



# NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

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**NSF Program (either CC or CICI):**

**Program Area: CICI**

**Award Number:**

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**Project Title:** CICI: Regional: New England Cybersecurity  
Operation and Research Center (CORE)



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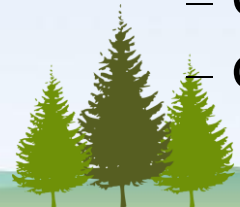


# New England Cybersecurity Operation and Research Center (CORE)

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- Collaboration between University of Massachusetts Lowell (UMass Lowell) and the Office of the President of University of Massachusetts (UMass)
- Partnership including
  - Under-resourced colleges and universities
  - Government and industry partners
  - Advanced Cyber Security Center (ACSC)
  - Boston Consortium for Higher Education
- Functionalities including
  - Cybersecurity education/certification
  - Security consulting/design reviews and assessments
  - Cybersecurity operations/managed security services
  - Cybersecurity research on emerging threats, trends and defense.



# Under-resourced Colleges and Universities

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- Bridgewater State University in Massachusetts (MA)
- Community College of Rhode Island in RI
- Lasell College at Newton in MA
- Bentley University in MA
- Rhode Island School of Design in RI
- And others ...
- **9 in total now**
- We plan to expand our services to many more institutes and companies.



# Example Educations Activities

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- Interns
  - One now working with DOD and has a Top Secret clearance.
  - Two others hired by top tier companies.
  - Diversity: Females and African Americans
- What they do - including
  - Provided customer with logs for a breach.
  - Warned the client of possible viruses.
  - Notified the entities about their user accounts being locked out, disabled, sending malware, failing to authenticate and sending large amounts of suspicious data.



# UMass Controls Factory

