

KATHLEEN A. WALSH

OVERVIEW

Public policy-oriented research, analysis, teaching, consulting and senior management experience at professional military college, prominent Washington think tanks, and as a government and independent consultant. 30 years' experience researching and analyzing issues affecting US & international security, focusing particularly on the Indo-Asia-Pacific region, primarily China, specializing on the nexus of security and science, technology and innovation strategy and policy.

EMPLOYMENT HISTORY

Naval War College, Newport, RI

January 2006-present

Associate Professor of National Security Affairs, National Security Affairs Department (NSA); Director, Oceanography & Maritime Security Group (OMSG); Founder, NSA Department Annual Senior Student Trip to Washington, DC (2016-present).

- Teach graduate seminars on how to analyze and understand US national security and policy decisionmaking at the national strategic and theater levels to US Navy and select officers from US and international military services (O3-O6) as well as U.S. Government civilians for JPME I & II college credit. Co-taught and co-developed electives on *China's National Security* and the *History of Science & Technology: East Meets West*; periodically teach and lecture for the Reserve Officer and International Staff Courses.
- Curriculum development for Policy Analysis sub-course sessions on myriad topics including Deciding War, Congress, defense budgeting, Governmental Politics, lobbies, think tanks and interest groups, the National Security Council, Interagency, and Intelligence Community. Exam Committee member and CD Block lead. Interviewed by video on think tanks' role in policy for NWC's Continuing Distance Education program.
- Established annual Senior Student Trip to Washington, DC for NWC students to meet with policymakers and others involved in national security policy decisionmaking in Washington, DC. Visits to the White House, Pentagon, State Department, CIA, Capitol Hill, think tanks, NGOs & CCMDs (2016-present; 2021 virtual). Received Navy Meritorious Civilian Service Award for work related to this program (2020).
- Founder and Director, Oceanography and Maritime Security Group (OMSG), virtual community established to connect experts in ocean science, technology and maritime security; draft quarterly electronic newsletter.
- Affiliate of the Naval War College's China Maritime Studies Institute (CMSI); participant in NWC's Asia-Pacific Working Group and Wylie Group (on science and technology issues), and other NWC forums.
- Service: Faculty Advisory Council member (elected by peers for 2021-23 term). NWC hiring, search, and Faculty Award committees, including CNWS Dean Search Committee (NSA Department rep). Mentor to military and civilian NWC faculty and research colleagues (also to AEI/Fulbright fellow). Served on NSA Department's Editorial Board, as a member of faculty evaluation and sub-course exam committees, also new faculty panels.
- Research, lecture, consult, and publish on China and Asia on an array of issues relating to US and Chinese security strategy and policy, including US-China relations, PLA modernization and defense industrial development, China's evolving science, technology, and innovation strategies and policy, globalization issues affecting technology transfer and proliferation, US and multilateral export control policy, and the concept of the ocean or "blue" economy. Independent field research in and visits to China/Asia from 1994 through 2019. Frequent participant in numerous meetings with foreign and US visiting dignitaries.
- Organized ground-breaking workshop on "US & Chinese Perspectives on the Blue Economy" (2015).
- Conduct outreach via above, media and scholarly interviews, coordinating faculty research trip to Washington, DC as well as departmental or OMSG invitations to prominent guest lecturers from the

Washington or maritime policy communities and via role as NWC liaison to the New England Chapter of Women in International Security based at Tufts University Fletcher School; also established and maintained NWC-WIIS/NE email listserv, CMSI twitter site @ChinaMaritime, among other outreach activities.

Consultant on International and Asian Security

January 2004–December 2005

Independent consulting projects included the following:

- **Los Alamos Technical Associates (LATA)**. Served as a Consultant and Rapporteur for the *Seventh International Export Control Conference* (Stockholm, Sweden, September 20–22, 2005), contracted by LATA for US State Department-hosted event.
- **Henry L. Stimson Center's Program on the Future of Peace Operations**, Project Director of the *Post-Conflict Border Security and Trade Controls Project*. This four-month research project (part of a larger, Carnegie-funded *Project on Post-Conflict Rule of Law*) examined what effective border security, customs operations, and export control mechanisms are essential to achieving successful post-conflict planning, programs, and operations. The project's first phase resulted in a survey of current initiatives and assistance programs in these areas, a high-level seminar on lessons learned involving top government and industry experts for their expertise and insights, and a final report summarizing the analysis and key policy recommendations. Also drafted a conceptual outline that was used as the basis for the Phase 2 project report, reviewing that draft prior to publication in December 2006. [Phase I project: February–May 2005]
- **The Monterey Institute for International Studies (MIIS), Center for Nonproliferation Studies (CNS)**, Washington office — provided research and presentation materials for a nonproliferation and export control seminar to be conducted by the US State Department's Program on Export Control and Related Border Security Assistance (EXBS) in the Gulf State region. [January 2005]
- **Center for Strategic and International Studies (CSIS), International Security Program, Asia Project**, Washington, DC — conducted research and analysis of growing Chinese–South Korean relations and cooperation in the information technology and telecommunications industry sectors. Produced a 30+ page report for transmittal to a US Government client as part of a larger CSIS Asia project. [February–June 2004]

Henry L. Stimson Center, Washington, DC

April 2000–October 2004

Senior Associate — Projects Director, Program on Linking Trade, Technology, & Security

- Established new program area. Managed three simultaneous projects analyzing international technology transfers, nonproliferation and export controls, and the rise of China.
- Authored ground-breaking monograph based on a long-term, in-depth study on the globalization of R&D and its implications for US–China relations. The study was made possible by an individual grant by the Smith Richardson Foundation. The report — *Foreign High-Tech R&D in China: Risks, Rewards, and Implications for US-China Relations* (Stimson Center, June 2003) — is the first to address this dynamic issue, was based on extensive independent field research conducted in China in 2002, and is an oft-cited source in articles, testimonies, dissertations, and college curricula.
- Director and founder of the *Stimson Center Fellowship in China*, an original program funded by the Henry Luce Foundation that provided US experts on international security a unique opportunity to conduct research in China. Managed all aspects of the trial program, from funding and budgeting, to editing final research papers for web publication, to candidate recruitment and outreach in the PRC and USA. Established a network of 30+ PRC institutions, organizations, and ministries in five major Chinese cities and sponsored three fellows to China.
- Expanded Stimson Center programming on proliferation matters and US and multilateral export control-related issues through public outreach, publications, and seminars. Co-hosted with the Stanley Foundation a policy seminar on “Improving Multilateral Export Controls and Technology Access for the Developing World” (December 2002).

- Served as Analyst and Senior Technical Advisor for the *Study Group on Enhancing Multilateral Export Controls for U.S. National Security* (April 2001). Co-authored the Study Group's bipartisan report, the product of a year-long, Congressionally mandated, high-level study sponsored by the Office of the Secretary of Defense. Primarily responsible for substantive aspects of the project, including co-writing key chapter and editing drafts of the report, soliciting and editing a series of high-level working papers, and assisting the executive director on Study Group member recruitment, project development, contracting matters, as well as coordinating Study Group outreach activities, events, and briefings in the US and in Europe.
- Additional Center responsibilities included developing new program ideas, drafting project proposals, and identifying new potential funders, as well as expanding Stimson Center contacts and supporting Center outreach efforts. Also participated in Center management and personnel decisions as senior staff member.
- Provided analysis on international and Chinese security issues in support of internal programming needs and in response to outside media or institutional inquiries (see representative list under professional activities below).

