



CNS BRIEF

GLOBAL NETWORK OF NONPROLIFERATION SPECIALISTS
INFORMATION NEWSLETTER

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CNS Brief

Editor:

Margarita Sevcik

Associate Editor:

Lisa Donohoe Luscombe

Contact Information:

James Martin Center
for Nonproliferation Studies
Monterey Institute
of International Studies
*A Graduate School of Middlebury
College*

460 Pierce Street

Monterey, CA

Tel: 1-831-647-6540

Fax: 1-831-647-3519

E-mail: msevcik@miis.edu

URL <http://cns.miis.edu/>

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FROM THE EDITOR

Welcome to the spring'14 issue of *CNS Brief*. The purpose of this newsletter is to provide a forum for news sharing and information exchange between CNS training program alumni and other nonproliferation experts worldwide, to introduce new members to our expanding network and to inform the international nonproliferation community about various nonproliferation related initiatives and events worldwide.

To better help our global alumni stay connected, we have created the Global Network of Nonproliferation Specialists, a Facebook group that we hope you will join. We now have over 40 members, many of whom are our former visiting fellows. Please join us and use this group as a forum for communication and exchange.

We would also welcome your submissions to our newsletter, including information about you and your organization's activities in the nonproliferation field, your publications, upcoming events, etc.

Sincerely,

Margarita Sevcik

NEWS FROM THE NONPROLIFERATION COMMUNITY IN EURASIA

INTERNATIONAL COMPETITION OF THE NONPROLIFERATION ANALYTICAL ESSAYS

This spring, another round of the international competition of nonproliferation analytical essays is taking place under the theme "Regional Challenges of the Nuclear Nonproliferation Regime: Problems and Perspectives."

Competition organizers include Novosibirsk State Technical University in Russia and Odessa National University in Ukraine with the support by the Swedish Radiation Safety Authority and Center for Nonproliferation Studies. Eligible participants include students, PhD candidates, young scientists and researchers in both technical and social science fields. Essay organizers would welcome papers by international participants. **Essays can be submitted in Russian or English languages to nonproreview@yahoo.com. Essays deadline is May 20, 2014.** Essay winners will have their papers published in the essay collection. Essay winners from Eurasia may receive support for participation in one of the nonproliferation school or conferences, contingent upon funding.

Required format: length of the essay should not exceed 10 pages, typed in Times New Roman, font size 14, with 1.5 spacing. The essay should contain a small summary in English at the beginning of the text with following information: last, first and middle name, place of study or work, and email address.

For additional information about the competition and its requirements please contact Vera Gavrilo, Novosibirsk State Technical University, at gavrilo.nsk@yandex.ru.

EURASIA NONPROLIFERATION GROUPS IN SOCIAL MEDIA

Social media has become a very popular and cost-effective tool in facilitating and promoting networking among nonproliferation and nuclear security experts worldwide. There is a burgeoning number of Facebook groups dealing with arms control, disarmament and nonproliferation issues. These groups include practitioners, scholars, and other professionals and students who are interested in or are already pursuing careers in this field. We would like to bring to your attention two such well-established groups which were formed by Eurasian nonproliferation community. They include Tomsk Non-Proliferation Summer School which unites experts and participants of the summer nonproliferation schools held annually in Tomsk (Russia) and U!Nonproliferate which covers nonproliferation issues in Urals, Eurasia and the rest of the world. Both are closed groups with the membership of 89 and 116 members respectively. One can join either group by invitation. Many members of both groups are former CNS visiting fellows and partners from Russia, Kazakhstan, Sweden, Ukraine, United States, and other countries. They include university faculty and students, researchers and government officials. Both groups operate in English and Russian languages.

WHO'S WHO IN THE GLOBAL NONPROLIFERATION COMMUNITY

LATIN AMERICAN PROJECT FOR NUCLEAR AFFAIRS – PLAN

Rosario University in Bogota, Columbia, through the Observatory of Illicit Drugs and Weapons, along with the Ministry of Foreign Affairs of Norway, has advanced

since 2011 the Latin American Project for Nuclear Affairs – PLAN (its acronym in Spanish). This project aims to make an ongoing analysis of the issues related to the peaceful uses of atomic energy and nuclear security threats from the Latin American regional context.

Traditionally, Latin America has not been directly involved in global nuclear issues. The Treaty of Tlatelolco, which includes 33 states of the region, was consolidated as a pioneer structure that established the first Nuclear Free Zone in the world, thus becoming a model that inspired four similar treaties in Africa, Central Asia, Southeast Asia and the South Pacific.

However, in the post-Cold War, there has been a general trend towards a marked dispersion of threats, which in the past have essentially been localized in powerful states. PLAN is aware of these new realities and its own importance to the social, political, economic sphere, and above all its power to impact hemispheric and global security. In that sense, the research from the academy in these issues is pertinent.

Therefore, PLAN has established the following research topics that are of great interest to both the private and public sector:



- Nuclear proliferation and terrorism
- Energy, medicine, agriculture and other peaceful uses of nuclear technology
- Nuclear weapon-free zones and challenges for the regional agenda of nuclear disarmament.

