



Defense Orientation Conference Association

Virtual Conference

CONFERENCE READ AHEAD

Friday, June 26th, 2020

8:00AM to Noon PDT via Microsoft TEAMS

Strategic Deterrence & National Security

World peace has long stood as a hope for humanity. This idea of nonviolence is one motivation for people and nations to willingly cooperate, either voluntarily or by virtue of a system of governance that has this objective. Since 1945, there have been many declarations of a desire for world peace, but despite well intended efforts, civil and worldwide conflict and competition has ensured that national security has remained at the forefront of the U.S. defense strategies. In summarizing a piece of the 2018 National Defense Strategy (NDS), the U.S. has decided to keep the peace through strength by building on military advantage and maintaining important regional balances of power.

Building military advantages include building strength for challenges from the air, land, and sea. One of the strategies is creating, maintaining, and modernizing the nuclear triad. A nuclear triad is a three-pronged military force structure that consists of land-launched nuclear missiles, nuclear-missile-armed submarines and strategic aircraft with nuclear bombs and missiles. The defense budget presented in 2018 left a large opportunity to increase nuclear (and other) forces, as well as devote more resources to keep these forces competitive and modern. When it comes to air, ground, sea and even space forces, the NDS wished to transition from a large, centralized framework in the field to bases that are smaller and more dispersed, resilient and adaptive.

Throughout the conference, DOCA members can expect to learn about the strategic modernization of arms control and the threat assessments surrounding the world leaders. Additionally, there will be education about why having a nuclear triad as a nuclear deterrence is important to national security.

Modernization of the Nuclear Triad

Modernizing U.S. Nuclear Command, Control, and Communications

Lt. Gen. David A. Deptula and Dr. William A. LaPlante and Robert Haddick, Mitchell Institute for Aerospace Studies (February 2019)

This study will examine and explain why modernization of America's NC3 infrastructure is now a critical requirement for the DOD and why modernization should receive the full support of the Congress and the public.

U.S. Strategic Nuclear Forces: Background, Developments, and Issues

Congressional Research Service (April 27th, 2020)

Summary of what the 116th Congress will continue to do with current weapon systems and their plans for developing new delivery systems.



Countering Global Threats

Countering Mobile Missiles: Holding the Entire Launch Cycle at Risk

Col. Herbert C. Kemp, Mitchell Institute for Aerospace Studies (September 2019)

Exploring the means to accomplish the mission of active missile defense within current capabilities.

NATO Looks to Counter Russia's Growing Nuclear Capabilities

Amy McCullough, Air Force Magazine (June 17th, 2020)

Nuclear Deterrence

Nuclear Deterrence Today

Jessica Cox, NATO Review (June 8th, 2020)

Questions why nuclear deterrence is still important among increasingly capable conventional munitions, cyber warfare and autonomous robots...are they still relevant?

4 Things to Know About the U.S. Nuclear Deterrence Strategy

C. Todd Lopez, U.S. Dept. of Defense (April 1st, 2019)

Testimonies of why Nuclear Deterrence can be considered a top priority of the U.S. Military.



Principal Speakers and Briefers

Dr. Stephen Blank



Dr. Stephen Blank is an internationally recognized expert on Russian foreign and defense policies and international relations across the former Soviet Union. He is also a leading expert on European and Asian security, including energy issues. Since 2020 he has been a Senior Fellow at the Foreign Policy Research Institute www.fpri.org. From 2013-2020 he was a Senior Fellow at the American Foreign Policy Council, www.afpc.org. From 1989-2013 he was a Professor of Russian National Security Studies at the Strategic Studies Institute of the U.S. Army War College in Pennsylvania. Dr. Blank has been *Professor of National Security Affairs* at the Strategic Studies Institute since 1989. In 1998-2001 he was *Douglas MacArthur Professor of Research* at the War College.

Dr. Blank has consulted for the CIA, major think tanks and foundations, chaired major international conferences in the USA and abroad in Florence, Prague, and London, and has been a commentator on foreign affairs in the media in the United States and abroad. He has also advised major corporations on investing in Russia and is a consultant for the Gerson Lehrmann Group. He has published over 1300 articles and monographs on Soviet/Russian, U.S., Asian, and European military and foreign policies, including publishing or editing 15 books, testified frequently before Congress on Russia, China, and Central Asia for business, government, and professional think tanks here and abroad on these issues. He has also appeared on CNN, BBC, Deutsche Welle, CNBC Asia, and is a regular guest on VOA.

