

2017 CGSC Ethics Symposium **“The Ethics of Future Warfare.”** **Program Overview**

The Fort Leavenworth Ethics Symposium is an annual symposium co-sponsored and hosted by the U.S. Army Command and General Staff College (CGSC) and the Command and General Staff College Foundation, Inc. The event will be held at: Lewis & Clark Building, 100 Stimson Avenue, Fort Leavenworth, Kansas 66027.

The 2017 CGSC Ethics Symposium will be conducted April 24-25, 2017.

This year’s symposium will explore the changing and unchanging nature of future warfare. Character is foundational to a leader’s capacity to successfully navigate the shifting ethical terrain presented by constantly changing technologies and situations. Participants will have the opportunity to explore the effect of character on leadership as they wrestle through the ethical impact of technologies and their employment on the battlefield.

The symposium will include a variety of guest speakers, panel presentations and breakout topics. The conference will begin at Monday 24 April at 8:30 a.m. and conclude Tuesday 25 April at 12:30 p.m. Specific details about the 2017 symposium are in the program below.

Panel & Breakout Session Registration Information

CGSC Guests & Visitors: **All CGSC guests and visitors, please register at the symposium website if you plan to attend: www.leavenworthethicssymposium.org. Registration is open now through 20 April.** After the initial Guest Speaker, you may attend any combination of panels or breakout sessions. There are 3 panels and 27 Breakout Sessions to choose from. A detailed summary is provided below. The symposium will conclude the following day with a final guest speaker and wrap around session with CGSC Staff Group Advisors.

Nonmilitary or non-government members of the public attending the symposium from off-post will need to add extra time to check-in at the Fort Leavenworth visitor center. If you do not have an ID card listed on the **DEPARTMENT OF DEFENSE ISSUED ID CARDS WEBSITE**, you must stop by the VCC at the corner of Metropolitan Avenue and 4th Street. Follow directional signs to the center’s parking lot. – For visitor information, see:

<http://garrison.leavenworth.army.mil/index.php/myfort/services/services/gate-information>.

Panel and Breakout Session Summaries

Panel and Breakout Sessions: Below is a summary of the schedule, panels and breakout sessions. There will be an Event Information Center located in the Senator Roberts Room, 2nd Floor off the lobby next to the welcome desk. Panels listed below will be held in Eisenhower Auditorium, Marshall Auditorium and the Arnold Conference Room. Breakout sessions are listed below by presenter’s last name and will be held in the 2nd, 3rd and 4th floor classrooms.

Panel Presentations

Panel 1: Ethical Considerations of Unparalleled Technologies (Eisenhower Auditorium)

This panel presentation is conducted by the Army War College's Futures Seminar. Panelists and topics include: Lieutenant Colonel Chris Korpela, "A Case for Autonomous Weapons" and Colonel Eric Van Den Bosch, "What is the Impact of Technologies on Trust? Will You Have an AI S2?" Moderator will be Dr. Samuel White, Deputy Director of the Center for Strategic Leadership at the Army War College

Panel 2: Moral Injury and Implications of Advanced Technologies (Arnold Conference Room)

This panel presentation is conducted by the Army War College's Futures Seminar. Panelists and topics include: Chaplain (Colonel) James Boggess, "Possibility of Moral Injury with Increased Technologies" and Colonel Jason Wesbrock, "Ethical Implications of Enhanced Soldier Performance." Moderator will be Dr. Charles Pfaff, Professor of the Professional Military Ethic, Army War College.

Panel 3: Character Development of the Future Force (Marshall Auditorium)

This panel presentation is conducted by the Center for the Army Profession and Ethic. Panelists and topics include: Colonel John Vermeesch, "The Army's Emerging Character Development Framework," Colonel James Cook, "Future Warfare Practices and the Impact of Character" and Dr. Don Snider, "Character as Manifested in Leadership and the Development of Trust for Mission Command." Moderator will be Chaplain (Lieutenant Colonel) Peter Dissmore, CAPE Ethicist.

Breakout Sessions

Major Tarrence Allen – Cyber As This Generation's Atomic Bomb (Room 4308)

The U.S. must lead the discussion in the international community before technological proliferation threatens rouge states using our generation's version of the atomic bomb. This presentation seeks to narrow the advancing technology in order to explore the similarities between cyber warfare usage and the atomic bomb. The threat from the atomic bomb was the fulfillment of Clausewitz's "total war." Weaponizing the cyber domain without clear limitations and codified punishments will result in total war.

Major Corbett Baxter – Lethal Remotely Piloted Aircraft (Room 4310)

Since its height in the summer of 2013, public concern about the use of Remotely Piloted Aircraft to lethally target individuals has waned. This decrease in public interest comes despite the fact that none of the issues raised at the time have changed. Significant questions remain concerning the legality, morality, efficacy, and the long-term implications of the use of these weapons. First, this presentation looks into the legal framework used to justify the lethal application of RPAs. Next, it examines lethal strikes through the lens of Just War Theory before transitioning to an evaluation of their efficacy. Finally, this presentation evaluates the long-term foreign and domestic implications of U.S. RPA policy with an eye towards the potential of future conflict.

Dr. Richard Berkebile – Secession and Jus Ad Bellum (Room 4317)

Secession and Jus Ad Bellum addresses the ethical considerations of a future employment of the armed forces to suppress a secession attempt from the United States. The article explores primary and remedial right secession theories and their application to the American context and concludes by arguing in the absence of civil remedies, military suppression of secession is just.

