

## NEREC Graduate Fellows Program

Nuclear Nonproliferation Education and Research Center (NEREC), KAIST

**Purpose:** To train and nurture next generation international leaders in nuclear nonproliferation

**Eligibility:** Graduate Students in good academic standing at a major college/university

**Period:** July 4 – August 12 (6 weeks)

**Location:** KAIST, Daejeon, South Korea

**Program** (conducted in English):

- Group research work with international peer students with diverse background on selected topics of nuclear nonproliferation
- Participation and poster presentation at NEREC Conference on Nuclear Nonproliferation
- Class participation in ‘Nuclear Risk Management’ by Prof. Man-Sung Yim of KAIST
- Field trips to Seoul, Gyeongju, and China and Japan
  - \*Seoul - Governmental institutions and policy research institutes including the Blue House, National Assembly, Ministry of Foreign Affairs, etc. and tour of DMZ area
  - \*Gyeongju - Major nuclear facilities and research institutes in Daejeon, Gyeongju and Changwon including Korea Atomic Energy Research Institute, Korea Institute of Nuclear Nonproliferation and Control, Wolsong Nuclear power plant, Doosan Heavy Industry, etc.
  - \*China and Japan: Major universities and their nuclear research labs, government agencies, think-tanks and nuclear facilities
- Korean cultural events

**Credits:** Students from KAIST can get three credits by successfully completing the program above. The other students can get a letter from the Director of NEREC telling that he/she is qualified to get three credit from his/her university. (※Note that the letter is unofficial.)

**Benefits:** NEREC covers lodging for non-resident students for 6 weeks, and all costs related to field trips, cultural events and conference participation. The benefits amount to approximately \$6,000.

**Application:** Complete and submit (via email) your application form, academic transcripts (a copy of an official one or computer printout is acceptable), and names/contact info for two references (including your academic advisor) to [nerec@kaist.ac.kr](mailto:nerec@kaist.ac.kr)

### Selection Process

<b>Application Deadline</b>	<b>March 25</b>	The application must be submitted online.
<b>Evaluation</b>	<b>March 28 to 31</b>	Skype interview may be included.
<b>Decision Notification</b>	<b>April 1</b>	by email
<b>Confirmation by Student</b>	<b>April 15</b>	by email

**Contact Info:** Inquiries regarding the application, please contact the NEREC office by email: [nerec@kaist.ac.kr](mailto:nerec@kaist.ac.kr)

**Homepage:** For more information on the NEREC Summer Fellows Program, please visit the website at:

[nerec.kaist.ac.kr](http://nerec.kaist.ac.kr)

### **Preliminary Program for NEREC Graduate Fellows**

	Monday	Tuesday	Wednesday	Thursday	Friday
<b>W1</b> (4-8, July)	Class* (1)	Class (2)	Class (3)	Class (4)	Class (5)
<b>W2</b> (11-15, July)	Class (6)	Class (7)	Class (8)	Field Trip (1) - Seoul	
<b>W3</b> (18-22, July)	Research		Field Trip (2) - Gyeongju		
<b>W4</b> (25-29, July)	Research				
<b>W5</b> (1-5, Aug)	Research (Poster Presentation Preparation)			NEREC Conference on Nuclear Nonproliferation** (Seoul)	
<b>W6</b> (6-12, Aug)	Field Trip (3) - Beijing > Shanghai > Mito (Tokai) > Nagasaki				

\*Class: Lecture of Nuclear Risk Management

\*\*This year the Conference will cover themes as follows: (1) Nuclear Nonproliferation Challenges in 2016, (2) Nonproliferation Practices for Nuclear Suppliers in the International Cooperation, (3) Nexus of Technology and Policy in Nuclear Nonproliferation

## **Nuclear Nonproliferation Education and Research Center (NEREC), KAIST**

As Korea's sole university organization on nonproliferation research and training, KAIST NEREC is an academic think tank to undertake education and research to foster international nuclear non-proliferation conducive to peaceful use of nuclear technology. The Center has three objectives: (1) to train and nurture non-proliferation human resources, (2) to conduct non-proliferation policy research combining technical expertise and policy insights, and (3) to engage in discussions on the peaceful use of nuclear technology and various aspects of nuclear non-proliferation.

### **NEREC Faculty**

**Dr. Man-Sung Yim** is Professor and Head of the Department of Nuclear and Quantum Engineering and Director of Nuclear Nonproliferation Education and Research Center at Korea Advanced Institute of Science and Technology (KAIST). Previously, he taught at North Carolina State University and at MIT. Dr. Yim is a member of Advisory Committee of Korean Ministry of Foreign Affairs, Editorial Advisory Board of the Journal, Progress in Nuclear Energy and International Journal of nuclear Security Editorial Board member. His research areas are nuclear fuel cycle, nuclear waste management, nuclear safety, and nuclear nonproliferation. Dr. Yim is a graduate of Seoul National University (BS/MS), University of Cincinnati (PhD), and Harvard University (SM/ScD).

**Dr. Bong-Geun Jun** is Professor at the Korea National Diplomatic Academy. Previously, he was a policy advisor to the Ministry of Unification, visiting scholar at Keio University, secretary to the President for international affairs at the Presidential Office, and a professional staffer at Asia Foundation Center for US-Korea Policy. His research areas include the North Korean nuclear issue, inter-Korean relations, non-proliferation, nuclear security, and nuclear energy policies. He received BA and MA from Seoul National University and his PhD in political science from the University of Oregon.

**Dr. Sang-Hyun Lee** is senior research fellow at the Sejong Institute, and President of Korea Nuclear Policy Society. He recently served as Director General of Policy Planning at the Ministry of Foreign Affairs, ROK. His research areas include international politics and security, ROK-US relations, inter-Korean relations and security in the East Asia. He received his B.A. from Seoul National University and Ph.D. in Political Science from University of Illinois(Urbana-Champaign).

**Dr. So Young Kim** is Associate Professor of Graduate School of Science and Technology Policy at KAIST. Before coming to KAIST, she worked as a data archivist for the Social Computing Center at the University of Chicago and as an assistant professor of political science at Florida Atlantic University. Prof. Kim's research areas include science and technology policy, international political economy, and quantitative methodologies in social science. Prof. Kim has served several governmental committees including National S&T Vision Committee and Advisory Committee for the 5-Year S&T Workforce Master Plan. She graduated from Seoul National University and received PhD from Northwestern University with the support of Fulbright Scholarship.

**Dr. Hyeon Seok Park** is Assistant Professor of Humanities and Social Sciences at KAIST. His research areas include Comparative Politics, International Relations, and Political Economy. He received B.A. and M.A. in political science from Seoul National University and PhD from University of Iowa as Fulbright grantee.