



**Taking Autonomous Vehicles Off-Road with a \$7.5 Million Multidisciplinary University Research Initiative (MURI) Grant:** Professor Yannis Paschalidis leads an international team of experts in developing next-generation autonomous navigation methods on the ground, underwater, and in the air.

[Learn More](#)



**New Tactics in the Fight Against Superbugs:** Through a unique combination of blue lasers and hydrogen peroxide, Professor Ji-Xin Cheng and his team create a novel way to fight off one of the superbugs, MRSA.

[Learn More](#)



**New Algorithms Help Hospitals Predict Patient's Needs:** Professor Yannis Paschalidis and Professor Christos Cassandras develop intelligent algorithms to identify patients who are at risk of heart disease or diabetes.

[Learn More](#)



**Fighting Malware with Targeted Misinformation:** Assistant Professor Manuel Egele receives a \$750,000 grant from the Office of Naval Research (ONR) to develop a malware containment and deception system.

[Learn More](#)



**Navigating Through Hate in the Digital Age:** Assistant Professor Gianluca Stringhini delivers keynote lecture at the *Computational Methods in Online Misbehavior Workshop* and describes how to analyze and track on-line hate raids.

[Learn More](#)

**ECE Team Helps Plug a Hole in Bluetooth Security:** Professor David Starobinski and his students discover a flaw in Bluetooth communication protocol and propose a simple mechanism to prevent hackers from tracking Bluetooth devices.



[Learn More](#)



**Ayse Coskun Selected to Attend the National Academy of Engineering's 2019 Symposium:** Associate Professor Ayse Coskun brings her expertise in designing intelligent computing systems and joins forces with other elite minds to spark new ideas.

[Learn More](#)

**Siddharth Ramachandran Named Vannevar Bush Faculty Fellow by DoD and Fellow by SPIE:** Professor Siddharth Ramachandran is honored by both the Department of Defense (DoD) and the Society for Optics and Photonics (SPIE) for pushing the boundaries in our understanding of the spatial complexity of light.



[Learn More About the SPIE Fellowship](#)

[Learn More About the Vannevar Bush Award](#)

32%

**Women in ECE**

32% of ECE Bachelor's Degrees at BU were awarded to women in 2018/19 compared to the National Average of 14%\*

\*Most recent data from ASEE

8<sup>th</sup>

**Employable Graduates**

ENG grads are ranked #8 in mid-career salary (Payscale).

**Distinguished Faculty**

- 3 National Academy Members
- 3 Current/Former IEEE Society Presidents
- 34 Society Fellows
- 27 NSF, DOE and DOD Early Career Awards
- 32 Average H-Index per Faculty
- 5,400 Average Number of Citations per Faculty
- 54 Tenure-Track Faculty

**RESEARCH FUNDING**