Major John Brock & Dr. Dan Cox – How and Why Robotic War Will Erode Moral Considerations (Room 4319)

Foreign policy leaders in the United States are growing increasingly entranced with the prospect of removing human Soldiers from the battlefield and replacing them with robotic means of warfare. Perceived domestic political pressures of a public intolerant of casualties make such move more politically practical. However, as the battlefield truly empties, the moral considerations surrounding war will slowly start to erode. This presentation explored the moral impact of robotic wars.

Colonel (Retired) Anthony Deane – Ramadi Declassified: Ethics in Combat - A case study from the Battle of Ramadi (Room 4326)

This presentation will use the battle for Ramadi as a case study to discuss ethics in combat and the constant pressure of ethical erosion. The men and women of Task Force Conqueror saw some of the heaviest urban combat in Iraq, against a shadowy enemy who preferred improvised explosive devices and sniper fire to standing toe to toe and fighting. It quickly became clear that street fighting with insurgents was not the path to victory. Something more was needed. What happened next was the turning point in the Iraq War and an epic story of combat, courage, leadership and diplomacy that broke the back of al Qaeda in Iraq and wrote a new chapter in the course of Middle East history.

Mr. Nils Erickson & Dr. Shawn Cupp - You Can't Say No (Room (4328)

Many in the U.S. Army would believe that the topic of lying or even suggesting that lying happens often would take it as an affront to the Army Profession. However, as some studies over the past decade recommend, acknowledging that a problem exists is the first step in solving that problem. Again, even acknowledging that senior leaders ask for information and expect more often than not the answer of yes to all queries.

Chaplain (Major) Rob Farmer – The Moral Dimension of Projecting American National Power (Room 4158)

This presentation focuses on current United States military recruiting trends analysis which entices generation X and Y entry in the military. Morality's effect on projecting U.S. national power is drawn from existing studies of national power, the study of truth, social justice, and personal ethics. The conclusion is that by exploring peoples' concept and use of truth, fairness/justice, and interaction with authority yields concrete lessons that can be applied to increase the efficacy of current counseling and coaching models to develop future leaders as well as decrease frustration and friction in dynamic, divergent leader-subordinate relationships.

Major Samuel Gilstrap – Millennial Generation is Affecting Irregular Warfare (Room 4132)

The Millennial Generation is changing Irregular Warfare through their digital nativity, opportunity for mobilization, and global networking. Millennials across the globe are being mobilized in support of the global ISIL cause. The current Irregular Warfare literature does not account for these changes. Although the fundamentals are not changed, the global Millennial Generation has expanded them. They are traveling to Syria, Iraq, Afghanistan, and North Africa in support, as well as remaining a significant threat in their home nation. They are acting in role from fighters to technical experts in social media and cyber warfare. Millennials are the first “Global Generation.” The internet and social media have removed barriers that separate the world and have given them access to the world, as well as all the good and bad that comes with that access.

Major Dorothee Farrar – Ethical Implications of Forced Removal (Room 4130)

Promises, Preponderance, Politics, and Provisions: Analysis of the forced relocation of the Cherokee through use of the PMESII Model (Political, Military, Economic, Social, Infrastructure & Information) capitalizes on lessons learned, assisting leaders in avoiding aggression, miscalculations and pitfalls of displaced people groups and increases compassion, advocacy, survival, rebuilding and unity.

Major Joel Funk – Syrian Refugee Crisis (Room 4105)

The Syrian refugee crisis is a humanitarian disaster of epic proportions. What are the strategic ramifications of the crisis? What are the ethical issues at hand? Building on preexisting academic research, literature, and empirical evidence I will make an argument for action within the bounds of pragmatism and ethics.

Chaplain (Major) Josh Gilliam – Conflict and Islam (Room 4103)

This presentation explores the Ethics of takfir (excommunication) through a survey of the surah 9. Although there are compelling strategic reasons for divorcing Islamists from Islam, there are dangers as well. The author suggests that in order for the Armed Forces to understand salafi-jihadist, we must consider the Qur'an basis of their behavior (ethics).

Major Hasan Harkous– The Role of Social Media in the Arab Spring (Room 3308)

The study presentation examines the Islamic State’s (IS) use of social media to launch its message and expand its propaganda to the world. IS focuses on the Syrian Arab Spring revolution that started in 2011 as a foundation of tacit and explicit support of some Syrian people to evolve into a reorganized terrorist group. This study assesses the capabilities of IS using social media platforms to be a sophisticated organization driven by religious and political ideas to create an Islamic Caliphate.

Major Francisco Hernandez – A Leader's Duty in Tragedy and Loss (Room 3310)

The loss of a loved one is harrowing for those Gold Star and Next of Kin family members left behind. Following these tragedies, the surviving families have multiple avenues to seek support as they work through their loss and cope with grief. However, a key figure to their healing remains underutilized, the military leader. In this discussion, we will examine the leader's role in

supporting these families, if leaders are prepared for this responsibility, and what we can do to improve both as we prepare for future warfare that is sure to include the loss of life.

Dr. Prisco Hernandez – Rethinking Jus Ad Bellum (Room 3317)

The idea of the just war has lost much of its former influence among twenty-first century policymakers due to a large measure to the belief that modern forms of war make it irrelevant. Close examination suggests that this is not true. The present presentation is an attempt to restore the idea of the just war as a manifestation of natural law and jus gentium and demonstrates its continued relevance even under changed conditions."

Major Jonathan Holm – Rethinking the Ethical Framework (Room 3319)

The world is too intricate for anyone, especially an Army leader, to strictly adhere to a singular moral code. Virtue ethics, duty ethics, mission ethics, objectivism, and subjectivism each have pros and cons. In order to account for these pros and cons, my moral philosophy is guided by a magnetic field approach to virtues, duty, and mission ethics and by the interplay between objectivism and subjectivism. These two mental models allow for a nuanced appreciation for morality in a complex world filled with ethically imperfect situations.

