

KAIST NEREC 연구장학생 기수별 연구 주제

□ 2016 NEREC 리서치펠로우 1기 (4명)

이름	소속	전공	연구 주제	연구 멘토
조은정	서울대 국제문제 연구소	Politics and Int'l relations	Does Nuclear Co-operation Foster Nuclear Proliferation?	KAIST 임만성 교수
홍정제	서울대학교	외교학	Determinants of Foreign Nuclear Withdrawals"	KAIST 김 소 영 교수
Shyma nska Alina	경희대 평화복지 대학원	국제정치학	Double Standard of Nuclear Nonproliferation and Democratic Peace	KAIST 박현석 교수
김은지	서울대학교	외교학	Factors that Differentiate Nuclear Technology Control on Iran and Japan	세종연구원 이상현 본부장

□ 2017 NEREC 리서치펠로우 2기 (5명)

이름	소속	전공	연구 주제	연구멘토
김솔아	서울대학교	정치학	Deliberative Democracy on Nuclear Energy Policy : Shin Kori Public Debate Committee	KAIST 임만성 교수
문영란	서울대학교	외교학	Balancing Strategies of Rivalry States against Nuclear-Weapon States	KAIST 최성열 교수
이동준	KONICOF	공공정책	Back to Reality : Fate of Multilateral Approaches to Back-end Nuclear Fuel Cycle in a World of Realists and Nationalists	KAIST 김소영 교수
이재원	서울대학교	국제학	Issues and Challenges of Nuclear Cooperation between South Korea and Saudi Arabia	국립외교원 전봉근 교수
이진원	국립외교원	국제평화 안보	Evaluating the Effectiveness of Nuclear Suppliers' Group: A functionalists Perspective on the Regime	세종연구원 이상현 본부장

□ 2018 NEREC 리서치펠로우 3기 (6명)

이름	소속	전공	연구 주제	연구멘토
김민정	연세대학교 국제학대학원	국제학	Will Revisionist States Give Up Their Bomb? A Quantitative Analysis of the Revisionist Experience and Nuclear Proliferation Decision	KAIST 임만성 교수
김진원	국방대학교 안전보장대학원	안보정책	The Dynamic of Nuclear Proliferation in Second Nuclear Age : Interactions of De-colonization Experience and Division of Territory	KAIST 최성열 교수
윤혜령	고려대학교 국제대학원	국제학	Washington's Adjustment in the Global Nuclear Strategy in the Early 1990s and Pyongyang's Survival Strategy	KAIST 김소영 교수
전수정	고려대학교 국제대학원	국제학과	Possibility of NWFZ in North East Asia	국립외교원 전봉근 교수
정유진	한양대학교	국제정치학	Cyber Security for Nuclear Facilities and the Future of International Security	세종연구원 이상현 본부장
정현아	서울대학교 정치외교학부	외교학	A Study of the U.S. Nuclear Cooperation Agreement after India's Nuclear Test: Focusing on Analysis of the NPAS (Nuclear Proliferation Assessment Statement)	원자력연구원 이광석 부장

□ 2019 NEREC 리서치펠로우 4기 (5명)

이름	소속	전공	연구 주제	연구멘토
김민승	서울대학교 국제대학원	국제협력	The Dilemma of US Nuclear Export Controls: Assessing US-ROK Strategic Partnership	원자력연구원 이광석 부장
손상용	서울대학교 정치외교학부	외교학	Elite-Public Information Asymmetry, Contrary Information, Preference Reversal and Nuclear Development	KAIST 임만성 교수
이화준	연세대학교	정치학	The Norms of International Society and Nuclear Proliferation: Focusing on the Model of Norm Proliferation and the Efficacy of Sanctions	세종연구원 이상현 본부장
정한솔	서울대학교 국제대학원	국제통상	An Assessment of the State-Run Derivatives in Key Industry Export Packages	KAIST 박현석 교수

김지선	서울대학교	원자핵공학	A Study on Roadmap for North Korea's Denuclearization	국립외교원 전봉근 교수
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□ 2020 NEREC 리서치펠로우 5기 (4명)

