



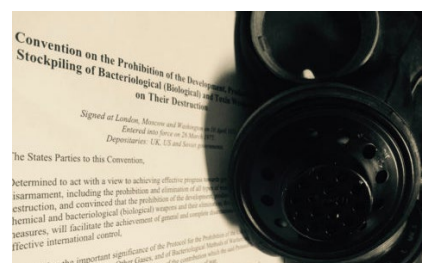
Middlebury Institute of  
International Studies at Monterey  
*James Martin Center for Nonproliferation Studies*

## CNS News & Views: December 2017

### Cutting-edge research in emerging WMD fields

2017 has been a prolific year for CNS researchers, who have published deep-dive research and analysis into the newest and most challenging issues in WMD nonproliferation. The CNS Occasional Paper series demonstrates the diversity and breadth of our in-house expertise, including new studies on:

- **"Countering North Korean Procurement Networks through Financial Measures,"** by Erol Eda and Leonard S. Spector
- **"Open-Source Monitoring of Uranium Mining and Milling for Nuclear Nonproliferation Applications,"** by Jeffrey Lewis, Melissa Hanham, Joshua Pollack, Catherine Dill, and Raymond Wang
- **"WMD Proliferation Risks at the Nexus of 3D Printing and DIY Communities,"** by Robert Shaw, Ferenc Dalnoki-Veress, Shea Cotton, Joshua Pollack, Masako Toki, Ruby Russell, Olivia Vassalotti, Syed Gohar Altaf
- **"Taiwan's Export-Control System,"** by Melissa Hanham, Catherine Dill, Daniel Salisbury, P. Alex Kynerd, and Raymond Wang
- **"Crowdsourcing Systems and Potential Applications in Nonproliferation,"** by Bryan Lee
- **"The Verification Clearinghouse: Debunking Websites and the Potential for Public Nonproliferation Monitoring,"** by Bryan Lee and Kyle Pilutti
- **"Geo4nonpro.org: A Geospatial Crowd-Sourcing Platform for WMD Verification,"** by Melissa Hanham, Catherine Dill, Jeffrey Lewis, Bo Kim, Dave Schmerler, Joseph Rodgers
- **"Searching for Illicit Dual-Use Items in Online Marketplaces,"** by Bryan Lee, Margaret Arno, and Daniel Salisbury
- **"Findings on the 2016 Symposium on Export Control of Emerging Biotechnologies,"** by Steven Fairchild, Caroline R. M. Kennedy, Philippe Mauger, Todd J. Savage, and Raymond A. Zilinskas



### The North Korea Standoff Will Get Worse

In an op/ed in the *NY Daily News*, Joshua Pollack warns against "waiting for a big diplomatic breakthrough," and that Kim Jung Un is

likely far from finished expanding the DPRK nuclear and missile capability:

"And part of the reason is that he seems to have found the perfect foil in this American President, who speaks loudly, spitting invective at Kim with regular frequency, and carries a stick of yet-to-be-determined size."



The Frigate Bird test was the only US operational ballistic missile launch with a live warhead, an experiment that North Korea threatened to repeat.

[Read more.](#)

## Are Arms Control Agreements Losing Their Value?

In a new story published by the *National Interest*, Senior Fellow Nikolai Sokov writes of the inevitable fate of the 1987 Intermediate-range Nuclear Forces Treaty and calls for an updated, relevant replacement for it.



"For a former negotiator, old treaties are like old dogs. They grow feeble and eventually pass away. You watch the last years of their life with growing sadness, but know that some things in life are inevitable. The big difference is whether you get a new puppy afterwards or not. The INF Treaty seems to be dying and no replacement is in sight."

[Read more.](#)

## Youth Communicators in Hiroshima

For the second year in a row, four students from the **Critical Issues Forum** were invited to present their work at the Forum of Youth Communicators for a World without Nuclear Weapons, organized by the Japanese Ministry of Foreign Affairs on November 26, 2017.

The forum kicked off a week of high-level nuclear disarmament-related meetings organized by the United Nations.



Youth Communicators in front of Cenotapho for A-bomb victims at the Hiroshima Peace Park

[Read more .](#)

## Jonathan B. Tucker CBW Symposium

On December 13, the CNS Washington, DC, office hosted a day-long symposium, in conjunction with the National Defense University's Center for the Study on Weapons of Mass Destruction, on the newest challenges to combat the spread and use of chemical and biological weapons.

Topics included the Future of the Organisation for the Prohibition of Chemical Weapons; Japan's Germ Warfare and American Obstruction of Justice at the Tokyo Trial; Horsepox and Its Implications for National Security; and Rhodesia's Chemical and Biological Weapons Programs.



Jonathan B. Tucker (1954-2011)

The symposium is named after Jonathan B. Tucker, one of the world's leading CBW experts who led CNS's CBW Nonproliferation Program for fifteen years.



*From all of us at the James Martin Center for Nonproliferation Studies, we wish you the happiest of holidays and all the best for the new year.*

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