing more online for a number of years. This year became the year to do just that, thanks to a global pandemic. In the spring and summer, the Center held a number of webinars for alumni groups and other DoD organizations. More webinars will be available in the future by invitation only. If you are an alumnus and interested in joining an upcoming event, please contact the alumni office at alumnidiv@apcss.org.



MYANMAR ALUMNI ASSOCIATION CRISIS MANAGEMENT SERIES

In partnership with the DKI APCSS Myanmar Alumni Association (AMAA) and U.S. Defense Attaché Office in Yangon, Dr. Miemie Winn Byrd conducted a pilot series of continuing professional education webinars from Apr. 3 to May 29, 2020 on security challenges arising from the COVID-19 crisis.

Nearly 30 alumni participated in the webinar series. The webinars topics included crisis management framework, effective crisis communication, crisis leadership, shifting geopolitical landscape, food security, economic security, illicit drug trafficking, and security implications of a mass return of migrant workers.

The alumni participants' efforts contributed to the creation of COVID-19 Task Force and improved crisis communications to contain the spread of COVID-19 in Myanmar. Discussions from this webinar series also resulted in the development of a separate series of multilateral (Malaysia, Myanmar, Nepal, Pakistan, Philippines) webinars to examine the security implications of mass

returning migrant workers within the Indo-Pacific region.

Also, in partnership with U.S. Embassy Rangoon, Dr. Byrd led the fifth in series of webinar engagements with Myanmar Alumni of DKI APCSS programs Apr. 24. The focus in this iteration of the series was Strategic Competition. Twenty alumni participated



in this session, all civilians. Panel members were: Dr. Byrd, Dr. Saira Yamin, Dr. Srini Sitiraman, Mr. John Gasner and Lt. Col. Pamela Stein (USDAO Rangoon).

Dr. Sitiraman presented his assessment of COVID-19 impact on the geopolitical

landscape in the Indo-Pacific region, with the goal of building trust and connections with the participants, to educate them on strategic implications of the SARS-CoV-2 pandemic and to develop a mutual understanding of competition issues. The U.S.-People's Republic of China (PRC) strategic competition was the central theme.

Regional participants heard U.S. perspectives on the competition and developed a further understanding of their perspective: Myanmar has no alternative but to continue depending on the PRC for economic growth and political protection at the UNSC even while acknowledging PRC coercive actions. Participants highlighted the need for consistent, reliable engagement with the U.S. to build trust in the U.S. as an alternative to the PRC.

DKI APCSS is committed to advancing security cooperation in the Indo-Pacific region and to continue to be responsive to the region's needs and emerging security challenges.

PHILIPPINE ALUMNI COVID-19 WEBINAR SERIES

In April, DKI APCSS conducted a three-part webinar series for the Center's Philippine Alumni Association. This event was the first virtual engagement with the Philippine alumni and was held for three consecutive Tuesdays, April 14, 21 and 28. The theme of the series was "Security and the COVID-19 Crisis."

DKI APCSS faculty provided the briefings. Dr. Deon Canyon lectured on "A Whole-of-Society Framework for Removing COVID-19 Lockdown and Restarting the Economy; Dr. Sungmin Cho addressed the "Impact of COVID-19 on Asian Geopolitics," and Dr. Scott Hauger briefed on "Dealing with Complexity: Pandemics' Impact on Environmental Security."

According to Dr. Virginia Bacay Watson, academic lead for the event, the series provided an opportunity for the alumni to explore the impact of the pandemic

on various security issues and enhance their knowledge and understanding of a game-changing global crisis. She pointed out that it was also a good occasion to avail of the virtual platform as a way of furthering regional engagement.

Some of the outcomes of the webinar included:

- Developed a common understanding of regional security challenges and concerns;
- Expand opportunities for regional/national collaboration and cooperation;
- Provide virtual platform for expansion of alumni regional security sector networks;
- Increased DKI APCSS understanding of regional perspectives: the U.S.-PRC strategic competition and its impact on the Southeast Asia region remains a great concern;



Dr. Virginia Bacay Watson, academic Webinar lead

In the end, the participants asserted that Filipino Alumni are very much in favor of the U.S. perspective, which still has merit and advantage.



NEPALI ALUMNI COVID-19 PANEL DISCUSSION

DKI APCSS faculty and staff held a discussion with the Nepal Alumni Association titled “COVID-19 and broader security implications” on April 14. The virtual engagement was moderated by Dr. Saira Yamin and featured presentations by our newest faculty member Dr. Srini Sitaraman and a panel of distinguished experts from the Nepal Alumni Association.

Dr. Sitaraman’s presentation examined COVID-19 and associated global and regional security challenges and responses. Our Nepal alumni panelists brought their wealth of expertise and knowledge to the conversation. Dr. Saujanya Karmacharya, Nepal Armed Police Force, provided an insightful presentation on Nepal’s preparation and medical response on the frontlines. Lt. Gen. (ret) Balananda Sharma, Vice Chancellor of

the National Defense University, shed light on the human security challenges facing the state -- particularly health, food security and the disruption of livelihoods. He described the conditions of Nepal’s migrant workers as the country deals with the colossal challenge of trying to arrange the safe return and protection of tens of thousands of returnees and those stranded in in other countries. He recommended an interagency task force to respond to the humanitarian crisis they along with their families are mired in. With an estimated 4.5 million overseas migrant workers, close to a third of Nepal’s economy is also dependent on remittances sent home by them.

Mr. Chiran Jung Thapa, a prominent security analyst, discussed the “global effect”, a conceptual fusion of global connec-

tivity with local events. He remarked that despite the imperative for international cooperation, COVID-19 has killed multilateralism -- with every man and every country acting for itself. He cautioned that geopolitical complexities are becoming more acute in the current environment while also creating more for space for a rise in transnational crimes. Nepal alumni panelists recommended whole-of-society and government discourses to build a shared awareness of national security priorities in Nepal under current crisis conditions. It was noted that while there are no easy solutions to the complexities associated with COVID 19, good governance at the national, regional and international levels is the way forward.

SENIOR PAKISTANI COVID-19 DISCUSSIONS

The Daniel K. Inouye Asia-Pacific Center for Security Studies’ Dr. Saira Yamin hosted a webinar with the Pakistan Alumni Association on April 28.

In alignment with the Center’s ongoing regional outreach, the event provided an opportunity to exchange views on the COVID-19 pandemic with security practitioners. Attendees included Lt. Gen. (ret) Masood Aslam, Lt. Gen. (ret) Farooq Khan, Federal Secretary (ret) Agha Jan Akhtar, and Dr. Shabana Fayyaz, Chairperson at Dept. of Defense and Strategic Studies (Quaid-e-Azam University) among a number of distinguished alumni.

