



The Brute Krulak Center for Innovation and Creativity

Quarterly Newsletter

INSIDE THIS ISSUE:

2 - Ribbon Cutting Ceremony

Notable Events:

3 - Innovation Summit Phase I

4 - Innovation Summit Phase II

5 - The General Graves B. Erskine
Lecture Series - Event 4

6 - Bren Chair Writings:
Myth of Cyber Offense:
The Case for Restraint
By: Dr. Brandon Valeriano &
Dr. Benjamin Jensen

Center Highlights:

7/8 - February

8 - March

9/10 - April

11 - May/June

12 - Coming Soon

From the Director - Valerie Jackson

Dear Friends and Supporters,

I'm pleased to announce that the Krulak Center had a banner inaugural year. Over the course of the school year, we've touched more than 1,700 students, engaged with our Sister Services, partner nations, PME enterprise, and Marine Corps sister units to both share with and learn from those in this space. It's been tremendously rewarding to empower and support the amazing Krulak Center Team—to set them loose to do what their talents and passions propel them to do. I'm especially happy to note that our MCUF Bren Chair for Non-Western Strategic Thought, Dr. Chris Yung, has won the prestigious University-wide civilian faculty Rose Award for teaching excellence and influence across the MCU spectrum. Congratulations Chris!

As we close this academic year we sadly say farewell to some of our military and civilian team. Getting the Center up and running has been a true team effort. This has been especially true of our operations officer, Maj Tim Riemann, who intuitively grasped and executed in a way that surely had The Brute ooh-rahing from "Heavens Scenes." He's off to the School of Advanced Warfighting where he will surely be tested, but I'm confident will launch into a greater sphere of influence that will put his talents to use for Corps and Country. LtCol Matt Chambliss has been our no-nonsense Deputy Director—calm, cool, and competent—anchoring some of our crazier ideas in reality and pragmatism. He's off to be the Director of the Marine Corps Civil Military Operations School. Maj Rob Arant has volunteered to twilight his Marine Corps career as an individual augment to MARCENT—going out "in the fight" as Marines are wont to do. As a Krulak Center plank-holder, back when we were just an idea and a couple of desks, Rob carried the water with humor and professionalism. Dr. Jeb Nadaner held the first full time Director position and he and Maj Arant began their work to establish the Krulak Center as an innovation hub. He graciously passed the baton to me and has supported our every initiative. All of you will be missed, and have my deepest gratitude.

Semper Fidelis,
Val

Ribbon Cutting Ceremony

March 27, 2019

The Krulak Center had its ribbon cutting ceremony to mark the official opening of the center. The event began in the Horner Auditorium in the Gray Research Center. Remarks were made by BGen Bowers, President, Marine Corps University (MCU), Gen Charles C. Krulak (Ret.), 31st Commandant of the Marine Corps, and Senator John Warner (Ret.). Seven Marines who benefited from The Krulak Center's programs gave short presentations about the positive impact the center had on their research and overall professional military education. At the conclusion of the remarks and presentations, the event moved to the Krulak Center where the actual ribbon cutting ceremony was performed, and LtGen "Brute" Krulak's photo and Higgins Boat statue were unveiled.



General John R. Allen, USMC (Ret.) escorts Senator John Warner (Ret.) to the Krulak Center.



Gen Charles C. Krulak (Ret.), 31st Commandant of the Marine Corps and Ms. Valerie Jackson, Director, The Krulak Center → cut the ribbon to officially open the center.



Unveiling of LtGen Victor "Brute" Krulak's photo and Higgins Boat statue, which is only 1 of 5 statues ever made. The Higgins Boat statue was given to then Col Krulak in 1944, by Andrew Higgins.

← Right to left: Gen Alfred M. Gray Jr. (Ret.), 29th Commandant of the Marine Corps; Gen Charles C. Krulak (Ret.), 31st Commandant of the Marine Corps, Ms. Valerie Jackson, Director, The Krulak Center, Gen John R. Allen, USMC (Ret.), & Gen Carlton Fulford, USMC (Ret.).

Notable Events

March 27, 2019 - Innovation Summit Phase I - Futurist Panel and Tech Demo

At the conclusion the Krulak Center's ribbon cutting ceremony, MCU and the Krulak Center conducted the first portion of its annual Innovation Summit. The summit included a futurist panel, which consisted of Dr. Harlan Ullman, Ms. Kara Frederick, and Mr. Nate Fick and was moderated by LtCol Michael Aldridge. The panel discussed a wide range of topics related to the future of warfare to include cyber, artificial intelligence, and 5G technology. Adding to the panel, the Krulak Center hosted several vendor booths to display their various technology projects to all MCU students, faculty, and staff. Vendors in attendance included both Marine Corps entities as well as private companies.

