

JONATHAN F. SOLOMON

Experience and Achievements:

Senior Systems and Technology Analyst 2004 to Present
Systems Planning and Analysis Inc., Washington, D.C.

- Current: Policy Analyst supporting Navy Strategic Systems Programs Office
- June 2010-December 2015: Action Officer supporting PEO IWS 2.0 Air and Missile Defense Radar (AMDR) Program Office Hardware, Ship Integration, and Systems Engineering Teams
- September 2008-June 2010: Action Officer supporting PMS 502 CG(X) Ship Integration Team
- October 2004-September 2008: Action Officer supporting PEO IWS 1.0 Japan-United States Ballistic Missile Defense Open Architecture Research (BMDOAR) program and PEO IWS 2.0 international radar technology cooperation programs

Surface Warfare Officer 2000 to 2004
United States Navy, Norfolk, VA

- October 2003-September 2004: Aegis Fire Control Officer, USS GONZALEZ (DDG 66)
- March 2003-October 2003: Liaison Officer, Commander Destroyer Squadron 18 Staff
- December 2000-January 2003: Anti-Submarine Warfare Officer, USS THORN (DD 988)

Research and Publications:

- Regular Guest Author on maritime strategy, future warfare concepts, and deterrence theory topics, [Information Dissemination](#) (October 2014-Present)
- “Facing Russia: Conventional Defence and Deterrence in Europe.” Co-Authored with Elbridge Colby of the Center for a New American Security. *Survival*, December 2015 – January 2016, Pg. 21-50: <http://www.iiss.org/en/publications/survival/sections/2015-1e95/survival--global-politics-and-strategy-december-2015-january-2016-522a/57-6-03-colby-and-solomon-ae7f>
- “Demystifying Conventional Deterrence: Great-Power Conflict and East Asian Peace.” *Strategic Studies Quarterly*, Winter 2013: <http://www.au.af.mil/au/ssq/fullarticle.asp?id=58>. Applies widely-accepted conventional deterrence theory to the problem of deterring Chinese aggression in East Asia.
- “Maritime Deception and Concealment: Concepts for Defeating Wide-Area Ocean Surveillance and Reconnaissance Networks.” *Naval War College Review*, Autumn 2013:

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<http://www.usnwc.edu/getattachment/e2f92747-f9f1-4987-8db4-7e99874214b2/Maritime-Deception-and-Concealment--Concepts-for-D.aspx>. Discusses how maritime operational-tactical deception and concealment can support the Joint Operational Access Concept (JOAC) as well as theater-level conventional deterrence.

- “Defending the Fleet From China’s Anti-Ship Ballistic Missile: Naval Deception’s Roles in Sea-Based Missile Defense.” Georgetown University Master’s Thesis, April 2011: <https://repository.library.georgetown.edu/handle/10822/553587>. Analyzed the Chinese Anti-Ship Ballistic Missile system architecture, and assessed operational, tactical-technological, and doctrinal solutions that utilize electronic warfare in support of naval concealment and deception as well as theater-level conventional deterrence.
- “Cyberdeterrence Between Nation-States: Plausible Strategy or a Pipe Dream?” *Strategic Studies Quarterly*, Spring 2011: <http://www.au.af.mil/au/ssq/2011/spring/solomon.pdf>. Analyzed characteristics, employment considerations, and utility of various deterrence strategies against state-executed/sponsored cyberwarfare.
- “Remember War.” *U.S. Naval Institute Proceedings*, December 2006: 36-40. Described how naval warfare theories of late-19th century Russian admiral Stepan Osipovich Makarov apply to contemporary challenges facing the U.S. Navy.

Education:

Master of Arts in Security Studies, Georgetown University, Washington, D.C. (2011)

- Coursework in grand strategy, emerging technologies with defense applications, cyberwarfare, Eastern European/Eurasian security issues, ballistic missile defense technologies and analysis, and social science research methodologies.

Bachelor of Arts in International Relations, Boston University, Boston, MA (2000)

- Focused upon Soviet/Russian politics and foreign policy, strategic intelligence, and Cold War history.