The conversation began with Dr. Scott Hauger’s presentation titled “Pandemic’s

Impact on Environmental Security and Crisis Management.” Given Pakistan’s proclivity to earthquakes and floods, Dr. Hauger’s insights on the importance of preparing for a potentially more complex crisis environment were well received. The need to update the Epidemic Disease Act 1958 to better respond to COVID-19 was also noted. Pakistani alumni shared their assessment of the emergency response to human security challenges, rural-urban disparities in governance, socio-economic impacts and societal polarization amidst the escalating threat of Coronavirus. Similar to other countries in the region, health is one of the top security challenges Pakistan faces. However, the economic lockdown is

perceived as having the most immediate and sharp consequences, particularly for lower and middle income groups constituting vast segments of society.

On another note, participants suggested that while the global community remains rightly invested in the search for an effective treatment of COVID-19, it was equally important to consider preventive strategies to reduce the risk of pandemic recurrences. Our Pakistani alumni highlighted the importance of greater U.S. leadership on climate change and its nexus with COVID-19. Combating climate change through transformative global efforts was deemed critical and necessary in this regard.

HEALTH PROFESSIONAL ALUMNI COVID-19 INFODEMIC

DKI APCSS alumni, who work in the area of health security, developed and conducted a regional webinar May 15, 2020, entitled, “Flatten the I-Curve.” The webinar was attended by 48 DKI APCSS alumni from 17 nations across eight time zones. Speakers and participants discussed the swirl of

misinformation, disinformation and just too much information that security professionals must navigate to manage the COVID 19 crisis and its complex security impacts.

The idea for the webinar came from Fellows of Comprehensive Crisis Management Course (CCM) 20-1, Seminar 4, during

casual discussions in February. Dr. Novil Wijesekara, Medical Officer in Sri Lanka’s Ministry of Health, who was recently appointed to be the ministry’s representative on the Presidential Task Force’s National Operation Center for Corona Prevention, led the way in developing the agenda for

Continued on pg. 30



THAILAND ALUMNI ASSOCIATION MEETING

On Apr. 21, Assoc. Prof. J. "Lumpy" Lumbaca led a webinar with 34 participants with the Thai Alumni Association to develop a common understanding of regional security challenges and concerns. This event expanded opportunities for regional/national collaboration and cooperation and provided a virtual platform for expansion of alumni regional security sector networks. It also supported Joint U.S. Military Assistance Group (JUSMAG) in-country team engagement efforts for strategic messaging, advanced alliance relationships and U.S. Indo-Pacific Command's (USINDOPACOM) priorities in engaging with Thailand for strategic competition objectives and advancing a free and open Indo-Pacific.



**RECORDED SESSIONS OF SOME OF
THESE WEBINARS ARE AVAILABLE
ONLINE AT APCSSLINK.ORG**

MORE ENGAGEMENTS

5th Security Force Assistance Brigade

Apr. 24, Center leadership and faculty

Institute for Defense Security Analyses (India)

Apr. 24, Dr. John Hemmings

US Special Operations Command and US Special Operations Command Korea Education

Apr. 27-30, Dr. James Minnich

Malaysia Maritime Security Webinar

May 13, Navy Capt. James McMullin

Thailand Strategist Webinar

May 21, Dr. Sungmin Cho

National Geospatial Agency (NGA) Webinar Series

Apr. 28 - May 21, Dr. William Wieninger

Five Regional Centers Collaboration: Assessing the Security Impact of the COVID-19 Pandemic

May 19, The Five Regional Centers

Multilateral Migrant Returnee Webinar

June 2 and 4, Dr. Miemie Byrd, Dr. Saira Yamin and Dr. Virginia Bacay-Watson

Malaysian Alumni Association: Countering Terrorism during COVID-19

June 4, Prof. Elina Noor

Accessible Economics

June 8, 15, 22, 29, The DKI APCSS

Economics Working Group, led by Dr. Lori Forman



The Costs of Disinformation during a Global Pandemic

June 18, Dr. John Hemmings and Dr.

Elizabeth Kunce Here is a link to the first webinar recording: youtu.be/AqL4kNPxMUK



Relevant Issues: Philippines U.S. Visiting Forces Agreement (VFA) Refresh Webinar Session # 3 -

June 23, Dr. Virginia Bacay-Watson

Indo-Pacific Terrorism, Special Operations, and the Coronavirus: Current Dynamics and Future Considerations for the Region

June 23, Prof. Lumpy Lumbaca

MP-IDSA - DKI-APCSS Workshop on PRC Maritime Strategy

June 29, Dr. John Hemmings

Counter-Terrorism in the Shadow of COVID-19

June 30, Dr. Sam Mullins

HEALTH PROFESSIONAL ALUMNI COVID-19 INFODEMIC *Continued from pg. 28*

the webinar. DKI APCSS faculty members, Dr. Scott Hauger and Assoc. Prof. Elina Noor worked to develop and facilitate the event.

The first step was to identify and convene a group of health professional alumni who could help shape the agenda and comprise a panel for presentations. Invitations went out to the fourteen health security alumni who attended DKI APCSS courses between 2018 and 2020. Seven were able to join the webinar, and two of them asked if their supervisors who were DKI APCSS alumni could also participate. The answer, of course, was, “Yes, gladly!” The nine alumni who worked to develop the webinar were

Buchhoeung Tek, Cambodia; Dr. Bounleane Phalathsagmotha, Laos; Sony Sisomvang, Laos; Jose Juan, Philippines; Dr. Quennie Raagas, Philippines; Dr. Pete Galvez, Philippines; Hema Herath, Sri Lanka; Dr. Pasakorn Akarasewi, Thailand; and Dr. Novil Wijesekara.

The health professional alumni met twice via Zoom in preparation for the webinar held on May 15. The session began with four, ten-minute presentations by Dr. Wijesekara, Dr. Raagas, Dr. Pasakorn and DKI APCSS’s Chief of Public Affairs Mary Markovinic. The discussion offered insights on nations’ experience with the infodemic and their

national approaches to managing the problem.

Participants learned that all Indo-Pacific nations attending the webinar have implemented some sort of fact checking mechanism to address mis-information, but that regional responses were mostly lacking. In a post-event survey and in the webinar chat box, participants expressed a high level of appreciation for the opportunity to meet together in this web-based forum and to learn about colleagues’ approaches to the infodemic problem.



INDONESIAN ALUMNI ASSOCIATION COVID-19 WEBINAR

On May 4, DKI APCSS and the Indonesia Alumni Association participated in a webinar discussion on COVID-19 to assist Indonesia in responding more effectively in the short term, but more importantly, to plan for an extended battle with the virus and to increase governmental resiliency overall.

Dr. William Wieninger led the webinar and said, “we had a wide-ranging, candid discussion. Going in, our goal was to share accurate information with regard to virus origins and effective responses, while hearing from our Indonesian alumni their perspectives on the impact of the disease and what they see as the best responses.

It was also our hope that the conversation would enhance our alumni network, and I am confident it did.”

One interesting point that came up was that, while COVID-19 kills people, so does poverty,” continued Wieninger. “This is a huge issue in the United States today (July) but it was not so much on May 4. Given the relative wealth disparity between Indonesia and the United States, it is not surprising that they were having that discussion earlier than we were in America. An additional problem identified is the difficulty of dealing with a pandemic in an archipelagic nation with far-flung remote areas. Getting care to those areas is very challenging.