Tech Demo participants included:



Left to right:

Dr. Harlan Ullman, the Chairman of Killowen Group and a Senior Advisor at Washington D.C.'s Atlantic Council, Ms. Kara Frederick, the Associate Fellow for the Technology and National Security Program at the Center for a New American Security (CNAS), Mr. Nate Fick, CEO of Endgame, and LtCol Michael Aldridge, Marine Corps War College (MCWAR) student.

Notable Events

April 24, 2019 - Innovation Summit Phase II -

Gen James L. Jones (Ret.) Lecture and Student Presentations

The second portion of the Krulak Center's second annual Innovation Summit was conducted on April 24th. This portion consisted of a lecture given by Gen James L. Jones (Ret.), 32nd Commandant of the Marine Corps and former Commander, United States European Command and Supreme Allied Commander Europe, on "America's Strategic Challenges in the 21st Century." Following the lecture, eight current students, from MCU's resident PME institutions at Quantico, and one Marine student, from the Army's School of Advanced Military Studies, each gave a presentation on a topic that demonstrated creative-problem solving applied to a real-world issue.



General Jones (Ret.) discusses the United State's worldwide strategic challenges to the students, faculty, and staff of MCU.



Student presentation topics ranged from discussions on Artificial Intelligence, Complex Thinking (Tactical Agility), Energy Training, UAS swarms, and developing innovation within Marine Corps units. Students from Expeditionary Warfare School (EWS), Command and Staff College (CSC), School of Advanced Warfighting (SAW), Marine Corps War College (MCWAR), and Army's School of Advanced Military Studies (SAMS) presented their innovative/creative thesis topics to fellow students, faculty, and staff.

Notable Events

April 25, 2019 - The General Graves B. Erskine Lecture Series - Event 4

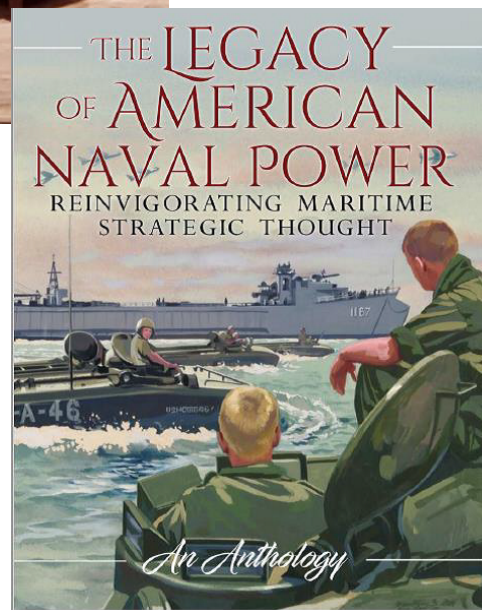
General Robert Neller, the Commandant of the Marine Corps, and Admiral John Richardson, the Chief of Naval Operations, took part in a discussion at Marine Corps University on the future of maritime power. The discussion was moderated by Dr. Christopher Yung, the Donald Bren Chair of Non-Western Strategic Thought and a member of the Krulak Center. The moderated discussion constituted lecture # 4 for the University's series on thinking and writing more deeply on Naval Expeditionary Power. The event was attended by all of the schools in the MCU umbrella, including all students, faculty and administrative staff. General Alfred Gray (Ret.), the 29th Commandant of the Marine Corps was a special guest for the event. The gathering was also an opportunity for the University to recognize essay contest winners from throughout the Marine Corps who had submitted essays on the subject of improving innovation in operations. Following the moderated discussion, the audience was invited to ask questions to both Service Chiefs.



Left to right:
General Robert Neller, the Commandant of the Marine Corps, Admiral John Richardson, the Chief of Naval Operations (CNO), and, moderator, Dr. Christopher Yung, Donald Bren Chair of Non-Western Strategic Thought.

The University's History Division developed an anthology that complements this year's lecture series focused on "Reinvigorating Maritime Strategic Thought: The Future of Naval Expeditionary Forces." A printed copy was given to the Commandant and CNO as gifts for their attendance.