Prior to his appointment at the Army War College in 1989 Dr. Blank was *Associate Professor for Soviet Studies* at the Center for Aerospace Doctrine, Research, and Education of Air University at Maxwell AFB. He also held the position of 1980-86: Assistant Professor of Russian History, University of Texas, San Antonio, 1980-86, and Visiting Assistant Professor of Russian history, University of California, Riverside, 1979-80.

Dr. Blank's M.A. and Ph.D. are in Russian History from the University of Chicago. His B.A. is in History from the University of Pennsylvania.

Mr. Richard D. Fisher, Jr.



Mr. Richard D. Fisher, Jr. is a Senior Fellow with the International Assessment and Strategy Center. In 2016 he joined the Advisory Board of the Global Taiwan Institute. He has previously worked with the Center for Security Policy, Jamestown Foundation China Brief, U.S. House of Representatives Republican Policy Committee, and The Heritage Foundation. He is the author of *China's Military Modernization, Building for Regional and Global Reach* (Praeger, 2008, Stanford University Press, 2010, Taiwan Ministry of National Defense translation 2012).

Since 1996 he has covered scores of international arms exhibits and his articles have been published in the *Jane's Intelligence Review*, *Jane's Defense Weekly*, *Aviation Week and Space Technology*, *Armed Forces Journal*, *Far Eastern Economic Review*, *Asian Wall Street Journal*, *Defense News*, *The Epoch Times* and *The Washington Times*. He has studied at Georgetown University and received a B.A. (Honors) in 1981 from Eisenhower College.



Dr. Matthew Kroenig



Dr. Matthew Kroenig is the deputy director of the Atlantic Council's Scowcroft Center for Strategy and Security and the director of the Center's Global Strategy Initiative. He is also a tenured professor of government and foreign service at Georgetown University. A 2019 study in *Perspectives on Politics* ranked him one of the top 25 most cited political scientists of his generation. He is the author or editor of seven books, including *The Return of Great Power Rivalry: Democracy versus Autocracy from the Ancient World to the US and China* (Oxford University Press, 2020) and *The Logic of American Nuclear Strategy* (Oxford University Press, 2018). His articles and commentary have appeared in *Foreign Affairs*, *Foreign*

Policy, *Politico*, the *New York Times*, the *Wall Street Journal*, the *Washington Post*, and many other outlets. He co-authors the bi-monthly "Its Debatable" column at *Foreign Policy*. Dr. Kroenig provides regular commentary for major media outlets, including PBS, NPR, BBC, CNN, and C-SPAN.

He previously served in several positions in the US government, including in the Strategy office in the Office of the Secretary of Defense and the Strategic Assessments Group at the Central Intelligence Agency. He regularly consults with a range of US government entities. He has previously worked as a Stanton Nuclear Security Fellow at the Council on Foreign Relations and a research fellow at Harvard University and Stanford University. His work has been supported by the National Science Foundation, the Carnegie Corporation of New York, the Smith Richardson Foundation, the Hertog Foundation, and the Stanton Foundation. He is a life member of the Council on Foreign Relations and holds an MA and PhD in political science from the University of California-Berkeley.

Peter R. Huessy



Mr. Huessy is the President of Geostrategic Analysis, a Potomac, Maryland-based defense and national security consulting business, and Director of Strategic Deterrent Studies at the Mitchell Institute, a Senior Fellow at ICAS, a senior consultant with Ravenna Associates, and previously for 22 years Senior Defense Consultant with the National Defense University Foundation at Fort McNair in Washington, D.C. He is and has been a Guest Lecturer at the School of Advanced International Affairs at Johns Hopkins University, at the Institute of World Politics, at the University of Maryland, at the Joint Military Intelligence School, at the Naval Academy and at the National War College.

Mr. Huessy previously served as Senior Defense Associate at the Institute for Foreign Policy Analysis – Fletcher School of Law and Diplomacy; Director of Research at the George Washington University Center for Technology and Public Policy Analysis; Consultant to the National Security Council; Member of the 1980-1 Defense Transition Team in the Reagan Administration; and is currently a member of the Committee on the Present Danger/China.

Previously, he was Special Assistant to the Secretary of Interior for International Energy Policy; Special Assistant to the Assistance Secretary of Interior for Energy and Minerals; Director of Government Affairs at The Environmental Fund; and Legislative Assistant to Senator Mike Gravel, Senator William Proxmire and Senator Gaylord Nelson.