“In the end, there are no easy answers to the tradeoff between economic and health security, but this webinar helped clarify what we know and don’t know about COVID-19 so as to allow more fact-based responses,” further stated Wieninger. “The participants greatly appreciated the webinar and strongly indicated they hope to continue such collaboration in the form of more webinars in the future.”

There were a total of 53 participants in the webinar including DKI APCSS Director Pete Gumataotao.

DEFENSE POW/MIA ACCOUNTING AGENCY (DPAA) LEADERSHIP LECTURE SERIES

An online leadership lecture series between the Daniel K. Inouye Asia-Pacific Center for Security Studies (DKI APCSS) and the Defense POW/MIA Accounting Agency (DPAA) began Apr. 14 and ended May 5 with 125 participants. The primary objective of the webinar was to educate U.S. security practitioners operating in the Indo-Pacific with security governance skills of leadership, with specific focus on these topics:

- leading high performing teams;
- innovative teams;
- negotiation principles and communications;
- gendered diversity, inclusion and security;
- crisis management.

A secondary objective was to strengthen relations with DPAA, a priority partner for the Center. DKI APCSS professors Dr. James Minnich, Dr. Miemie Byrd, Dr. Saira Yamin and Dr. Deon Canyon presented these leadership topics in nine, two-hour webinar sessions over four weeks and facilitated dynamic discussions among the participants.

DPAA lab had 90 participants led by Dr. John Byrd, which convened in seven 2-hour sessions and culminated with a 2-hour synthesis/reflection session. DPAA Headquarter had 35 participants led by Director Kelly McKeague, which met in two 2-hour lectures on gendered diversity, inclusion, and security, and leading high performing teams.



DPAA Director Kelly K. McKeague (center) and his team visited the Center in Oct. 2017 for an orientation and roundtable discussion.

FACULTY

Publication & Podcast



Prof. Elina Noor and Shyam Tekwani

In January, Assoc. Prof. Elina Noor spoke at the Raisina Dialogue 2020 on “Sharing Space: Tech and Terrorism.”

Noor also has published two articles, one by the *International Institute for Strategic Studies* on “Artificial Intelligence: the case of international cooperation.” In the article, she outlines two areas of “digital disjuncture” related to AI — the evolving global order and inclusivity in governance. She also published an article titled “Positioning ASEAN in Cyberspace” in *Asia Policy*.



Dr. Srinivasan Sitaraman published an article in the Spring 2020 issue of the *Journal of European, Middle Eastern, and African Affairs* published by the Air University Press, Maxwell, AFB, AL. Dr. Sitaraman reviews the work by Nicholas Wright and his co-authors on Artificial Intelligence (AI) and how AI is reshaping the global order.



Dr. Sam Mullins published an article for the *Small Wars Journal* titled “Terrorism and COVID-19: Are We Over-Estimating the Threat?” In this article, Mullins looks at if and how terrorists are using the COVID-19 pandemic to further their goals.

Prof. Shyam Tekwani has a new article published by the *East Asia Forum* entitled “Sri Lanka’s return to ethnic majoritarianism.” In the article, Tekwani states that “Before Sri Lanka’s economy can be rebuilt or democratic institutions revitalized, the country will need to come to terms with its legacies of violence.” Prof. Tekwani also wrote an article for the *South China Morning Post* titled “India’s bullying of its neighbours boosted China. Now it needs to build a strong backyard.” This opinion piece states that: “after facilitating China’s expansionist goals by treating nearby countries badly, India needs to demonstrate good neighbourliness to realize its global potential.”



Assoc. Prof. John Hemmings and Intern Megan Wolf co-authored an article titled “Is Canada Ready For the New Age of Power Politics?” for the *Macdonald-Laurier Institute* website on March 25.



Dr. Sungmin Cho had an article published on the *Defense One* website entitled “The Coronavirus Gives the US a Chance to Restart Talks with North Korea.”

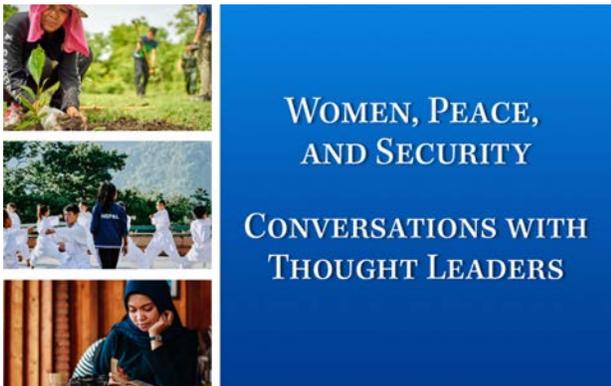


Dr. James Minnich recently published an OpEd titled “North Korea’s ruling dynasty will continue, with Kim Yo-jong next in line” in *The Telegraph*.



“Definitions in crisis management and crisis leadership” by **Dr. Deon Canyon** looks at the origins of the terms and definitions of “leader” or “leadership.” In this paper, he examines two types of organizations; those in normal-mode that predominantly pursue a linear path, and those in crisis-ready-mode that experience a greater degree of non-linear events.

PODCASTS



The Women, Peace and Security program team has created a new podcast series entitled “Conversations with Thought Leaders Series.” In these conversations, Dr. Saira Yamin interviews trailblazers from South Asia. They include: Ammara Aamer Khattak, Additional Director, Pakistan Civil Services Academy, Lahore; Dr. Lailufar Yasmin, Professor, Department of International Relations, University of Dhaka; and Shancita Haque, a Minister with the Permanent Mission of Bangladesh to the United Nations.



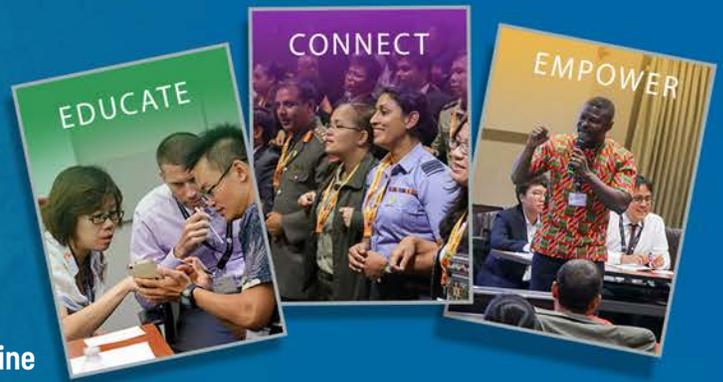
Dr. Sam Mullins interviewed retired FBI Special Agent Tom O'Connor as part of a new CTGo! podcast. In it they discussed the growing problem of right-wing terrorism. Their discussion covered the growth and history of these groups, what motivates them, and what next steps they recommend the U.S. government take to help fight it.

Prof. Shyam Tekwani interviewed Dr. Kumar Ramakrishna, Head of the International Center for Political Violence and Terrorism Research (ICPVR) and Associate Dean and Research Adviser to the National Security Studies Programme at the S. Rajaratnam School of International Studies (RSIS) in Singapore, as part of the CTGO! Podcast series. The discussion focused on the opportunities and challenges that COVID provides to terrorism and counterterrorism.

