



The Brute Krulak Center for Innovation & Future Warfare

Quarterly Newsletter

From the Director - Valerie Jackson

INSIDE THIS ISSUE:

Center Highlights:

1. Middle East Studies
2. Outreach
3. Wargaming
4. Center for Regional and Security Studies
5. Krulak Scholars & Barrow Fellows
6. Women, Peace, and Security Scholars
7. BruteMedia
8. AY22 Innovation Summit
9. Hail, Farewell, and Congratulations!
10. Coming Soon

Dear Friends of the Krulak Center,

To say that the end of the academic year was different than how we thought it would go at the beginning is an understatement. We began the year hoping that the lingering impacts of the COVID-19 pandemic would be the biggest challenge our students would have to deal with. We ended it with the attention of all students and staff on the continued violence and destruction inflicted by Russia's ongoing invasion of Ukraine, collectively trying to glean lessons on future warfare from a conflict unfolding in the here and now.

While there was little we could do to affect the conflict, we could certainly learn from it, and so the war in Ukraine was never far from our minds in the closing months of the year. Our first overseas outreach trips in 2 years - to the Swedish Defence University in Stockholm, Sweden, and the NATO Allied Rapid Reaction Corps Headquarters in the United Kingdom - took on new importance in the context of the war, the historic shifts in the European security environment, and relationships with old and new allies alike.

Yet we also sustained our goal of helping our community explore myriad aspects of future warfare, and so events like this year's Innovation Summit - featuring in-person student presentations and vendor displays for the first time in 3 years! - covered topics as diverse as the Marine Littoral Regiment and suborbital cargo transportation. Our teams from the Center for Regional and Security Studies and Middle East Studies combined to provide tailored pre-deployment courses to the Marine Security Guard Security Augmentation Unit, Marine Transport Squadron Andrews, and the Marine Raider Training Center. And our #BruteCast webinar series cast its net wide to cover historical case studies, international humanitarian law, on-location interviews with new partners in Ukraine, Sweden and the UK, and Marine Corps-wide institutional changes under Force Design 2030 and Talent Management 2030. It's been noted before that #TeamKrulak punches above its weight - when I look back on everything our team has accomplished this year, I can proudly say we continue to do so!

Thank you for your enduring support, and please keep sharing all the good work happening here at Marine Corps University!

Semper Fi,
Val

KRULAK CENTER HIGHLIGHTS

MIDDLE EAST STUDIES; WARGAMING; KRULAK CENTER SCHOLASTIC PROGRAMS; WOMEN, PEACE, AND SECURITY SCHOLARS; CENTER FOR REGIONAL AND SECURITY STUDIES; BRUTEMEDIA

MIDDLE EAST STUDIES

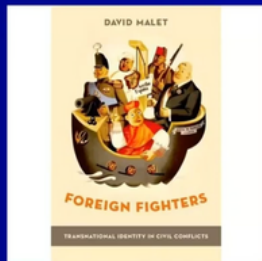


MES Events

- MES-MCWAR Turkey Panel with Turkish Embassy Deputy Chief of Mission Sinan Ertay & Dr. Mustafa Aydın.

What to Expect When You're a Foreign Fighter in Ukraine

David Malet
American University
5 May 2022



MES Lectures

- MES Lecture: VADM (France, ret.) Pascal Ausseur: "Rising Tensions in the Mediterranean," <https://youtu.be/ymgvfUaQ-EM>.
- MES Research Talk: Dr. David Malet, "What to Expect When You're a Foreign Fighter in Ukraine," <https://youtu.be/ktMa-kgcRP0>.
- MES Research Talk: Dr. Jason Warner, "The Islamic State's Expansion in Africa," <https://youtu.be/5J0jYIKLvjc>.