DFI International – Corporate & Government Practice, Washington, DC June 1997-February 2000
Senior Associate

- Responsible for managing client relations, study team personnel, budgets, and product development.
- Principal investigator and oversight for all of DFI's US Government-sponsored projects involving research and analysis of China-related security, technology, and trade issues, including the following:
 - An Office of the Secretary of Defense (OSD)-sponsored study on Chinese political-military responses to U.S. deployment of national and Asia-Pacific theater missile defenses;
 - A long-term study on ***U.S. Commercial Technology Transfers to the People's Republic of China*** commissioned and published by the U.S. Department of Commerce; Field research in China for a follow-on study to above; Testimony before the House Select Committee on US National Security and Military/Commercial Concerns with the People's Republic of China (a.k.a. Cox Commission) (1998)
 - Design and presentation of an electronic database for tracking foreign commercial technology transfers to China in high-tech industries; and
 - Analysis of Chinese science, technology, and innovation policies; draft report submitted to US Commerce Department, Technology Administration's Office of Science and Technology Policy.
- Principal investigator for an extensive and well-regarded Office of the Secretary of Defense-sponsored study analyzing new approaches to U.S. export controls. Developed detailed team briefings on a proposed new U.S. export control system to meet 21st Century trade and security challenges. Conducted DFI briefings to the client, other senior-level DoD & OSD officials, as well as outside parties at client's request.
- Provided input into company management and personnel decisions as senior staff member; Initiated, drafted, and provided oversight of project proposals for DFI marketing initiatives.
- Regularly drafted and presented briefings for high-level U.S. Government clients and other officials on above issues.
- Worked independently off-site at U.S. Department of Commerce Bureau of Export Administration for six months.

Henry L. Stimson Center, Washington, DC
Research Associate

July 1995-June 1997

- Worked with Stimson Center president to expand programming to include China as part of the Project on Confidence-Building Measures in Regions of Tension.

- Established new Stimson Center contacts in China and with China scholars in the United States.
- Organized first Stimson Center trip to PRC (Jan. 1996) and a second trip (Nov. 1996) for discussions on regional CBMs and arms control and disarmament issues.
- Researched and tracked developments related to China and Asian regional security issues.
- Promoted discussions of CBMs and regional security within China, increasing understanding in the West of Chinese views on international security issues.
- Commissioned and edited essays for publications by Chinese and US authors addressing bilateral and multilateral security concerns.
- Recruited Chinese scholars for Center's Visiting Fellows Program.

Journal of International Affairs, Columbia University, New York, NY Sept. 1994-May 1995
Associate Editor — Editorial Board Member, Book Reviews Editor and lead editor for several manuscripts.

- Solicited academic and student reviews.
- Edited book reviews and scholarly articles for Journal publication.
- Corresponded and met with authors and reviewers throughout the editing and publication process.
- Oversaw several editorial assistants.

National Committee on U.S.-China Relations, New York, NY January 1994-May 1995
Research Assistant

- Researched China-related issues and provided assistance for Committee activities and events.
- Maintained historical/data files, collecting information and materials for delegations and visitors to/from China, and general administrative work.

American Asian Research Enterprises, McLean, VA July 1993-August 1993/-June 1997
Director of Operations / Consultant

- Assisted scholars in organizational, administrative and various other aspects of establishing a new research organization, including computer programming, logo and letterhead design, and creation of a database for grants development and scholarly contacts in the Asia/China studies field.

American Enterprise Institute, Washington, DC January 1990-February 1993
Administrative Assistant — China Studies Program & Environmental Studies Program.

- Assisted in organizing and coordinating international conferences on public policy and international relations.
- Edited articles and papers for publication, overseeing numerous books and reports through various stages of publication.
- Researched China-related and environmental issues, in addition to general administrative duties. Regularly took part in weekly Program seminars on contemporary affairs in China.
- Coordinated intern program (3-10 interns per semester).

EDUCATION

Columbia University, New York, NY 1993-1995
School of International & Public Affairs (SIPA) M.A., International Affairs
Concentration: International Security Policy; Regional Focus: East Asia/China
Served on Editorial Board of *Journal of International Affairs* (1994-95)

The George Washington University, Washington, DC
Elliott School of International Affairs (ESIA)
Recipient of Board of Trustees Scholarship (1987-89)

1987-1990
B.A., International Politics

Suffolk University, Boston, MA

1986-1987

Recipient of Award of Recognition in Government (1987)

Study Abroad: Paris, France (spring 1989); Guangzhou, PRC (US State Department internship, summer 1994)

Other: USDA Graduate School – Introductory Chinese I & II (1992); Chinese language instruction (2012-present)

PUBLICATIONS

BOOKS / MONOGRAPHS & REPORTS

Winning the Great Blue Game: China, Asia and the Blue Economy, monograph (draft for publication pending).

Post-Conflict Borders and UN Peace Operations -- Part 1: Border Security, Trade Controls, and UN Peace Operations (Washington, DC: Henry L. Stimson Center, August 2007), <https://www.stimson.org/2010/post-conflict-borders-and-un-peace-operations/>.

Foreign High-Tech R&D in China: Risks, Rewards, and Implications for US-China Relations (Washington, DC: The Henry L. Stimson Center, June 2003), 142 pp. monograph, <https://www.stimson.org/2003/foreign-high-tech-rd-china/>.

Study Group on Enhancing Multilateral Export Controls for US National Security, co-authored consensus group document (Washington, DC: The Henry L. Stimson Center, April 2001), 37pp, available online at <http://www.stimson.org/exportcontrol/?sn=EX20021203449>.

U.S. Commercial Technology Transfers to the People's Republic of China (Washington, DC: Office of Strategic Industry and Economic Security, Bureau of Export Administration, U.S. Department of Commerce, February 1999), 100+pp. report, <https://www.bis.doc.gov/index.php/documents/technology-evaluation/71-u-s-commercial-technology-transfers-to-the-people-s-republic-of-china-1999/file>

Science, Technology, and Innovation in the People's Republic of China (Washington, DC: Office of Technology Policy, Technology Administration, U.S. Department of Commerce, commissioned report, September 1998), unpublished draft report for OTP.

“Key Developments in the Korean Peninsula CBM Process,” *CBM Handbook No. 2*, co-authored with Lisa Owens and Matthew C.J. Rudolph (Washington, DC: The Henry L. Stimson Center, March 1998).

BOOK CHAPTERS / JOURNAL ARTICLES / COMMISSIONED PAPERS / BOOK REVIEWS

Book reviews (2) pending publication in *Naval War College Review* (2021-22).

“China’s Blue Economy: A State Project of Modernisation,” *Journal of Environment and Development*, co-authored with Fabinyi, et al. (Thousand Oaks, CA: SAGE Publications, June 2021), pp. 127-148 <https://doi.org/10.1177/1070496521995872>.

“China and the Changing Character of Conflict” in *War and the State in the 21st Century*, Andrew Dorman (UK) and David Dunn, eds. (unpublished; drafted 2014 as book chapter, revised as requested 2015 but book project not completed by editors; revised as requested by editors in 2019 for alternative special edition journal article submission, ultimately unsubmitted final revisions).

Publications (continued)

“Blue Hulls at Sea: The Time for UN Maritime Peacekeeping Has Come,” co-authored with Professor Richard Norton (draft seeking publication).

“China’s National Security Strategy: Waiting at the Crossroads,” in *Providing For National Security: A Comparative Analysis*, Andrew M. Dorman and Joyce Kaufman, eds. (Palo Alto: Stanford Security Studies, Stanford University Press, 2014), pp. 159-180.

