

Jaganath Sankaran

Lyndon B. Johnson School of Public Affairs
University of Texas at Austin
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CURRENT POSITION	University of Texas at Austin Lyndon B. Johnson School of Public Affairs Assistant Professor Distinguished Scholar, Robert Strauss Center for International Security and Law, University of Texas at Austin Faculty Affiliate, South Asia Institute, University of Texas at Austin Affiliate, Center for International and Security Studies at Maryland (CISSM), University of Maryland, College Park	Austin, TX August 2018 - Present November 2018 - Present August 2020 - Present September 2020- Present
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EDUCATION	University of Maryland, School of Public Policy Ph. D. in Policy Studies Specialization: International Security and Economic Policy University of Maryland, School of Public Policy Master of Engineering and Public Policy International Space University Space Studies Program Staffordshire University, Dept. of Geography Postgraduate Certificate (Sustainable Development) Dr. B.R. Ambedkar National Institute of Technology Bachelor of Technology (Mechanical Engineering)	College Park, MD August 2012 College Park, MD May 2008 Barcelona, Spain June 2008 – August 2008 Stoke-on-Trent, UK December 2007 Punjab, India April 2003
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PUBLICATIONS

Peer Reviewed Publications

Jaganath Sankaran, "Missile Wars in the Asia-Pacific: The Threat of Chinese Regional Missiles and U.S.-Allied Missile Defense Response," **Asian Security**, 20 June 2020 (published online).

Jaganath Sankaran, "Missile Defenses and Strategic Stability in Asia: Evidence from Simulations," **Journal of East Asian Studies**, 27 May 2020 (published online).

Jaganath Sankaran and Bryan Fearey, "Missile Defense and Strategic Stability: Terminal High Altitude Area Defense (THAAD) in South Korea," **Contemporary Security Policy**, 2017, Vol. 38, No. 3, pp. 321-344.

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.

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PUBLICATIONS

Peer Reviewed Publications

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.

In Progress

Jaganath Sankaran and Steve Fetter, “Defending America: A Sensible Approach to National Missile Defense against North Korea,” **Under Review**

Jaganath Sankaran, “The Security Dilemma in the Pursuit of Missile Defenses: An Examination of the Threat to U.S.-China Strategic Stability.” **Under Review.**

Jaganath Sankaran, “India-China Crisis Diplomacy: The Resolution to the Doklam Standoff,” **Draft.**

PUBLICATIONS

Selected Non-Peer Reviewed Publications

Jaganath Sankaran and Steve Fetter, “Reexamining Homeland Missile Defense against North Korea,” *Washington Quarterly*, Fall 2020.

Jaganath Sankaran, “‘Big, fat, juicy targets’—the problem with existing early-warning satellites. And a solution,” *Bulletin of Atomic Scientists*, September 30, 2019, <https://thebulletin.org/2019/09/big-fat-juicy-targets-the-problem-with-existing-early-warning-satellites/>

Jaganath Sankaran, “A Different Use for Artificial Intelligence in Nuclear Weapons Command and Control,” *War on the Rocks*, April 25, 2019, <https://warontherocks.com/2019/04/a-different-use-for-artificial-intelligence-in-nuclear-weapons-command-and-control/>

Jaganath Sankaran (co-authored with Steve Fetter), “A Path to Reducing Iran’s Missile Threat and Reconfiguring U.S. Missile Defense” *Arms Control Today*, July/August 2018.

Jaganath Sankaran (co-authored with Steve Fetter), “The Iran nuclear deal could still be saved, experts say,” *The Conversation*, May 17, 2018.

Jaganath Sankaran, “Scope and Scale of Missile Defense Plans in the 2018 National Defense Authorization Act (NDAA),” *MostlyMissileDefense Blog*, 25 February 2018, <https://mostlymissiledefense.com/2018/02/25/scope-and-scale-of-missile-defense-plans-in-the-2018-national-defense-authorization-act-ndaa-february-25-2018/>

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PUBLICATIONS

Selected Non-Peer Reviewed Publications

Jaganath Sankaran, “Why So Mad About THAAD? A Case of Chinese Coercion?” **Asia & the Pacific Policy Society (APPS) Policy Forum**, 24 March 2017, <https://www.policyforum.net/why-so-mad-about-thaad/>

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)**.

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.

