

Stanton Nuclear Security Fellows Seminar

Fellows - Alphabetically by Institution

Matthew Hartwell, Belfer (mhartwell1@gmail.com)



Matthew Hartwell is a Stanton Nuclear Security Predoctoral Fellow at the Harvard Kennedy School's Belfer Center for Science and International Affairs. He is a PhD candidate in the International Relations program at the American University School of International Service, a (non-resident) Hans J. Morgenthau Fellow at the Notre Dame International Security Center, and a research associate at the Center for Security, Innovation, and New Technology. He holds an MSc from the School of Oriental and African Studies and a BA from Goldsmiths University. Matthew's doctoral research examines population vulnerability in the context of American Cold War-era nuclear weapons policy. His broader research interests include international security, emerging military technologies, arms control, and historical institutionalism.

Mailys Mangin, Belfer (mailysmangin@hks.harvard.edu)



Mailys Mangin is a Stanton Nuclear Security Predoctoral Research Fellow at the Belfer Center. She is also a Ph.D. Candidate in Political Science at Lille University, in France. Her research uses relational sociology to contribute to a deeper understanding of the political role of international institutions in the field of nuclear nonproliferation. She is a member of the French Next Generation Réseau Nucléaire et Stratégie (RSN-NG) led by two French think tanks, the Fondation pour la Recherche Stratégique (FRS) and the Institut Français des Relations Internationales (IFRI).

Jamie Kwong, CEIP (jamie.kwong@ceip.org)



Jamie Kwong is the Stanton Pre-Doctoral Fellow in the Nuclear Policy Program at the Carnegie Endowment for International Peace. She is also a doctoral candidate in War Studies at King's College London. Her research focuses on public opinion of nuclear weapons issues, with her dissertation focused specifically on examining U.S. public opinion of North Korea's nuclear weapons program.

While studying in the United Kingdom as a Marshall Scholar, Jamie served as research assistant to Dr. Heather Williams at the Centre for Science and Security Studies, working on projects related to the P5 Process, the Nuclear Non-Proliferation Treaty and Treaty on the Prohibition of Nuclear Weapons, transatlantic deterrence, and the impact of social media on conflict escalation. She also worked in the Nuclear Policy Programme at the Royal United Services Institute on projects related to strategic stability, disarmament verification, and the UK Project on Nuclear Issues. Jamie has previous experience with the U.S. State Department's International Security and Nonproliferation Bureau, the U.S. House of Representatives Committee on Foreign Affairs, and the Central Intelligence Agency. She holds an MA in Public Diplomacy and BA in International Relations from the University of Southern California, where she served as a Korean Studies Institute Fellow.

Debak Das, CISAC (debakdas@stanford.edu)



Debak Das is a Stanton Nuclear Security Postdoctoral Fellow in the Center for International Security and Cooperation (CISAC) at Stanford University. His research explores how states develop the means of nuclear delivery. Using historical and archival sources, he examines the different trajectories states have taken in developing their nuclear forces and how the global

nuclear non-proliferation regime has enabled this process. He has conducted this research in France, India, the United Kingdom, and the United States. His research lies at the intersection of International Relations, nuclear strategy, diplomacy, statecraft, and international history.

Debak received his PhD from the Department of Government at Cornell University. Before Cornell, he completed his M.Phil in Diplomacy and Disarmament, and M.A. in Politics and International Relations at Jawaharlal Nehru University, New Delhi. He has formerly held research positions at the Institute of Peace and Conflict Studies and Centre for Dialogue and Reconciliation, New Delhi. His prior work includes organizing extensive Track II Dialogues between India and Pakistan specifically on nuclear and other related security issues.