Dr. Erik Jens – Special Oversight Challenges in National Security Interrogations (Room 3326)

This presentation therefore proceeds from an assumption that a strategically and politically viable interrogation doctrine—even for the most sensitive interrogation operations—must remain humane, not physically coercive or otherwise brutal, and in full accord with domestic and international law. Almost every interrogation practice that has departed from these standards—whether conducted by military interrogators in wartime, or by civilian security and intelligence agencies—has failed, despite some temporary tactical successes, to support long-term, strategic victory.

Dr. Jack Kem – Individual and National Responsibility To Protect (Room 3328)

The "Responsibility to Protect," or R2P, as defined by the international community, is an sovereign obligation that relates directly to States to protect their citizens from genocide and mass atrocities. In the past decade, this "Responsibility to Protect" has extended to the international community when States fail to fulfill their obligation. R2P, therefore, is considered only at the "nation-state" level. This presentation will address how the concepts in R2P should also be considered as an individual obligation to intervene when instances of genocide or mass atrocities occur. The presentation also compares and contrasts R2P with Just War Theory parallel concepts of Jus ad Bellum (as a nation-state concern) and Jus in Bello (as an individual concern).

Captain Kenneth King – Targeted Killings (Assassinations) (Room 3156)

“Assassination on the Conventional Battlefield” explores the moral issues surrounding targeted killing and assassination U.S. Forces may have to grapple with in a future war against a near-peer competitor. The norms surrounding concepts of 'combat neutrality' and soldier immunity may be changing based on GWOT models of targeting specific persons in combat. Among other related topics, this seminar will explore questions regarding the use of technological advances in precision targeting and intelligence to lower the threshold required to win the next war.

Major Timothy Middleton – Cyber: Employing Ethically Sound and Trusted Agents for the Future (Millennial Generation) (Room 3154)

Equipping the U.S Military to understand ethical implications of technological warfare requires changing assumptions that, in the current environment, are false. People working on cyber security today, constitute the greatest threat. The assumption that those tasked with coding our technologies will continue to be trustworthy is not a reality. For them, this is not an ethical issue. Millennials, currently the youngest citizens entering military service, have shown no ability to adjust moral values as careers progress and have a breathtaking lack of allegiance. This presentation will discuss the idea that the point of view of current policy makers for national cyber issues and senior military leaders is in direct conflict with Millennials worldview.

Mrs. Kailah Murry – The Commander's Dilemma: Using Ethical Denial and Deception (Room 3132)

Ethics has become a crucial area of research and study as the military moves into a world hyper aware of political correctness, international opinion, and legal issues. A subject not routinely examined in relation to ethics is denial and deception. Denial and deception has played a crucial role in military operations at multiple levels since the inception of warfare. The purpose or intended goal of this article is two-fold: first, to make us aware of the ethical consequences when utilizing denial and deception, and second, to suggest ways in which future operations may be viewed through an ethical framework.

Captain Matthew Pride – Ethical Critique of Remotely Piloted Aircraft in Modern Warfare (Room 3130)

This presentation is an ethical critique for the use of remotely piloted aircrafts in war according to the legal framework of international regulations and customs and the tradition of Just War theory. Specifically, my presentation will answer the question, "Does the U.S. Government violate Jus in Bello in its use of remotely piloted aircrafts to conduct military strikes?" This discussion is an unclassified discussion and is based strictly on open source material concerning drone warfare. As such, the article is a primer for discussion, as opposed to being a tool for policy formulation.

Chaplain (Major) Anthony Randall – Transformational Moral Leadership (Room 3103)

We live in a complex world requiring transformational moral leaders who in a complex and ambiguous environments operate with moral courage, moral reasoning and moral empathy. Such leaders see the human potential in those they lead rather than utilizing them as human equity to accomplish simple transactional tasks. Transformational Moral Leadership elevates, expands, refines and forges leaders of excellence through moral courage, moral reasoning and moral empathy. This presentation will explore how character development through transformational moral leadership is transforming ethics instruction at MCoE, Ft. Benning in their MPCC, MCCC, IBOLC, ABOLC, OCS, NCOA SLC, courses and initiated a two-day character development instructor certification for CIMT Drill Instructors and PME Instructors.

Mr. Bruce Roeder – Is the Just War Tradition Good Enough As a Framework for Future Warfare? (Room 2308)

The Just War Tradition is little more than a lucky rabbit's foot talisman invoked by various western powers to justify and rationalize aggressive military behavior. Moreover, the US military

services move toward a multi-domain operating concept for future warfare for which the JWT is an even poorer fit. The US Army in particular plans to fight the future war according to its doctrine of Mission Command based upon mutual trust and shared understanding, disciplined initiative, and prudent risk which belies the Army's current ignoring of JWT's overarching moral framework and endangers its complete irrelevance in the future. Unless the JWT - which has been resiliently adapted and reapplied over the centuries - can be adequately modified by the current generation of military thinkers, the future of war will become unmoored from the tradition.

Major Tennille Scott & Dr. Shawn Cupp - Ethics in Hactivism (Room 2310)

The hacktivist is the most vocal in cyberspace, are non-state actors, and motivated by other means separate from ideology and politics. Beyond being and maintaining anonymity and broad dedication to the free flow of information Anonymous (and groups like them) have no consistent philosophy or political agenda. Understanding the ethical construct of hacktivists will assist in leveraging those areas within cyberspace that we can manage or in small segments dominated for short periods.