“China’s Emerging Defense Innovation System: Making the Wheels Turn” in *Forging China’s Military Might: A New Framework for Assessing Innovation* (Baltimore: Johns Hopkins University, 2013).

“Chinese Peacekeeping in the Asia Pacific: A Case Study on East Timor,” co-authored with Dr. Lyle Goldstein, in *Not Congruent but Quite Complementary U.S. and Chinese Approaches to Nontraditional Security*, China Maritime Study No. 9, Lyle Goldstein, ed. (Newport, RI: Naval War College/CMSI, Jan/Feb 2012), https://www.usnwc.edu/Research---Gaming/China-Maritime-Studies-Institute/Publications/documents/CMSI9_web.aspx

“Enhanced Information Sharing in the Asia Pacific: Establishing a Regional Cooperative Maritime Cooperative Operations Center,” in *Strategic Manoeuvres: Security in the Asia-Pacific*, James Veitch, ed. (Wellington, NZ: Victoria University of Wellington Centre for Strategic Studies, December 2009), 169-179.

“The Role, Promise and Challenges of Dual-Use Technologies in National Defense,” Chapter 7 in *The Modern Defense Industry: Political, Economic and Technological Issues*, Richard A. Bitzinger, ed. (CA: Praeger Publishers, 2009).

“National Security Challenges and Competition: Defense and Space R&D in the Chinese Strategic Context,” *Technology in Society* (Winter 2007/8), co-authored with Andrew Erickson.

“China R&D: A High-Tech Field of Dreams,” *Asia-Pacific Business Review*, Volume 13, Issue 3 (July 2007), pp. 321-335.

“More ‘D’ Than ‘R’: The Emergence and Evolution of High-Tech R&D in China,” *BusinessForum China*, vol. 4, issue 6 (July/August 2006), pp. 62-63.

“Civil-Military Dynamics in Chinese Defense Industry and Arms Policy: An Approaching Tipping Point,” in *Chinese Civil-Military Relations: The Transformation of the People’s Liberation Army*, Nan Li, ed. (New York: Routledge, May 2006).

“EU Arms Trade to China: US Officials Seek Added, Legal Assurances,” *NIS Export Control Observer* (August 2005).

“Internal Resources for Supporting Chinese Commercial R&D,” commissioned paper prepared for a conference on “Chinese Commercial R&D in the Last Decade,” hosted by CENTRA Technology (Ballston, VA, November 18, 2005).

“China’s S&T Strategy: Drivers, Dynamics, and New Directions,” paper commissioned for a workshop on “Chinese Military Modernization and East Asian Security: Political, Military, and Defense Industrial Responses,” in Maui, Hawaii (May 19-20, 2005) co-sponsored by the Center for Strategic and International Studies (CSIS) Freeman Chair in China Studies Program and the Pacific Forum.

“Nuclear Technology for the Developing World: In a Globalizing World Economy, Stronger Proliferation Controls are in Everyone’s Best Interests,” *IAEA Bulletin*, vol. 46, no. 2 (Spring 2005), available online at http://www.iaea.org/Publications/Magazines/Bulletin/Bull462/nuclear_technology.html.

Publications (continued)

“Sino-Korean IT Industry Cooperation and Regional Security Implications” paper commissioned by the Center for Strategic and International Studies (CSIS) International Security Program as part of a US Government-funded study on changing China-ROK relations (June 2004).

“China White Paper Reflects Evolving PRC Views on Nonproliferation: Bodes Well for Future Progress,” *NIS Export Control Observer* (February 2004).

“Countering North Korean Proliferation: The PSI Needs More Time,” *Stimson Quarterly Update on East Asian Security*, vol. II, Issue no. 3 (Summer 2003).

“Capturing Technology Transfers Through Global R&D Investments: Can Export Controls Cope?,” Special Report, *NIS Export Control Observer*, The Monterey Institute of International Studies (August 2003), pp. 21-22.

“China’s Export Controls: New Signs of Progress?,” *NIS Export Control Observer Newsletter*, The Monterey Institute of International Studies (June 2003).

“Export Controls and Post-Conflict Reality, Again,” *Defense News*, November 4, 2002 (co-authored with Stimson Scoville Fellow, Jon Davis).

“The Shanghai Cooperation Organization: New Security Arrangements and Implications for Regional Security,” paper commissioned by The Henry L. Stimson Center, Japan Program (September 2002).

“The Bush-Jiang Summit: A Missed Opportunity,” *Stimson Quarterly Update on East Asian Security*, vol. 1, no. 1 (Spring 2002).

“Shaping US China Policy: The Role of Think Tanks,” The Henry L. Stimson Center — commissioned paper for Stimson Center project on “Rethinking Influence,” Report to funder (Spring 2002).

“Chinese Military Affairs Online,” *Washington Journal on Modern China*, Vol. 6, No. 2 (Fall 2000), pp. 97-106.

“Confidence-Building Measures in the Asia-Pacific Region: A Year-End Review and Assessment of Regional Security,” co-authored with Michael Krepon, *Disarmament Diplomacy* (1995).

“The Future of U.S.-Asia Relations: An Address to the Asia Society by Senator Rockefeller,” *Asian New Yorker* (February 1994).

“The Foreign Relations of China’s Environmental Policy,” rapporteurs’ report co-authored with Guanli Lu, in *The Foreign Relations of China’s Environmental Policy*, Thomas W. Robinson, ed. (Washington, DC: American Enterprise Institute, August 1992).

TESTIMONIES / POLICY & RESEARCH BRIEFS / CONFERENCE REPORTS / CURRICULUM READINGS

Congressional Testimony on “China’s Maritime Silk Road Initiative: Implications for the Global Maritime Supply Chain” Before the House Subcommittee on Coast Guard and Maritime Transportation (October 2019) <https://transportation.house.gov/committee-activity/hearings/chinas-maritime-silk-road-initiative-implications-for-the-global-maritime-supply-chain>; also drafted and submitted Answers to Members’ Follow up Questions (Nov 2019).

Curriculum Reading: “Presidential Red Lines and Syria” – Policy Analysis case included in Naval War College curriculum (2018-9).

Publications (continued)

Policy Memo: “The Importance of the Maritime Economy in US-China Relations” for a Track II US-China Dialogue hosted by the Center for American Progress (June 2017).

Policy Brief: “Oceans and Fisheries” for a Track II dialogue on “Rising Scholar Perspectives on US-China Relations: Generating New Ideas for Future Strategic Cooperation” hosted by the Center for American Progress (June 2016).

Summary Report: “Workshop on US-Chinese Perspectives on the Blue Economy,” *CMSI Bulletin No. 2* (October 2015) online only at: <https://www.usnwc.edu/getattachment/8404d3d7-002e-4b87-b965-4f169170d4aa/CMSI-Bulletin-OCT-2015.aspx>

Brief: “Dual-Use Technology and the Global Defense Industry in 2030,” *The Global Arms Industry in 2030 and Beyond*. Event Report (Singapore: S. Rajaratnam School of International Studies, Nanyang Technological University in Singapore, November 10, 2014), 4-6, http://www.rsis.edu.sg/wp-content/uploads/2015/01/ER150123_Global_Arms_Industry.pdf

Understanding China’s “Blue Economy” Concept, *The Bridge*, vol. 17 (Newport, RI: Naval War College Foundation, Fall 2014), 13, 36.

Policy Brief: “China’s Blue Economy: Ambitions and Responsibilities,” *Exploring the Frontiers of US-China Strategic Cooperation: Roles and Responsibilities Beyond the Asia-Pacific Region*, Melanie Hart, ed. (Washington, DC: Center for American Progress, November 2014), 19-25, <https://cdn.americanprogress.org/wp-content/uploads/2014/11/ChinaReport-Global-FINAL.pdf>.