View Podcasts at apcss.org/media-gallery or apcsslink.org



DKI APCSS
SECURITY
NEXUS



A free, open access, International, peer-reviewed, online publication for DKI APCSS faculty and alumni. View the latest Security Nexus publication at apcss.org/nexus.

"The Nexus Between the COVID-19 Pandemic, International Relations, and International Security"
by Dr. Deon Canyon

"The Coronavirus and its Likely Impact on North Korea"
by Dr. Sungmin Cho

"Mass Surveillance And Individual Privacy" Dr. Inez Miyamotofor

"An Analysis of Australian Defense Policy from 1901 to Present"
by Maj. Jeremy P. Brown, U.S. Army

"Incremental Community-Based Exit Strategies for Initiating and Removing Covid-19 Lockdowns"
coauthored by Dr. Deon Canyon

"The Value of Thought Leadership in a World in Crisis" by Dr. Deon Canyon

"Perceptions of Indigenous Security Practitioners on China's Geostrategic Activities in the Pacific"
by Dr. Deon Canyon

"Policy Guidance for Pakistan's Oscillation Response to COVID-19" is a new OpEd " coauthored by Dr. Deon Canyon

"COVID-19 Lockdown Easing and Restricting Color Framework for Local Government" by Dr. Deon Canyon

"Sending the COVID-19 Immune to Work to Prevent Economic Catastrophe"
by Dr. Deon Canyon

"Coronavirus, Terrorism, and Illicit Activity in the Indo-Pacific"
by Assoc. Prof. J. "Lumpy" Lumbaca

"The COVID-19 Crisis and the Coming Cold War" by Dr. John Hemmings

"Making the Most of It: China's Military Wins the COVID-19 Fight in Wuhan"
"Making the Most of It, Part II: Xi Jinping Leverages Coronavirus 'War Without Smoke' to Spur Digital Transformation, Test National Defense Mobilization" by Dr. David Dorman

"Plagues, Pandemics, and Global Political Change in a Historical Context" by Dr. Sriniv Sitaraman

"COVID-19, Debt, and Strategic Competition," "COVID-19 and the ASEAN Chair Agenda: Vietnam's Lost Year? and Brunei's, Too?"
by Dr. Alfred Oehlers

"Tropical Cyclone Harold and COVID-19: Lessons from the 2010 Haiti Earthquake" "Building Water Security on Small Pacific Islands"
by Dr. Ethan Allen

"Five Coronavirus Success Stories: Different, But the Same"
by Dr. Virginia Bacay Watson

"Oceania's Potential Role in Space Governance Development?"
by Dr. Alfred Oehlers

"2019-NCOV Political Framing and Blame-Gaming" by Dr. Sriniv Sitaraman

"COVID-19 Healthcare Workers: 70% are Women" by Dr. Inez Miyamoto

"Ships Become Dangerous Places During a Pandemic"
by Prof. Wade Turvold and Capt. Jim McMullin

"Pacific Trident III: The Strengths and Weaknesses of the U.S. Alliance System under Gray Zone Operations,"
by Dr. John Hemmings

"Why is China on a Hyper-Aggressive Streak during a Global Pandemic?"
by Dr. Sriniv Sitaraman

"The Post-COVID-19 World: Globalization with Different Characteristics" by Dr. Deon Canyon and Dr. Virginia Bacay-Watson

"China's Salami Slicing Tactics and the Latest India-China Border Standoff" by Dr. Sriniv Sitaraman

"Structuring ASEAN military involvement in disaster management and the ASEAN Militaries Ready Group" by Dr. Deon Canyon and Dr. Elizabeth Kuncce

"Urgent Policies Required to Grant Public Access to Protected Health Information during Emergency Disease Outbreaks and Pandemics"
coauthored by Dr. Deon Canyon

"A Health Security Pandemic Checklist for Developing Nations and Donors" by Dr. Deon Canyon and Research Analyst at the University of California San Francisco Dr. Sebastian Kevany



APPLYING A SCIENTIFIC APPROACH TO SECURITY *Continued from pg. 15*

the spread of COVID-19. While some leaders listened and took appropriate actions, and their countries have been largely spared, many others instead delayed or made minimal responses; the results are hundreds of thousands of needless deaths, overwhelmed health care systems, and crushed economies around the world. Our COVID-19 pandemic vividly illustrates both the benefits of relying on scientifically validated data, and the costs of ignoring evidence in decision making.

So how can we know what is sound, scientific, validated evidence that we can trust and on which we should act?

The Internet provides an incredibly rich source of information on almost any topic we choose to explore. Yet that very wealth of information is, in itself, problematic. For almost any inquiry, we can find wildly varying answers, often diametrically opposed to one another. How can we tell good, scientifically validated claims from those that may be flimsy, contrived, or outright false?

First, look at the source of the evidence. Is it a Facebook or other social media post (without any citation or reference) by a 'friend,' or passed along from one of their 'friends,' who may have a particular agenda? Studies have shown that many people will post and pass along information, even knowing that it is false or misleading.

Is it from a ".com" source - almost assuredly with monetary interests in promoting a viewpoint? We need to be very aware of the particular slant or bias any such site may have; some may present carefully

researched, objectively balanced information, but many others do not.

Sites with '.net' and/or '.org' extensions usually present information aligned with their organizational goals. Unless we know that the source organization is truthful and honest, information from such sites cannot be trusted.

In the U.S., and in other democratic nations, '.gov' sites are normally run by some branch of the national government. At least in most cases involving scientific or technological issues, they present information based on evidence either from peer-reviewed sources or from politically balanced committees. Their information tends to reflect factual basis or consensus understanding, and is less likely to be biased than that from the other types of sites.

These same caveats about sources apply to books and journals also.

One excellent way to obtain information is to actually talk with, and listen to, experts on our issue. When needed, we should seek out and actively engage in extended conversations with scientists, engineers, and/or technologists to ensure understanding of both the scientific underpinnings and the larger ramifications of critical issues. But we must bear in mind that these experts inevitably have their own perspectives and/or biases.

Information from a single provider - just as in science, outcomes from a single experiment - must be viewed with caution, even when from a trusted source. In science, replication of experimental results is required before findings are regarded as

valid. In a similar vein, information from a single site or source, even if generally reliable, should not be taken as definitive. Ideally, we should find several diverse, reliable sources that articulate the same conclusion before we accept the information as the basis for our decisions.

Currently, our social media technology has made spreading false or misleading information - i.e., disinformation - easier than ever before. And sophisticated disinformation campaigns are being widely employed by various state and non-state actors across the Indo-Pacific. This trend reinforces the need for careful fact checking, close examination of sources of information, and rigorous evaluation for virtually all security-related judgments.

As security professionals, we cannot be scientists, but we all should understand the fundamental principles and values of science - openness, honesty, and skepticism. We should seek out and thoroughly assess the best possible data from multiple dependable sources. We must understand the limitations, constraints, or uncertainties of evidence in the processes of formulating security decisions.

