

Numerous engineering students have received Boren Fellowships, studying languages, interning at various non-governmental organizations, taking relevant coursework, and researching engineering-related issues in Africa, Asia, Central & Eastern Europe, Eurasia, Latin America, and the Middle East. Here are examples of what engineering students have done overseas with the Boren Fellowship:

- Attended Middle Eastern Technical University in Turkey, while studying with an expert on assessing seismic structural vulnerability and conducting research on low-cost earthquake resistant structures
- Designed and developed personal digital assistants for use by rural community health workers and evaluated their impact using a small-scale intervention trial in partnership with the Mongolian University of Science and Technology
- Enrolled in engineering, cross-cultural communication, and Arabic courses at the American University of Cairo in Egypt
- Interned with the water and sanitation division of UNICEF in Kenya, examining various community sanitation programs to judge their effectiveness, developing educational material on water and sanitation projects, and working on a project to bring 10,000 toilets and water systems to children in local schools
- Completed coursework and research at the Tokyo Institute of Technology in Japan, collaborating with professors on the mechanical properties of nano-particles and pseudo-elastic materials
- Collaborated with local officials in Tajikistan to determine the effectiveness of water agencies in both urban and rural Tajikistan, assessing their ability to maintain sustainable water systems and provide reliable, safe domestic water to their constituencies

Examples of Service

Boren Fellows in engineering have fulfilled their service in a variety of federal positions including:

- A structural engineer doing research on a project funded by the Department of Defense to determine the effect of aging on the performance of munitions storage structures
- A water resources engineering manager for the U.S. Agency for International Development who participated in the planning, development, and implementation of infrastructure projects in Gaza and the West Bank
- An environmental engineer working on a project funded by the Department of Defense to clean up contaminated soil and groundwater at the former Twin Cities Army Ammunition plant near Minneapolis, Minnesota