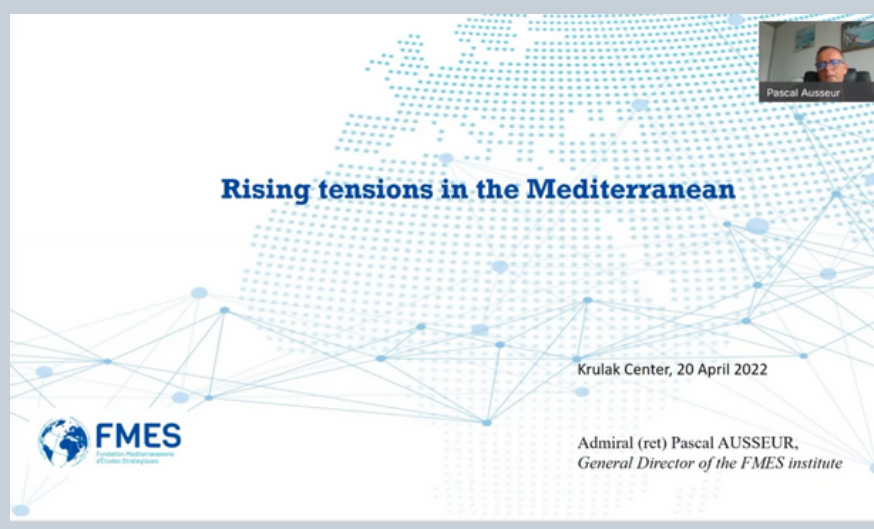
MES: Krulak Scholars program

- Seminar with VADM Pascal Ausseur (France ret.)

MES Publications

- *MES Insights*, Vol. 13, Issue 2: "Society-Centric Warfare Lessons from Afghanistan and Ukraine," <https://www.usmcu.edu/Outreach/Marine-Corps-University-Press/MES-Publications/MES-Insights/Islamic-State-from-the-Peripheries/>

Rising tensions in the Mediterranean



MIDDLE EAST STUDIES



Dr. Amin Tarzi

PME

- MES-CRSS Comprehensive Brief on Qatar to VMR, Joint Base Andrews.
- MCWAR class, "Israel and Middle East Security," Diplomacy & Statecraft course.
- Strategy and Policy Course (SPC) on Iran.
- Strategy and Policy Course (SPC), "Israel's Security and the Balance of Power in the Middle East."
- Senior Enlisted Professional Military Education (SEPME) course, "Understanding Iran in a Multipolar World."

Publications

- "Society-Centric Warfare Lessons from Afghanistan and Ukraine," *MES Insights* vol. 13, Issue 2 (April 2022), <https://www.usmcu.edu/Outreach/Marine-Corps-University-Press/MES-Publications/MES-Insights/Islamic-State-from-the-Peripheries/>.
- "The Life of Abdur Rahman, Amir of Afghanistan, G.C.B., G.C.S.I.: Composition, Reception, and Influence on the Historiography of Afghanistan," with R.D. McChesney, *Afghanistan* vol. 5, no. 1 (2022): 60-92.
- Book Review: "Afghanistan: A History from 1260 to the Present, by Johnathan L. Lee," *Iranian Studies* vol. 55, no. 1 (2022): 263-267.



External Talks

- Panelist (virtual), "Afghanistan: Refugees, Relocations and Settlements," International Stability Operations Association (ISOA) Middle East Conference (January 2022).
- Keynote speaker (virtual), International Stability Operations Association (ISOA) Middle East Conference (January 2022).
- Panelist, "Working with the EU and NATO: An Introduction," International Stability Operations Association (ISOA) Europe/Africa Conference in Stuttgart (April 2022).
- Panelist, "Readiness in a Changing Europe," International Stability Operations Association (ISOA) Europe/Africa Conference in Stuttgart (April 2022).

OUTREACH

For the first time in a LONG time, the full #TeamKrulak was able to take its outreach efforts overseas, and we jumped in with both feet! The month of May began with the team invited to attend the "Northern Initiative 2022: Future Military Leaders" conference hosted by the Swedish Defence University (SeDU) in Stockholm, Sweden. The month ended with a visit to the headquarters of NATO's Allied Rapid Reaction Corps to conduct staff wargame training. Then in June, representatives from Middle East Studies and the Center for Regional and Security Studies traveled to visit partners in France and Greece. All visits were very busy in the best possible way, with allies and partners learning from each other, and new relationships established between MCU and foreign PME and training entities. #TeamKrulak maintained its outreach program at home too, hosting members of the Croatian Defence Academy, and meeting the Head of Delegation for the Red Cross in the U.S. and Canada.



