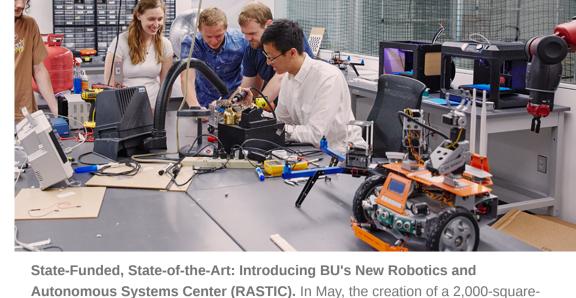


## **ECE 2022 FALL NEWSLETTER**

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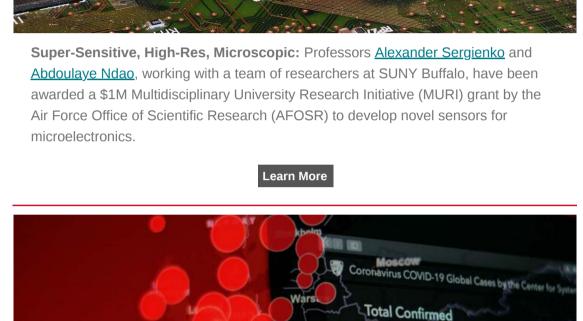
BU. Funded 50-50 by the university and a grant from the Massachusetts Technology Collaborative, a public agency, RASTIC is slated to open in summer 2023. Learn More

foot dedicated R&D space for robotics and autonomous systems was announced at



frequency spectrum with 10x the power density as a test case. **Learn More** 



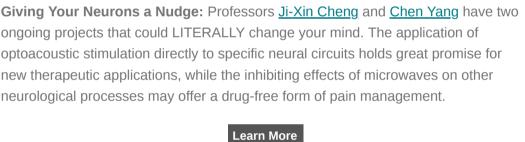


Preventing the Next COVID-19: A multidisciplinary team of BU researchers have come together to predict and prevent future pandemics with the assistance of a \$1M

NSF grant. Professor Ioannis Paschalidis, one of the Primary Investigators on the project, will bring his extensive experience with predictive healthcare models to bear

**Learn More** 

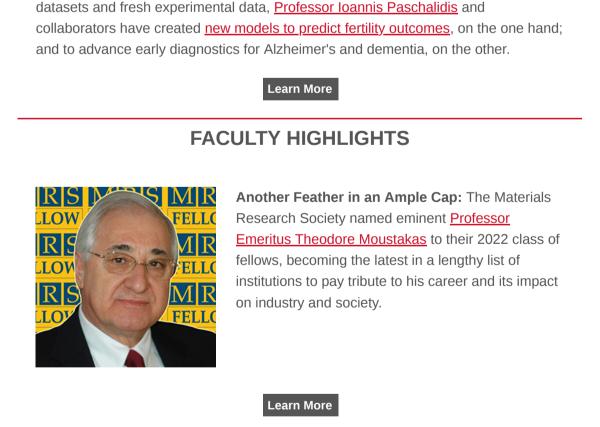
on the problem.



Missed A Turn? There Might Be a Storm in Space. With support from NASA, <u>Professor Toshi Nishimura</u> is leading the most comprehensive study to date on scintillation, an ionospheric phenomenon that interferes with GPS signals. An improved understanding of scintillation will be essential to circumventing its effects on the technology that has become so critical to most people's daily lives. **Learn More** 

Modeling Health from Conception To Old Age: With the help of large medical

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Learn More

ECE Faculty Assume Directorship of Computing Centers: Two key BU research centers driving convergent investigations in intelligent systems and data science are now under the leadership of ECE faculty. **Professor Ioannis Paschalidis** has been appointed director of the Rafik B. Hariri Institute for Computing, while **Professor** Ayse Coskun has taken the helm of the Center for Information & Systems

Ramachandran a Physical Fellow: Distinguished Professor Siddharth Ramachandran has been named a 2022 Fellow of the American Physical Society (APS) for foundational contributions to the study of structured and singular light, and their many

> UNDERGRAD PROGRAM Selectivity See the Impact Report for more!

> > 10 YEARS

**30** NSF, DOE and DOD Early Career Awards **38** Average H-Index per Faculty

**3** Current/Former IEEE Society Presidents

**8,000** Average Number of Citations per Faculty **51** Tenure-Track Faculty

RESEARCH FUNDING





**Upcoming BU ECE Events** 

Program **Among Private Institutions** 

applications.

**45** Society Fellows

\$26M

2022

\$95 M \$45 M \$15 M

\$13M

2012

Taking the Lead Engineering.

**GRADUATE PROGRAMS** 

**Distinguished Faculty** 4 National Academy Members

Program

\$38M