

COMMITTEE ON NATURAL RESOURCES
118th Congress Disclosure Form
As required by and provided for in House Rule XI, clause 2(g)(5)

*Examining Ongoing Cybersecurity Threats within the Department of the Interior and the
Nexus to State-Sponsored Cyber Actors*

For Individuals:

Name: Dean Benjamin Cheng

Address: [REDACTED]

Email Address: [REDACTED]

Phone Number: [REDACTED]

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For Witnesses Representing Organizations:

Name:

Name of Organization(s) You are Representing at the Hearing:

Business Address:

Business Email Address:

Business Phone Number:

* * * * *

For Nongovernment Witnesses ONLY:

1. Please attach/include current curriculum vitae or resume.

See attached.

2. Please list any federal grants or contracts (including subgrants or subcontracts) related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the source and amount of each grant or contract.

N/A

3. Please list any contracts or payments originating with a foreign government related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the amount and country of origin of each contract or payment.

I have not received any payments not been on any contracts with a foreign government.

4. Please disclose whether you are a fiduciary (including, but not limited to, a director, officer, advisor, or resident agent) of any organization or entity that has an interest in the subject matter of the hearing.

I am not.

5. Please list any current or pending litigation against the Federal government to which you or your organization is a party. Please disclose as applicable case name, docket number, the court, and subject matter of the litigation.

N/A

Curricula Vitae Dean Cheng

Fluent in spoken (Mandarin) and written Chinese

SENIOR ADVISOR, UNITED STATES INSTITUTE OF PEACE, 2022 TO PRESENT:

- Panelist at USSOUTHCOM Component Commanders Conference on Chinese information warfare activities in South America (May 31, 2023)
- Briefer at USIP-sponsored events for Congressional staff on Chinese military developments

SENIOR FELLOW (NON-RESIDENT), POTOMAC INSTITUTE FOR POLICY STUDIES, 2022 TO PRESENT:

- Panelist at USCYBERCOM conference on Chinese legal warfare and cyber activities (April 18, 2023)
- Panelist at USCENTCOM-sponsored conference on Chinese military modernization (March 9, 2023)
- Testimony to US Strategic Posture Commission (February 13, 2023)
- Moderator and panelist for PIPS Global Competition Project roundtable on Chinese technological competition

SENIOR RESEARCH FELLOW FOR CHINESE POLITICAL AND SECURITY AFFAIRS, HERITAGE FOUNDATION, 2009 TO 2022:

Studies authored. Author of several Heritage Foundation backgrounders, including.

- Ideas Matter: The Fight Against the Ideology of the Chinese Regime (March 29, 2021)
- China, Open Source Information and Transparency (August 17, 2020)
- Challenging China's "Wolf-Warrior" Diplomats (July 6, 2020)
- Assessing Beijing's Power: A Blueprint for the U.S. Response to China Over the Next Decades (February 10, 2020)
- The Importance of Maritime Domain Awareness for the Indo-Pacific Quad Countries (March 6, 2019)
- Evolving Chinese Thinking about Deterrence: What the United States Must Understand about China and Space (March 2018)
- Evolving Chinese Thinking About Deterrence: The Nuclear Dimension (August 2017)
- Prospects for Extended Deterrence in Space and Cyber: The Case of the PRC (January 2016)
- China's Pivot to the Sea: The Modernizing PLA Navy (December 2015)
- The US Needs an Integrated Approach to Counter China's Anti-Access/Area Denial Strategy (July 2014)
- Taiwan's Maritime Security: A Critical American Interest (March 2014)
- Winning Without Fighting: Chinese Psychological Warfare (July 2013)
- Winning Without Fighting: Chinese Public Opinion Warfare and the Need for a Robust American Response (November 2012)
- Winning Without Fighting: Chinese Legal Warfare (May 2012)
- China's Space Program: A Growing Factor in U.S. Security Planning (August 2011)

Wargaming. Participated in various wargames organized by US government and contractors, including Schriever series of space wargames and USAF Global Engagement Title 10 games.