(above left) Dr. Yuval Weber, the Krulak Center's Russia SME, opens the "Future Military Leaders" conference with a lecture on the background of Russia's invasion of Ukraine.
(above right) Dr. Weber, Maj Ian Brown, Ms. Valerie Jackson, and LtCol Kurtis Kjobech are joined by Capt Silvia Haas, USMC, a Marine student at SeDU.



(above left) Ms. Valerie Jackson, Krulak Center director, meets with Mr. Patrick Hamilton, Head of Delegation for the International Committee of the Red Cross to the U.S. and Canada.
(above right) Mr. Tim Barrick, wargaming director, oversees gameplay of the Operational Wargame System for the staff of NATO's Allied Rapid Reaction Corps in Cheltenham, UK.

OUTREACH



(left) Mr. Barrick hosts a delegation from the Croatian Defence Academy at the Krulak Center, for a demonstration of the Academy's internally developed wargame.



(right) Maj John Behrmann (director of the Center for Regional and Security Studies) and Dr. Amin Tarzi (director, Middle East Studies) join Professor Kostas Ifantis (Professor of International Relations at Panteion University of Social and Political Sciences) while attending the Athens Security Forum in Greece.



(left) Maj John Behrmann and Dr. Amin Tarzi at the Athens Security Forum in Greece.



(right) Maj John Behrmann and Dr. Amin Tarzi meet with Rear Admiral (ret) Pascal Ausseur (Director General of Fondation méditerranéenne d'études stratégiques) and Rear Admiral Jean-Emmanuel Roux de Luze (Deputy Operations of Maritime Perfect of the Mediterranean, French Navy).

WARGAMING

Getting back on the road let us take our #wargaming with us to allies and partners, but we never lost focus on supporting MCU schools and the Fleet. The last few months have been full of wargaming support at home and abroad!



(above) MCU Wargaming Director Mr. Tim Barrick briefs Lieutenant General Nick Barton, commander of the NATO Allied Rapid Reaction Corps, on lessons learned from the Operational Wargame System exercise conducted by ARRC staff for 3 days in Cheltenham, UK.



(above) Newly commissioned warrant officers in the Warrant Officer Basic Course at The Basic School play an amphibious assault scenario in *Fleet Marine Force* as part of their lesson on the Marine Corps Planning Process.



(above) Mr. Barrick briefs BGen Kyle Ellison, deputy commanding general of III MEF, and the III MEF staff on using the Operational Wargame System to examine the challenges of defending Taiwan.



(above) Mr. Barrick conducts preparatory work on the Global War Game executed by the Marine Corps War College at the end of the academic year.



(left) #TeamKrulak demonstrates the logistics-based wargame "Thor's Hammer" to staff at SeDU.

(right) 2ndLt Leandra Ashe, a Basic School augment to the Krulak Center, configures virtual reality sets used by the Center to experiment with new wargaming technologies.



CENTER for REGIONAL and SECURITY STUDIES



CRSS Partners with MCU Faculty to Provide Total Force LREC Support

CRSS continued to execute its mission of providing regional, cultural, and security studies programming for the Marine Corps Total Force by partnering with resident experts in Marine Corps University to satisfy a wide range of support requirements. Providing LREC SME support is one of CRSS's key lines of effort. While these services can be procured via unit-funded contracted vehicles, leveraging the expertise within MCU represents a cost-effective and valuable alternative to get requisite training.

In late March, CRSS partnered with Dr. Christopher Anzalone, Middle East Studies Research Assistant Professor, to deliver a series of pre-deployment classes to the Marine Security Guard Security Augmentation Unit (MSAU) aboard Marine Corps Base Quantico, VA. A command within the Marine Embassy Security Group, MSAU deploys small task-organized units on short notice deployments supporting U.S. Department of State security requirements. Dr. Anzalone's lectures focused on a variety of topics, including a primer on Islam and its impact on the development of contemporary politics in the Arabian Peninsula.

In early April, CRSS once again partnered with MES to support Marine Corps Total Force pre-deployment training requirements. CRSS and MES representatives traveled to Joint Base Andrews, home of Marine Transport Squadron (VMR) Andrews, to support pre-deployment training requirements. During the visit, MES Director Dr. Amin Tarzi enabled VMR aircrew and support personnel with a discussion focused on Qatar and other historical and contemporary regional issues germane to the United States Central Command Area of Responsibility.