[J. Luis Rodriguez, CISAC \(jluisrod@stanford.edu\)](mailto:jluisrod@stanford.edu)



J. Luis Rodriguez is a Stanton Nuclear Security Fellow at the Center for International Security and Cooperation at Stanford University. His research centers on how developing countries build and maintain limits on the use of force in international law. He focuses on the origins of the nuclear order primarily from a Latin American perspective. His work reconstructs the attempts of the Brazilian and Mexican governments to delegitimize the threat and use of nuclear force while securing access to peaceful nuclear technologies. By analyzing the Latin American participation in crafting nuclear weapon nonproliferation treaties, he aims to understand how developing countries react when technological advancements challenge existing limits on the use of force.

Luis holds a Ph.D. in Political Science from Johns Hopkins University. He served as a Nuclear Security Fellow with the Getulio Vargas Foundation in São Paulo, Brazil. Before joining the Ph.D. program at Johns Hopkins, he was a junior advisor to the Vice-Minister for Latin American Affairs in the Mexican Ministry of Foreign Affairs, working on international security cooperation in the region.

Sanne Cornelia J. Verschuren, CISAC (sanne_verschuren@brown.edu)



Sanne Verschuren is a Stanton Nuclear Security Postdoctoral Fellow at the Center for International Security and Cooperation of Stanford University. Her research interests include the development of military technology, shifts in military strategy and tactics, and the role of ideas and norms therein. Her book project examines why and how states decide to procure different weapon capabilities within similar military domains. More specifically, she seeks to understand the politics behind the development and operationalization of air power (1920s-1930s), aircraft carriers (1950s-1960s), and missile defenses (1980s-today) in the United States, the United Kingdom, France, and India. Sanne also works on questions around the global arms trade, trends in armament and disarmament, and the politics of deterrence. At CISAC, Sanne will conduct research on the intersection between nuclear and conventional weapon capabilities.

Before joining CISAC, Sanne was a predoctoral research fellow with the International Security Program at Harvard Kennedy School's Belfer Center for Science and International Affairs. Sanne's research has been supported by the National Science Foundation, the Horowitz Foundation for Social Policy, and the Belgian American Education Foundation, among others. Sanne received her Ph.D. in Political Science from Brown University in August 2021. She holds a LL.B. and LL.M. from Ghent University and received a M.Sc. in the Politics of Conflict, Rights and Justice from the School of Oriental and African Studies, as well as M.A. in Political Science from Brown University.

Laura Grego, MIT NSE (lgrego@mit.edu)



Dr. [Laura](#) Grego is a Stanton Nuclear Security Fellow at MIT's Laboratory for Nuclear Security and Policy, on leave from the Union of Concerned Scientists' Global Security Program, where she is senior scientist and research director. A physicist by training, she works at the

intersection of science and policy on the topics of nuclear weapons, missile defense, and space security.

She has authored papers on topics from cosmology to nuclear security issues and has testified before U.S. Congress and the United Nations. She has been cited by New York Times, Washington Post, Reuters, Bloomberg, Boston Globe, Chicago Tribune, Los Angeles Times, New Scientist, and USA Today, among others, and has appeared on CNN, Fox News, the Discovery Channel, the BBC and NPR. She is a technical expert for The Woomera Manual on the International Law of Military Space Operations, an associate editor for the journal Science and Global Security, and a member of the American Physical Society's Panel on Public Affairs. Prior to joining UCS, Grego was a postdoctoral researcher at the Harvard-Smithsonian Center for Astrophysics. She earned a doctorate degree in experimental physics at the California Institute of Technology and a bachelor of science degree in physics and astronomy at the University of Michigan.

Doreen Horschig, MIT SSP (horschig@mit.edu)



Doreen Horschig is a Stanton Nuclear Security Fellow at the Security Studies Program at the Massachusetts Institute of Technology. Her primary area of research examines nuclear norms contestation and public opinion with a focus on the psychological factors of individuals' attitudes towards nuclear weapons. She is also interested in nuclear counter-proliferation and the conditionality of the chemical weapons norm. Her work has been published as scholarly articles in Third World Quarterly and Defense and Security Analysis and political commentaries, including in War on the Rocks, the Bulletin of the Atomic Scientists, The Conversation, and Inkstick Media.