Research Brief: “China’s Technology Acquisition System, Processes, and Future as an Integrator and Supplier,” in *Getting to Innovation: Assessing China’s Defense Research, Development, and Acquisition System* (UCSD/IGCC, February 2014). <http://igcc.ucsd.edu/assets/001/505308.pdf>

“The State of China’s Defense Research and Development: Great Expectations,” in *The Chinese Defense Economy Takes Off: Sector-by-Sector Assessments and the Role of Military End Users*, Tai Ming Cheung, ed., Policy Briefs (San Diego: IGCC, 2013), <http://igcc.ucsd.edu/assets/001/504355.pdf>

Curriculum Reading: “The 21st Century Military: Dealing with the Other Parts of the Global DIME-C Challenge,” Theater Security Curriculum Reading (Newport, RI, Naval War College, 2012-13).

Testimony before the US-China Economic and Security Review Commission Hearing on “Assessing China’s Efforts to Become an Innovation Society: A Progress Report,” Panel V: Defense Sector Innovation (May 10, 2012), <http://www.uscc.gov/sites/default/files/5.10.12Walsh.pdf>

“Policy Brief: China’s Defense Innovation System: Making the Wheels Spin,” co-authored with Ed Francis, in *New Perspectives on Assessing the Chinese Defense Economy: 2011 Industry Overview and Policy Briefs* (La Jolla: IGCC, Oct. 2011).

Curriculum Reading: “Globalization, China’s Rise, and DoD’s Rare Earth Conundrum,” National Security Affairs Department curriculum (Newport, RI, Naval War College, July 2011).

“China,” co-author, Chapter 4 in *Sc&T Strategies of Six Countries: Implications for the United States* (Washington, DC: National Academies Press, 2010).

Testimony on “R&D: Domestic and Foreign Funded,” before the U.S.-China Economic and Security Review Commission, Hearing on Research and Development, Technological Advances in Key Industries, and

Publications (continued)

Changing Trade Flows with China (Washington, DC: USCC, July 16, 2008),
http://www.globalsecurity.org/military/library/report/2008/2008-uscc_annual_report.pdf

Curriculum Reading: “Critical Thinking and Analysis in the Contemporary Staff Environment,” National Security Decision Making Department intermediate course curriculum reading (CSE 4.1) (Newport, RI: Naval War College, summer 2008).

Curriculum Reading: “Legislative Affairs and Congressional-Military Relations,” National Security Decision Making Department intermediate course curriculum reading (CSE 10.3) (Newport, RI: Naval War College, summer 2008).

Curriculum Reading: “Power and Influence in Governmental Politics,” ed., National Security Decision Making Department senior course curriculum reading (PMP 21.1), as adapted from an earlier version authored by William Turcotte (Newport, RI: Naval War College, summer 2008).

Policy Brief: “China’s Anti-Satellite Test: A 21st Century Sputnik?,” *China Defense, Security and Space Policy Brief* (Arlington, VA: George Mason University, 2007).

Conference paper: “Soaring Eagle, Flying Dragon: Industrial R&D and Innovation in the United States and China,” *Proceedings of the US-China Forum on Science and Technology Policy* (VA: George Mason University, 2007), pp. 215-236 (online at <http://www.law.gmu.edu/nctl/stpp/pubs/SectionIII.pdf>), background paper drafted for conference in Beijing, October 2006.

Testimony before the US-China Economic and Security Review Commission Hearing on China’s High Technology Development, Panel II: “China’s High-Technology Development Strategies” (Palo Alto: USCC, April 21, 2005), http://www.uscc.gov/sites/default/files/4.21-22.05walsh_kathleen_wrts.pdf

Testimony before the US-China Economic and Security Review Commission on “China’s Industrial, Investment and Exchange Rate Policies: Impact on the U.S.” (Washington, DC: USCC, September 2003).

“Doing It Right: Post-Iraq Export Control Reforms,” *Iraq: Post Conflict Resources*, The Henry L. Stimson Center webpage (April 2003).

Conference Summary: “Improving Multilateral Export Controls and Technology Access for the Developing World: An Event Summary,” The Stanley Foundation and Henry L. Stimson Center (December 2002).

Testimony on “US Export Controls and Commercial Technology Transfers to China,” before the US-China Security Review Commission (January 17, 2002 — postponed from September 12, 2001).

Testimony before the House Select Committee on U.S. National Security and Military/Commercial Concerns with the People’s Republic of China on “U.S. Commercial Technology Transfers to the People’s Republic of China” (Washington, DC, October 1998).

Numerous trip reports of interest to Naval War College and relevant expert communities (select distribution) (2006-present).

PEER REVIEWS

Peer reviewer and referee of journal articles, book chapters, and public policy reports conducted on behalf of the following:

- *International Security*
- *International Relations of the Asia-Pacific*
- *Asia-Pacific Business Review*
- *Asia Policy*
- *Naval War College Review*
- *International Journal of Technology Management*
- *Peace & Change*
- *International Export Control Newsletter*
- *Luce.nt* (NWC student-run online journal)
- National Academy of Sciences National Research Council
- Johns Hopkins University Press
- Georgetown University's Center for Security and Emerging Technology (CSET)
- Taylor & Francis Group
- Edinburgh University Press
- The Stimson Center
- The Center for American Progress

PROFESSIONAL ACTIVITIES

COMMITTEES, STUDY GROUPS & TRACK II DIALOGUES

- Track II US-Japan Dialogue, Stimson Center Japan Program (2021-22).
- Track II US-China Dialogue: "Rising Scholar Perspectives on US-China Relations: US-China Relations and the Global Order" hosted by the Center for American Progress (August 2020, virtual forum).
- Track II US-China Dialogue: "Rising Scholar Perspectives on US-China Relations: US-China Relations and the Global Order" hosted by the Center for American Progress (July 2019, Brussels, Belgium)
- Track II US-China Dialogue: "Rising Scholar Perspectives on US-China Relations: Analyzing Potential Future Scenarios" hosted by the Center for American Progress (November 2017, Tokyo, Japan)
- Track II US-China Dialogue: "Blue Futures 2017: Mapping Opportunities for US-China Ocean Cooperation" hosted by the Center for American Progress (June 2017, Honolulu, HI)
- Track II US-China dialogue: "Rising Scholar Perspectives on US-China Relations: Generating New Ideas for Future Strategic Cooperation" hosted by the Center for American Progress (June 2016, Honolulu, HI)
- Track II US-China dialogue: 8th US-China Conference on Arms Control, Disarmament and Nonproliferation hosted by the Middlebury Institute of International Studies (MIIS) (April 2016, Monterey, CA)
- Track II US-China dialogue: "CAP-CFAU US-China Dialogue" a.k.a. "US-China Rising Scholar Policy Dialogue" co-hosted by the Center for American Progress and China Foreign Affairs University (October 13-15, 2014, Washington, DC)
- *Defense Innovation Workshop Group* (Study Group Chair), one of five months-long studies on "Forging Defense Innovation in China," conducted as a state-of-the-field exercise, with results delivered before

the second annual conference on “China’s Defense and Dual-Use Science, Technology, and Industrial Base (D2STI),” hosted by the Institute on Global Conflict and Cooperation (IGCC) Program on Science, Technology and Innovation in China (SITC) (June-July 2011, La Jolla, CA).