Finally, in late May, CRSS Director Major John Behrmann and MCU Professor of Military Cross-Cultural Competency (PM3C) Dr. Lauren Mackenzie traveled to Sneads Ferry, North Carolina, to provide a culture "deep dive" for the Marine Raider Training Center (MRTC). During this event, Major Behrmann and Dr. Mackenzie delivered presentations on a variety of cultural topics as part of the MRTC Basic Language Course component of the MARSOC Critical Skills Operator training pipeline. As an added bonus, they were also treated to a Middle Eastern feast provided by language instructors at the MARSOC Culture Center!

Over the coming months, CRSS will continue to partner with MCU faculty and staff to support similar requirements for LREC support from across the Marine Corps. Any Marines interested in obtaining CRSS support for individual or unit pre-deployment training requirements should visit <https://www.usmcm.edu/CRSS/Support/> or email crss_training@usmcm.edu.



MES Director Dr. Amin Tarzi provides a pre-deployment LREC presentation to members of Marine Transport Squadron (VMR) Andrews aboard Joint Base Andrews.

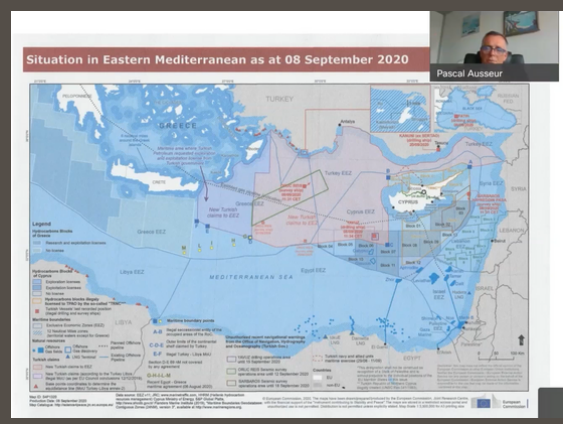


Krulak Scholars AY22



The AY22 Krulak Scholars Program, facilitated by Middle East Studies (MES), ended its third year in strong fashion with an unique series of closing lectures, including one livestreamed from France from Vice-Admiral (ret.) Pascal Ausseur (Director of the Mediterranean Foundation of Strategic Studies). Though our students have graduated, #TeamKrulak continues to work with them to have their final writing assignments published in suitable forums. Papers already published are:

- "Engaging Turkey in the Eastern Mediterranean during a Time of Crisis," *MES Insights*, by LtCol Lionel Segantini (French Army)
- "The Arc of Instability: An Eastern Mediterranean Focus of an American Responsibility," *Small Wars Journal*, by Captain Mikel Santiago, USMC
- "Turkey and the War in Ukraine: An Opportunity to Unify NATO's Southern Flank," *Small Wars Journal*, by Captain Neil Bultman, USMC



(above) VADM Ausseur discusses challenges in natural gas cooperation in the eastern Mediterranean.



General Robert H. Barrow Fellowship

This academic year, the Barrow Fellows explored the operational impacts of climate change on infrastructure, energy security, and evolving conflict regions across the globe. Their final sessions featured Mr. Daniel Opstal (LtCol, USAF Reserves) of the United States Geological Survey; Major Jonathan E. Schillo of TECOM; Major Amanda Martin of the Plans, Policies & Operations Directorate of Headquarters Marine Corps; Commander Andrea Cameron, USN from the Naval War College; and the Marine Corps' Advisor to the Commandant on Climate, Mr. Robert A. Couser. Their end-of-year output focused on developing point papers offering Service-specific climate security recommendations to Service policymakers.



WOMEN, PEACE, AND SECURITY SCHOLARS

The WPS Scholars successfully completed their inaugural exploration of gender and security issues relevant to the armed services. The outcome of the program was presented to the MCU President with valuable conversations continuing between the students, faculty, the President and the Command Staff College Director.



MCU President BGen Walker Field, and CSC Director Col Brad Tippettt listen to and discuss the finding of the WPS Scholars cohort for AY22 with the student presenters.



Participants this year examined a wide array of topics inside the WPS umbrella including:

1. How did we get here?: History of WPS

What is the connection between UNSCR 1325 and WPS?
What are the landmark documents that pertain to Women, Peace and Security?
How are countries implementing WPS policy?
What is the significance of considering gender when studying conflict?

