



# The Brute Krulak Center for Innovation and Creativity

*Quarterly Newsletter*

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## From the Director - Valerie Jackson

Friends and Supporters of the Krulak Center,

Welcome to Academic Year 21! It has been an eventful summer for us here at Marine Corps University, and let me assure you that Team Krulak has continued to keep our foot on the accelerator. From incorporating new staff, to launching new wargaming initiatives, to rolling out a new PME portal for the University, the Marines and academic staff of the Krulak Center have continued to do incredible work. Recently I came to the realization that my leadership mantra of “equip and empower” is equivalent to “building skills for proficiency and building skills for creativity.” As you’ll see in this edition of the newsletter, we’ve built proficiency or creativity in each one of our efforts. Whether it’s the creation of the #BruteCast or our latest wargame competition, our team has continued to create new programming that challenges existing paradigms and enriches the student experience. Please take advantage of our newest venture, “The Landing,” an interactive web portal. We borrowed heavily from our Australian partners at “The Cove” and our Army friends at Modern War Institute to help us realize a dream of now retired MajGen Mullen, former commanding general of TECOM. Engage with us and our network there! Best wishes for continued health and well-being and thanks for reading!

Semper Fi,  
Val

The Krulak Center is located in the Gray Research Center, 2nd Floor, Rm. 226 on MCB Quantico.  
Contact the Krulak Center at [The\\_Krulak\\_Center@usmcu.edu](mailto:The_Krulak_Center@usmcu.edu) with questions or newsletter articles.

Follow us: @TheKrulakCenter



# KRULAK CENTER HIGHLIGHTS

*MIDDLE EAST STUDIES, WARGAMING, KRULAK CENTER SCHOLASTIC PROGRAMS, OUTREACH / BRUTEMEDIA, THE LANDING, AND OPEN HOUSE*



## MIDDLE EAST STUDIES



### Professional Military Education (PME) Activities

- 1) Advised and mentored several CSC MMS students and headed/participated in several MMS committees.
- 2) SEPME brief on Iran, 24 Aug
- 3) MCWAR, upcoming panel on Iran projected for 23 Nov
- 4) CDET, a new class on Israel for CEP is coming soon!

Dr. Amin Tarzi virtually participated in the NATO Defense College (NDC) lecture series to address the NATO Regional Cooperation Course 24 (NRCC 24) on “South-Asian Security Issues”



**Past, Present, and Future Strategies and Challenges in Afghanistan**

NATO Regional Cooperation Course 24 (NRCC-24)  
NATO Defense College, Rome, Italy  
(Delivered Virtually)

09 October 2020

Prof. Amin Tarzi  
Director, Middle East Studies, Krulak Center  
Marine Corps University Quantico, Virginia, USA

# MES Publications

- Amin Tarzi, "Khorasan in Modern Islamist Ideology" Encyclopaedia Iranica (Brill, 2020).
- MES Insight v11, issue 3 by Arnaud Peyronnet, "Turkish Ambitions in the Mediterranean: Towards an Acceleration of Naval Frictions with Europe?" Read [HERE](#)

## The Strategic Benefits to the US and Israel of Offering F-35s to the UAE

By Dr. Amin Tarzi  
September 18, 2020



**EXECUTIVE SUMMARY:** The official normalization of relations between Israel and the United Arab Emirates (UAE) is a rare victory for the United States' overall political and military strategy in the Middle East and has significant global implications. Should Israel elect to accept a measure of risk by supporting the sale of F-35 fighters to the UAE, both parties could see immediate as well as long-term benefits.

In *The Diplomat*, Dr. Amin Tarzi and Major General Julian D. Alford (USMC) talk about the need for an enduring U.S. presence in Afghanistan. Read it [HERE](#)

## The Need for an Enduring US Military Presence in Afghanistan

U.S. interests in Afghanistan are enduring and will need to be safeguarded into the future.

# WARGAMING

During this quarter, the Krulak Center continued to expand its own knowledge base as a wargaming facilitator to MCU, as well as provide wargaming support to external entities.