Colonel (Retired) David Shunk – Enhanced Soldier of the Near Future (Room 2317)

The super soldier is on the way—maybe not tomorrow, but soon. As technological inventions are changing our society, so will technology ripple through our battlefields and soldier ethics. Soldier enhancement possibilities are often discussed, but less so are the ethical challenges of the new technologies. In the near future, science and technology will offer In the near future, science and technology will offer many startling choices to enhance or equip the soldier. Like any innovation in warfare, the Army must discuss the ethics of enhancing soldiers.

Major Jesse Tafoya – Ethics and Nanotechnology (Room 2319)

Through nanotechnology, we could use biological and chemical markers to eliminate only fighting age males within a particular geographic location. We could kill combatants without damaging infrastructure and natural resources. However, the mechanism of injuries and resulting death would be the same as with chemical and biological weapons. How would the application of the ethical triangle play out? Does the greater good for non-combatants outweigh the “needless” pain and suffering of the enemy’s fighting force? Additionally, is there an ethical dilemma with using predictive algorithms and an artificial neural network to select and kill targets without a human making the final decision? Despite rigid perceptions, ethics are fluid and endlessly changing. The military’s current leadership needs to begin a deliberate effort to match ethical considerations with the rapid pace of emerging technology.

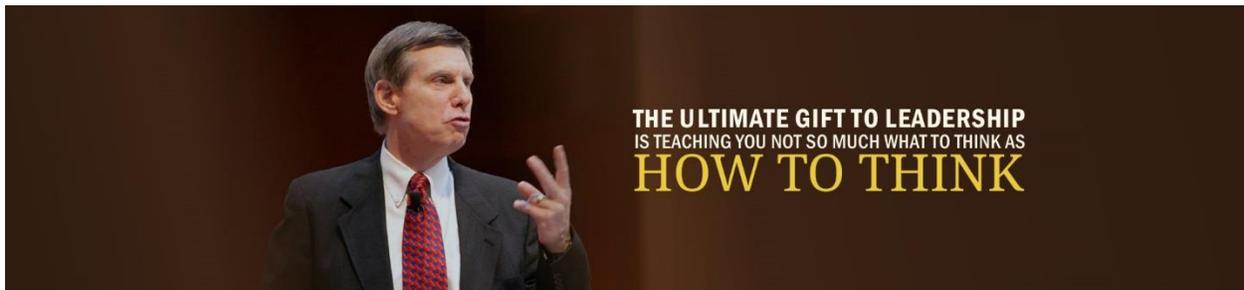
Chaplain (Major) Jason Unsworth – Ethical Issues in Developing the Third Offset Strategy (Room 2326)

This presentation considers the diverse ethical issues surrounding militarized biotechnologies that may fall under the so-called “Third Offset Strategy.” As the Third Offset Strategy proposes the funding and development of technologies within the fields of robotics, autonomous systems, miniaturization, big data, and advanced manufacturing – it is worth looking into the ethical dilemmas such technologies may present, especially as those technologies interface with human subjects. Of special interest are such biotechnologies as miniaturized implants and technologies that involve human-machine cognitive teaming, such as militarized exoskeletons and the F-35

Joint Strike Fighter. Such technologies present crucial bioethical problems as we consider not only their strategic value, but also the possible harm these technologies may present to human subjects and operators.

Guest Speaker and Panelist Biographies (In Order of Program)

Guest Speaker: Dr. James Crupi, President & Founder of Strategic Leadership Solutions, Inc.
www.crupi.com



Dr. James Crupi is the President and Founder of Strategic Leadership Solutions. He is a recognized authority in leadership, development, and business strategy and future trends. He has been featured on CNN, Fox Business Network with Neil Cavuto, National Public Radio, has served as a TED speaker and is quoted in many publications throughout the world. His consulting clients include Coca-Cola, Turner Broadcasting Corporation, AT&T, HP, Siemens, Intel, IBM and other Fortune 1000 companies. He conducts leadership workshops in Central Eurasia, the Middle East, South and South East Asia, the United States and Europe. Dr. Crupi received his B.S degree from North Georgia College, M.S. from the University of Southern California, and Ph.D. from the University of Florida. He completed advanced work at the London Business School, Oxford University, and the International Management Institute of Geneva. He serves as a board member of Global Network Foundation, Middle East Leadership Academy and the University of North Georgia. He has served as consultant to the Office of the President of the United States. He also served as a company commander and instructor at the elite Army Ranger School.

Mr. Sam White is the Deputy Director of the Center for Strategic Leadership at the U.S. Army War College – the Army’s premier strategic wargaming center and the nexus for Army senior leader education. He is a member of the Army War College faculty and teaches courses in futures, force design and joint military operations. He is a graduate of the United States Military Academy, the U.S. Army Command and General Staff College and the U.S. Army War College.



Mr. White was commissioned as a field artillery lieutenant in 1984. His first operational assignment was with the 3d Armored Cavalry Regiment at Fort Bliss, Texas where he performed battery officer and fire support duties. Subsequent assignments included fire support and battery command duties with 2nd Squadron, 2d Armored Cavalry Regiment in Bamberg, Germany; Fire Support and Firing Battery Observer Controller duties at the National Training Center at Fort Irwin, California; fire support, battalion executive officer and division artillery operations officer duties with the 4th Infantry Division at Fort Hood, Texas; assignment as the Professor of Military Science and Leadership at the University of Akron; battalion command with 1st Battalion, 30th Field Artillery at Fort Sill, Oklahoma; Director of the Future Force Integration Directorate at the Fires Center at Fort Sill.