- *Committee on Global S&T Strategies and Their Effect on US National Security*, National Academies of Science National Research Council (2009-10)
- *SHARP '07*, the Directorate of National Intelligence’s Summer Hard Problem Program (SHARP) on “Information Technology and Non-Democratic Societies,” sponsored by the Office of the Deputy Director of National Intelligence for Analysis (ODDNI/A) (San Jose, CA – June-July 2007)
- *Committee on Assessing the Need for a National Defense Stockpile*, National Academies of Science National Research Council (2007-8)
- *Project on Post-Conflict Border Security and Trade Controls – Phase I Project Director*, Stimson Center (2005)
- Track II US-China Dialogue: “The Future of Multilateral Arms Control,” at the Fifth US-China Conference on Arms Control, Disarmament, and Nonproliferation (July 20-23, 2004, Beijing, China).
- *Working Group on International Offshore Outsourcing* (on international outsourcing and China), Electronic Industry Association (2004)
- *China Task Force*, Council on Competitiveness (Spring 2003-04)
- *US-China Industry Roundtable*, U.S. Department of Commerce (December 1999)

LECTURES / BRIEFINGS / PRESENTATIONS / PANELS / WORKSHOPS / PODCASTS

Panelist, “**Strategic Environments in the Western Pacific**,” for Stimson Center Japan Program Webinar on “Evolving Maritime Issues in the Indo-Pacific” (February 2022)

<https://www.stimson.org/event/evolving-maritime-issues-in-the-indo-pacific/>

Participant in closed/Track-II workshops on “**Maritime Security in the Indo-Pacific**,” a US-Japan joint seminar series hosted by the Stimson Center’s Japan Program (October 2021-January 2022).

Presentation on “**Foreign Direct Investments: Reshaping Global Trade**” panel, with focus on **China’s Belt and Road Initiative (BRI)** at Sea Air Space 2021 Conference, Washington, DC (August 2021).

Co-host of online NWC Lecture of Opportunity on “Climate and Ocean Risk Vulnerability Index” by Sally Yozell, Stimson Center for joint Oceanography and Maritime Security Group (OMSG) and Climate and Human Security Studies Group (CHSSG) event (April 2021).

Speaker on “**The Security Environment in Western Pacific Waters**,” Stimson Center webinar (January 2021), <https://www.stimson.org/event/the-security-environment-in-western-pacific-waters/>

Seminar (closed) & public webinar participant (2 separate events) on “**The Future of Alliance Management in Northeast Asia**,” hosted by the Stimson Center’s Japan Program (virtual seminar & workshop, January 2020).

Moderator & panel co-organizer, “**Blue Competition: U.S. & International Efforts to Develop a Blue Economy**,” as part of a U.S. Naval War College conference on “National Security Significance of a Changing Climate” (January 2021, virtual). <https://www.youtube.com/watch?v=T0rkxfdY1mE>

Hosted a Lecture of Opportunity on “Maritime & Naval Roles in Charting the Course Towards a Sustainable Rhode Island Blue Economy,” by speaker Jen McCann, Director of U.S. Coastal Programs at the University of Rhode Island Graduate School of Oceanography, Coastal Resources Center and Rhode Island Sea Grant – part of a Blue Economy Lecture Series established under the Oceanography & Maritime Security Group (OMSG) (October 2020, virtual). <https://www.youtube.com/watch?v=gHXoFMZDqtc>

Professional Activities *(continued)*

Hosted a Lecture of Opportunity on “The Importance of BlueTech and BlueTech Clusters for a Growing, Sustainable Blue Economy,” by speaker Mr. Michael Jones of TMA BlueTech, part of a Blue Economy

Lecture Series established under the Oceanography & Maritime Security Group (OMSG) (October 2020, virtual). <https://www.youtube.com/watch?v=441sOtStEwc>

Naval War College Lecture of Opportunity co-presenter on "**Fractured Globalization, Covid-19 and Great Power Competition: The Chinese Perspective**", A Levy Chair Discussion delivered virtually via Microsoft Teams (April 30, 2020).

Presentation on "**Themes in US-China Relations**" and moderator of discussion for the National Committee on US-China Relations annual China Town Hall at Bryant University, Smithfield, RI (Nov 2019).

Presentation on "**China's Visions on the Blue Economy**" for University of Connecticut & Sea-Ahead, LLC Brown Bag Talk, Cambridge Innovation Center, Boston, MA (Nov 2019).

Presentation on “**The US-China Trade War in the Context of US-China Relations**” before the State Economic Development Executives (SEDE) Network, Rhode Island Commerce Corporation, Wexford Innovation Center, Providence, RI (Sept 2019).

Speaker, moderator and participant in international Track II Forum on "**US-China Relations and the Global Order**" - 4-day event in Brussels, Belgium hosted by the Center for American Progress think tank including visits to and/or meetings with representatives from NATO HQ and the European Union (Jul 2019).

Presenter, rapporteur and participant at Annual East Asia Security Symposium and Conference on "**Grand Games among Major Powers: Confrontation or Cooptation?**" (Beijing, June 24-28, 2019).

Brown Bag presentation on “**The Strategic Implications of the Blue Economy**” before the Coastal Resources Center at the University of Rhode Island’s Graduate School of Oceanography (May 2019).

Presentation on “**The Blue Economy**” before the Diffusion and Adoption of Innovation Studio Summit (DAISS) 2.0 Symposium, co-hosted by the US Naval War College Gravelly Group and Naval Undersea Warfare Center (April 2019).

Participant in the “**Marine Scientific Research and Law of the Sea Workshop**”, hosted by the US Naval War College’s Stockton Center for International Law (August 2018).

Presentation on “**Innovation in China**” for panel on “Threat, Pace of Adoption and Future Concepts,” before the Diffusion and Adoption of Innovation Studio Summit (DAISS) Symposium, co-hosted by the US Naval War College Gravelly Group and Naval Undersea Warfare Center (March 2018).

Presentation on “**China and the Blue Economy**,” before the US Naval War College Regional Alumni Symposium (Kuala Lumpur, Malaysia, March 2018).

Member of working group on “**Shape and Contain**” as participant in a 3-day Workshop on “Joint and Naval Futures” hosted by the US Naval War College’s Institute for Future Warfare Studies (December 2017).

Interviewed on “**The Blue Economy and Ocean Clusters**” for Sea Control (142) podcast by the Center for International Maritime Security (CIMSEC) (August 2017).

Hosted a Lecture of Opportunity at the US Naval War College by three Woods Hole Oceanographic Institute (WHOI) scientists to discuss science and research methods and technologies used in oceanography and undersea monitoring efforts (Fall 2017, part of an ongoing series I initiated dating back to 2014).

Professional Activities (continued)

Moderator for “**Blue Futures 2017**” panel on the Arctic; presenter on “**Oceans and Fisheries**” for Track II US-China Dialogue hosted by the Center for American Progress (June 2017).

Moderator and Commentator for the US Naval War College’s Ruger Chair workshop on ***Issues in the Defense Industrial Base*** (May-June 2017).

Presentation on “**China Innovation**” to Bryant University’s World Trade Day event, panel on “Winning with Global Innovation and Collaboration” (May 2017).

Moderator for think tank panel on “**Future Strategies**” at US Naval War College’s NCC & NSC-hosted event at National Defense University (May 2017).

Participated in a workshop on **commercial and defense innovation** at the Chafee Center for International Business at Bryant University, RI (May 25, 2017).

Workshop participant in Naval War College’s “**Military Innovation and the New Presidential Administration: Lessons from the Past, Solutions for the Future**” workshop (March 2017).

