The Kostas Research Institute for Homeland Security is located on Northeastern’s Innovation Campus in Burlington, Massachusetts. The mission of the George J. Kostas Research Institute for Homeland Security is to advance resilience in the face of 21st Century risks. The institute will foster collaborative, use-inspired research aimed at expanding the capacity of communities, critical systems, and infrastructure to withstand, respond to, and recover from manmade and natural catastrophes². KRI acts as a private convening venue for researchers, industry practitioners, and government agencies so that faculty, industry, and students are all able to come together and solve security, intelligence, and resilience needs.

KRI Expertise and Facilities
- Materials and Devices
- Structural Testing
- Additive Manufacturing
- Cybersecurity
- Nanomanufacturing
- Data Analytics
- Systems Modeling
- Network Science
- Conference location

Daily Student Role
- Assist KRI’s industrial security team
  - Assistant Facility Security Officer (AFSO)
  - Information Systems Security Officer (ISSO)
  - Facility Security Officer (FSO)
- Attend weekly company staff meetings
- Accompany the industrial security team around the facility for site visits requiring access to closed spaces
- Print and test security badges for access around the facility
- Fingerprint individuals undergoing security clearance investigations for the governments Joint Personnel Adjudications System (JPAS)
- Ensure all JPAS paperwork is properly filled out for submission
- Confirm Department of Defense (DoD) grade locks are properly closed at the end of the day
- Reset the site camera monitoring system

Specific Tasks & On-going Projects
- Center for Development of Security Excellence (CODE) Security Training, Education, and Professionalization Portal (STEPPI) training courses and certifications
  - industrial security basics
  - information security
  - cybersecurity awareness
- National Industrial Security Program (NISP)
- Physical security
- Conferences on Controlled Unclassified Information (CUI) and Covid and the Insider Threat
- Cybersecurity Maturity Model Certification (CMMC)
- NISP annual site self-inspection checklist
- Inventory of DoD protected holdings
- KRI assessment for the interim Defense Federal Acquisition Regulation Supplement (DFARS) CUI clause
- Collaboration with the Hanscom Air Force base counter small USA team
- Set up a secure vIPer phone for use on site

Development and Skills
- Discretion in working with protected information
- DoD procedures on handling, storing, and protecting sensitive information
- Heightened sense of online presence as work transitions to a cyber setting
- Exposure to government agencies and defense contractors in the field

CSSH and Course Integration
- Education and research specific to homeland security interests first hand
- POLS 7341 Security and Resilience Policy: Preparing for, adapting to, and learning from disasters as referenced by Jennie Stephens in response to climate resilience²
- INSH 6300 Research Methods in Social Sciences: Saw first hand the purposes of social research (description, exploration, explanation, evaluation)³

References
1 Northeastern University Research: Kostas Research Institute at Northeastern University. (n.d.). Retrieved December 01, 2020, from https://research.northeastern.edu/kostas-research-institute-at-northeastern-university/

Source: GAO Report to the Subcommittee on Emerging Threats and Capabilities, Committee on Armed Services, House of Representatives, Protecting Classified Information May 2018

Source: Northeastern.edu/kostas