

RECNA/UCS Workshop on Nuclear Disarmament
With Cooperation by NURESCA Project/Nagasaki University Nuclear Abolition and Arms
Reduction Research Group

“Developments in US nuclear weapons policy and the implications for Northeast Asia”

October 16 (Mon) 9:00 am-11:00 am

At Room A-12, Nagasaki University (also on-line)

<https://www.nagasaki-u.ac.jp/en/access/bunkyo/index.html>

We are now facing unprecedented nuclear crises. It is a critical time to analyze the policies of the nuclear weapon states and assess the implications of new trends. We are fortunate scientists and analysts from the Global Security Program of the Union of Concerned Scientists (UCS) will visit Nagasaki University. The Research Center for Nuclear Weapons Abolition at Nagasaki University (RECNA) and UCS are co-organizing a special workshop on nuclear issues with the cooperation of the NURESCA project and Nuclear Abolition and Arms Reduction Research Group at Nagasaki University. The workshop will be open to the public and available on-line. We hope it will be useful for those looking of a better understanding of US nuclear policies and their implications for Northeast Asia.

Date: October 16 (Mon) 9:00 -11:00 am (JST) (On-line is available)

Place: Nagasaki University, Building A, Room A-12

Language: English only

Registration: Please register at the following URL by October 12 (Thurs)



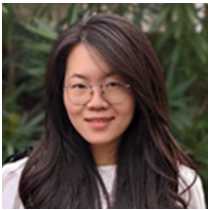
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Agenda

Moderator: Prof. Keiko Nakamura (RECNA)

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| 9:00-9:05 | Welcome by Prof. Fumihiko Yoshida (Director, RECNA) |
| 9:05-9:20 | Overview of US Missile Defense and Implications
Dr. Laura Grego, Senior Scientist and Research Director (UCS) |
| 9:20-9:35 | Problems with US Plans for Plutonium Pit Production
Dr. Dylan Spaulding, Senior Scientist (UCS) |
| 9:35-9:50 | North Korean Plutonium Production Capacity
Dr. Sulgiye Park, Senior Scientist, (UCS) |
| 9:50-10:05 | Potential for US-China Nuclear Conflict
Mr. Robert Rust, China Analyst (UCS) |
| 10:05-10:20 | Analysis of the U.S. Nuclear and Military Budget
Ms. Eryn MacDonald |
| 10:20-10:25 | Break |
| 10:25-10:55 | Free Discussion: (Moderator: Prof. Tatsu Suzuki (RECNA)) |
| 10:55-11:00 | Closing Remark by Dr. Gregory Kulacki (UCS and RECNA) |

List of Participants

 <p>Laura Grego</p>	<p>Laura Grego is a senior scientist and the research director of the Global Security Program at the Union of Concerned Scientists, where she has worked at the intersection of science and public policy, in particular nuclear weapons, missile defense, and space security issues, for twenty years. She recently completed a Stanton Nuclear Security Fellowship at the Laboratory for Nuclear Security and Policy at MIT. Before joining UCS, Dr. Grego was a postdoctoral researcher at the Harvard-Smithsonian Center for Astrophysics.</p>
 <p>Dylan Spaulding</p>	<p>Dylan Spaulding is a senior scientist in the Global Security Program at the Union of Concerned Scientists. His work focuses on technical issues related to nuclear weapons and policies that can reduce the threat they pose. Dr. Spaulding earned his undergraduate degree in physics from Brown University and Ph.D in Earth and Planetary Sciences from UC Berkeley. Dr. Spaulding has long been involved with the US national labs as an intern, NNSA Stockpile Stewardship Graduate Fellow, and visiting scientist and experimenter. He was a postdoctoral researcher at the Commissariat à l’Energie Atomique in France and Origins Initiative fellow at Harvard University. Most recently, he commissioned and directed the Shock Compression Laboratory at UC Davis, where he also taught undergraduate geology.</p>
 <p>Sulgiye Park</p>	<p>Sulgiye Park is a Senior Scientist in the Global Security Program at the Union of Concerned Scientists. Her work focuses on the front and back end of the nuclear fuel cycle, monitoring and verifying nuclear activities, and analyzing fissile nuclear materials stockpiles. Before joining UCS, Dr. Park worked as a research scientist at the Stanford Doerr School of Sustainability, where she looked at rare-earth metal supply chain issues in the US. She was also a MacArthur and Stanton Nuclear Security Fellow at Stanford University’s Center for International Security and Cooperation (CISAC), where her research focused on: analyzing geological resources, including uranium and critical metal resources, in North Korea; and radioactive waste management. She published multiple papers on North Korea’s uranium mining and milling processes for disarmament and nonproliferation efforts. Dr. Park holds a Ph.D. in Geological Sciences from Stanford University, where her thesis work involved characterization of nuclear and earth materials under</p>