In short, by adopting more rational, objective, and scientifically-based processes, and by carefully analyzing and substantiating multiple strands of evidence in making our security-related decisions, we can help enhance the security and resiliency needed across the Indo-Pacific region and around the world.

Information Services Department

'BEST OF THE BEST'

The selection for this issue's Featured Department was a no-brainer. If it were to be put to a vote among DKI APCSS staff and faculty, Information Services Department would win, hands down. Not that all other departments aren't worthy of this honor, but ISD surpassed the challenges presented by the COVID-19 pandemic to such a high degree, that other government organizations mirrored their efforts.

The unprecedented move to provide a way to maintain connections with DKI APCSS' Alumni and regional partners was nearly seamless. Before the COVID-19 pandemic, the ISD team had already been exploring new ways for the Center to communicate and collaborate, as well as equip and educate the staff and faculty on how to use the latest collaboration tools. Mr. Preston Hall, this issue's featured employee, was the driving force behind much of the innovation and capability provided.

When the State of Hawaii and Honolulu County issued a Stay-at-Home order on March 23, the Center launched into a full telework mode. ISD Chief Jake Ross sprang into action and worked with Hall and his team to deploy the collaboration tools needed to meet the challenge. Most Center employees were telework-ready and had the necessary equipment and training, but some newer employees were not. Because Hall and the rest of the ISD team had previously been exploring options for dealing with this scenario, they were prepared. Within a short timeframe of a few days, ISD had all employees connected and collaborating.

The ISD team provided the same tools to the College of Security Studies to test and settled on products that allowed the appropriate level of control and versatility. Ross then leveraged the skills of his Visual Information department to administer the virtual

engage-ments, which now exceed 150 since the Stay-at-Home order began.

The Graphics section also ensures consistent branding and user experience during these virtual engagements.

Most importantly, the online collaboration tools that were selected permitted faculty and the Alumni division to reach out to DKI APCSS partners in the Indo-Pacific region and worldwide to continue discussions or start new ones in the virtual domain. Bringing this capability to the forefront may have strengthened DKI APCSS relationships, as it demonstrated a new and exciting way to communicate during a time of uncertainty and fear. The positive outcomes from this response are immeasurable, but judging from regional partners and security experts' comments, it has already paid dividends.

And that's the tip of the iceberg.

ISD has also provided tools for remote monitoring and access control in the Center, strictly protecting those who will attend courses and workshops and staff in the future. By leveraging existing Office 365 products, ISD developed a contactless method to sign in and out of the Center and gather vital information to be used in contact tracing. This best practice was shared with their counterparts at the East-West Center to help them develop their tool. The ISD team is in a never-ending battle to stay on the cutting edge of technology, whether hardware, software,

collaborations tools, audiovisual support – their "cup runneth over" with requirements and responsibilities.

The Customer Service Division has not skipped a beat since teleworking began. Help Desk requests were handled almost immediately before the pandemic, and amazingly enough, that trend continues, virtually. Under the guidance of Sheri Uyehara, the Customer Service Division rapidly fielded technology to enable the remote workforce, all while keeping the users safe and working for home. ISD has also developed a dashboard to communicate network status from the user perspective. Users can quickly identify what services are available to them and easily report new outages.

Investments in the Center's infrastructure are also underway. The auditorium screen is being upgraded from a projector to a massive microLED video wall. The Center now has campus-wide wireless connectivity, allowing staff and faculty the freedom to work out on the Lanai or under the shower tree's shade. The network devices are currently being upgraded to support on-campus connectivity, and the 20 megabits per second pipe that supports external traffic is being upgraded to 1 gigabit per second. These upgrades will enrich the work-life of our staff and faculty and the experiences of our fellows.



DKI APCSS AND COVID-19 ACTIONS

by Prof. Wade Turvold

Six months ago, in December 2019, the personnel of the Daniel K. Inoué Asia-Pacific Center for Security Studies (DKI APCSS, the Center) were busy preparing for another year of courses, workshops, visits, and fellows projects. Meanwhile, at the same time but some 9,000 kilometers away in Wuhan, China, a novel coronavirus emerged that would cause deleterious impact to the Center. In fact, COVID-19, as it would later be known, would grow into the pandemic that would upend the health, economic, social, and geopolitical world order as we know it. Back in Honolulu, the effects of the pandemic incentivized DKI APCSS to adapt and innovate because of the disruptive nature of the coronavirus. This was not by accident, nor was it easy, but proactive leadership and the sense of *ohana* enabled the Center to continue its mission in innovative ways.

HINDSIGHT

DKI APCSS, and the world, watched as the coronavirus slowly, and then rapidly, began spreading throughout the world. Acting in anticipation of the effects of COVID-19, the Center's leadership stood up a COVID-19 Action Team on February 15, 2020. Just a few days later, on February 18, 2020, the State of Hawaii officially reported its first COVID-19 case. The Center was conducting the Comprehensive Crisis Management (CCM 20-1) course when COVID-19 first impacted the Center. As the 110 Fellows attending the course began to prepare for travel home upon course completion on February 26, 2020, the virus had spread to many regions and it was not safe to send them through these places. The Center's travel department rebooked travel for 25 course attendees within a day, and flew them home via alternate routes. This would be the start of massive changes to the Center's in-person engagement.

The Center was soon forced to cancel the Comprehensive Maritime Security Cooperation Course (CMSC 20-1) course, the first of several. Eventually, we cancelled the Indo-Pacific Orientation Course (IPOC

20-1), the Indo-Pacific Strategy Workshop (IPSW), and the Transnational Security Cooperation (TSC 20-1), all courses through June 2020. The U.S. Government and U.S. Department of Defense were also quick to enact travel warnings and restrictions that prohibited travel that these in-person events would have required. Clearly the Center's traditional method of in-person executive education and workshops would not be possible in an environment in which it became unsafe to travel or to interact. The safety of travel notwithstanding, Center leadership was rightly concerned with the health and wellbeing of the Center's personnel.

Three weeks after its first reported case in Hawaii on February 18, the number of COVID-19 infected grew to 145. Computer modeling predicted thousands of cases in the state, and hundreds of deaths, over the next three months. The Center's COVID-19 Action Team was by now actively coordinating with local and military officials in determining the best approach in keeping Center personnel safe while still accomplishing our mission. The Center directed that its personnel stop working at the DKI APCSS facility and begin telework on March 23, 2020. This action was again taken in anticipation of other government officials. Three days later, on March 26, 2020, the U.S. military in Hawaii raised the local health threat warning and directed maximum telework. Concurrently, the U.S. Secretary of Defense and Commander U.S. Indo-Pacific Command, established priorities for the U.S. defense establishment. These priorities, which remain extant, are to protect the safety and wellbeing of our people, to safeguard the country, and to engage the Indo-Pacific region. So despite working from home, the Center never closed and remained open and proactively engaged.

