

Jaganath Sankaranjaganath.sankaran@gmail.com

826 Jenkintown Road

Elkins Park, PA – 19027

Mobile: 240-252-8269

CURRENT POSITION	University of Maryland, School of Public Policy Assistant Research Professor Assistant Research Scholar	College Park, MD February 2017- Present September 2015 – February 2017
-------------------------	--	---

EDUCATION	University of Maryland, School of Public Policy Ph. D. in Public Policy (GPA: 3.9) Specialization: International Security and Economic Policy	College Park, MD August 2012
	University of Maryland, School of Public Policy Master of Engineering and Public Policy (GPA: 3.8)	College Park, MD May 2008
	International Space University Space Studies Program (87.5%)	Barcelona, Spain June 2008 – August 2008
	Staffordshire University, Dept. of Geography Postgraduate Certificate (Sustainable Development) [Merit]	Stoke-on-Trent, UK December 2007
	Dr. B.R. Ambedkar National Institute of Technology, Bachelor of Technology (Mechanical Engineering) [First Class Merit]	Punjab, India April 2003

EXPERIENCE

Tsinghua University Visiting Researcher	Beijing, China 15 July – 15 August, 2016
National Institute for Defense Studies Visiting Research Fellow	Tokyo, Japan 26 October – 25 December, 2015
Los Alamos National Laboratories Post-Doctoral Research Associate	Los Alamos, NM September 2014 – September 2015
Belfer Center for Science and International Affairs, Harvard University Post-Doctoral Fellow	Boston, MA August 2013 – August 2014
RAND Corporation Stanton Nuclear Security Post-Doctoral Fellow	Washington D.C. August 2012 – July 2013
Center for International and Security Studies at Maryland Maryland School of Public Policy Graduate Assistant	College Park, MD September 2006 – June, 2012

(Continued)

EXPERIENCE

Secure World Foundation Research Assistant	Washington D.C. September 2009 - June 2012
Defense R&D Organization, Govt. of India Scientist	Hyderabad, India June 2003 – April 2006

HONORS/ AWARDS	Yamamoto-Scheffelin Endowment Award for Dissertation Research	2012
	Omicron Delta Kappa	2009
	Phi Alpha Alpha	2008
	National Space Society, SEDS and the Space Generation Foundation Scholarship to International Space University (ISU) Summer School	2008
	Technology Day Award, Defense R & D Organization, Ministry of Defense, India	2006
	Partnership Fellowship, Staffordshire University	2006 - 2007
	Merit Excellence Award, National Institute of Technology	2000 - 2003

GRANTS	University of Maryland Flagship Fellowship (\$40,000)	2008 – 2012
	Social Sciences Research Council – Abe Fellowship (\$51,796) <i>Fostering Military Stability and Nuclear Nonproliferation in Northeast Asia</i>	2015

TEACHING EXPERIENCE

PLCY 790 – Project Course: International Security and Economic Policy (ISEP) Specialization
(Spring 2016 & Spring 2017)

PLCY 610 – Quantitative Aspects of Public Policy
(Fall 2017 & Fall 2018)

PLCY 720 – International Security Policy
(Fall 2018). Lectures on modules about Asian Security; Missile Defense, and Strategic Stability in previous years.

PROFESSIONAL SERVICE

Technical Consultant:

Joint U.S.-Russian National Academies of Science Study Group on Missile Defense Cooperation

Reviewer:

International Security, Journal of Global Security Studies, Contemporary Security Policy, and Space & Defense

Membership:

International Studies Association, Arms Control Association, U.S. Naval Institute, International Institute for Strategic Studies, Military Operations Research Society

PUBLICATIONS

Peer Reviewed Publications

Jaganath Sankaran and Bryan Fearey, "Missile Defense and Strategic Stability: Terminal High Altitude Area Defense (THAAD) in South Korea," *Contemporary Security Policy*, 06 Feb. 2017.

Jaganath Sankaran, "Battlefield Nuclear Weapons in South Asia: Pakistan's Risky Nuclear Solution to an Overvalued Indian Conventional Threat," *International Security*, Winter 2014/15, Vol. 39, No. 3, pp. 118-151.

Jaganath Sankaran, "The United States' European Phased Adaptive Approach Missile Defense System. Defending Against Iranian Missile Threats Without Diluting Russian Deterrent," National Security Research Division, Report # RR957, **RAND Corporation**, Santa Monica, California, 2015.

Jaganath Sankaran, "The Limits of Chinese Anti-Satellite Threat to the U.S." *Strategic Studies Quarterly*, Winter 2014, http://www.au.af.mil/au/ssq/digital/pdf/winter_14/sankaran.pdf

Jaganath Sankaran, "Exploring the Role of Information Superiority on Battle Outcomes," in Rajesh Basrur and Bharath Gopalaswamy (eds.), "India's Military Modernization: Strategic Technologies and Weapon Systems," *Oxford University UP*, March 2015.