The Anthology's Contributing Editor: Paul Westermeyer
Art Editor: Breanne Robertson, PhD



The entire document is available for download by clicking [HERE](#).



Bren Chair Writings

The Myth of the Cyber Offense: The Case for Restraint

By: Dr. Brandon Valeriano, Bren Chair for Armed Politics &

Dr. Benjamin Jensen, Associate Professor of International Relations, Command and Staff College

Great-power competition in the 21st century increasingly involves the use of cyber operations between rival states. But do cyber operations achieve their stated objectives? What are the escalation risks? Under what conditions could increasingly frequent and sophisticated cyber operations result in inadvertent escalation and the use of military force? The answers to these questions should inform U.S. cybersecurity policy and strategy.

In the context of recent shifts in cybersecurity policy in the United States, this paper examines the character of cyber conflict through time. Data on cyber actions from 2000 to 2016 demonstrate evidence of a restrained domain with few aggressive attacks that seek a dramatic, decisive impact. Attacks do not beget attacks, nor do they deter them. But if few operations are effective in compelling the enemy and fewer still lead to responses in the domain, why would a policy of offensive operations to deter rival states be useful in cyberspace?

We demonstrate that, while cyber operations to date have not been escalatory or particularly effective in achieving decisive outcomes, recent policy changes and strategy pronouncements by the Trump administration increase the risk of escalation while doing nothing to make cyber operations more effective. These changes revolve around a dangerous myth: offense is an effective and easy way to stop rival states from hacking America. New policies for authorizing preemptive offensive cyber strategies risk crossing a threshold and changing the rules of the game.

Cyberspace to date has been a domain of political warfare and coercive diplomacy. An offensively postured cyber policy is dangerous, counterproductive, and undermines norms in cyberspace. Many have promoted the idea of a coming "Cyber Pearl Harbor," but instead the domain is littered with covert operations meant to manage escalation and deter future attacks. Cyber strategy and policy must start from an accurate understanding of the domain, not imagined realities.

Senior leaders throughout the federal government should consider a more prudent and restrained approach to cyber operations. We argue for a defensive posture consisting of limited cyber operations aimed at restraining rivals and avoiding escalation. At the same time, the United States should focus on protective measures to make U.S. systems less vulnerable and on sharing intelligence with allies and partners. A policy of restraint that maintains control over the weapons of cyber war is strategically wise.

Read the full version by clicking [HERE](#).

Center Highlights

FEBRUARY – On Feb 12th, HE Ambassador Andris Teikmanis, Ambassador of the Republic of Latvia to the United States of America, and Colonel Dzintars Roga, Latvian Defence, Military, Air and Naval Attaché in Washington DC, gave a lecture on *Securing Transatlantic Alliance: US Role in the Baltics* as part of the Middle East Studies AY19 Lecture Series.

The Krulak Center hosted the fourth annual Sea Dragon War Game featuring teams from each school within MCU. From Feb 13-26th the teams faced off in a single elimination bracket. The School of Advanced Warfighting won the final round and took home the coveted Spartan shield to host at SAW for a year.

On Feb 26th, SgtMaj Green, Sergeant Major of the Marine Corps, visited the Krulak Center.

(Left to right) HE Ambassador Andris Teikmanis, Dr. Amin Tarzi, Director, Middle East Studies, and Colonel Dzintars Roga.



Students execute the final round of Sea Dragon via wargaming software, moderated by Dr. Benjamin Jensen, Command and Staff College.

(Left to right) SgtMaj Green, SSgt Garcia, and SSgt John tour the Krulak Center.



Center Highlights

FEBRUARY – On Feb 27th, Dr. Williamson Murray gave a seminar to the Krulak Center staff on military effectiveness and other topics. During the lecture, the Krulak Center staff discussed possible improvements to MCU curriculum. BGen Bowers attended the seminar as well.



Dr. Williamson Murray (*top right*), (*from bottom right - clockwise*) - Mr. JD Work, LtCol Chambliss, Maj Arant, Dr. Valeriano, Ms. Jackson, Maj Riemann, Mr. Bishop, Dr. Baskin, and Dr. Harmon.

MARCH – On Mar 5th, BGen Toveiri, Finnish Military Attaché to the U.S. and Canada gave a lecture to MCU staff and students on threats posed to Finland's national security and Finnish responses to those threats. Afterwards, he answered questions for 30 minutes.



BGen Toveiri speaking on Finnish - U.S. bilateral training programs.