Hosted and moderated a Lecture of Opportunity at the US Naval War College by Dr. Steve Carey of the University of Rhode Island’s Graduate School of Oceanography on “Submarine Volcanoes: Crucibles on New Seafloor Mineral Deposits (January 2017).

Moderator for US Naval War College’s Ruger Chair Workshop on ***China’s New Silk Road*** (November 2016).

Presentation on “**The Blue Economy & Environmental Security: Implications for the South China Sea**” to the Walker Institute, University of South Carolina annual Taiwan conference (July 2016).

Presentation on “**21st Century China: US Partner, Rival or Adversary?**” to the Defense Language Institute in Monterey, CA (July 2016).

Presentation to Commander 7th Fleet Reserve Unit, Naval Station Newport on “**China: Partner, Rival, or Adversary**” (April 2016).

Lecture on **China** to US Naval War College National Security Affairs Department OSO Reserve Officers Course (April 2016).

Presentation on “**US and Chinese Perspectives on the Blue Economy**” to China Ocean University students and faculty in Qingdao, China (November 2015).

Co-Organizer and panel moderator, “**Careers in the Military and Civilian Sectors: Insights, Advice and Lessons Learned**,” a joint Naval War College-Women in International Security (WIIS) New England Chapter event, Newport, RI (February 2015).

Organizer with NWC’s China Maritimes Studies Institute (CMSI) of an international workshop on “**US and Chinese Perspectives on the Blue Economy**,” Newport, RI (December 2014).

Presentation on “**China’s Blue Economy: Science, Technology and Innovation Implications**,” for Session on “Marine and Maritime Aspects of the Blue Economy: Technological Development & Innovation in the Blue Economy: Pursuing ‘Blue’ Solutions, a ‘Blue Silicon Valley’ and Beyond,” Newport, RI (December 11, 2014).

Professional Activities (continued)

Presentation on “**Dual-Use Technology and the Global Defense Industry in 2030**” for the “The Global Arms Industry in 2020 and Beyond” conference hosted by the Military Transformation Programme, S. Rajaratnam School of International Studies, Nanyang Technological University in Singapore (November 10, 2014).

Presentation on “**Promoting International Peace and Security: Challenges for the Next Decade – Asia-Pacific Challenges,**” for the Watson Institute (Brown University)-NWC Colloquium, Newport, RI (November 14, 2014).

Presentation to the Center for Naval Analyses (CNA) for an “**OSD workshop on China’s evolving views of national security under Xi Jinping,**” Washington, DC (November 17, 2014).

Moderator for annual Ruger Chair Workshop on “**The Economic Component of the Rebalance to Asia**” (November 13-14, 2014) held at NWC, Newport, RI. Provided the organizer with a panel summary that was used in the Naval War College National Security Affairs Department curriculum (2014).

Presentation on “**China’s Blue Economy: Ambitions and Responsibilities,**” to the Center for American Progress (CAP) conference: “CAP-CFAU US-China Dialogue” -- a.k.a. “US-China Rising Scholar Policy Dialogue” (October 13-15, 2014).

Presentation on “**Analyzing US National Security and Foreign Policy Decisionmaking**” before visiting Chinese delegation from the Department of State’s International Visitor Leadership Program and Meridian International (an international exchange NGO), Naval War College, Newport, RI (June 23, 2014).

Lecture on “**US-China Relations,**” to the Reserve Officers Course at the Naval War College, Newport, RI (May 2014).

Presented a brief on “**China: Partner, Rival or Adversary,**” before the Association of Former Intelligence Officers, Maine Chapter (Kennebunk, ME, November 16, 2013).

Moderator for “Industry” panel for the 2013 Ruger Chair Conference on “**Economics and Security: The Defense Industrial Base,**” Naval War College, Newport, RI (November 2013).

Presentation on “**China’s Innovation System**” before the Wylie Group, Naval War College, Newport, RI (July 2013).

Guest lecturer for an elective on “**China’s Military Modernization,**” Naval War College, Newport, RI (April 2013).

Presented a briefing on “**Prospects for Innovation in China's Defense Sector: Understanding China's Defense Innovation System**” to the Naval Undersea Warfare Center (NUWC), Newport, RI (Jan 2013).

Participated in an NWC-Pacific Fleet design process planning exercise, Hawaii (January 2013).

Participant in a research symposium on “War termination,” Naval War College, Newport, RI (Dec 2012).

Presented a briefing on “**China's Expanding National and Defense Innovation Systems**” to the Infragard Connecticut Members Alliance, CT (August 2012).

Professional Activities (continued)

Presentation on “**China’s Expanding National & Defense Innovation Systems**” to Babson College Chinese CEOs visiting the Naval War College, Newport, RI (July 2012).

Testimony before the US-China Economic and Security Review Commission Hearing on “**Assessing China’s Efforts to Become An Innovation Society: A Progress Report**” Panel V: Defense Sector Innovation (May 10, 2012), <http://www.uscc.gov/sites/default/files/5.10.12Walsh.pdf>

Presented on “**China’s Defense Innovation System: Making the Wheels Spin**” to the “2011 Summer Training Workshop on the Relationship Between National Security and Technology in China” at the Institute on Global Conflict and Cooperation (IGCC), University of California, San Diego (UCSD) (June-July 2011).

Presented on “**China’s Defense Innovation System: Making the Wheels Spin**” to the second annual China Defense and Dual-Use Science, Technology, and Industrial Base (D2STI) conference hosted by the Institute on Global Conflict and Cooperation (IGCC), University of California, San Diego (UCSD) (June-July 2011).

Presentation on “**China’s National and Defense Innovation Systems,**” before the University of Chicago’s Harris School of Public Policy Dean’s International Council conference (May 2011).

Presentation on “**China’s National and Defense Innovation Systems,**” before the Chicago Council on Global Affairs (May 2011).

Presented on “**China’s National Security Strategy,**” delivered at the International Studies Association conference in Montreal (March 2011).

Chaired the “**Defense Innovation Workshop Group,**” one of five months-long studies on “Forging Defense Innovation in China,” conducted as a state-of-the-field exercise, with results to delivered before the second annual conference on “China’s Defense and Dual-Use Science, Technology, and Industrial Base (D2STI),” hosted by the Institute on Global Conflict and Cooperation (IGCC) Program on Science, Technology and

Innovation in China (SITC) (June-July 2011). This study included two other China scholars and was conducted as part of DoD’s China Minerva Program. It resulted in a ground-breaking study that was published subsequently as a Policy Brief and book chapter, as listed above.

Presented on “**Dual-Use Approaches to Defense Industrialization: The US and PRC,**” to a conference on “New Approaches to Defense Innovation in Singapore (Feb 28-March 1, 2011), presentation via skype.

Presentation on “**Rare Earth Elements: US and Chinese Strategic Interests,**” presented to Pacific Command staff, Hawaii (fall 2010).

Presented a brief on “**China’s Innovation System: Implications for Chinese Maritime Development**” to Pacific Command’s China Strategic Focus Group, Hawaii (fall 2010).

Speaker in the National Committee on US-China Relations’ National Town Hall on “**China’s Recent Military Development: How Chinese Military Development Affects US-China Relations,**” before the New Hampshire World Affairs Council, Durham, NH (November 2010).

Presented a brief on “**Foreign R&D in China: Past, Present and Future,**” for the China Mini-Workshop on China’s Defense Industry” hosted by the MITRE Corporation (July 2010).

Presented a brief on “**Chinese Peacekeepers in East Timor: A Case Study, Preliminary Findings,**” before the annual CMSI conference (and co-developed with Dr. Lyle Goldstein, CMSI) on “Chinese and

Professional Activities *(continued)*

American Approaches to Non-Traditional Security Challenges: Implications for the Maritime Domain” (May 2010).

