




Welcome Vols!

 @nuclear_journal

Edited by Rachel Brooks & Ashley Humphrey

Did you know the University of Tennessee publishes a peer-reviewed academic journal that focuses on research and policies related to nuclear security?

The *International Journal of Nuclear Security* was launched in 2015 to fill the need for an open, international, scholarly discussion about nuclear security issues and insights among scholars, students, practitioners, and experts from academia, government, industry, and the private sector—as well as from the intelligence, military, and law enforcement communities.

Looking Forward to IJNS Special Issues

By Ashley Humphrey
Associate Editor and Editorial Liaison

Spring of 2019 was a season of fresh ideas and initiatives for the *International Journal of Nuclear Security*. With the growth of the working group and cohort of assistant editors, IJNS is now in full motion and moving forward with two special issues due for release in 2020. First, Stephen Ray, Associate Editor & Editorial Liaison, *IJNS* Special Issue on INSEN (International Nuclear Security Education Network) is leading a celebratory issue in honor of INSEN's ten-year anniversary. INSEN is a collaborative effort to promote sustainable global nuclear security education. Next, Ashley Humphrey, Associate Editor & Editorial Liaison, *IJNS* Special Issue on Women in Nuclear Security, is working with guest editors to feature an issue devoted to the work of women in the nuclear profession. *IJNS* is excited to feature both special issues and eager to grow the international relationships required to facilitate discourse and awareness in the field of nuclear security.

OVERVIEW:

- Happening this Month
- Special Issues
- A Note from Dr. Hirst, Managing Editor of IJNS
- Where in the WORLD is Arjun?

This newsletter is designed to keep students, staff, and journal supporters up-to-date on how the journal is impacting global efforts to encourage diversity in theoretical foundations, research methods, and approaches.

HAPPENING THIS MONTH:

- Oct. 7-11: IAEA International Conference on Climate Change and the Role of Nuclear Power; Vienna, Austria
- Oct. 8-9: WINS ISSPA Workshop: Security of Disused Radioactive Sources; Vienna, Austria
- Oct. 16-17: PONI Fall Conference; Kings Bay, GA, USA
- Oct. 23: WINS Workshop on Security of Radioactive Sources Used in Industrial Radiography and Well-Logging Applications; Mexico City, Mexico

A Note From Dr. Hirst, Managing Editor

By Dr. Russell Hirst

I'm Dr. Russ Hirst, associate professor of English here at UTK, where I teach scientific and technical communication. In 2015 I helped launch a new journal, the *International Journal of Nuclear Security*, and I serve as the journal's managing editor. *IJNS* is an open-source, scholarly, multidisciplinary journal. It publishes material from around the world being produced by scholars in multiple fields related to nuclear security and safety. All submissions are reviewed by experts in the authors' field(s) and then edited by language experts: students in the UTK Department of English. Like most international journals publishing about science, technology, and related international policy, *IJNS* publishes in the international lingua franca: English.

Since this is not the first language of most contributors to the journal, many submissions require significant editing. This engages my students in the journal's mission of helping keep the world safe from nuclear aggression and accident, and of supporting the peaceful uses of nuclear science and technology. Even though we are not subject matter experts in the science, technology, or policy of nuclear security, we are expert word crafters. The other experts are grateful for our help.



This semester, UTK English has launched a new, senior-level course (English 461) called Global Communication for Science & Technology. When I teach the course, as I'm doing this year, we'll focus on nuclear security and edit documents being drafted by clients from around the world. On alternate years, my colleague Dr. Sean Morey will teach the course; his focus is environmental rhetoric. Nuclear war/terrorism and global environmental disaster are twin spectres stalking humanity. The Doomsday Clock of the Bulletin of the Atomic Scientists, which takes into account both factors, now stands at 2 minutes until midnight—the closest register of humanity's danger since the Soviets tested their first thermonuclear device in the early years of the cold war. Like others here at UTK and around the world, my students and I are doing our part to help push back the minute hand of that terrifying clock.

Where in the WORLD is Arjun?

By Arjun Banerjee

I recently participated in the 6-week Korea Advanced Institute of Science and Technology - Nuclear Non-proliferation Education and Research Center (KAIST-NEREC) Summer Fellows Program 2019, which combines both policy and technical education in nuclear security and non-proliferation-related issues. Twenty-seven graduate and undergraduate students were chosen from 14 countries and top schools.

Fellows visited top think tanks, universities, government agencies, nuclear power plants, radioactive waste disposal sites, and other heavy industries in multiple cities in the Republic of Korea, China, and Japan. The program attracted leading professors in the field, including Dr. Scott Sagan (Stanford University, CISAC, speaking in the picture) and Dr. Steve Miller (Harvard University, *International Security*, sitting on Dr. Sagan's right).