Following graduation from the U.S. Army War College, Mr. White was assigned to Fort Sill, Oklahoma as the Deputy Director of the Capabilities Development and Integration Directorate followed by assignment as the Fort Sill Chief of Staff. Following redeployment from Operation Iraqi Freedom, Mr. White was assigned to the U.S. Army War College in the Center for Strategic Leadership (CSL). In CSL he served as the Chief of the Joint and Multinational Initiatives Branch; Chair of the Department of Senior Leader Education and Development; and Deputy Director.

Following his retirement from active duty as a Colonel, Mr. White became the Deputy Director of the Center for Strategic Leadership.

Mr. White holds a Bachelor’s Degree in Engineering Management from the United States Military Academy, a Master’s in Military Arts and Science from the Command and General Staff College, and a Master’s in Strategic Studies from the U.S. Army War College.



Lieutenant Colonel Chris Korpela is an Academy Professor serving as the Deputy Director of the Electrical Engineering Program. His previous military assignments include: Tank Platoon Leader, Scout Platoon Leader, Troop Executive Officer, Squadron Adjutant, and Squadron Assistant Operations Officer in 1st Squadron, 3rd Armored Cavalry Regiment. During a brief break in service, he worked in the civilian sector as a hardware engineer for National Semiconductor Corporation. He deployed as the Headquarters Commander for the 439th Engineer Battalion (USAR) while attached to 2nd Brigade, 82nd Airborne Division in Baghdad, Iraq, in support of Operation Iraqi Freedom. In 2010, he served as the 2nd Infantry Division Network Engineer at Camp Red Cloud, South Korea. During the summer of 2015, he

deployed with the 82nd Airborne Division in support of Operation Inherent Resolve. LTC Korpela is a graduate of the Armor Officer Basic Course, Engineer Captains Career Course, Combined Arms and Services Staff School, Command and General Staff College, Ranger School, Airborne School, and Air Assault School. His research interests include robotics, aerial manipulation, and embedded systems. Research Areas Include: Robotics, Autonomous Weapons, Aerial Manipulation: Time, NewScientist, Drexel Now, Embedded Systems. Awards: Apgar Award Winner, August 2016, "Ethics of Lethal Autonomous Weapons Systems."

Refereed-Journals & Conferences

- Christopher Korpela, Matko Orsag, and Paul Oh, "Hardware-in-the-loop Verification for Mobile Manipulating Unmanned Aerial Vehicles," Journal of Intelligent and Robotic Systems, Vol. 73, Issue 1-4, January 2014, p. 725-736.
- Matko Orsag, Christopher Korpela, Stjepan Bogdan, and Paul Oh, "Hybrid Adaptive Control for Aerial Manipulation," Journal of Intelligent and Robotic Systems, Vol. 73, Issue 1-4, January 2014, p. 693-707.
- Matko Orsag, Christopher Korpela, and Paul Oh, "Modeling and Control of MM-UAV: Mobile Manipulating Unmanned Aerial Vehicle," Journal of Intelligent and Robotic Systems, Vol. 69, Issue 1-4, January 2013, p. 227-240.
- Christopher Korpela, Todd Danko, and Paul Oh, "MM-UAV: Mobile Manipulating Unmanned Aerial Vehicle," Journal of Intelligent and Robotic Systems, Vol. 65, Issue 1-4, January 2012, p. 93-101.
- Stephen A. Wilkerson, Christopher Korpela, and Stephen A. Gadsden, "Aerial Swarms as Asymmetric Threats," presented at the International Conference on Unmanned Aircraft Systems (ICUAS), Arlington, VA, June 2016.
- Christopher Korpela, Philip Root, Jinho Kim, Stephen A. Wilkerson, Stephen A. Gadsden, "A framework for autonomous and continuous aerial intelligence, surveillance, and reconnaissance operations," presented at the Society of Photo-Optical Instrumentation Engineers (SPIE) Conference, Baltimore, MD, April 2016.
- Christopher Korpela, Kenneth Chaney, and Pareshkumar Brahmabhatt, "Applied Robotics for Installation and Base Operations for Industrial Hygiene," presented at the International Conference on Technologies for Practical Robot Applications (TePRA), Woburn, MA, May 2015.

Colonel Eric Van Den Bosch was commissioned a Second Lieutenant of Signal with a Branch Detail to Field Artillery and Distinguished Military Graduate from The Ohio State University (OSU) Army Reserve Officer Training Corps (ROTC) in 1995. He holds a Bachelor of Science degree in Electrical Engineering from OSU and a Master of Business Administration in Information Technology Management from Western Governors University.

Following completion of the Field Artillery Officer's Basic Course and Ranger School, in 1996 he was assigned to the 2nd Battalion, 2nd Field Artillery Regiment, Fort Sill. He served as Fire Direction Officer and Platoon Leader.

Upon completion of the Signal Branch Qualification Course in 1997, COL Van Den Bosch was assigned to the 516th Signal Brigade in Hawaii as Brigade S-3 Training Officer. Moving to 25th Infantry Division (Light), he served in the Division Signal Office and later as the Battalion S-6 for 1st Battalion, 27th Infantry Regiment (Wolfhounds).

He was assigned to Army Special Operations Command, Fort Bragg, in 2001. He served as Company Commander for A Co, 3rd Psychological Operations Battalion (Airborne), Battalion S-4 and Commander for HHC, 112th Special Operations Signal Battalion (Airborne), and Group S-6, 4th Psychological Operations Group (Airborne).

In 2008, he was assigned to Defense Systems Information Systems Agency – Central Field Command (DISA-CENT), MacDill Air Force Base, as Network Operations Officer. In 2011, he was assigned to the Department of the Army, Chief Information Officer/G-6 as Deputy, then Chief, LandWarNet Architecture Integration Division.