Presented a brief on “**Chinese Peacekeepers in East Timor: A Case Study, Preliminary Findings**” (co-developed with Dr. Lyle Goldstein, CMSI) before “The International Workshop on China in Peace Support Operations” in Oslo, Norway (March 2010).

Presented on “**Science and Technology in US-China Relations: Cooperation, Competition or Cooptition?**” before the Union League Club, Chicago on behalf of the Naval War College Foundation (November 2009).

Participant in informal China Maritime Studies Institute (CMSI)-sponsored discussions with PRC counterparts on prospects for maritime confidence building measures and China’s commercial shipbuilding industry strategies, policies, and advances (Shanghai, August 2009).

Presented on “**Ideas on Enhanced Information Sharing in the Asia-Pacific Maritime Environment**,” for the Council for Security Cooperation in the Asia-Pacific (CSCAP) Study Group on Naval Enhancements in the Asia Pacific (Singapore, May 2009).

Presented “**Defense Economics: Chinese Defense Technology Acquisition and Assimilation**” at the conference on “The People’s Liberation Army in the New Century” sponsored by the S. Rajaratnam School of International Studies (RSIS) at Nanyang Technological University in Singapore (November 2008).

Testified on the “**R&D: Domestic and Foreign Funded**” Panel for the hearing on “*Research and Development, Technological Advances in Key Industries, and Changing Trade Flows with China*,” before the US-China Economic and Security Commission (Washington, DC, July 2008).

Presented a training session on “**The Organization, Restructuring and Modernization of Chinese Shipbuilding Industries**” for a seminar course on “Examining Chinese Military Power and the Drivers for Technological and Economic Development” designed to inform US government analysts (June 2008).

Participated in the Navy Adaptive Planning Process (NAPP) on China, technology and other issues, including June survey on trends in 2010 and 2025 (summer 2008).

Participant in the GLOBAL’08 NWC Title X War Game (August 4-5, 2008).

Presented “**Maritime Technology Transfer in the US-China Relationship**” before the annual CMSI conference, Newport, RI (Dec. 2007).

Presented on “**Technology Transfer to China**” to the Office of Naval Intelligence as part of a Naval War College/China Maritime Studies Institute visit (April 2007).

Lecture on “**The Decline and Rise of China**,” before the Reserve Officers Course, Naval War College, Newport, RI (March 2007).

Participated in a Women in International Security (WIIS) forum on “Science, Technology and US National Security: Engaging the Next Generation” (March 2007).

Moderated a Lecture of Opportunity on **China’s ASAT Test** on behalf of the NWC China Maritime Studies Institute, Newport, RI (March 2007).

Presentation on “**R&D and S&T in China**,” before the Council of Scientific Society Presidents (CSSP) in Washington, DC (December 2006).

Professional Activities (*continued*)

Panel member, “**US-China Forum on Science and Technology Policy**” conference, Beijing, China (October 2006).

Drafted a conceptual outline on “**Post-Conflict Border Security and Trade Controls in UN Peace Operations**” that was used as the basis for the Phase 2 project report drafted by the Henry L. Stimson Center in Washington, DC. Also reviewed the draft report prior to publication in December 2006 (July 2006).

Presentation on “**Comparative Perspectives on US-China Innovation Systems**” before the conference on “Industrial Innovation in China,” co-hosted by the Levin Institute of International Relations and Commerce, Council on Foreign Relations, and Chinese Ministry of Science and Technology, New York, NY (July 2006).

Presentation on “**China’s S&T Strategy and Rise in the Global Community as an Economic Competitor**,” before the Congressional S&T Caucus, Washington, DC (July 2006).

Presentation on “**Inside China’s Science and Technology**” to the Council of Scientific Society Presidents, Washington, DC (Dec 2006).

Panel member on “**A U.S. Strategy for Reconciling The Dual Imperatives of Open Trade for Economic Security and Trade Restrictions for National Security**,” sponsored by the Government-University-Industry Research Roundtable (GUIRR) of the National Academies in Washington, DC (June 2006).

Presentation on “**Driven to Excel: China’s Quest for High-Tech**,” prepared for the conference on “Chinese High-Tech: Strategy and Status,” Seminar Session XVI, sponsored by the Japan Information Access Program (JIAP) in cooperation with Computer Sciences Corporation for the International Office, US Air Force Office of Scientific Research (Arlington, VA, December 6, 2005)

Presentation on “**Export Control Prospects in the Age of Globalization, Terror, and Technology**,” Crowell-Moring Law Offices (Washington, DC, December 1, 2005).

Presentation on “**R&D, Standards, and IPR in China**,” prepared for “China 2010: What is China’s Industrial Policy?,” hosted by CENTRA Technology (Ballston, VA, September 27, 2005).

Served as a Consultant and Rapporteur for the US State Department-hosted *Seventh International Export Control Conference* (Stockholm, Sweden, September 20-22, 2005).

Presentation on “**Global Industry, Innovation, and the China Factor**,” prepared for Vanderbilt University Visiting Fellows Program (Washington, DC, September 14, 2005).

Presentation on “**Strategic R&D Funding: Implications of R&D Outsourcing to China**,” prepared for a conference on “R&D Funding for a New Strategic Environment,” sponsored by the Center for Strategic and International Studies (CSIS) Technology and Public Policy Program and the National Academies (June 22, 2005).

Presentation on “**Foreign R&D in China: Drivers, Dynamics, and New Directions**” prepared for the conference on “Global R&D in China” (Nanjing, PRC, May 27-30, 2005).

Expert panel participant and presenter on “**China’s S&T Strategy: Drivers, Dynamics, and New Directions**,” for the workshop on “Chinese Military Modernization and East Asian Security: Political, Military, and Defense Industrial Responses,” in Maui, Hawaii (May 19-20, 2005) sponsored by the Center for Strategic and International Studies (CSIS) Freeman Chair in China Studies Program.

Professional Activities (continued)

Briefing before United Nations Department of Peacekeeping Office (UNDPKO) staff on findings from the Stimson Center's Project on ***Post-Conflict Border Security and Trade Controls*** (May 16, 2005).

Hosted and led the Working Group Meeting of the *Project on Post-Conflict Border Security and Trade Controls*, held at the Stimson Center (April 26, 2005).

Testimony before the US-China Economic and Security Review Commission Hearing on China's High Technology Development, Panel II: "**China's High-Technology Development Strategies**" (Palo Alto, CA: USCC, April 21, 2005), http://www.uscc.gov/sites/default/files/4.21-22.05walsh_kathleen_wrts.pdf

Presentation of paper on "**Civil-Military Relations in China: Arms and Export Control Policymaking**," for a conference on "Evolving Chinese Civil-Military Relations and Implications for Chinese Security Policy and Strategic Behavior," sponsored by the Institute for Defense and Security Studies (IDSS), Singapore (November 2004).

Keynote presentation on "**US-China Relations**," before the 2004 Annual National Student Leadership Conference's International Diplomacy workshop (July 27, 2004).

Presentation on "**The Role of NGOs in US Foreign Policy Making**," before the 2004 Annual National Student Leadership Conference's Public Policy workshop (July 27, 2004).

Commentator on an expert panel on "**The Future of Multilateral Arms Control**," at the Fifth US-China Conference on Arms Control, Disarmament, and Nonproliferation (Beijing, July 20-23, 2004).

Presentation on "**Dual-Use Export Controls and Non-Proliferation Efforts in a Global Economy**," for a panel on "Globalization and Proliferation" at annual Women in International Security (WIIS) Summer Symposium (June 2004).

