

BRIAN C. WEEDEN, PhD.

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EXECUTIVE SUMMARY

- Award winning and internationally recognized authority in space policy with 20+ years of progressively responsible experience leading high-performing interdisciplinary teams.
 - Distinguished public intellectual with 80+ publications including congressional testimony, peer-reviewed research, and targeted policy analysis that directly have influenced U.S. and international space strategies.
 - Proven track record of establishing organizational strategy, maximizing constrained budgets, and directing research activities that shape national security and commercial space policies.
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PROFESSIONAL EXPERIENCE

Director of Civil and Commercial Policy, The Aerospace Corporation, May 2024 – Present

Leading High Impact Policy Research & Cross-Functional Teams

- **Directs and inspires** interdisciplinary team of policy experts in the Center for Space Policy and Strategy, focusing on civil and commercial space policy and regulatory issues. Led creation of ground-breaking analysis on U.S. civil space spending and size of commercial space sector.
- **Establishes organizational priorities** and provides strategic guidance on research initiatives that influence national and international space policies and strategies.
- **Develops and executes** strategic planning for the Space Safety Institute, leading policy analysis on crewed and uncrewed space safety issues across diverse customer bases. Led effort to develop technical and policy priorities for global in-space rescue capabilities.
- **Orchestrates research activities** and creates policy-related scenarios for national and international customers, demonstrating ability to translate complex technical issues into strategic solutions.
- **Builds strategic partnerships** with universities and international think tanks, expanding organizational reach and influence.
- **Serves as Board Member and Co-Chair** of Policy Committee for CONFERS, demonstrating leadership in industry governance and influencing global policy frameworks.

Chief Program Officer, Secure World Foundation, October 2007 – April 2024

Strategic Leadership & Organizational Management

- **Directed strategic planning process** for multi-year projects and budgets, coordinating ideation and formulation across interdisciplinary teams of project managers.
- **Optimized limited organizational resources** and operations to maximize impact and progress towards strategic goals, reporting progress and accomplishments to Board of Directors.
- **Led over 50 high-level dialogues and workshops** that advanced global understanding of space sustainability and security, demonstrating exceptional ability to inform and influence policy discussions.

- **Established and maintained effective working relationships** with senior leadership across multiple countries, the United Nations, and U.S. Congress. “Go-to expert” for policymakers.
- **Published 80+ influential analyses** including congressional testimony, academic papers, and policy reports that informed senior government decision-making and inspired new scholarship.
- **Testified before Congress 4 times** on critical space policy issues including space traffic management and Chinese space activities, directly influencing legislative discussions.
- **Led and co-authored annual Global Counterspace Capabilities Report (2018-2024)** - recognized as definitive reference for government and industry.
- **Served as Co-Chair** of World Economic Forum's Global Future Council on Space Technologies (2010-2020), leading creation of influential policy reports and initiatives.
- **Led advisory committee work** for NOAA's ACCRES (2016-2020) on non-Earth imaging, directly influencing the most significant commercial remote sensing regulation reform in two decades.

Assistant Adjunct Professor, Georgetown University, April 2019 – Present

Academic Leadership & Interdisciplinary Curriculum Development

- **Co-teaches graduate course** on Space Technologies and Security, educating masters students on the important role space plays in national and international security.
- **Created annual seminar scenario** that integrates technology, policy, law, and international relations into applied learning experiences.

Executive Director, Consortium for the Execution of Rendezvous and Servicing Operations (CONFERS), November 2017 - March 2023

Organizational Development & Industry Leadership

- **Built and led** an international consortium of 60+ companies, successfully transitioning from DARPA-funded startup to independent trade association.
- **Developed industry best practices** and technical standards for satellite servicing, assembly, and manufacturing, shaping the first-ever international standard for ISAM.
- **Engaged with multiple governments** to provide industry perspectives on policy and regulatory issues, demonstrating ability to bridge technical and policy communities.

Officer, United States Air Force, May 1998 – August 2007

Military Leadership & Operations Management

- **Commanded 100+ personnel** as ICBM Operations Support Flight Commander, responsible for daily operations across multiple facilities and critical national security assets.
- **Led orbital analyst training program** as Space Surveillance Director Instructor, pioneering tactics and procedures for emerging counterspace threats, including the 2007 Chinese ASAT test, and rendezvous and proximity operations.
- **Established operational procedures** that enhanced U.S. military space domain awareness and space control capabilities.

EDUCATION

- **Ph.D. in Public Policy and Public Administration, January 2017**, George Washington University, Washington, DC. Field of study: science and technology policy. Dissertation: History

of the U.S. interagency process for creating presidential policies on dual-use space technologies.

- **M.S. in Space Studies, May 2006**, University of North Dakota, Grand Forks, ND. Areas of study: economics and management of space enterprise, international space policy, remote sensing applications, mitigation methods for preventing asteroid collisions.
 - **B.S. in Electrical Engineering, May 1998**, Clarkson University, Potsdam, NY. Areas of study: control system dynamics, Fourier transforms for harmonic analysis, integrated circuit design, and computer processor design.
 - **International Space University, Interdisciplinary Space Studies, Summer Session Program, 2007**, Beijing, People's Republic of China.
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AWARDS

General James Doolittle Award (MIT), 2023. Recognized as national security space thought leader with significant contributions to the advancement of U.S. air power and national security through space policy leadership.

SELECTED PUBLICATIONS & THOUGHT LEADERSHIP

Congressional Testimony & Government Briefings:

- *"Rule by Law: China's Increasingly Global Legal Reach," U.S.-China Economic and Security Commission (2023)*
- *"Space Traffic Management: How to Prevent a Real Life "Gravity," House Subcommittee on Space and Aeronautics (2016)*

Recent Policy Analysis (2024-2025):

- *"Should the Wolf Amendment Be Repealed?" The Aerospace Corporation (2025)*
- *"U.S. Policy Decisions That Shaped Civil and Commercial Use of GPS," The Aerospace Corporation (2025)*
- *"Commentary: Chinese Assessments of Starlink and U.S.-China Space Relations," CSIS (2024)*

Foundational Research & Reports:

- *Co-editor, Annual "Global Counterspace Capabilities Report" (2018-2024)*
- *"Mitigating Noncooperative RPOs in Geosynchronous Orbit," Aether (2022)*
- *"Bringing Space Down to Earth," World Economic Forum (2015)*
- *"Taking a common-pool resources approach to space sustainability: A framework and potential policies," Space Policy (2012)*
- *"Overview of the legal and policy challenges of orbital debris removal," Space Policy (2011)*
- *50+ additional publications in space policy, security, and sustainability*

Media & Public Engagement:

- *Frequent requested expert analysis on space policy developments and international relations by the New York Times, Washington Post, Wall Street Journal, and The Economist*
 - *Featured on CBS 60 Minutes, Fox News, CBC The National, NPR Morning Drive*
 - *Regular commentary in SpaceNews, Defense News, and Scientific American*
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Complete publication list and references available upon request.