PUBLICATIONS

Selected Non-Peer Reviewed Publications

Jaganath Sankaran, "The Tactical Utility and Strategic Effects of the Emerging Asian Phased Adaptive Approach Missile Defense System," in Catherine McArdle Kelleher (ed.), *Missile Defense, Extended Deterrence, and Nonproliferation in the 21st Century*, **Naval Postgraduate School's Project on Advanced Systems and Concepts for Countering Weapons of Mass Destruction (PASSC)**.

(Continued)

PUBLICATIONS

Selected Non-Peer Reviewed Publications

Jaganath Sankaran (co-authored with Rajesh Basrur), “India’s Slow and Unstoppable Move to MIRV,” in Michael Krepon et al (eds.), “The Lure & Pitfalls of MIRVs: From the First to the Second Nuclear Age,” *Stimson Center*, May 2016.

Jaganath Sankaran, “The Enduring Power of Bad Ideas: ‘Cold Start’ and Battlefield Nuclear Weapons in South Asia,” *Arms Control Today*, November 2014.

Jaganath Sankaran, “Destroying Pakistan to Deter India? The Problem with Pakistan’s Battlefield Nukes,” *Bulletin of Atomic Scientists*, July/August, 2014.

Jaganath Sankaran, “Missile Defense Against Iran Without Threatening Russia,” *Arms Control Today*, November 2013.

Jaganath Sankaran, “China’s Deceptively Weak Anti-Satellite Capabilities,” *Diplomat*, November 13, 2014.

Jaganath Sankaran, “The Resilience of U.S. Military Space Power,” *Space News*, July 28, 2014.

Jaganath Sankaran, “Policy Brief: The Tactical Reach and Requirement of the Indian Navy,” **S. Rajarathnam School of International Studies**, Nanyang Technological University, October, 2013.

PRESENTATIONS

Selected Invited Presentations

“Missile Defense, Misperception, and Inadvertent War,” Joint Workshop of the **Center for International and Security Studies at Maryland (CISSM) and The Institute for U.S.A and Canadian Studies (ISKRAN)**, College Park, MD, 10.11.2016.

“Are Anti-Satellite (ASAT) Capabilities Upending Traditional Nuclear Deterrence?” Tsinghua University & **Carnegie-Tsinghua Center** for Global Policy Annual Conference, Beijing, China, 07.19.2016.

“Missile Defenses in the Asia-Pacific,” **POSSE** Emerging Technologies and Strategic Stability Workshop, Washington, D.C., 02.06.2016.

“Deterring North Korea: An Examination of the East Asian Missile Defense Architecture,” **CSIS Project on Nuclear Issues (PONI)** Summer Conference, Los Alamos, 06.23.2015.

“Evaluating the European Phased Adaptive Approach (EPAA) Missile Defense System: Does EPAA Threaten Russia? What Measures Of Cooperation With Russia Are Viable?” 2014 **RUSI Missile Defense Conference**, Invited conference address, 03.18.2014.

(Continued)

PRESENTATIONS

Selected Invited Presentations

“Balancing the European Phased Adaptive Approach (EPAA) Missile Defense System: Can EPAA Defend Against Iranian Missiles Without Threatening Russian ICBMs?” **Office of the Under Secretary of Defense (Policy)**, Global Strategic Affairs, Pentagon, 10.01.2013.

“Balancing the European Phased Adaptive Approach (EPAA) Missile Defense System: Can EPAA Defend Against Iranian Missiles Without Threatening Russian ICBMs?” **Office of the Acting Under Secretary for Arms Control and International Security**, Department of State, 01.07.2014.

“Analytical Examination of the Rhetoric in the Debate on Space Security,” **The Bovay Seminar Series**, College of Engineering, Cornell University, 02.06.2013.

“Tactical Satellites (TacSats) for Battlefield Operations: Engineering Feasibility,” **The Program on Science and Global Security** at Princeton University, 04.18.2012.

“Tactical Satellites (TacSats) for Battlefield Operations: Engineering Feasibility,” **Engineering and Public Policy Department, Carnegie Mellon University**, 01.23.2012.

Selected Workshops

Summer Workshop on Analysis of Military Operations (**SWAMOS**), held at Cornell University (2012).

Collaborative Satellite Imagery Analysis Workshop, **Federation of American Scientists (FAS)**, Washington D.C. (2011).

International Summer Symposium on Science and World Affairs, **Union of Concerned Scientist (UCS)**, Copenhagen (2007).