Presentation on "**External Inputs in PRC Science and Technology Development: The Evolution of Foreign High-Tech R&D in China**" before the US Department of Commerce *China S&T Roundtable* (May 2004).

Briefing for Senator Jeff Bingaman (D-NM) and staff on "**Foreign High-Tech R&D in China: Evolution and Implications**" (April 2004).

Presentation on "**The Global Economy's Impact on Chinese Defense Industrial Development and Military Modernization**," to the Asia-Pacific Center for Security Studies (APCSS) seminar on "Defense Transformation in the Asia-Pacific: Meeting the Challenge" (March 2004).

Testimony before the US-China Economic and Security Review Commission on "**China's Industrial, Investment and Exchange Rate Policies: Impact on the U.S.**" (Washington, DC: USCC, September 2003).

Presentation on "**Deemed Exports and the Rise of China R&D: Global Trade Dynamics Require a New Approach to Export Control**," for the US-Taiwan Business Council's *Taiwan and China Semiconductor Industry Outlook 2003* conference, San Jose, CA (September 2003).

Presentation, Panel on China the Semiconductor Industry, briefing for US Government officials on China's emerging high-tech capabilities in this strategic industry, MITRE (September 2003).

Participant in "**China's Nuclear Future**" Workshop, sponsored by the US Air Force Institute for National Security Studies, Duke University Program in Asian Security Studies, Naval Post Graduate School, et al. (July 2003).

Facilitator, “**US Foreign Policy Colloquium**,” simulation for visiting PRC students sponsored by the National Committee on US-China Relations and the Elliott School of International Affairs (June 2003).

Presentation on “**US-China Relations and Export Controls**,” Center for National Policy seminar (June 2003).

Presentation on “**Chinese Perspectives on East Asian Security**,” before the 24th Semi-Annual International Affairs Symposium Regional Studies Course on Asia, John F. Kennedy Special Warfare Center and School, Ft. Bragg, NC (May 2003).

Hosted an informal briefing before Washington-area China and trade experts on “**Findings from Study on Foreign High-Tech R&D in China**,” The Henry L. Stimson Center (April 2003).

Co-hosted with the Stanley Foundation a policy seminar at the Henry L. Stimson Center on “**Improving Multilateral Export Controls and Technology Access for the Developing World**” (December 2002).

Presentation on “**Globalization and High-Tech R&D: China and the World**,” before seminar hosted by the Pudong Institute on the US Economy (PIUSE), Shanghai, PRC (October 2002).

Presentation on “**Multilateral Export Controls: New Ideas on Enhancing Security and Trade**,” before the 8th ISODARCO-Beijing Seminar on Arms Control (October 2002). Also, chaired session on “Nonproliferation, Counter Terrorism, and Other Security Issues.

Presentation on “**Proliferation, Threat Perceptions, and Nuclear Weapons: The United States, China, and Taiwan**,” for the *Global Nuclear Trends 2015 Conference*, National Intelligence Council (April 3-4, 2002).

Congressional Testimony on “**US Export Controls and Commercial Technology Transfers to China**,” before the US-China Security Review Commission (January 17, 2002 — postponed from September 12, 2001).

Presenter, Conference on “**New Research in Nonproliferation and Export Controls: Reports From Four New Studies**,” Center for Strategic and International Studies (June 20, 2001).

Commentator, Panel on Asian Security Implications of Dual-Purpose Space Technologies, Workshop on “**Regional Security Implications of the Proliferation of Space Technologies**,” Space Policy Institute, George Washington University (May 25, 1999).

Presenter on Joint Ventures and Technology Acquisition Trends, “**China: Technology Acquisition and Assimilation Workshop: A Case Study**,” Areté Associates and Strategic Assessments Group (April 28-29, 1999).

Presenter, Conference on “**The National Security Implications of the Transformations in Defense Industries and Economics**,” sponsored by the National Intelligence Officer for General Purpose Forces, Defense Intelligence Officer for Global Trends and Projections and Chief, Strategic Assessments Group (April 28, 1999).

Featured speaker, Jiaozi Club on “**Commercial Technology Transfers to China: Another Problem for U.S.-China Relations**” (March 25, 1999).

Testimony before the House Select Committee on U.S. National Security and Military/Commercial Concerns with the People’s Republic of China on “**U.S. Commercial Technology Transfers to the People’s Republic of China**” (Washington, DC, October 1998).

In addition to the above are numerous roundtables, consultations, and other private meetings with US and foreign dignitaries, including substantive high-level briefings to Members of Congress/staff and senior US Executive Branch leaders (up to Cabinet-level) to include officials in the Office of the Secretary of Defense

(OSD), the Chief of Naval Operations, Commanders of Pacific Command and Pacific Fleet, the Commerce Department's Bureau of Industry and Security (BIS, formerly the Bureau of Export Administration or BXA), the National Intelligence Council and Intelligence Community (1997-present).

MEDIA APPEARANCES & MENTIONS

Periodic commentator and interviewee for national and international print, television, radio networks and podcast, including *CNN International*, *Foreign Policy magazine*, *Los Angeles Times*, *Breaking Defense*, *CNBC*, *National Journal*, *China Economic Quarterly*, *Aviation Week & Space Technology*, *Electronic Engineering Times*, *Halifax International Security Forum* and other media and scholarly venues on issues such as US-China relations, Chinese modernization, Asian security, the North Korean nuclear crisis, the ocean or blue economy, and the war in Iraq. Works have been cited positively or as recommended reading by the Council on Foreign Relations, *Business Week*, *R&D Management*, *Research-Technology Management*, the *Oriental Economist*, in academic books, university syllabi and academic reading lists.

HONORS, GRANTS & AWARDS

- Certificate of Recognition, Thank-a-Prof program, U.S. Naval War College (2021-22).
- U.S. Navy Meritorious Civilian Service Award for work at U.S. Naval War College (2020).
- Recipient of foundation grants from the Smith Richardson Foundation, Henry Luce Foundation, and the Stanley Foundation (as principal investigator) and from the Ford Foundation and Carnegie Corporation (as collaborating expert).
- Received US Government contracts from US Departments of Commerce, Defense, State and other government agencies as either principal investigator or as part of a research team (1997-2003).
- Selected as participant in Summer Workshop-1995, Women in International Security (WIIS), Washington, DC (1995).
- Selected for U.S. State Department summer internship, U.S. Consulate, Guangzhou, China (1994).
- Elected by peers to Editorial Board, *Journal of International Affairs*, Columbia University, NY (1994-95).
- Recipient of Board of Trustees Scholarship, George Washington University, Washington, DC (1987-1989).
- Selected as Foreign Policy Intern, Office of Senator Edward M. Kennedy, Washington, DC (1988).
- Recipient of Award of Recognition in Government, Suffolk University, Boston, MA (1987).

AFFILIATIONS

- National Committee on US-China Relations member (2013-present)
- Oceanography & Maritime Security Group (OMSG), founder & Director, Naval War College (2016-present)
- China Maritime Studies Institute (CMSI) Affiliate, Naval War College (2006-present)
- Asia-Pacific Studies Group (APSG) member, Naval War College (2006-present)
- Wylie Group, member, Naval War College (2012-2017)

- Association for Asian Studies (2000-3)
- United States Committee of the Council for Security Cooperation in the Asia-Pacific — USCSCAP (April 1996-present).
- Women in International Security — WIIS (1995-present); served as NWC liaison to WIIS-New England Chapter (2013-17).
- Jiaozi Club (1992-2004).