Congressional Testimony. Testified before House and Senate committees, including House Foreign Affairs, Senate Armed Services. Also briefings to individual Senators, Representatives, and staff.

SENIOR ASIA ANALYST, CNA, 2001 TO 2009:

Studies Authored. Lead author of several studies.

- *China's Space Program: An Open-Source Examination*, CNA (September 2008)
- *An Exploration of the Evolving PLA Elite*, CNA (December 2007).
- *China's Mobilization System Shortcomings*, CNA (June 2005).
- *Chinese Approaches to Mobilization: An Open Source Exploitation*, CNA (September 2004)
- *Joint Operations with Chinese Characteristics: A Preliminary Study*, CNA (August 2003).

Contributed to Other Studies.

- *USN Strategic Communications*, CNA. Analyzed PMESII perspectives for Asia-Pacific region.
- *Taiwan Post-Conflict Scenarios* (co-authored with Michael McDevitt), CNA (May 2006). Co-author
- *Aviation Type Command Alignment: The Promise and the Pitfalls*, with Karen D. Smith et. al., CNA, (January 2003). Authored one chapter on potential impact on USN position in Asia-Pacific.

Project Management. Managed several CNA projects for a variety of US government clients. Responsibilities included interacting with senior members of US military and US intelligence community; briefing same groups on both programmatic and substantive aspects of studies; and overseeing and coordinating activities of several researchers.

China Wargaming. Participated in a number of wargames as China and/or Taiwan team. Wargames were conducted by a variety of contractors, including Johns Hopkins University Advanced Physics Lab, SAIC, and Arete Associates, for a number of clients, including OSD Policy, etc.

SENIOR ANALYST, SAIC, 1996 TO 2001:

Project Management. Managed project for US Government agency on PRC cropland availability. Responsibilities included interacting with members of US intelligence community, MEDEA panel scientists, and the National Intelligence Council; briefing same groups on both programmatic and substantive aspects of the study; coordinating deliverables from subcontractors; and supporting panel meetings. Oversaw SAIC staff in providing support to US Army staff.

Project Development. Involved in developing several projects for both US Government and commercial clients. Responsible for winning \$500,000 in combined contract efforts on development of new databases for US Army. Headed effort relating to cruise missile defenses. Participated in efforts relating to foreign direct investment in Asian states, including the PRC and Indonesia, and in Megafloat project for US Marine facilities on Okinawa.

Reports on Asia. Researched and wrote reports on various aspects of Asian security and economic developments for US Government agencies and SAIC. Papers included examination of ASEAN Regional Forum, proliferation of weapons of mass destruction in Asia, prospects for

Asian security to 2025, and impact of recent Asian economic crisis. Provided translation and analysis of “*Unrestricted Warfare*,” as well as other Chinese writings on RMA and future warfare. Briefed findings to National Intelligence Council, DCSPRO, and others. Provided political analyses for commercial clients on Sino-Indonesian relations and PRC economic policies. Providing analysis on Chinese perspectives on nuclear deterrence.

China Wargaming. Regular participation in SAIC-run wargames on China, including for STRATCOM, intelligence community and others.

Conducting Seminars. Led seminars on PRC science, technology, and industry for US Government client. Seminars included participants from multiple US agencies.

On-site Support. Provided on-site support to US Army, Mobilization and Readiness Directorate. Created Army database for tracking US Army deployments. Participated in QDR 1996 and QDR 2000 on Army readiness. Assisted in Army participation in Dynamic Commitment 1996 and Dynamic Commitment 2000 wargames, relating readiness data to force structure.

[Further details available on request.]

PROFESSIONAL ORGANIZATIONS AND BOARDS

Member, Intelligence Community Studies Board, National Academy of Sciences (2022 to present). Member of the Intelligence Communities Studies Board of the NAS, the convening authority for the discussion of science and technology issues of importance to the ODNI.

Member, User Advisory Group, National Space Council (2017-2023). Member of the UAG to the National Space Council, providing additional input and analysis in response to requests from the NSpC.