Mr. Huessy has also been a Guest Columnist at The Washington Times, the Hill, the Daily Caller, The National Interest, EPOCH Times, the Gatestone Institute, US News and World Report, Fox News, Blacknet Reports, and Family Security Matters. Mr. Huessy received his B.S. in Anthropology, International Relations and National Security Policy from Beloit College, a B.S. from Yonsei University in Seoul, South Korea, his Masters in International Affairs from the Columbia University School of International Affairs while also studying at Columbia Law School, with a concentration in International Environmental Law, the Constitutional Law of American Foreign Policy and East Asian Affairs.

He founded the Missile Defense Information Group in 1993 under the National Defense Industrial Association and is founder of the 38-year running Congressional Breakfast Seminar Series on Nuclear Deterrence, Missile Defense and Arms Control and additional seminar series on Space and NNSA.

Major General Roger W. Burg, U.S. Air Force, Retired



Roger Burg is the President of O'Malley Burg Consulting, LLC, a San Antonio based company that specializes in connecting industry with opportunity in the defense and government sectors in San Antonio, Texas. O'Malley Burg Consulting's client base includes aerospace, command and control, cyber security, and information technology companies serving the San Antonio military community.

General Burg retired from active duty in September 2010 after 32 years of service in the Air Force. General Burg commanded ICBM and space units for 10 years, including squadron, group, vice wing, wing and Numbered Air Force. He also served in significant national security and international affairs positions at the White House, the Joint Staff, the Air Staff, US Strategic Command, US Space Command, and Strategic Air Command. His final active duty position was commanding 20th Air Force, responsible for 10,000 airmen, three operational bases, and 500 deployed ICBMs.

General Burg serves as an advisor to the US Strategic Command Advisory Group and is a regular guest speaker at the Air War College. He is active in national security matters and international affairs, and recently published a major review of the nuclear deterrent and the importance of modernizing the ICBM force, "America's Nuclear Backbone: The Value of ICBMs and the New Ground-Based Strategic Deterrent".

General Burg is the Chairman of the Board of Material Intellect, an informatics company specializing in materials science data management and artificial intelligence. He is an active member of the San Antonio community, serving on the Chamber of Commerce Cyber Task Force, the Masters Leadership Program Alumni Association, and the Armed Forces Communications and Electronics Association.

Professional Associations: Chairman, Board of Directors, Material Intellect; Board of Directors, Fisher House, Inc.; Board of Directors, The First Tee of Greater San Antonio; Life Member, Air Force Association; Life Member, Air Force Academy Association of Graduates

Education: B.S., Engineering Mechanics, US Air Force Academy, Distinguished Graduate; M.S., Aerospace Engineering, Columbia University, Guggenheim Fellow; M.S., Strategic Studies, Naval War College, Distinguished Graduate; Distinguished Graduate, National War College



Lieutenant General Jack Weinstein, U.S Air Force Retired



Jack Weinstein, Lieutenant General, USAF, (Ret), served in the U. S. Air Force from 1982 to 2018. Prior to arriving at the Pardee School of Global Studies, he was the Deputy Chief of Staff for Strategic Deterrence and Nuclear Integration, Headquarters United States Air Force, the Pentagon. In this position, he was responsible to the Secretary and Chief of Staff on all aspects of nuclear deterrence operations providing direction, guidance, integration and advocacy regarding the nuclear deterrence mission of the U.S. Air Force and engaged with joint, interagency and NATO for nuclear enterprise solutions.

He was commissioned through the ROTC program in 1982 and received distinguished graduate honors. He served as a Minuteman III missile combat crew commander, instructor, evaluator, flight commander, emergency war order instructor and ICBM test officer. He served on the Headquarters Air Combat Command, Air Force Space Command, Air Force Global Strike Command and U.S. Strategic Command staffs.

His command assignments include the 2d Space Warning Squadron, Buckley AFB Colorado, the 90th Operations Group, F.E. Warren AFB Wyoming, the 30th Space Wing, Vandenberg AFB California, and 20th Air Force and Task Force 214 U.S. Strategic Command, F.E. Warren AFB Wyoming.

In 2005, he deployed to Southwest Asia as Director of Space Forces for operations Enduring Freedom and Iraqi Freedom. General Weinstein also served as the Director of Programs, Office of the Deputy Chief of Staff for Strategic Plans and Programs, Headquarters U.S. Air Force; Director Air, Space and Cyberspace Operations, Headquarters Air Force Space Command and as the Vice Commander, Air Force Global Strike Command, Barksdale AFB LA.

General Weinstein has a Bachelor of Science from the University of Lowell, Lowell Massachusetts; a Master of Science from Embry-Riddle Aeronautical University, Florida; a Master of Science from the Industrial College of the Armed Forces, Ft McNair, Washington DC. In 2006, he attended the Senior Executive Fellowship, John F. Kennedy School of Government, Harvard University.