2. Gendering War

What is gender, and how is it different from biological sex?
How does this shape the way we examine conflict?

3. Gender and Operational Effectiveness

How do WPS and a gendered analysis contribute to increased military effectiveness?
How do operations on the ground change when gender is a consideration?
What effect (if any) does gender have on readiness?

4. Narratives of Gender and War

How are war narratives constructed through gendered discourse?
How does this impact the way gender is portrayed? What does this do to the way conflict is addressed?

5. Militarized Masculinities and Unconscious Bias

What role does masculinity play in the system of militarism as well as the enactment of war and violent conflict?
What is hegemonic masculinity? What is militarized masculinity?
How can we imagine non-violent masculinities and the role they might play in conflict?



#BRUTEMEDIA



This quarter has seen a huge surge in our digital media output, with the #BruteCast continuing to focus heavily - though not exclusively - on the war in Ukraine, and with our operations officer Maj Ian Brown and Russia SME Dr. Yuval Weber sustaining the special mini-series "Down the Rabbit Hole on the Russia-Ukraine War" to examine different aspects of that conflict in near real-time. Catch up on our latest episodes below, and make sure you're following us on social media so you don't miss new episodes! After a short summer break, we've already got great material in the works for August!

#BruteCasts

"War in the Age of the Smartphone," Dr. Matthew Ford & Prof. Andrew Hoskins

"Information and the Russian Public," Thomas Kent

"Russia and Urban Warfare," Dr. Rita Konaev

Interview with Ms. Anna Bulakh

"Disinformation Campaigns," Arvin Verma

Interview with Ms. Nataliya Gumenyuk

"Lessons for Cyber Strategy After the Ukraine War" panel

"Signaling Strategy," Capt Casey LaMar and Dr. Leah Windsor

"The War in Europe: Russia's Nuclear Options," Dr. Lasha Tchantouridzé

"Force Design 2030: Debating the Issues," Tim Barrick and Matt Jones

"Fragile, Leaky, and Weak: Challenges for Humanitarian Law," Dr. Joanna Siekiera

"A Tale of Two Cities," Col Brian Russell and Col Lester Gerber

"Russian Military Thinking," Dr. Markus Göransson

Interview with Capt Silvia Haas, USMC

Interview with Kn/Capt. Patrik Hultström, Swedish Defence University

"Guadalcanal: The Seizure and Defense of an Advanced Base," Skip Crawley

"Gangsters of Capitalism," Jonathan Katz

NATO's Allied Rapid Reaction Corps and #Wargaming

"Syria and Ukraine: A Comparative WPS Lens," Dr. Anahid Matossian

Talent Management 2030

"Wartime Sexual Violence Yesterday, Ukraine, and Tomorrow," Dr. Dara Kay Cohen

Down the Rabbit Hole on the Russia-Ukraine War

#1 - Peace Negotiations

#2 - Territorial Concessions

#3 - The Extraordinary NATO Summit

#4 - Peace Negotiations (?)

#5 - Abuses and Atrocities

#6 - Are the Inmates Running the Asylum?

#7 - The War Shifts East/Welcome to my Combined Arms TED Talk

#8 - Catching Up

#9 - "Victory" Day

#10 - New NATO Nations and the Outlook in the East

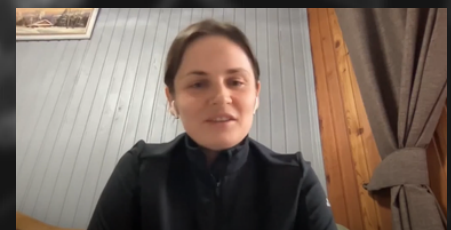
#11 - Ukraine's Wheat and the World (feat. Dr. Rosella Cappella Zielinski)

#12 - Timelines and Sustainment (feat. Dr. Rita Konaev)

#13 - Turkey and Greece (feat. Dr. Amin Tarzi)



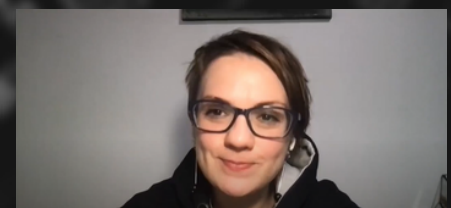
(above) Skip Crawley outlines the main American and Japanese lines of effort in "Guadalcanal: The Seizure and Defense of An Advanced Base"



As Russia's invasion of Ukraine unfolded, we were extremely fortunate to be able to talk to two Ukrainians about their perspectives on the war.