Most recently, COL Van Den Bosch was the Commander for 39th Signal Battalion in Belgium supporting US strategic communications at sites in Belgium, Netherlands, Luxembourg, United Kingdom, Northern Germany, France and Poland. Currently, he is a student at the Army War College on Carlisle Barracks with future assignments including Executive Officer, Communications-Electronics Command in summer 2017 and then XVIII Airborne Corps G6 starting in summer 2018.

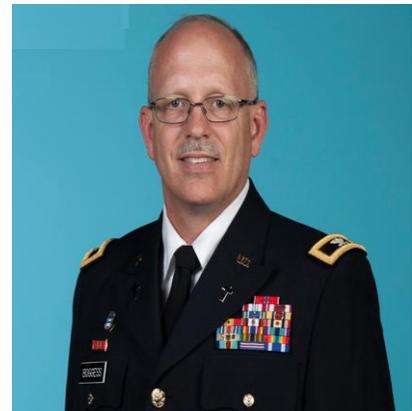
COL Van Den Bosch's awards and decorations include the Defense and Army Meritorious Service Medals, the Army and Joint Service Achievement Medals, the Afghanistan Campaign Medal, the Global War on Terrorism Service Medal, the International Security Assistance Force (ISAF) NATO Medal, Meritorious Unit Citations, the Ranger and Sapper Tabs, and the Senior Parachutist and Air Assault badges. He holds the Army Space Operations and Joint Planners Additional Skill Identifiers and is also an ISACA Certified Information Systems Manager (CISM).





Mr. Bryan DeCoster is the Chief of the Training and Education Division within the Center for the Army Profession and Ethic (CAPE). CAPE is the proponent for the Army Profession, Army Ethic, and Character Development. CAPE assesses the state of the Army Profession, develops related doctrine, and integrates doctrine into the Army's institutional, operational, and self-development domains. Mr. DeCoster is a retired Army Officer with more than 30 years of experience as an Army Professional. His areas of expertise include military intelligence, leadership, and education. He has commanded at company, battalion, and brigade-level and taught at both the United States Military Academy and United States Army War College.

Chaplain (Colonel) Boggess, a native of Villisca, Iowa, holds a Bachelor of Arts from Iowa State University; a Master of Arts in Theological Studies and a Master of Divinity from the Assemblies of God Theological Seminary; and a Doctor of Ministry from Erskine Theological Seminary. His Master's thesis and Doctoral dissertation focused on moral injury. Chaplain Boggess first enlisted in the Iowa Army National Guard in September 1984 as a rifleman and was commissioned as an Engineer Officer in 1991. After serving in various capacities in Iowa, the U.S. Virgin Islands, National Guard Bureau, and Massachusetts, he transitioned to the Army Reserve in 2000 and branch transferred to the Transportation Corps where he deployed to Afghanistan as the commander of a transportation detachment and Iraq as a truck company commander. In 2008, he accessed as a chaplain in the Army Reserves and deployed to Bagram, Afghanistan in 2009. In the fall of 2011, Chaplain Boggess assessed into the Army Reserve's Active Guard Reserve program with duty as the Director of Soldier and Family Ministry at US Army Reserve Command, Fort Bragg, NC before serving as the Garrison Chaplain at Fort Hunter Liggett, California. He holds the 7S (Combat Medical Pastoral Care Specialist) and 7R (Hospital Ministry) skill identifiers and is ordained by the General Council of the Assemblies of God.



Colonel Jason A. Wesbrock enlisted in the Army in 1988. Following basic training, he attended the Defense Language Institute, then attended the United States Military Academy Preparatory School, and received an appointment to the United States Military Academy. He was graduated and was commissioned a Second Lieutenant in the Infantry in 1994. COL Wesbrock's initial assignment was with the 2nd Battalion, 502nd Infantry, 101st Airborne Division (Air Assault) where he served as a Rifle Platoon Leader, Mortar Platoon Leader, and Headquarters and Headquarters Company Executive Officer. In 1998, he was assigned to 1st Brigade, 4th Infantry Division, where he served as the Brigade Personnel Officer, and commanded both HHC/3-66 Armor and then B/1-22 Infantry. In 2002 he was reassigned to the National Training Center as an Observer/Controller on the Scorpion Team, and in 2004, he

served in the Battle Command Battle Laboratory at Fort Leavenworth as a Senior Project Officer.

In April 2007, COL Wesbrock returned to Fort Campbell where he served as the Battalion Operations Officer, then Executive Officer of 2nd Battalion, 506th Infantry, and then Brigade S3, 4th Brigade “Currahee.” In January 2010, COL Wesbrock served as the Executive Officer to the Commanding General, 101st Airborne Division (Air Assault) and in May 2011, he served as the Deputy G3. During this time at Fort Campbell, COL Wesbrock deployed twice to Operation Enduring Freedom. In 2012, COL Wesbrock took command of the 1st Battalion, 5th Infantry Regiment at Fort Wainwright, AK. Following battalion command, he was reassigned to the Joint Staff J7 Office of Irregular Warfare where he served as the Assessments Branch Chief. COL Wesbrock currently is a student at the United States Army War College, and next will serve at III Corps.

COL Wesbrock holds a Bachelor of Science in Russian and Spanish from the United States Military Academy and a Master of Science in Adult and Continuing Education from Kansas State University. He is a graduate of the Infantry Officer Basic and Advance Courses, the Combined Arms Services Staff School, and the Command and General Staff College.