#TeamKrulak and EWS instructors participated in the Marine Littoral Regiment wargame developed by Krulak Center Non-Resident Fellow, Mr. Sebastian Bae and his design team from Georgetown University!

The Horner Wargaming Competition is a MCU and other participating PME institutions event, consisting of five-person teams (plus Coach). Everyone is invited to compete for bragging rights, where the wargames simulate Napoleonic battles, using the simple, easy to learn - Napoleon at War (SPI) game rules.



Captains Madison Carroll, Brendan Carroll, and William Cunningham proposed a serious game to the USMC Commandant's Innovation Challenge--and won! MIT's Lincoln Labs spearheaded the project designed by EWS students from the class of 2019, and provided players with a unique opportunity to test logistics in support of maneuver forces during an amphibious operation.



# LIEUTENANT GENERAL VICTOR H. KRULAK SCHOLARS

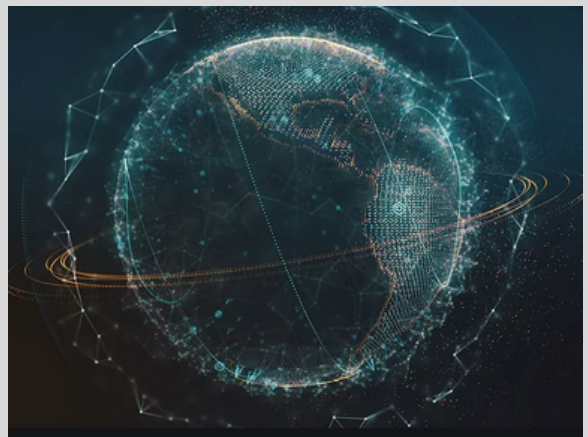
The Krulak Scholars are a group aimed at studying the Marine Corps' ability to win future wars. This year, a select group of students from across all Marine Corps University's Schools will tackle the following challenge: "What aspects of great power competition in third party countries should U.S. service members strive to understand beyond great power conflict?" The recent re-emergence of Great Power Competition demands that U.S. service members understand what lies beyond head-to-head combat, including how influence and competition operate in third party countries. These students will interact with academic, media, and other professionals with expertise in international affairs, alliance management and interoperability, and the perspectives of America's strategic competitors.



# GENERAL ROBERT H. BARROW FELLOWSHIP



The Barrow Fellowship is a Krulak Center program designed to increase the collective understanding of major issues in national security and strategy. Members of the fellowship come from various schools within MCU, the Capital Region, and others. In its inaugural year, the fellowship answered the question: "In addition to military matters, what aspects of US-China great power competition should US service members strive to understand?" This year, the fellowship shifts focus to the following: "In an era of renewed Great Power Competition, what is the role of the space domain? How important are specialized space forces for intelligence, communications, and warfighting? How does the United States Marine Corps contribute to and utilize space operations in the future operating environment?" In the coming months, the Barrow Fellowship will invite an array of practitioners, academics, policy makers, and government officials to help its fellows answer these critical questions.



# Krulak Center Outreach



In July we hosted LtGen Chiarotti, Deputy Commandant for Installation and Logistics, providing him an overview of the Krulak Center and discussing ways to better include logistics into our activities and wargames. This led to us hosting the Logistics Innovation Office, where we discussed innovative problem solving in logistics, new technologies, and ways to collaborate in the future!



Dr. Weber and members of the Krulak Center engaged with Dr. Michael Dennis, Chief of Strategic Futures for the Army Futures Command. Together, they discussed how research into Great Power Competition can inform new concepts and a better understanding of the Future Operating Environment.



MCWL, Rapid Capabilities Office visited the Krulak Center and provided an overview of their ongoing initiatives, exploring how their efforts and student research at MCU can combine to influence Fleet capabilities!



# Krulak Center Outreach continued...



MIT Lincoln Lab and Krulak Center Non-Resident Fellow, Mr. Erik Limpaecher provides an update on MIT's ongoing initiatives to assist warfighters with technological innovation

Brightline Interactive demonstrated a potential application for use across the Marine Corps' training and educational enterprises. These technologies have much to offer in the realm of "enhanced learning," and this realm covers everything from individual tactical tasks to the collective planning and decision-making of Marine Air-Ground Task Force, joint, and combined staffs.