This project is currently funded jointly by the University of Rosario and the Section for Disarmament and Non-Proliferation of the Ministry of Foreign Affairs of Norway. It has set the following objectives and scope:

Main objective

Raise awareness among the national academic community about the importance of studying nuclear issues in the Latin American regional context.

Specific Objectives

1. *Training of researchers in the study of nuclear issues.*

The objective of this component is to assimilate the knowledge developed in other countries whose experience and background in the study of nuclear issues are greater than in Colombia. In this sense, cooperation has been established with regional institutions involved in the study of these issues, as is the NPS Global Foundation.

This component requires bringing international experts in the field who are actively involved in research programs. It is also important to involve researchers in discussion forums, and in training courses and short seminars related to the study of nuclear issues performed abroad.

To that end, PLAN contacted CNS with a request to send an expert. As a result, Gaukhar Mukhatzhanova, Senior Research Associate at CNS led a discussion forum in November titled, "The Future of the Nuclear Nonproliferation Treaty and the 2015 Review Conference."

Gaukhar also gave an introductory short course on nonproliferation, sharing her experience and knowledge with the members of the project and students of the Faculty of Political Science and International Relations of Rosario University. The short course included the following lectures: Treaty on the Non-Proliferation of Nuclear Weapons: Provisions, Review Process and Status; Iran's Nuclear Program; Nuclear-Weapon-Free Zones: Concept, Existing Zones, Provisions and Prospects for New Zones (Middle East); and Nuclear Disarmament: Multilateral Machinery, Challenges and New Initiatives.

2. *Transfer of knowledge about nuclear issues in Latin America.*

The objective of this component is to generate ongoing opportunities to consolidate and disseminate knowledge gained. A discussion is held annually which outlines the results of research and serves as a space for debate among the national and international academic community. An academic publication presents the results of research and promotes ongoing study of issues related to proliferation and nuclear disarmament in Colombia.

3. *Explain and promote the benefits and importance of nuclear non-proliferation, the peaceful uses of atomic energy and nuclear security in Latin America.*

The objective of this component is to carry out a national campaign to sensitize the national community, including academic and governmental agencies involved in the decision making process relating to defense, national security, and energy security. This campaign targets members of the national energy sector as well as the defense and security sector to contribute to the decision making process and the formulation of public policies related to the creation of a nuclear safety culture.

In this sense, the Observatory has opened channels of dialogue with the institutions involved in this issue, such as the Ministry of Mines and Energy, the National Geological Service, the National Army, the National Nuclear Security Center of Criminal Investigation and INTERPOL of the National Police of Colombia, among others.

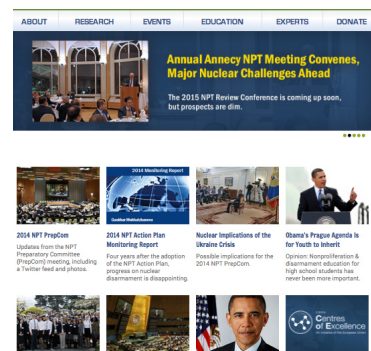
For more information, contact PLAN coordinator Luisa Varges, wiza41@hotmail.com

CNS NEWS

CNS Launches New Website

With great pleasure CNS announces its new website. The new URL for the new site is www.nonproliferation.org.

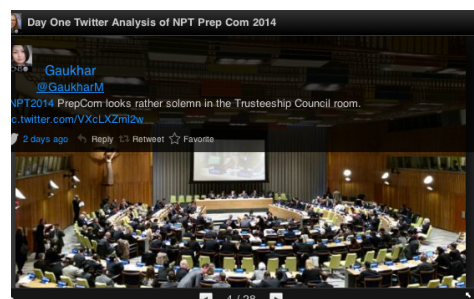
CNS has updated all new items, events, publications and such to the new webpage. The new design promises to be more user friendly, and to allow more immediate updates to program and events.



CNS Live Tweeting the 2014 NPT PrepCom

CNS is live-tweeting the 2014 NPT PrepCom and storing the tweets from CNS staff on its website.

In addition to providing real-time insights into the proceedings, CNS staff hopes to analyze the data to show how tweeters interact with each other, their gender, language, location breakdown, sentiments, etc. The live feed is being stored on the website with highlights. One research question CNS staff hopes to investigate is whether the topics in the tweets predict or correlate with the final document and NPT decisions and activities over time.



CNS Spring'14 Visiting Fellows

This semester (January – May), CNS is hosting four visiting fellows in its intensive nonproliferation training program. The Spring '14 program includes a fellow from Kazakhstan and three Pakistani participants whose participation became possible through CNS collaboration with CRDF Global.



CNS spring 2014 visiting fellows, with Avner Cohen, center.