She was formerly the Roger L. Hale Fellow with the Ploughshares Fund, a global security foundation, a nuclear scholar with the Project on Nuclear Issues hosted by the Center for Strategic and International Studies, and a graduate fellow with the German Academic Exchange Service (DAAD). She holds a Ph.D. in security studies from the University of Central Florida, a M.A. in international relations from New York University, and a B.A. in international studies from Manhattan College.

David C. Logan, MIT SSP (dlogan@princeton.edu)



David C. Logan is a Stanton Nuclear Security Fellow at the Massachusetts Institute of Technology Security Studies Program in Cambridge, MA. David is also a Ph.D. Candidate in Security Studies at the Princeton University School of Public and International Affairs. His research interests include security issues in the Asia-Pacific region with a focus on the Chinese nuclear weapons program and the U.S.-China security relationship, and the impact of nuclear posture decisions on deterrence and escalation dynamics.

He was conducted research for the Office of Net Assessment, the Defense Threat Reduction Agency, the Center for the Study of Chinese Military Affairs at the National Defense University, and the Arms Control Association. His writing has appeared in *Foreign Affairs*, *Bulletin of the Atomic Scientists*, *Journal of Strategic Studies*, and the *Nonproliferation Review*, among other venues. He holds an M.A. in Public Affairs and an M.P.A. from Princeton University and a B.A. from Grinnell College.

Tamara Lilinoe Patton, MIT SSP (tpatton@princeton.edu)



Tamara Lilinoe Patton is a Stanton Nuclear Security Fellow in the MIT Security Studies Program. Her research focuses on remote-sensing and other technologies related to information and transparency and the influence of their advancement on nuclear forces, arms control, disarmament, and issues of cooperation and competition. She received her doctorate from Princeton University from the School of Public and International Affairs in Science, Technology, and Environmental Policy, and she has worked within Princeton's Program on Science and Global Security.

She was formerly a researcher at the Vienna Center for Disarmament and Non-Proliferation focused on emerging technologies for nuclear verification. She has also been a researcher at the Stockholm International Peace Research Institute, concentrating on nuclear, conventional, and humanitarian arms control issues. Her other appointments have included the US Naval Postgraduate School's Common Operational Research Environment (CORE) Laboratory and Remote Sensing Center. She has an MA in nonproliferation studies from the Middlebury Institute of International Studies and a BA in international studies from the University of Washington.

Abigail Post, RAND (apost@rand.org)



Abby Post is a Stanton Nuclear Security Fellow at the RAND Corporation in Pittsburgh, PA. Her research interests include nuclear security, crisis bargaining, and the causes and consequences of political violence.

She was formerly Assistant Professor of Political Science and National Security at Anderson University in Indiana. She holds an M.A. and Ph.D. in foreign affairs with a focus on international security from the University of Virginia and a B.A. in Political Science and International Studies from SUNY Brockport. Her dissertation received the 2019 John McCain Dissertation Award, and her research has been published in the *Journal of Conflict Resolution* and *International Interactions*.

Taylor Harvey, Texas A&M (taylor.harvey250@ufl.edu)



Taylor Harvey was born and raised in Tallahassee, Florida. He earned a bachelor's degree in Nuclear Engineering from the University of Florida in 2017. Shortly after finishing his undergraduate work, he enrolled in the Nuclear Engineering Ph.D. program at UF, where he continued working in the research group of Dr. Andreas Enqvist. He has completed internships

in nuclear non-proliferation and safeguards at Los Alamos National Laboratory in 2017 and Brookhaven National Laboratory in 2019. He received his Ph.D. in Nuclear Engineering in August of 2021, publishing a dissertation entitled "Simplified Neutron Scatter Camera for Nuclear Safeguards Applications." His research interests include neutron imaging systems, pulse shape discrimination techniques, scintillator characterization, and neutron multiplicity counting. Taylor is currently continuing his research on novel radiation detectors for nuclear security as a postdoctoral fellow at Texas A&M University.