	<p>extreme conditions.</p>
 <p>Robert Rust</p>	<p>Robert Rust is a China Analyst with the Global Security Program at the Union of Concerned Scientists. He focuses on China's nuclear weapons program, Chinese governance, and the US-China relationship. Before joining UCS, Mr. Rust spent six months as a Graduate Trainee at the Norwegian Embassy in Beijing in 2019. While writing his master's thesis, he was a Graduate Research Fellow at the Norwegian Institute of International Affairs in Oslo. Mr. Rust holds a bachelor of arts in International Relations/Chinese from the College of William and Mary, and a master of arts in Chinese Culture and Society from the University of Oslo in Norway.</p>
 <p>Eryn MacDonald</p>	<p>Eryn MacDonald, an analyst with the Global Security Program since December 2011, is an expert in international security, arms control and nonproliferation, U.S.-China relations, and East Asian security. She has a master's degree in government from Cornell University, where she wrote a master's thesis on Chinese space weapons policy. Between her graduate work at Cornell and graduating from Dartmouth with a bachelor's degree in government, Ms. MacDonald spent four years as a program assistant with the UCS Global Security Program. Just before returning to UCS, she coordinated internships for the International Science and Technology Initiative at the Massachusetts Institute of Technology.</p>
 <p>Gregory Kulacki</p>	<p>Gregory Kulacki is a Senior Analyst and the China Project Manager for the Global Security Program of the Union of Concerned Scientists (UCS). He is also a Visiting Fellow at the Research Center for Nuclear Weapons Abolition (RECNA) at Nagasaki University. He works on improving cross-cultural communication between the United States of America, China and Japan on nuclear weapons and related security issues. Prior to joining UCS in 2002, Dr. Kulacki was the Director of External Studies at Pitzer College, an Associate Professor of Government at Green Mountain College and the China Director for the Council on International Educational Exchange. Gregory completed his doctorate in government and politics at the University of Maryland College Park.</p>
 <p>Fumihiko Yoshida</p>	<p>Prof. Fumihiko Yoshida is the Director of the Research Center for Nuclear Weapons Abolition (RECNA) at Nagasaki University. He was a Deputy Director of the Editorial Board of the Asahi Shimbun. He served as a member of the Advisory Panel of Experts on Nuclear Disarmament and Non-Proliferation for Japan's Minister of Foreign</p>

	<p>Affairs. He is Editor-in-Chief of Journal for Peace and Nuclear Disarmament (J-PAND). He has a PhD in International Public Policy from Osaka University (2007).</p>
 <p>Tatsujiro Suzuki</p>	<p>Prof. Tatsujiro Suzuki is the Vice Director of the Research Center for Nuclear Weapons Abolition (RECNA) at Nagasaki University He was born in 1951. Before joining RECNA, he was a Vice Chairman of Japan Atomic Energy Commission (JAEC) of the Cabinet office (2010-2014). He is also a Council Member of Pugwash Conferences on Science and World Affairs (2007-09 and from 2014~). Dr. Suzuki has a PhD in nuclear engineering from Tokyo University (1988).</p>
 <p>Keiko Nakamura</p>	<p>Prof. Keiko Nakamura is an Associate Professor in the Research Center for Nuclear Weapons Abolition (RECNA) at Nagasaki University. She is the Former Secretary-General of “Peace Depot” and has a Master’s Degree in International Policy Studies from Middlebury Institute of International Studies at Monterey.</p>