INSIGHT

With its personnel adapting to working from home, but still healthy and contributing, the Center needed a different method of carrying out its vital mission of building resilient capacity, shared understanding, and networked relationships among civilian

and military practitioners and institutions to advance a free and open Indo-Pacific. The Center's vibrant in-person engagement plan for the year 2020 would need to be scrapped and replaced with another way of connecting with our allies and partners. We first considered a revised program of online courses to replace those courses that were canceled due to travel restrictions. But after asking our collaborative partners, and sensing the demand signal in the region, we moved on to a more appropriate process.

Ultimately, DKI APCSS made the bold decision to remain relevant in the rapidly changing COVID-19 environment by moving from in-person executive courses to a virtual program that we called the Comprehensive Security Studies Engagement (CSSE) program. Although it began with a handful of virtual engagements on March 2, 2020, the formal program was implemented on March 27, 2020, and since then we have engaged in hundreds of related events. CSSE was designed to carry out the Center's mission through four basic components: (1) security practitioner engagement; (2) U.S. Government stakeholder engagement; (3) social media and publication; and (4) virtual visit program. This program was pioneering and far-reaching in its goal to use alternative methods of advancing our important mission.

The first component enabled that faculty to be most creative. Given wide latitude to reach fellow security practitioners in the Indo-Pacific region, the faculty collaborated with the Center's alumni division and connected with our alumni network of 13,000+ security experts. After first asking the security professionals themselves how the Center could best assist, faculty then tailored engagement to support these professionals as they grappled with the effects of the coronavirus and the changing security environment because of it. As the situation continues to rapidly evolve, and it becomes clear that the Center will be unable to conduct in-person events for the remainder of 2020, at least for international participants, we are evolving the effort to conduct more targeted virtual engagements for the right audience.

The Center likewise approached the remaining three CSSE components with equal enthusiasm. The Center continues to actively collaborate with our U.S. counterparts on how to best collaborate and assist our allies and partners in advancing the ideals of the Free and Open Indo-Pacific strategy in the changing security environment. Additional themes are the strategic competition in the region, and concepts for economic recovery following the downturn caused by the COVID-19 pandemic. The faculty has also taken this opportunity to step up its research and writing, including publishing many excellent pieces in the DKI APCSS Security Nexus periodical. [Link here to faculty publications online: apcss.org/college/publications](#). The Center will also publish a 25th Anniversary book on the Hindsight, Insight, and Foresight of security challenges in the region in September 2020. Finally, the center continues to host senior security officials, albeit virtually, as we cooperate with the broad community of stakeholders in the region.

All of this effort to advance our mission and to collaboratively engage the region was made possible by concurrent efforts to keep the Center healthy and safe. In addition to entering telework status and curtailing travel early, the Center also acted proactively in other ways. We provided telework equipment and assisted in managing internet access for all hands – not just as a way to enable production, but as a way to keep the workforce informed and safe. We held numerous virtual all hands engagements intended to inform our personnel of developing knowledge of the diseases, on managing stress during long periods of restricted movement, managing finances, and on sustaining healthy nutrition and exercise in this environment. We also developed protocols in the event that Center personnel were affected, and guidelines for modifying the Center's posture during changing conditions. The spirit of caring for our family, our ohana, enabled the Center to develop unique and proactive approaches to carrying out our mission and engage the region.

FORESIGHT

Leadership met with the COVID-19 Action Team regularly to chart our course forward and stay ahead of developments. And while the dire predictions for thousands of cases and hundreds of deaths in Hawaii mercifully did not materialize, the Center remains postured to keep our people safe. This is important as it is clear that our struggle to contain COVID-19 is not over. A second wave of infections is possible as social restrictions are lifted throughout the world. Once again, the Center has proactively approached this possibility by building a flexible academic engagement program for the years 2021

and 2022. We are therefore ready to engage in-person, virtually, or through a hybrid of both as the environment dictates.

From the onset of the COVID-19 pandemic, DKI APCSS adopted a positive, people-centered approach to the new security environment caused by the pandemic. The disruptive nature of the crisis dictated an innovate response that was consistent with the values of the Center, aligned with direction from higher headquarters, and committed to our meaningful mission. We are well positioned to meet the next phase of the pandemic, and will continue to innovate, adapt, and succeed.

A BRIEF TIMELINE OF THE COVID-19 pandemic and DKI APCSS response

December 2019

- 01: First case of viral illness reported domestically in Wuhan, China
- 31: World Health Organization discovers existence of new illness from monitoring media sources

January 2020

- 15: World Health organization declares a public health emergency

February 2020

- 15: DKI APCSS stands up COVID-19 Action Team
- 18: State of Hawaii reports its first COVID-19 case
- 26: DKI APCSS redirects homebound travelers after CCM 20-1 course following regional travel warnings

March 2020

- 2: DKI APCSS cancels the CMSC 20-1 course that would have started on March 19, 2020, the first of 2020 in-person engagements to be canceled
- 2: DKI APCSS begins first virtual engagements, the beginnings of our program later formalized as the Comprehensive Security Studies Engagement (CSSE) program
- 11: World Health organization declares a global pandemic
- 11: U.S. Department of Defense issues worldwide stop travel order, and later extends it through June 30, 2020
- 13: President of the United States declares a national emergency, U.S. Center for Diseases Control and Prevention issues global travel warning
- 19: U.S. Department of State issues global do not travel order
- 23: DKI APCSS commences telework for all hands
- 23: State of Hawaii and Honolulu County both issue Stay at Home/Work from Home order and 14-day quarantine for arriving passengers, and later extend these orders twice through June 30, 2020
- 26: U.S. military commands issue extreme health protection condition warning
- 27: DKI APCSS stands up Comprehensive Security Studies Engagement (CSSE) program

May 2020

- 19: U.S. military commanders delegate authority to set local health protection conditions, the start of a process to relax military restrictions in place since March 2020





03

Distinguished VISITORS



DKI APCSS welcomes official visits as an important and valuable learning opportunity. In keeping with our 'shared learning' model we offer an opportunity for visitors to learn about our mission and we appreciate the opportunity to learn from our visitors about their organizations and their insights on Indo-Pacific security.



07



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- 01. **Ed Case,**
U.S. Representative (D-HI, 1st District)
- 02. **Gen. (ret.) Seung Jo Jung,**
Pres, Korea-US Alliance Foundation
- 03. **Ambassador Earl Miller,**
US Ambassador to Bangladesh
- 04. **Ambassador Peter Roberts**
Australian Ambassador to Timor Leste
- 05. **Ambassador Elizabeth McKee,**
PNG, Solomon Islands, Vanuatu
- 06. **5th Security Force Assistance
Brigade**
- 07. **Ambassador Kamala Lakhdar,**
U.S. Ambassador to Malaysia
- 08. **Spouses of Component
Commanders and Senior
Enlisted Advisors**
- 09. **Ambassador Roxanne Cabral,**
U.S. Ambassador to Republic of the
Marshall Islands
- 10. **Ambassador Peter Haymond,**
U.S. Ambassador to Laos
- 11. **Ambassador Carmen Cantor,**
U.S. Ambassador to the Federated States
of Micronesia
- 12. **Maj. Gen. Ron Clark,**
Chief of Staff, USINDOPACOM
- 13. **Ambassador James Cella,**
U.S. Ambassador to Fiji, Kiribati, Nauru,
Tonga and Tuvalu
- 14. **Ambassador W. Patrick Murphy,**
U.S. Ambassador to Cambodia
- 15. **Advanced Strategic Leadership
Studies Program; School Of
Advanced Military Studies
(SAMS)**
- 16. **25th Infantry Division
Battalions & Aviation Battalion**

HAILS AND FAREWELLS



1) Lt. Col. Alex Botardo thanks the DKI APCSS Ohana for their support at his promotion ceremony. 2) Portal Manager Mr. Michael Shimechero assists Fellows with setting up their accounts on APCSSLINK.org. 3) Ms. Raelyn Brett thanks the Ohana for making her DKI APCSS experience a memorable one at her farewell luncheon. 4) Deputy Director Jim Hirai (left) bids farewell to Mr. Ben Purvis on his last day at the Center. 5) Col. Timothy Farr presents the Joint Service Commendation Medal to Tech. Sgt. Alicia Clark on her last day at the Center.