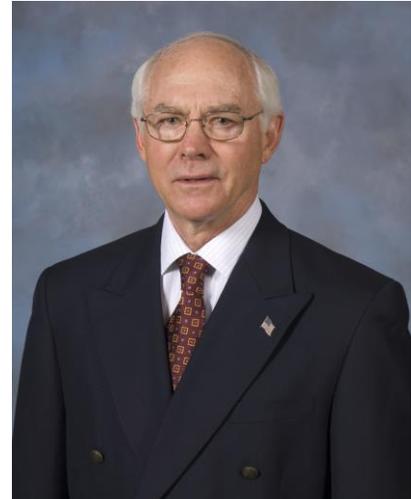
His awards and decorations include the Bronze Star Medal, the Defense Meritorious Service Medal, Army Meritorious Service Medal, Army Commendation Medal, Army Achievement Medal, Army Good Conduct Medal, Military Outstanding Volunteer Service Medal, the Combat Infantryman’s Badge, the Expert Infantryman’s Badge, the Parachutist Badge, the Air Assault Badge, the Ranger Tab, the Bronze Order of Saint Maurice, and the Office of the Joint Chiefs of Staff Identification Badge.

COL Wesbrock is married to the former Kendra Pursell of Mountain Home, Idaho, and they have two sons.



Chaplain (Lieutenant Colonel) Peter Dissmore is the Chaplain Branch Liaison, Analyst, and Ethicist for the Center for the Army Profession and Ethic at West Point. His assignments include: 1977-1989 a Chaplain Assistant, in Germany, Fort Knox, and USACHCS at Fort Monmouth, Chaplain at Fort Sill, Schofield Barracks, Fort Irwin, Fort Riley, Fort Meade, and as the Ethics Instructor for the Engineer School at Fort Leonard Wood. He has two deployments to Iraq, 2007-8; and 2010-11, a BA in Business Management from the University of Maryland, a ThM in Ethics from Princeton Theological Seminary, and an MDIV and DMIN from the Assemblies of God Theological Seminary. He is married to Dr. Tixieanna Dissmore, and has five children.

Dr. Don M. Snider, Ph.D. is the Professor of Political Science, Emeritus at West Point and Adjunct Research Professor, Strategic Studies Institute US Army War College. He was commissioned from West Point in 1962, Dr. Snider has served the Republic for over five decades as both Soldier and scholar. As a Soldier he served three combat tours as an infantry officer in Vietnam, decorated for both valor and wounds. After battalion command in the 7th Infantry Division, he specialized in strategy and defense policy as Chief of Plans for Theater Army, Europe; Joint Planner for the Army Chief of Staff; and, Federal Executive Fellow at the Brookings Institution. In 1987 he joined the staff of the National Security Council in the White House as Director, Defense Policy, serving in both the Reagan and Bush Administrations. In his final active duty position he served in the Office of the Chairman, Joint Chiefs of Staff, retiring in 1990 with award of the Defense Distinguished Service Medal by General Colin Powell.



Since then as a scholar, he served for many years on the faculty at West Point. While teaching and mentoring future leaders for the Army, he led the Academy's effort, and more recently that of our other services, to renew the study of military professions, their ethics, and their civil-military relations. Among his academic accomplishments, he developed privately-funded research projects with scholars from across America and abroad and then published four important books and authored numerous articles in respected military and academic journals on the Army Profession and the moral development of its leaders. Dr. Snider retired from the Academy in 2008 with the rank of Professor Emeritus.

He subsequently joined the faculty at the Army War College as Professor of the Army Profession, and the Center for the Army Profession and Ethic (CAPE) as a Senior Fellow. In these positions he helped lead a two-year effort to produce the first-ever doctrine on the US Army as a military profession (ADRP-1, *The Army Profession*, 2013). He then assisted another such effort in 2015 that redefined the Army's Professional Ethic. Dr. Snider retired a third time in October 2016, assuming Adjunct status. His recent publications include: "Will Army 2025 be a Military Profession?" (*Parameters*, Winter 2015-2016); and "Five Myths about the Army Profession" (*Parameters*, Autumn, 2016).

In the fall of 2015, Dr. Snider received the Morris Janowitz Career Achievement Award from the Inter-University Seminar on Armed Forces and Society. This was the eleventh such award in the fifty-five years of this prestigious international Seminar. In the spring of 2017 he received from the International Society for Military Ethics the Malham Wakin Founder's Award for Lifetime Achievement contributing to the field of military ethics.

Dr. Snider holds a Doctorate in Public Policy from the University of Maryland (1993) and Master's Degrees in Economics and in Public Policy from the University of Wisconsin (1969). He and Caroline, his Army wife of over fifty years, reside in Carlisle, Pennsylvania. They have two children and four grand-children.



Colonel John Vermeesch is the Director for the Center for the Army Profession and Ethic. He received his commission as an Infantry Officer in 1990 from the United States Military Academy. Colonel Vermeesch's first duty assignment was as a Rifle Platoon Leader, Mortar Platoon Leader, Battalion Adjutant, and Company Executive officer in the 2nd Battalion, 187th Infantry at Fort Campbell, Kentucky which included deployment to Operation Desert Storm as a Rifle Platoon Leader. Following the Infantry Officer Advanced Course, he served in the 172nd Separate Infantry Brigade, Fort Wainwright Alaska as a Brigade Plans Officer and Assistant Brigade S3 and then commanded C Company, 17th Infantry also at Fort