**Leading the Nation in Simulation and Training Innovation**

**TECHNOLOGY CAPABILITIES**

- VR | AR | XR | Design and Programming
- Custom Sensor Integration
- Photorealistic 3D Development
- Unity 3D/Unreal Engine Development/Rendering
- Artificial Intelligence (AI) Machine Learning, Computer Vision
- Hardware Engineering/Fabrication
- Semi/Permanent Installation
- Logistics and Production
- Haptics and Biometry Tracking (Neuro/Physiological Tracking)
- Performance-Driven Immersive Training Platforms

**KEY DIFFERENTIATORS**


- 16 Years of Government Contracting Experience
- Rapid, 4-6 Week Development Timeline
- First to Create Sensor-Integrated Vehicle Simulation
- Delivered Largest Civil Government-Funded VR Project
- In-House, End-to-End System Design, Integration, Engineering and Deployment

**brightline**


Since 2004, Brightline Interactive has been creating award winning virtual and augmented reality (VR/AR) simulations and other interactive technologies. We innovate through custom platform development for VR/AR and tailor solutions to augment training and simulation standards to accomplish diverse and complex, hands-on tasks.

Our Director, Ms. Valerie Jackson, participated in the "State of the Marines" Editorial Panel for Defense One. Following the Keynote Interview with General David Berger, Commandant of the U.S. Marine Corps, the panel explored the future of the Marines' strategic priorities and discussed topics critical to the success of its mission.


**Speakers**




**General David Berger**  
Commandant  
U.S. Marine Corps  
Keynote Speaker




**Christian Brose**  
Chief Strategy Officer  
Anduril Industries  
Senior Fellow  
Carnegie Endowment for International Peace  
Editorial Panelist




**Representative Mike Gallagher**  
R MI 8th  
U.S. House of Representatives  
Editorial Panelist



**Kyleanne Hunter**  
Senior Adjunct Fellow  
Center for New American Security  
Editorial Panelist



**Valerie Jackson**  
Director of the Brute Krulak Center for Innovation & Creativity  
Marines Corps University  
Editorial Panelist



**Katie Bo Williams**  
Senior National Security Correspondent  
Defense One  
Moderator



# *The Krulak Center Team Grows!*

The Krulak Center welcomed our new Digital Media Specialist, Isabella Troncoso; Captain Benjamin Herbold, our recent addition from the Naval postgraduate School (NPS); and LtCol Jeremy Glauber, the Special Forces Liaison to MCU!

Captain Herbold is an Infantry Officer who served as a Rifle Platoon Commander and Weapons Company Executive Officer for 1st Battalion, 8th Marines. Following his time with 1/8, he attended the Naval Postgraduate School where he earned a MS in Information Warfare Systems Engineering. His formal military education includes Expeditionary Warfare School, Weapons and Tactics Instructor Course, Fire Support Coordination Course, and the French Commando Moniteur Course in Mont Louis, France. He currently serves as the Technical Information Operations Officer for the Brute Krulak Center for Innovation and Creativity.



Isabella graduated from Nova Southeastern University with a Bachelor's degree in Business Management along with her MBA specializing in Marketing. In her previous role, she supported the company as a Marketing Support Specialist but assisted with graphic design whenever needed as well. Isabella has additional experience working in Human Resources, Sales, and Management. Isabella joined the Krulak Center in August 2020 as the Digital Media Specialist and oversees social media management along with completing any administrative processes.



# *The Krulak Center Team!*

Lieutenant Colonel Jeremy T. Glauber is a Special Forces Officer in the US Army with over 23 years of service. He served as a Policy and Strategy Advisor in his two most recent assignments to NATO at the NATO Special Operations Headquarters (NSHQ) in Mons, Belgium and the Allied Rapid Reaction Corps (ARRC) in the United Kingdom. Additionally, he served on the Army Staff, Office of Chief Legislative Liaisons, House Liaison Division and OSD Staff, ASD SO/LIC (DASD SO&CT). He served at the operational and tactical levels in command and staff positions on two separate occasions at 10th Special Forces Group (Airborne), Ft Carson, CO. He received a Master of Operational Studies Degree from the Marine Corps School of Advanced Warfighting (SAW), a Master of Policy Management Degree from Georgetown University, and a Bachelor of Science Degree from Xavier University (OH). LTC Glauber currently serves the Krulak Center as the Marine Corps University Special Operations Chair. He is married with two children.