ARRIVALS

- **Ms. Mark Brandle** - Information Services
- **Maj. Quincy Boles** - College
- **Lt. Michael Bucher** - College
- **Lt Col Howard Eyth** - College
- **Ms. Trina Medonca** - Human Resources
- **Ms. Jennifer Nakano** - Public Affairs
- **Prof. Albert Shimkus** - College
- **Maj. Mike Smith** - College
- **Ms. Wendy Len** - Regional Engagement Ops
- **Ms. Jennifer Butler** - Regional Engagement Ops
- **Maj. Daniel Cedillo** - College
- **Ms. Jan Arakaki** - College Ops

DEPARTURES

- **Mr. Walter Kaneakua** - Exec. Ops. Group
- **Mr. Michael Shimechero** - Public Affairs
- **Mr. Taurean Urquhart** - College Ops
- **Ms. Brett Raelyn** - Travel
- **Ms. Jennifer Nakano** - Public Affairs
- **Lt. Cmdr. Ben Crowell** - College
- **Maj. Jerre Hansbrough** - College
- **Lt. Col. Alex Botardo** - Alumni Div.
- **Maj. Quincy Boles** - College
- **Lt. Col. Jason Clarke** - College
- **Tech. Sgt. Alicia Clark** - Travel
- **Mr. Ben Purvis** - Front Office

VISITING FELLOWS, SCHOLARS & INTERNS

Arrivals

- **Ms. Megan Wolf** - Intern
- **Mr. Joshua Turner** - Intern

Departures

- **Mr. Anu Anwar** - Visiting Scholar

EMPLOYEE SPOTLIGHT

PRESTON HALL

NETWORK TECHNOLOGY DIVISION CHIEF: ANOTHER GIANT AMONG GIANTS



In the last issue of Currents, DKI APCSS featured Tom Patykula as one of the most popular and well-known people to ever work at the Center. This issue features another giant, but one less known. In fact, most Fellows who attend courses at the Center may never cross paths with him.

DKI APCSS Network Technology Division Chief Preston Hall wouldn't have it any other way, but that doesn't mean his work doesn't impact them while at the Center. He and his team make sure the network is fully operational.

"I think of myself as the control center," explains Hall. "I'm in the back observing left and right, (to see) what's going on, what's happening and then be able to quickly adjust. If I'm not seen, then that's good. It means everything is flowing. Everything is good to go."

At around six feet tall, Hall is a big man. Staying out of view is not easy, but he's very honest and open about his social discomfort. Hall learned early to speak in clear and direct language while serving eight years in the Army as a Computer Systems Analyst.

"I actually think of my military experience as a blessing and a hindrance," Hall confessed. "When I was in the Army, my training was to isolate any kind of human feelings or attachment or anything, so the mission could be accomplished. You don't want to be thinking at the last minute, you know, questioning or doing something incorrectly, or not being able to do what you need to do because you have that attachment."

Some may interpret his manner as a bit arrogant or snobbish, but it couldn't be further from the truth. Once you get to know him and learn about his life, everything begins to make sense. He's a busy man with a

somewhat dramatic past.

It all began when Hall discovered the joy of working with computers at the ripe old age of eight, when his family's computer failed. He and his sister had a relatively chaotic childhood, raised by a mostly-single mom who was also a police officer, so as "man of the house," he helped the family as best he could. So, he set out to restore the family computer that required resetting the system password, a difficult task for anyone, especially an 8-year-old. Luckily, his tech-savvy uncle came to the rescue and repaired the computer, but wouldn't let young Preston see how he fixed it.

"This is something you shouldn't know at your age because it might get you into some trouble," he told me. No matter how I tried to look, he said "well if you want to know, you're going to have to do your own research." From that day forward, all I've been doing is researching, working and pushing my interests and tech to the max. So, Uncle Dean was "the guy" who pushed me to peaked my interest in information technology."

This natural thirst for knowledge later followed Hall into the Army. Recognizing his talent, the Army sent him to Iraq, where he set up all functions related to networks for his command.

"I was the lead setting up command post nodes (CPN), kind of like a satellite outside that gives connections for networks," he detailed. "Not only did I have to know the computer part, but I had to know the networking part and I had to know the SATCOM part. So I had to be able to point the satellite, adjust the satellite and configure the network piece. Then I had to know how to tell the user how to connect to the internet."

After the Army, Hall worked as a civilian contractor for the U.S. Marine Corps Forces, Pacific (MARFORPAC) in 2012 and later transitioned into a Federal service position. Though grateful for the new job and being able to move back to Hawaii (a promise to his wife), he had loftier goals in mind.

"There was no room to push the edge of technology or improve how tech is incorporated into the daily lives for such a big entity as MARFORPAC," Hall continued. "What I was looking for was an opportunity to which I can actually have some impact and the ability to actually change an organization to utilize current and future technology, so I was looking for a position that does that for me."

In 2016, when a network technology position opened at DKI APCSS, Hall applied for it but had a few questions. "I called and asked if I would have the opportunity to make changes, be a supervisor and push the organization forward, and they said yes. So, I said I'd love to join the ohana."

Since joining his team at DKI APCSS, Hall has at least partially made his dream come true. Fortunately, his Army experience of working within bureaucracies, budget limitations and political dynamics, etc., came in handy. Interpersonal relationships are a work in progress.

"Emotion plays a bigger part, a large part of how our work is done at the Center," Hall elaborated. "So, because I was in that (Army) environment for so long, it's kind of limited my experience how I've been able to service fellow members of our family - be able to appropriately address concerns, be able to make sure I don't get frustrated, come into play. As far as the technical side, which is the blessing, pretty much anything we do, I've

Continue to next page

Continued from previous page

got covered. I can give direction to my staff. We're able to accomplish anything when we work together, so that's the blessing. Fair, is the biggest thing I'd like my coworkers to see me as," he emphasized. "Fair, compassionate and loyal."

It could be argued that Hall was largely responsible for helping the DKI APCSS Information Technology department's immediate response to the COVID-19 pandemic, by providing a teleworking capability that has allowed the Center to stay connected to regional partners and alumni.