(above) Ms. Anna Bulakh

(below) Ms. Nataliya Gumenyuk





The Innovation Summit this year was a fantastic platform for students to share their hard work from the academic year and for Marine Corps Systems Command and commercial vendors to come and display their capabilities to current and future leaders of the Marine Corps.

All videos from the presenters can be found on the Krulak Center YouTube Channel:
<https://www.youtube.com/playlist?list=PL5srRwO9nGAGWa06IggnQ0Zz0nkztxCmQ>

All student presentation material can be found on The Landing website:
<https://unum.nsin.us/kcic/customObject/viewCustomObject/e4b38d65cc42>

Student presenters:

Maj Clark Smith - Wargaming the Marine Littoral Regiment

Maj Ryan Hamilton - Blockchain Technology: Two Opportunities for the US Marine Corps

Maj Patrick O'Rourke - Geodetic Data: The Sixth Requirement for Accurate Fire

LtCol Pete Combe - Risk in Global Integrated Campaigning: A Bayesian Approach to Risk Assessment and Communication

Capt Myles Spetsios - Swarm Satellites: A Change to the United States Space Force's Approach to Satellites in Orbit

Capt Trevor Shimulunas - Unmanned Logistical Glider Systems: Provisioning the Stand-in Force during EABO

Capt Bryan Engelmann - Suborbital Cargo Transportation

Maj Travis Chamberlin - EABO Center of Excellence: Shepherding Emerging Concepts through 2030 and Beyond

Maj Michael Kersten - The Next Revolution in Military Affairs: Harnessing the Power of Information and Light

Maj Emily Eckman - The Fate of Truth in Disinformation: The impact of technology on 'truth' and what this means for democratic states

Vendors included:

Marine Corps Systems Command teams for

- Wargaming
- Command Element Systems
- Communication
- Ammo

Brightline Interactive
 Systems Engineering Inc.
 InVeris Training Solutions
 More Cowbell Unlimited Inc

Hail, Farewell, & Congratulations!

It's that time of year when things change, and so too do some of the faces of #TeamKrulak. We are saddened to say farewell to LtCol Kurtis Kjobech, our operations and outreach officer, for duty as director of operations, office of Vice President of Operations, at MCU. Among his many contributions during his year with #TeamKrulak was coordination of the 2021 Arctic Security Symposium in conjunction with Command and Staff College and the Norwegian Defence University College; organization and execution of the AY22 Innovation Summit; support to MCU's Micro-Credentialing Working Group; and too many other things to count! Fare winds and following seas, and Breckinridge Hall isn't that far away – don't be a stranger!



On the flip side, we're happy to welcome aboard 2ndLt Leandra Ashe from Mike Company at The Basic School as our new assistant operations officer! Prior to her commissioning in 2022, Lt Ashe served an 8-year enlistment in the Navy Reserves as a Hospital Corpsman. She holds a B.S. in Health and Wellness from Purdue University Global, and aspires to serve as a logistics officer following TBS. Though having only been with the Krulak Center a short time, she's already made an impact by improving our additive manufacturing capabilities and configuring our large inventory of Oculus Quest virtual reality systems for use by MCU students in the coming academic year. Welcome to #TeamKrulak!

Finally, we extend our heartiest congratulations to our director, Ms. Valerie Jackson, who was selected to the rank of brigadier general back in December, 2021, and finally received her star in March, 2022! Her new job in the Marine Corps Reserves is as Deputy Commander (Individual Mobilization Augmentee), II Marine Expeditionary Force.





Coming Up in Academic Year 2023

14-15 July: Global Wargame support to Strategy and Policy Course, MAGTF Instructional Group

19-22 July: Operational Wargame System tutorial course to EWS faculty & staff

July - August: Student onboarding for EWS, CSC, SAW, and MCWAR. Welcome aboard and #TeamKrulak looks forward to supporting you!



**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