Wainwright. Following Company Command, he was then assigned at the United States Military Academy serving as a Company Tactical Officer, and Regimental Executive Officer in the Fourth Regiment, United States Corps of Cadets. Upon completion of the Command and General Staff College, Colonel Vermeesch was assigned to Fort Riley, Kansas where he served as the Deputy G3, Chief of Plans, 24th Infantry Division. He was then assigned as the Battalion S3 of the 1st Battalion, 41st Infantry with deployment to Operation Iraqi Freedom. Upon redeployment, he served as the Executive Officer for 1st Battalion, 41st Infantry. For the next two years he served as the Brigade Executive Officer for the 3rd Bulldog Brigade, 1st Armored Division which was ultimately reflagged as the 2nd Heavy Brigade Combat Team, 1st Infantry Division – Daggers. He then had the privilege of commanding the 1st Combined Arms Battalion, 18th Infantry Regiment from May 2008 to May 2010 including a one year deployment in support of Operation Iraqi Freedom/New Dawn in Northwest Baghdad. Following Battalion Command, he served as the Regimental Tactical Officer for the 3rd Regiment, United States Corps of Cadets at the United States Military Academy. Next, he attended the United States Army War College at Carlisle Barracks, PA. He currently serves as the Director of the Center for the Army Profession and Ethic (CAPE). Colonel Vermeesch holds a Bachelor of Science degree in International Relations from the United States Military Academy, a Master of Science Degree in Counseling and Leader Development from Long Island University, C.W. Post, and a Master of Strategic Studies from the US Army War College. His military education includes the Infantry Officer Basic and Advance Courses, the Combined Arms Services Staff College, the Command and General Staff College, and the Army War College.

Colonel Vermeesch's awards and decorations include: the Meritorious Unit Commendation with Oak Leaf Cluster, the Bronze Star with three Oak Leaf Clusters, the Purple Heart, the Meritorious Service Medal with three Oak Leaf Clusters, the Army Commendation Medal with Oak Leaf Cluster, the Army Achievement Medal with Oak Leaf Cluster, the National Defense Service Medal with Oak Leaf Cluster, the Southwest Asia Service Medal, the Iraq Campaign Medal, the Global War on Terrorism Expeditionary Medal, the Global War on Terrorism Service Medal, the Combat Infantryman's Badge with star, the Expert Infantryman's Badge, the Ranger Tab, the Parachutist Badge, and the Air Assault Badge.

Colonel Vermeesch is married to the former Lynsey Reed from East Tawas, Michigan. John and Lynsey have four wonderful sons: Clayton -22, Wyatt - 20, Tanner - 17, and Sawyer – 15.

Colonel James L. Cook is Permanent Professor and Head, Department of Philosophy, U.S. Air Force Academy, Colorado Springs, Colorado. Col Cook was commissioned through the Officer Training School at Lackland AFB, Texas, and completed the seven-month Communications-Electronics Officer Basic course at Keesler AFB, Mississippi, as a distinguished graduate. Before leading USAFA's Department of Philosophy he served seven years as what is now called a Cyber Officer, including two as executive officer and technical advisor to the commander of the 1100-member 7th Communications Group in the Pentagon. He also served a joint NATO tour as IT chief of the Interim Deployable Combined Air Operations Center. He was deemed a fully-qualified Foreign Area Officer (FAO) in 1999 and continues in that role under the new title of Regional Affairs Specialist (RAS). In 2009 he served as US advisor to the National Military Academy of Afghanistan. He is managing editor of the *Journal of Military Ethics* and publishes on philosophical topics including the ethics of war.



Awards and Decorations: Air Force Legion of Merit, Defense Meritorious Service Medal, Meritorious Service Medal with oak leaf cluster, Air Force Commendation Medal

Selected Publications

“Is There Anything Morally Special about Cyber War?” pp. 16 – 36 in Jens David Ohlin, Claire Finkelstein, and Kevin Govern, eds., *Cyber War: Law and Ethics for Virtual Conflicts*. Oxford University Press, 2015.

“Just War under Cyber Gaia” pp. 421 – 431 in George Lucas, Jr., ed., *Routledge Handbook of Military Ethics*, Routledge, 2015.

“The Ethics of Autonomous Unmanned Aerial Vehicles,” pp. 213 – 225 in James Turner Johnson and Eric Patterson, eds., *The Ashgate Research Companion to Military Ethics*, Ashgate Press, 2015.

“Enders Beginning and the Just War,” pp. 151 – 162 in Decker, Kevin S., ed., *Ender's Game and Philosophy*, Wiley-Blackwell 2013.

“‘Cyberation’ and Just-War Doctrine,” pp. 411 – 423 in the *Journal of Military Ethics*, Dec. 2010.

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“Reproaching the Hero *sans Peur*,” pp. 87 – 101 in *War, Literature, and the Arts*, 2005.

“‘With Whom He Was in a State of Just War’: a Review of the Just-War Tradition,” pp. 49 – 57 in *Word & World*, Winter 2004.

“Aesthetics of Weapons Use,” pp. 226 – 243 in *Science, Technology, and National Security*, Pennsylvania Academy of Science Press, 2002.

“Jonke’s Worldly Measures” in Dalkey Archive Press Casebook Series.

http://www.dalkeyarchive.com/casebooks/casebook_geo/cook.html , 2002.



Dr. Shannon E. French assumed duties as CGSC's General Hugh Shelton Distinguished Visiting Chair of Ethics effective Feb. 1, 2017. French is the Inamori Professor in Ethics, Director of the Inamori International Center for Ethics and Excellence, and a tenured member of the Philosophy Department with a secondary appointment in the law school at Case Western Reserve University in Cleveland, Ohio. She is also a senior associate at the Center for Strategic and International Studies (CSIS) in Washington, D.C. French received her Ph.D. in philosophy from Brown University in 1997. Prior to starting at CWRU in 2008, she taught for eleven years as an associate professor of philosophy at the United States Naval Academy and served as associate chair of the Department of Leadership, Ethics, and Law. She is the author of many

scholarly publications, including *The Code of the Warrior: Exploring Warrior Values, Past and Present*, editor-in-chief for the *International Journal of Ethical Leadership*, and an associate editor for the *Journal*