Center Highlights

APRIL – On April 8th, the Krulak Center hosted the Marine Corps War College (MCWAR) Global Wargame. With assistance from the Marine Corps Warfighting Lab (MCWL), the wargame had students engage three simultaneous operational level conflicts - (Poland, Taiwan, and Korea) fought on a global scale.

On April 23rd, LtGen Dana, Director of the Marine Corps Staff (DMCS), stopped by the Krulak Center to talk education and innovation.



MCWAR students contemplate their strategy and plan their next moves on the board.

From left to right: Mr. Donald Bishop, Mr. Adam Seitz, Dr. Christopher Yung, LtGen Dana, LtCol Matt Chambliss, Maj Rob Arant, and Dr. Amin Tarzi.



Center Highlights

APRIL – On April 26th, Marine Corps University played host to China's PLA National Defense University Tigers' Course (O7 equivalents). The Chinese military visit is part of the US-China Military-to-Military Plan signed by the Joint Staff and China's Central Military Commission. The students, all Senior Colonels or the equivalent of our Brigadier Generals, were led by Major General Zhao Wenhua, the Vice President of PLA NDU. The Chinese visitors initially went to the U.S. National Defense University. Their visit to Quantico involved an office call with BGen Bowers, briefings at the Krulak Center, and a tour of the National Museum of the Marine Corps. The visitors then departed for meetings at the Pentagon with the Joint Staff. The briefs at the Krulak Center included a command brief for MCU, a command brief from Krulak Center, and a brief from the Bren Chair of Non-Western Strategic Thought on China related subjects taught at MCU.

Brigadier General Bowers, President MCU, and Major General Zhao Wenhua enter Breckinridge Hall for an office call.

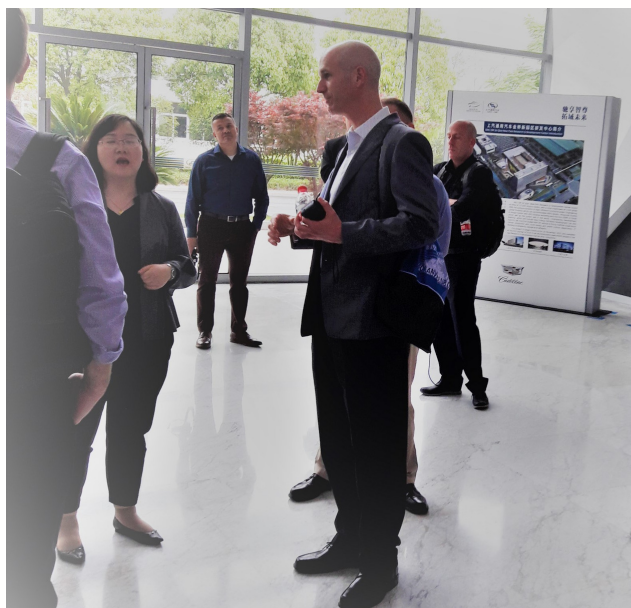


Dr. Christopher Yung gives his brief on China related subjects taught at MCU.

Center Highlights

MAY/JUNE – From May 10th through the 24th, Dr. Christopher Yung traveled with the Marine Corps War College (MCWAR) to Southeast Asia. Travel stops included Taiwan; Vietnam, during which they visited with the Director of Policy, and International Affairs, Ministry of National Defense; and Shanghai, where students visited the General Motors-Shanghai Automotive Innovation Center.

On June 3rd, Dr. Chris Yung received the prestigious University-wide civilian faculty Rose Award for teaching excellence and influence across the MCU spectrum.



MCWAR students tour the General Motors-Shanghai Automotive Innovation Center

Dr. Christopher Yung accepts the Rose Award.
From left to right: BGen Bowers, President MCU,
Dr. Christopher Yung, & Col Jon Sachrison,
USMC (Ret.), Marine Corps University
Foundation.





Coming Soon

FUTURE EVENTS

- June 2019 - Innovation Bound Faculty Development Course

July 2019 - Krulak Center AY20 Whiteboard Session begins

August 2019 - The Krulak Center MARFORPAC/ III MEF Road Show

September 2019 - Middle East Studies Afghanistan Symposium



The Brute Krulak Center
Alfred M. Gray Marine Corps Research Center
2040 Broadway Street
Quantico, VA 22134

Contact the Krulak Center at The_Krulak_Center@usmcu.edu with questions or newsletter articles.

Follow us: @TheKrulakCenter