이름	소속	전공	연구 주제	연구멘토
변상민	서울대학교	에너지 시스템 공학과	한반도 핵 위협 완화를 위한 위기관리 모델 및 매뉴얼	원자력 연구원 이광석 본부장
정다운	서울대학교	외교학	북한의 사실상 핵보유국 지위 인정 의 딜레마: 핵군축적 접근법의 유효 성 검토	세종 연구원 이상현 박사
평지 후안	서울대학교	외교학	전략물자 식별하여 북한-중국 무역 분석	KAIST 박현석 교수
우예슬	King's College London	War Studies	Freezing the Bomb: Socializing the DPRK into the International Nonproliferation Regime	KAIST 임만성 교수 최성열 교수

NEREC Faculty

Dr. Man-Sung Yim is Professor of the Department of Nuclear and Quantum Engineering, Associate Vice President of International Office, 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 formerly a Fulbright grantee, a member of North Carolina Science Advisory Board on Air Toxics Emissions, Nuclear Nonproliferation External Steering Committee of Idaho National Laboratory, Korean Nuclear Safety and Security Commission Advisory Board, and Advisory Committee for Korean Ministry of Foreign Affairs. He is currently a member of the Scientific Program Committee of CTBTO and serves as Associate Editor (Asia) of *Nuclear Technology* for American Nuclear Society, an editor of *Journal for Peace and Nuclear Disarmament*, and a member of Editorial Advisory Board of *Progress in Nuclear Energy* and *International Journal of Nuclear Security*. 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. So Young Kim is Professor of Graduate School of Science and Technology Policy and Director, Policy Center for 4th Industrial Revolution, KAIST. She also chairs the national committee on spent fuel policy (Ministry of Industry, Trade and Economy). Prof. Kim has served numerous other governmental committees including Advisory Committee for Fiscal Policy (Ministry of Economy and Finance), National S&T Vision Committee, National R&D Program Evaluation Committee, Advisory Committee for the Science & Engineering Workforce Five-Year Plan, (all under the Ministry of Science and ICT), and the Committee for Gender Equality in University Faculty Recruitment (Ministry of Gender Equality and Family). Prof. Kim sits on the World Economic Forum's Global Future Council on Technology, Values, and Public Policy as well as on the Expert Panel for the Public Understanding of Risk Institute of the National University of Singapore. 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, R&D policy, international political economy, and quantitative methodologies in social science. 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. He currently serves as Deputy Director of NEREC. 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.

Dr. Sungyeol Choi is Assistant Professor of the Department of Nuclear and Quantum Engineering and Deputy Director of Nuclear Nonproliferation Education and Research Center at Korea Advanced Institute of Science and Technology (KAIST). He was a senior researcher at Division of Nuclear Fuel Cycle Technology Development, Korea Atomic Energy Research Institute. From 2010 to 2012, he was a research fellow at Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University. He earned Ph.D. in Nuclear Engineering in 2012 and B.S. in Nuclear Engineering (summa cum laude) in 2008 from Seoul National University. In 2008, he authored *Lessons Learned from the Development of the Korean Nuclear Power Programme* for the IAEA. He has published several peer-reviewed articles related to molten-salt pyroprocessing, fast reactors, nuclear waste disposal, nuclear nonproliferation, and nuclear fuel cycle system analysis.

Dr. Sang-Hyun Lee is Vice President of Research Planning Division 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. Bong Geun Jun is a professor and director-general of the Department of National Security and Unification Studies at the Korea National Diplomatic Academy. Previously, he was a policy advisor to the Minister of Unification, visiting scholar at Keio University, secretary to the president for international affairs at the Presidential Office, and a professional staffer at the Asia Foundation's Center for U.S.-Korea Policy. His research areas include the North Korean nuclear issue, inter-Korean relations, non-proliferation, nuclear security, and nuclear energy policies. He received his B.A. and M.A. from Seoul National University and his Ph.D. in political science from the University of Oregon.

Dr. Kwang Seok Lee has over 25 years of experiences in policy issues surrounding the use of nuclear technology. He recently served as Director of Policy Analysis at Korea Atomic Energy Research Institute. He graduates from Seoul National University (BS) and Virginia Tech (PhD).