

KAIST NEREC for developing human capital for global nuclear nonproliferation

While the global community continues much efforts to reduce the threat of nuclear weapons, nuclear proliferation remains one of the top international security concerns. Given various challenges in nuclear nonproliferation, KAIST started a new human capital development program in 2014 called, NEREC (Nuclear Nonproliferation Education and Research Center) Summer Fellows Program in collaboration with world-class nuclear nonproliferation experts. So far the program has produced 123 alumni students from 30 countries and 54 Universities in the world. The program aims at developing nuclear nonproliferation specialists in key regions and countries of strategic importance. The program is an intensive 6-week training course including lectures, seminars, group discussions, research work, field trips, participation in an international conference, and various activities for professional networking and development. The multicultural mixture of the students strengthens our collective ability to see issues from rich diverse perspectives and appreciate different cultures. Engineers work together with social scientists experiencing synergistic learning in their problems solving while integrating science, technology and policy. By raising people who can responsibly guard the technology with meaningful knowledge and connections with the global community, we may have better opportunities to deal with future global nuclear challenges.

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