# M BRUTE D I A



Through this summer and into the fall, #TeamKrulak has leveraged our Bren Chairs and Non-Resident Fellows to develop digital PME content accessible to all students and our community of interest on our YouTube channel. Our #BruteCast series is now approaching 20 episodes, and will continue to be a weekly programming feature from the Krulak Center. Look for upcoming guests on our emails and social media channels!



Ep. 7 - Dr. Kyleanne Hunter focuses on the difference between gender "inclusion" and "integration" in meeting the Commandant of the Marine Corps' planning guidelines.



Ep. 12 - "Move, Shoot, Communicate, Innovation," with Sgt Chris Elles, New Zealand Army (Reserves)



Ep. 14 - "On Innovation and Institutional Identity," with Dr. Aimee Fox (Kings College London) & Dr. Heather Venable (USAF Air Command and Staff College)

Visit #TeamKrulak's YouTube channel at:  
<https://www.youtube.com/channel/UCcIY Z84VMuP8bDw0T9K8S3g>

Upcoming Guests include:

- Edward Hess, co-author of "Humility is the New Smart"
- August Cole, co-author of "Ghost Fleet" and "Burn-In"
- LtGen Michael Dana, USMC (Ret.)
- Non-Resident Fellows Emma Moore, Paul Diehl, Patrick James, Leah Windsor, and more!

# Destination Unknown Vol. 2

Students are back to school, and we're reaching the finish line for Destination Unknown volume 2! The creative and editorial teams are in the final stages of post-production, and then this incredible Marine/joint/allied-created examination of future war will be in your hands!



Here are the stories and author/artist teams coming your way in vol. 2:

## "China's Engineered Emergency"

Author: Maj Austin Duncan, USMC

Artist: SSgt Shannon Winslow, USMC

## "Urquhart Redux: A story from the AugoStrat Corps Saga"

Authors: Major General Mick Ryan (Australian Army) & Doctor Therese Keane

Artists: Midshipman Alvin Do (Royal Australian Navy) & Officer Cadet Natasha Silver (Royal Australian Air Force)

## "Rock the Boat, Sink the Ship"

Author: AT1 Richard Walsh, USN

Artists: Cpl Jerrod Moore, USMC & GySgt Daniel K. Brown, USMC

Colorists: Sgt Trentin Dunn, USMC & Cpl Garret Jones, USMC



## "Plan Crimson"

Author: Maj Ian T. Brown, USMC

Artist: Capt Thomas O'Brien, USMC

## "Ransom"

Authors: TSgt Daniel Hulter, USAF

Artist: SSgt Macey Valentine, USAF

## "Still First to Fight"

Author: Maj Adam Yang, USMC

Artist: SSgt William Bradley, USMC

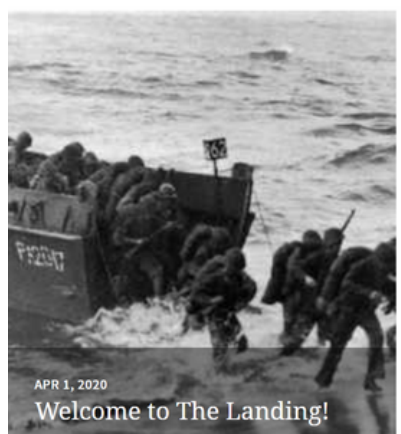




# The Landing



Early in 2020, BGen Barger, CG of EDCOM, tasked the Krulak Center to take the lead in developing an online PME portal as a place for the MCU community and FMF to share ideas and discuss anything and everything pertinent to the professional development of our Marines.