SELECTED PUBLICATIONS AND SYNOPSES

- “Divergent US and Chinese Views of Information, Deterrence, and Future Warfare,”** in *The Journal of Policy and Strategy* (II, #3, 2022). Examines Chinese writings on deterrence, especially nuclear, and highlights differences with American approaches and concepts.
- “A Comprehensive Approach to Space Deterrence,”** *The Strategy Bridge*, with John Klein (March 31, 2021). Examines Chinese concepts of deterrence through space, and differentiates it from Western concepts of space deterrence.
- “Space and Chinese National Security: China’s Continuing Great Leap Upwards,”** in *The PLA Beyond Borders*, ed. by Joel Wuthnow, Arthur Ding, and Philip Saunders (Washington, DC: NDU Press, 2021). An examination of Chinese space activities beyond the GEO orbital regime, including cis-lunar, interplanetary, and deep-space activities.
- “How China Has Integrated Its Space Program Into Its Broader Foreign Policy,”** China Aerospace Studies Institute (2020). An examination of Chinese use of space to support its foreign policy, including through sales, international organizations, and other behavior.
- “An Overview of Chinese Thinking about Deterrence,”** in *Netherlands Annual Review of Military Studies, 2020*, ed. by Frans Osinga and Tim Swejis (The Hague, Netherlands: T.M.C. Asser Press, 2020). An examination of Chinese writings on deterrence, including nuclear, space, and cyber deterrence, including Chinese military textbooks and journal articles.
- “Chinese Concepts of Space Security: Under the New Circumstances,”** in *Handbook of Space Security*, ed. by Kai-Uwe Schrogl (NY: Springer Publishing, 2020). An analysis of PLA writings on space security and “space dominance” under what the Chinese term “the new circumstances” that have developed since 2015.
- “China and Cyber: The Growing Role of Information in Chinese Thinking,”** in *Confronting an Axis of Cyber?* ed. by Fabio Rugge (Milan, Italy: Ledi Publishing, 2018). A survey of Chinese discussions of the growing strategic role of information.
- Cyber Dragon*, by Dean Cheng (NY: Praeger Publishing, 2016). An analysis of PLA and other Chinese writings on the role of information in future conflict. Examines Chinese concepts of information dominance at the strategic, operational, and tactical levels.
- “Space and the Evolving Chinese Military,”** in *Crisis Stability in Space*, with Bruce MacDonald, Admiral Dennis Blair, Karl Mueller, and Victoria Samson (Washington, DC: Foreign Policy Institute, 2016). A discussion of the Chinese military’s evolving views of the role of space in future military operations.
- “How to Oppose China’s Bid for Maritime Dominance,”** in *The National Interest* (February 16, 2016). An examination of Chinese activities in the South China Sea, including deployment of SAMs and advanced fighter aircraft.
- “The PLA’s Wartime Structure,”** in *The PLA as Organization v. 2.0*, ed. by Kevin Pollpeter and Kenneth Allen (Merrifield, VA: DGI, 2015). www.pla-org.com. An updated analysis of PLA writings about joint operations and joint command structures.
- “Converting the Potential to the Actual: Chinese Mobilization Policies and Planning,”** in *The People’s Liberation Army and Contingency Planning in China*, ed. by Andrew Scobell, Arthur S. Ding, Philip C. Saunders, and Scott W. Harold (Washington, DC: NDU Press, 2015). An analysis of recent Chinese writings on mobilization policies and organizations, including the passage of the Chinese National Defense Mobilization Law.

“Chinese Concepts of Space Security,” in *Springer Handbook of Space Security*, ed. by K.U. Schrogl (NY: Springer Publishing, 2015). An overview of Chinese concepts of space security and deterrence, and its place in Chinese military doctrine.

“Information Dominance: PLA Views of Information Warfare and Cyberwarfare,” in *Chinese Cybersecurity and Cyberdefense*, ed. by Daniel Ventre (Hoboken, NJ: Wiley & Sons-ISTE Publishing, 2014). A survey of Chinese military writings on information dominance, information warfare, and cyber warfare.

“Countering China’s A2/AD Challenge,” in *The National Interest* (September 20, 2013). Authored an article examining the Chinese efforts at anti-access/area denial.

[Further publications and details available on request.]