

CURRICULUM VITAE

DANA E. STRUCKMAN

U.S. Naval War College
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CURRENT POSITION

2010- Deputy Chair, National Security Affairs Department
Professor of Practice of National Security Affairs

Oversees day to day departmental operations including curriculum development, budget, travel, timekeeping, personnel management, minor inventory, scheduling and tasker assignment and oversight. Develops and teaches curriculum to intermediate and senior-level officers in support of Joint Professional Military Education requirements. Conducts seminars for national security professionals stressing critical analysis of decision making and policy development and its affect on national security.

POSITIONS HELD

2006-
2010 United States Naval War College, Newport, RI
Military Professor of National Security Affairs

Develops and teaches curriculum to intermediate and senior-level military officers and civilians in support of Joint Professional Military Education requirements. Conducts seminars for officers stressing critical analysis of decision making and policy development and its affect on national security.

2005-
2006 United States Naval War College, Newport, RI
Student, College of Naval Warfare

2003-
2005 91st Missile Wing, Minot Air Force Base, Minot, ND
Commander, 740th Missile Squadron

Responsible for command and safe operation of 50 remote Minuteman III missiles and associated launch facilities. Maintained alert status of five Missile

Alert Facilities with a combined value of \$850 million. Responsible for leadership, training, evaluation and professional development of 56 officers and 39 enlisted personnel. Planned, organized and directed all aspects of squadron operations in support of Air Force Space Command force application mission.

2001-

2003 Bureau of Intelligence and Research (INR), Department of State, Washington D.C.

Military Advisor to the Assistant Secretary of State, INR

Provided the Assistant Secretary of State, INR, with policy advice and military expertise on world-wide missile and space proliferation and technology issues. Department of State's space representative to the National Intelligence Council's Weapons and Space Systems Intelligence Subcommittee. Technical expert on ballistic missile and space systems advising numerous interagency officials and groups comprised of CIA, DoD, NSA and NASA personnel. Led interagency team as U.S. Verification Officer for warhead destruction project in Bulgaria for historic NATO invite.

2000-

2001 Office of the Assistant Secretary of the Air Force (Acquisition), Headquarters Air Force, Pentagon, Washington D.C.

Intercontinental Ballistic Missile (ICBM) Modernization Program Element Monitor, Directorate of Space and Nuclear Deterrence,

Led staff to direct programming and budgeting of \$3.75 billion ICBM modernization programs. Primary acquisition advisor to the Air Force Chief of Staff and the Secretary of the Air Force on Reusable Launch Vehicle investment strategies and plans. Prepared and presented resource allocation program packages to all levels of Air Force, the Office of the Secretary of Defense, Office of Management and Budget and Congress. Prepared the Assistant Secretary of the Air Force, Chief of Staff of the Air Force, Vice Chief of Staff of the Air Force and Mission Area Director for Congressional testimony on ICBM and reusable launch vehicle issues.

1997-

2000 Headquarters Air Force Space Command, Peterson Air Force Base, Colorado Springs, CO

Command Lead, Hard and Deeply Buried Target Defeat Capability, Common Aero Vehicle and Reentry Vehicle Application Programs,

Led over 120 DoD personnel in \$12 million Analysis of Alternatives directed by the Office of the Secretary of Defense to determine viable weapons to defeat hard and deeply buried targets. Command Lead for development of the Common Aero Vehicle (CAV), Air Force Space Command's newest, most robust reentry vehicle. Prepared Mission Need Statements and Operational Requirements Documents,

and formulated Program Objective Memorandum initiatives to ensure CAV program execution and systems integration.

1996-

1997 Space Warfare Center, Schriever Air Force Base, Colorado Springs, CO
Chief, Space and Missile Test Requirements

Led Air Force Space Command's operational ICBM flight test and evaluation programs which provided ICBM accuracy and reliability data to U.S. Strategic Command. Integrated missile test requirements from the Department of Energy, Air Force and U.S. Strategic Command. Planned and managed Air Force Space Command's five year test forecast and the \$350 million test budget.

1993-

1996 576th Flight Test Squadron, Vandenberg Air Force Base, CA
ICBM Test Operations Staff Officer

Supervised three-officer section directing the ICBM test and evaluation launches of Peacekeeper and Minuteman III ICBMs to meet Joint Staff and Air Force Space Command test objectives. Instructed complex countdown procedures and advised team members during operational test launches.

1989-

1993 90th Strategic Missile Wing, Francis E. Warren Air Force Base, Cheyenne, WY
Peacekeeper Missile Combat Crew Member, Senior Deputy Evaluator, Instructor Commander

Evaluated and instructed ICBM crews on system operations and launch procedures for the Peacekeeper ICBM. While on alert, directly responsible to the Commander, Strategic Air Command and the National Command Authority for the positive control, retargeting and execution of 50 ICBMs after the receipt of Emergency War Orders.