COMMUNITY ACTIVITY

SEP 28, 2020 Force Design's Information Campaign	SEP 28, 2020 Revisit, Refocus, Reinforce MCDP-1	SEP 7, 2020 Horner Wargaming Competition, 14-2...

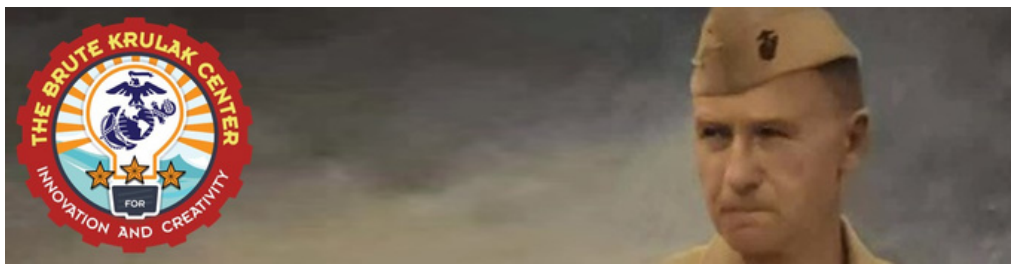
When AY21 commenced, we launched *The Landing* to achieve the CG's mission. Done in partnership with the National Security Innovation Network, *The Landing* offers content from MCU, the Krulak Center, the FMF, and includes a special Wargaming resource page to provide tools for all those communities to get after the Commandant's challenge to increase wargaming usage across the Marine Corps.

## The Landing Communities



So come visit *The Landing* as we offer new content each week!

You can find the main page here: <https://innovatedefense.net/the-landing>



WE WANT TO HEAR FROM YOU!

And after you visit - contribute!

We want to hear your pitch. Send us a message at [the\\_krulak\\_center@usmcu.edu](mailto:the_krulak_center@usmcu.edu) and do your part to help the Corps focus on the future!

# KRULAK CENTER OPEN HOUSE!



The Krulak Center was excited to announce the first of what we hope becomes a monthly opportunity for everyone to learn more about us and what we do.

Hosted on Friday, Sept. 25, from 1100-1400 the Krulak Center doors were opened with our team standing by to discuss our programs and answer questions. It was a tremendous success and we were fortunate to have tremendous engagement with students across MCU! Join us at the next Open House on 30 OCT!

THE KRULAK CENTER  
INVITES YOU TO OUR

# OPEN HOUSE

Located in the Alfred M. Gray Marine Corps Research Center  
Room 226

**09.25.20 11-2 PM**

The Krulak Center Provides Opportunities for:

- Wargaming
- Writing Contests
- 3D Printing
- Guest Lecturers
- Digital PME
- Unit PME Sessions
- Innovative Problem Solving



# Bren Chair Contributions

## Dr. Brandon Valeriano

Bren Chair for Military Innovation

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### Panels

- Moderator, BruteCast, "Gender Inclusion vs. Integration"
- Moderator, BruteCast, "Allied Coordination and WWI"
- Moderator, BruteCast, Wargaming Panel
- Moderator, BruteCast, "Violence at Sea"
- Moderator, BruteCast, "War-Related Environmental Crises, ..."
- Moderator, Cato Webinar on Social Media and Threats
- Moderator, Cato Emergent Tech Event, "Designing Privacy and China"

### MCU Support:

- Teaching Causes of War, School of Advanced Warfighting
- Working Group, Commandant of the Marine Corps Doctor of Philosophy Strategist Program
- Enrichment Activity, Expeditionary Warfare School

### Research and Writings:

- Transnational Attribution Working Group Meeting
- American Political Science Conference
- "Simulating Cyber Escalation," Research Presentation, APSA Wargaming

# Mr. Donald Bishop

Bren Chair for Strategic Communication

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## **Presentations**

- Presentation, "A Career in Foreign Service," Association for Diplomatic Studies and Training
- Presentation, "U.S. Informational Power and Public Diplomacy," The Fund for American Studies
- Presentation, "Interagency Responses to Maritime Threats: The Role of the NSC," Department of State, American Embassy Athens
- Presentation, "One Nation, Fifty States," MCU International Students
- Presentation, "Informational Power and Public Diplomacy," Institute of World Politics
- Panelist, "Whole of Government Strategic Communications," Virtual Affinity Group