"The unprecedented move to maximum telework due to COVID-19 created a new challenge for the Information Services Department (ISD)," said Jake Ross, Hall's department head. "The Team needed to find new ways for the Center to communicate and collaborate, as well as equip and educate the staff and faculty. Preston was the driving

force behind much of the innovation that we have benefited from."

Hall appreciates that rarity of realizing a dream in his career field.

"My main goal at DKI APCSS is to make our team a mobile workforce, no matter where you are in the world. Being able to give them access to information on any government device and the information they access should be the same.

"Because of budget limitations, I had to go slowly, continuously build up our infrastructure and everything else," he explained. "We've had to stagger our purchases through the years and luckily we've had the money to get those purchases. We could've had this done before the pandemic, but now the pandemic has put a high importance on it."

When Hall is not leading a team of network technology specialists at the Center, he runs his own private business and still

has time to teach computer security.

"I just have to make sure I'm giving my family enough time," he confessed. "My wife complained about me not spending enough time with family but since the pandemic began, now I see her every day."

One of DKI APCSS' guiding principles is inclusion – "to seek to involve the broadest range of stakeholders and ideas," and embrace all perspectives and personality types. Leveraging the talent from all perspectives is what DKI APCSS is all about.

So, if you ever cross paths with Preston Hall, don't expect a hug and don't be offended by his shifting gaze. He's listening, and his heart's in the right place.

Just like many others at DKI APCSS, he's got a lot on his plate and is probably already thinking about a solution to your computer problem, or a myriad of other challenges he faces each day.

INFORMATION SERVICES DEPARTMENT, 'BEST OF THE BEST' *Continued from pg. 35*

The Network Technology and Information Assurance divisions maintain and protect their networks via patches and updates at regularly scheduled intervals, or when necessary – all while maintaining Department of Defense Information Assurance Computer Network Defense directives.

But, that's not all.

When Secretary of Defense Dr. Mark T. Esper was asked to be the keynote speaker in the DKI Speaker Series at the Center August 26, ISD again rose to the occasion. ISD recognized that the existing equipment in Maluhia Hall would not support a virtual event. VI swiftly identified, procured, and

tested the new equipment to ensure we could bring a global audience to Maluhia Hall. Unique setups were required due to social distancing protocols, and a small footprint was maintained to ensure the safety and well being of all participants. The entire event was live-streamed, again, courtesy of ISD, and was viewed by thousands around the region. ISD and their Visual Information department executed the event flawlessly, with no breaks in airtime and no fumbles. Follow-up correspondence from Secretary Esper's staff indicated they were all impressed with the professionalism of the ISD team and their

execution of the event.

However, the entire ISD team is involved in almost every facet of all the services they provide and do so with professionalism, courtesy and respect. Given the many challenges this department faces each day and all of the services they provide, probably the most impressive characteristic of this team is the "can-do" attitude of each team member, and their ability to provide services of the highest caliber to the Center and all others who benefit from their expertise.

Due to the COVID-19 outbreak, the DKI APCSS FY21 course schedule has been adjusted. DKI APCSS is currently planning to host the following courses in the coming months.



- Indo-Pacific Orientation Course (November 2020, January 2021, May 2021)
- Transnational Security Cooperation course (Spring and Summer 2021)
- Comprehensive Maritime Security Cooperation course (April 2021)
- Comprehensive Security Response to Terrorism course (Summer 2021)

If necessary, due to international travel restrictions, some of these courses may be held virtually.

Check the DKI APCSS website at apcss.org for updated course information.

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U.S. Navy

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Dr. Elizabeth Kunce - International Humanitarian Assistance; Disaster Response; Security Cooperation; International Relations; Civil-Military Operations; Soft Power; & Democratic Policing.

Prof. J. "Lumpy" Lumbaca - Counter-Terrorism, Indo-Pacific Security Cooperation, Crisis Management and Interagency Affairs.

Kimberley B. McCann, Capt., U.S. Navy - International Law

Jim McMullin, Capt., U.S. Navy - Security Cooperation, Foreign Military Sales

Dr. James M. Minnich - Korea, Negotiations, Gendered Security, Education Security Sector Development, Organizational Change, Leadership

Dr. Inez Miyamoto - Cybersecurity, Transnational Crimes, Supply Chain Security, Resilience Development, Intellectual Property Rights, & Women Peace and Security.

Dr. Sam Mullins - Terrorism, Counter-Terrorism, Preventing and Countering Violent Extremism

Tin T. Nguyen, Maj., U.S. Air Force - Practitioner in Military Operations and Planning, Security Cooperation, Cyber

Dr. Al Oehlers - Economics, Southeast Asia, Pacific Islands, Space Security

Armenio G. Salaguinto, Maj., U.S. Marine Corps - College Operations

Albert J. Shimkus, Jr. - Humanitarian Assistance & Disaster Relief; Leadership; Policy Development

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Prof. Wade Turvold - Maritime Security, Strategy, National Security, Military Operations

Dr. Alexander Vuving - Asian Security, China, Vietnam, Southeast Asia, South China Sea

Dr. Virginia Bacay Watson - Science & Technology Policy, S.E. Asia, Water Security

Dr. William A. Wieninger - Weapons of Mass Destruction and Nuclear Deterrence, Energy Security, and Countering Terrorism, Geopolitics, Indonesia, Cyber security, and Women, Peace, and Security

Dr. Saira Yamin - Negotiation, Conflict Resolution and Peacebuilding; Gender and Security; South Asia; State Fragility and Stabilization Processes

* Regional Engagement Operations Officer

** Denotes Service Fellow in a six-month or one year assignment.

FACULTY

Dr. Ethan Allen - Crisis Management; Oceania; Appropriate Science and Technology

Dr. Virginia Bacay-Watson - Science & Technology Policy, S.E. Asia, Water Security

Antony Brown, Maj., U.S. Air Force* - Aircraft Maintenance, Defense Acquisition Management

Michael S. Bucher, Lt. Col., U.S. Air Force - Security Cooperation, Northeast Asia, Mathematical Analysis and Design of Experiments, Aircraft Maintenance

Prof. Michael C. Burgoyne - Security Cooperation; International Affairs, China and Taiwan

Dr. Miemie Winn Byrd - U.S. - Burma/ Myanmar relations, Asia-Pacific economics, organizational development/innovation, adult learning/education, Southeast Asia, Leadership and Gender & Security

Dr. Deon Canyon - Crisis Leadership & Management; Complex Systems and Strategic Thinking; Oceania.

Dr. Sungmin Cho - Korea, China and Geopolitics of Northeast Asia

Ben Crowell, Lt. Cmdr., U.S. Coast Guard ** - Maritime Homeland Security

ADMISSIONS & BUSINESS OPERATIONS

Dean - Richard Sears

ADMISSIONS

Chief - Tom Patykula

Registrar - Pearl Peiler

Recruiter - Terry Slattery

Alumni - John Gasner

Email: AdmissionsDept@apcss.org

alumnidivision@apcss.org

PUBLIC AFFAIRS

Chief - Mary Markovinic

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