RECENT PROFESSIONAL SERVICE

American Physical Society, Panel on Public Affairs (POPA) Study Group May 2020 - Present
Missile Defense and National Security
Member

U.S. National Academies of Sciences, Committee on International Security and Arms Control 2015-2017
Joint U.S.-Russian National Academies of Science Study Group on Missile Defense Cooperation.
Technical Consultant

GRANTS	Carnegie Corporation of New York (\$124,000) <i>Emerging Anti-Satellite (ASAT) Threats to U.S. Nuclear Command, Control and Communications (C3) Space Assets</i>	April 2020 – October 2021
	University of Texas at Austin, Graduate School (\$12,500) Summer Research Assignment <i>A New Arms Control Deal with Iran: Viability of Negotiated Limits on Iranian Ballistic Missile Program</i>	Summer 2020
	Policy Research Institute, LBJ School of Public Affairs (\$14,333) <i>Emerging Technologies and Missile Warfare</i>	July 2019
	Carnegie Corporation of New York (Consultant: \$11,110) <i>Implications of Small Satellites and Defense Innovation for Nuclear Security and Strategic Stability</i>	2018
	Carnegie Corporation of New York (Sub-award: \$50,000) <i>Reducing Nuclear Risks, Research, Policy Engagement, and Training</i>	2018
	Social Sciences Research Council – Abe Fellowship (\$51,796) <i>Fostering Military Stability and Nuclear Nonproliferation in Northeast Asia</i>	2015
	University of Maryland Flagship Fellowship (\$40,000)	2008 – 2012

SELECTED 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

EXPERIENCE	University of Maryland, School of Public Policy Assistant Research Professor	College Park, MD February 2017- August 2018
	University of Maryland, School of Public Policy Assistant Research Scholar	College Park, MD September 2015 – February 2017

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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
	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

TEACHING EXPERIENCE

Lyndon B. Johnson School of Public Affairs, University of Texas at Austin

PA 383G – Policymaking in a Global Age (Science and Technology in Public Policy)
(Spring 2019, Spring 2020)

PA 397G – Analytical Methods for Global Policy Studies
(Fall 2018, Fall 2019, Fall 2020)

PA388K – Emerging Technologies and International Security
(Spring 2020)

PA 388K – Asian Security Policy
(Spring 2019)

PA 390E - Research Design (for doctoral students)
(Fall 2019), Instructor on a number of weekly modules. Co-taught with Dr. Chandler Stolp.

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TEACHING EXPERIENCE

Maryland School of Public Policy, University of Maryland

PLCY 790 – Project Course: International Security and Economic Policy (ISEP)

Specialization

(Spring 2016 & Spring 2017)

PLCY 610 – Quantitative Aspects of Public Policy

(Fall 2016 & Fall 2017)

PLCY 720 – International Security Policy

(Fall 2017).

PROFESSIONAL SERVICE

LBJ School of Public Affairs Service

Member, Diversity, Equity, and Inclusion (DEI) Committee (2020-)

Member, PhD Comprehensive Examination, Curriculum, Qualifying Committee (2018-2020)

Chair, Subcommittee on Learning Objectives for the PhD Methods Sequence, PhD GSC (2019-2020)

Guest Lecturer, Research Design (PA 390E) Course for PhD students (Fall 2019)

Instructor, Independent Study Conference Course, MGPS Student, Mr. Jonah Bhide, MGPS (Fall 2019)

Instructor, Independent Study Conference Course, MGPS Student, Mr. Nick Barracca, MGPS (Fall 2020)

Advisor, Plan II Undergraduate thesis, Dhruv Desai, BA (2020-2021)

Member/Consultant:

Member, American Physical Society, Panel on Public Affairs (POPA) Study Group (2020)

Missile Defense and National Security

Technical Consultant, U.S. National Academies of Sciences, Committee on International Security and Arms Control (2015-2016)

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

Reviewer:

International Security, Security Studies, Journal of Global Security Studies, Contemporary Security Policy, Strategic Studies Quarterly, The Pacific Review, Asian Security, Defence Studies, and Space & Defense.

Membership:

International Studies Association (ISA), American Political Science Association (APSA), Association for Asian Studies (AAS), Arms Control Association (ACA), U.S. Naval Institute, American Association for the Advancement of Science (AAAS), and Military Operations Research Society (MORS).

PRESENTATIONS

Selected Invited Presentations

“Primer on On-orbit Collision & Debris Generation,” **United Nations Disarmament Commission (UNDC)** Working Group, New York, NY, 04.10.2019.

“Addressing Iranian Missile Threats and Reconfiguring U.S. Missile Defenses in Europe,” 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, 11.13.2018.

“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.

“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.

PRESENTATIONS

Conference/Professional Society Presentations

International Studies Association (ISA) Annual Conference

2018 - Presenter, 2016 - Presenter

International Security Studies Section of ISA and the International Security and Arms Control Section of APSA (ISSS-IS) Annual Conference

2019 - Presenter, Chair; 2018 – Presenter, Discussant; 2015 - Presenter

WORKSHOPS

Institute for Qualitative and Multi-Method Research (**IQMR**), Syracuse University, New York (Summer 2019).

Oxford Spring School in Advanced Research Methods, Department of Politics & International Relations, **Oxford University**, Oxford, United Kingdom (2018).

Summer Workshop on Analysis of Military Operations (**SWAMOS**), Cornell University, Ithaca, NY (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).