## **Research and Writings**

- Publication, Disinformation Challenges in a Pandemic, The Foreign Service Journal, The Public Diplomacy Blog [Annotated Version]

## **Acknowledgements**

- Named to the Board of Directors of the Association for Diplomatic Studies and Training

# Dr. Yuval Weber

Bren Chair for Russian Military and Political Strategy

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## **Presentations**

- Presentation, Reserve Senior Staff Course
- Commentary, BBC World News

## **MCU Support**

- Teaching Causes of War, School of Advanced Warfighting
- PhD Advisor for the Krulak Scholars Program
- BruteCast, "Russian Private Military Companies"

## **Research and Writings**

- Publication, "Not So Private Military and Security Companies," CSIS



# Dr. Christopher Harmon

Bren Chair for Great Power Competition

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## Presentations

- MCU, Great Power Competition Panel, as part of Marine Corps University's President's Lecture Series (2019 & 2020)
- BruteCast - "A Focus on Asia: How Terrorist Groups End"
- CDET course, "Maoism Exported: Revolutionary Wars outside China"

## Research and Writings

- "How Do We Learn?" June 2020, The Landing
- "The New Illusion: 'Fascism' in America" August 2020, The Institute of World Politics

# Dr. Andrew Scobell

Bren Chair for Non-Western Strategic Thought

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## Presentations

- "What Drives China?" Lecture to Reserve Senior Officer Staff Course, 13 July 2020 [POC Ray Damm, DMIG]
- "Worldview and Grand Strategy: China From the Inside Out." Lecture to Gray Scholars MCWL China Project, 24 September 2020 [POC Eric Shibuya]
- Multiple virtual briefs of China's Grand Strategy report to DoD audiences

## Research and Writings

- Andrew Scobell et al., China's Grand Strategy: Trends, Trajectory, and Long-Term Competition, RAND Corporation, July 2020.
  - [https://www.rand.org/pubs/research\\_reports/RR2798.html](https://www.rand.org/pubs/research_reports/RR2798.html)
- Andrew Scobell, "Wuhan: From Cultural Revolution to COVID-19," Lawfare Foreign Policy Essay, 12 July 2020.
  - <https://www.lawfareblog.com/wuhan-cultural-revolution-covid-19>

# Mr. JD Work

## Bren Chair for Cyber Conflict and Security

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### Presentations

- Lecture, "Fighting the network in expeditionary advanced base operations across contested littorals," Reserve Senior Staff Course
- "Burned & blinded: Counter-cyber operations impact on intelligence in crisis." American Political Science Association Annual Meeting
- "Persistence in the Pacific Blue." Resurrecting War Plan Blue. Warfare Innovation Continuum, Naval Postgraduate School
- "Roundtable on Israeli/Iranian Offensive Cyber Exchanges ". Cyber Statecraft Initiative, Atlantic Council. Link [HERE](#)
- "Cyber intelligence and covert action", University of Nottingham.
- BruteCast, "The New Firing Table: Tactical and operational level considerations in offensive and counter-cyber operations"

### Research and Writings

- "Troubled Vision: Understanding recent Israeli-Iranian offensive cyber exchanges," Cyber Statecraft Initiative, Atlantic Council





# Coming Soon

## Later this month

Horner Wargaming Competition (14-23 OCT)  
Open House (OCT 30th)

## November 2020

School of Advanced Warfighting wargame, Gothic Wildcat  
Ongoing BruteTalks and BruteCasts...stay tuned!  
MES MCWAR Panel & NavyCon 2020 (18 NOV)

## December 2020

Open House (4 DEC)

## January 2021

Command and Staff Electives Commence!  
Open House (15 JAN)



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Contact the Krulak Center at [The\\_Krulak\\_Center@usmcu.edu](mailto:The_Krulak_Center@usmcu.edu) with questions or newsletter articles. Follow us: @TheKrulakCenter