Spring 2014 participants include:

Mr. Iqtidar Khan, School of Science and Engineering, Lahore University of Management Sciences, Lahore, Pakistan

Mr. Sameer Ali Khan, Assistant Director/International Relations Analyst, Arms Control and Disarmament Affairs Directorate, Strategic Plans Division, Chaklala Garrison, Rawalpindi, Pakistan

Ms. Sadia Tasleem, Lecturer, Department of Defense & Strategic Studies, Quaid-i-Azam University, Islamabad, Pakistan

Mr. Zhanibek Yessimbekov, Scientific Researcher, Scientific Center of Radioecological Research, PhD Student, Shakarim Semey State University, Semey, Kazakhstan

2014 CRITICAL ISSUES FORUM (CIF)

Every year, the CIF project provides opportunities for high school students to address one of the world's most pressing problems. This year, the CIF project challenged participants to study the relationship between regional security and international nuclear nonproliferation and disarmament issues. Students identified nuclear nonproliferation and disarmament challenges, evaluated what progress has been made, and envisaged what must be done to make further progress in both areas.

The spring conference is the culmination of the semester-long CIF project that begins with a teacher training workshop. This academic year's teacher workshop was held in December 2013 using an online conference tool. For the spring conference, all the CIF students completed mini-project 1 and prepared for the spring conference presentations under the guidance of CIF teachers.

In April, students arrived from five US high schools: (California, Connecticut, Maine, Massachusetts, and Wisconsin), four Russian high schools in closed nuclear cities (Lesnoy, Novouralsk, Ozersk and Zelenogorsk), and six Japanese schools from Hiroshima, Nagasaki, Kanagawa and Tokyo presented their findings on the topic "Nuclear Nonproliferation: Global Opportunities and Regional Challenges."



Students and teachers from Japan and Russia joined their peers from the US at the 2014 spring conference of the Critical Issues Forum – a nonproliferation and disarmament educational outreach project for high school students – convened by the James Martin Center for Nonproliferation Studies on April 4th and 5th at Santa Catalina School in Monterey.

Last year, CIF started engaging Japanese students in Hiroshima and Nagasaki, the two cities devastated by atomic bombs in August 1945. This year, Japanese participation expanded to Tokyo and Kanagawa, in the eastern part of Japan. Professor Nobumasa Akiyama of Hitotsubashi University, who is one of the leading experts in the field of nonproliferation and disarmament in Japan, joined the CIF conference as a chair of the CIF-Japan steering committee. In addition, one of the high school students from Hiroshima has been appointed as a "Youth Special Communicator for a World without Nuclear Weapons" as part of a project launched by the Japanese government last year to convey the importance of nuclear disarmament to the world.

The CIF conference also welcomed Norwegian Consul General in San Francisco Hilde Janne Skorpen as a keynote speaker. She spoke about the Humanitarian Impact of the Use of Nuclear Weapons. This issue has been drawing increasingly attention recently, and many CIF students also mentioned this issue in their presentations. Norway is one of the leading countries in this field and hosted the first conference on humanitarian impact of nuclear weapons in Oslo, in March 2013. As a closing keynote address, Professor Nobumasa Akiyama encouraged all the students to be innovative and creative in thinking about a world free of nuclear weapons.

This year's CIF program was funded by the United States-Japan Foundation, a New York-based organization supporting activities to deepen friendship and understanding between Americans and Japanese, and the Tokyo Club, Japan's oldest and most prestigious gentlemen's club. The CIF program also receives support from the Chapman Foundation for students in Monterey. Find more information about the CIF program and view this short video.

For more information, visit the conference site at <http://sites.mii.edu/criticalissuesforum/2014/04/16/2014-spring-student-conference/>

CNS TESTS NEW ONLINE COURSE ON EXPORT CONTROLS AND WMD

CNS has launched the initial Beta-version of its first online course, “Global Trade and Weapons of Mass Destruction.” The course, taught by CNS Senior Associate Ms. Stephanie Lieggi and the Director of the Export Control Nonproliferation Program at CNS, Mr. Robert Shaw, is a six week set of lectures and video case studies supported by online quizzes, weekly exercises, and interactive discussion rooms. The subject matter will enable “students” to better understand the process by which sensitive nuclear materials are transferred among states and the various means that states and companies can use to ensure that dual-use technologies and materials are not used in the production of weapons of mass destruction.



After beta testing is complete, CNS will modify the course and make it available free of charge to a wider public audience in late spring. The course is one of the many ways CNS is working to share its expertise with a wider audience, and is likely to become a wider part of CNS’ mission train and educate the next generation of nonproliferation practitioners.

Subjects covered in the course include:

- WMD Definitions
- International Nonproliferation Regimes
- Role of Dual-Use Materials
- International Control Regimes and Supplier Groups
- Case Studies of Illicit Procurement Networks
- Domestic Controls of Sensitive Materials
- UN Security Council Resolution 1540
- Financial Sanctions
- Export Control Reform
- Private Sector Internal Compliance Programs and Industry Awareness
- Impact of Emerging Technologies on Existing Export Control Regimes

Anyone interested in taking the class once it is formally launched should sign up for the CNS email newsletter or contact us by e-mail: slieggi@miis.edu.