1988-

1989 4315th Combat Crew Training Squadron, Vandenberg Air Force Base, CA
Student, Peacekeeper Combat Crew Initial Qualification Training

EDUCATION

- 2006 - Master of Arts, National Security and Strategic Studies, Naval War College, Naval Station Newport, Newport, RI
- 2000 - Air Command and Staff College (seminar), Pentagon, Washington D.C.
- 1994 - Master of Science, Human Resource Management, Lesley College, Cambridge, MA
- 1988 - Undergraduate Missile Training, Vandenberg Air Force, CA

1987 - Bachelor of Science, University of Nebraska, Lincoln, NE

PUBLICATIONS

“America Cannot Afford to Leave the Open Skies Treaty”, *The National Interest*, 19 December 2019

“The Importance of Intercontinental Ballistic Missiles to Nuclear Defense”, *The Hill*, 23 April 2019

“Does North Korea Have An ICBM Capability?”, Naval War College, *Sense of the Faculty: North Korea*, April 2018

“North Korean ICBMs: Still a Work in Progress”, *The Bridge*, Naval War College Foundation Spring edition, 2018

“North Korea’s ICBM: They Can’t Turn Los Angeles into Atomic Ash (Yet)”, *The National Interest*, 19 January 2018

“Someone Besides the President Should Have the Nuclear Codes”, with Dr. Tom Nichols, *The Hill*, 20 November 2017

Primary contributor to Bruce Dorminey’s article, “Time to Replace America’s Land-Based ICBMs” in *Forbes* on current and future state of the ICBM force, 31 May 2017

“Dumping America’s ICBMs Would Be a Big Mistake”, with Dr. Tom Nichols, *The National Interest*, 5 October 2016

“Welcome to American Nuclear Weapons 101”, with Dr. Tom Nichols, *The National Interest*, 3 October 2015

“Not So Fast: Pyongyang’s Nuclear Weapons Ambitions”, with Dr. Terry Roehrig, *Georgetown Journal of International Affairs*, 20 February 2013

“‘Resetting’ Relations between the U.S. and Russia”, with Nikolas Gvosdev, *Case Studies in Policy Making*, 12th ed., Hayat Alvi and Nikolas Gvosdev (Newport, RI: U.S. Naval War College, 2010)

“The United States and Russia: Rekindling the Cold War”, *Case Studies in Policy Making*, 11th ed. (Newport, RI: U.S. Naval War College, 2008)

CURRICULUM

Navigating the Theater Security Enterprise, electronic textbook, Naval War College Press, 2016. Co-authored chapter entitled, “A Very Slim Reed: From

the Phrases of the Constitution to the Theater Security Enterprise”, and contributed to chapter entitled, “Deploying Influence and Expertise: Think Tanks, Interest Groups, and Lobbyists in the Theater Security Context”

“The Next Tanker”, Updated and revised with CDR John Segerson, *Case Studies in Policy Making*, 12th ed. (Newport, RI: U.S. Naval War college, 2010)

“Colombia: Mission Impossible?”, David Buckwalter, Revised by Dana E. Struckman, *Case Studies in Policy Making*, 11th ed., (Newport, RI: U.S. Naval War College, 2008)

SERVICE AND OUTREACH

Naval War College Space Planning Committee Member. National Security Affairs Department representative to Space Planning Committee. The efforts of this committee help determine utilization and prioritization of classroom, office and study space for the Naval War College campus, (Ongoing)

Invited Lecturer: “Nuclear Weapons – An Overview”, Harvard Extension School, 2019

Joint Professional Military Education (JPME) Accreditation Team Member. Served as team member evaluating the College of Information and Cyberspace for initial JPME Phase II accreditation, 2019.

Invited participant during Naval War College *DPRK Crisis—Sense of the Faculty Seminar 2018*. As one of the resident ICBM experts, provided technical and strategic insights to development of North Korean ICBM capabilities. Authored “North Korean ICBM Development” as part of debate on pace of North Korean nuclear development, 2018.

Naval War College Joint Professional Military Education (JPME) Subcommittee Member. Assisted the Academic Policy Council by providing executive oversight and coordinating effective and timely integration of the JPME Program into Naval War College curricula. Primary departmental author for chapters on “Academic Programs and Curriculum” and “Academic Evaluation and Quality Control” in both Naval War College Self-Study documents resulting in successful JPME Phase I and Phase II reaccreditation efforts, 2015.

New England Association for Schools and Colleges (NEASC) Self-Study Committee. Departmental lead as member on the Self-Study Report committee focusing on the key areas of Academic Programs and Faculty resulting in

successful reaccreditation of Naval War College as Master's Degree granting institution, 2014.

Naval War College Faculty Handbook Committee Member. Key contributor to 18 month effort in a complete update of Naval War College Faculty Handbook, 2013.

Panel Chair and Discussant for "International Relations: Subversive Networks and International Stability" panel during New England Political Science Association Conference, 2010.

Invited Lecturer: "Nuclear 101—ICBM Operations", *Project on Managing the Atom*, Harvard University, John F. Kennedy School of Government, August 2009

National Security Affairs Department Committee Chair to study faculty evaluations. The efforts of this committee resulted in better feedback to the department chair on individual professors as well as better measures to the sub-course directors on the effectiveness of their respective courses.

Invited Lecturer: "Air and Space Power in Joint Operations", National Security Affairs workshop on joint concepts at the Air War College of Uruguay, 2009.

Invited Professor: National Security Affairs Policy Making and Process course at Defense Acquisition University, Department of the Army, Huntsville AL, 2009.

BOOK REVIEWS

Review of John J. Klein, "Space Warfare: Strategy, Principles and Policy", Space Power and Politics Series, New York: Routledge, 2006 in *Naval War College Review*, Summer 2007, Vol. 60, No. 3

MILITARY DECORATIONS:

Legion of Merit
Defense Meritorious Service Medal
Meritorious Service Medal (2 Oak Leaf Clusters)
Air Force Commendation Medal (3 Oak Leaf Clusters)
Air Force Achievement Medal
Combat Readiness Medal