



Tagliatela College of Engineering Makes a National Impact in Cybersecurity

The University of New Haven has received a \$4 million National Science Foundation (NSF) grant — one of the largest federal grants in the University's history — to create Connecticut's first CyberCorps® Scholarship for Service (SFS) program, which will educate the next generation of professionals charged with protecting the nation from cyberattacks.

The SFS program is designed to recruit and train the next generation of cybersecurity professionals to meet the needs of federal, state, local, and tribal government organizations. The program provides scholarships for undergraduate and graduate students studying cybersecurity and computer science. Scholarship recipients will then pursue employment with a government entity in a cybersecurity-related position.

"This grant recognizes the national reputation of our undergraduate and

Meanwhile, undergraduate seniors in the Cyber Operations paths can apply to the highly competitive and rigorous Scholarship for Service program to become undergraduate SFS Scholars. They'll then pursue MS degrees as graduate scholars in computer science, cybersecurity and networks, or data science.

"This is a very competitive grant with the government paying for the entirety of the student's two-year master's degree program plus a generous \$35,000 stipend as well as travel expenses to conferences," Dr. Baggili says. "It's really the Lamborghini of scholarships."

The SFS scholars, says Dr. Baggili, will be expected to do research and publish in highly regarded scholarly journals — hallmarks of the University's

Vahid Behzadan is an assistant professor of computer science. He received a Ph.D. from Kansas State University in 2019. As a research assistant in Kansas State's Knowledge Discovery and Databases Lab, he was project leader for automated cyber threat intelligence collection and analysis with a focus on open-source intelligence.

time in Vietnam, they tested their prototype and discovered just how many things they needed to consider before implementing a real solution, including the fact that most local Vietnamese farms don't have power outlets to run or test electronics in the middle of the fields!

[Q. What do you look forward to most about your new role at the University of New Haven, and what drew you to the University?](#)

[A.](#)While large research universities have their advantages, I am drawn to

When he was awarded the Early Career Award, the NSF praised Dr. Qiu as “one of the most innovative faculty members in the country” for his research on aerosols, which has the potential to shape understanding about the impact of air quality on climate change, weather forecasting, and air pollution to the next level,” she says.

Dr. Xiao and Dr. Qiu plan to host an annual Buckman Lecture, bringing together some of the world’s leading practitioners and researchers working on the frontiers in chemistry and chemical engineering.

“Our ultimate goal is to fully prepare our students for future success in their careers in or related to chemistry and chemical engineering,” Dr. Xiao says. “We want this to inspire students to pursue innovative work in their own careers.”

When the conference organizers encouraged participants to apply for grants that could help to remake education, Dr. Carnasciali knew she wanted to create a similar experience for University of New Haven faculty members.

- She applied for and won a \$15,000 Grant for Remaking Education through Action Together (GREAT) for her project “Faculty as Students: Using Makerspaces to Remake Education.” Dr. Carnasciali collaborated

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The idea first came to Maria-Isabel Carnasciali in a workshop at the Remaking Education conference last fall. Dr. Carnasciali, associate professor of mechanical engineering and director of the University’s Makerspace, was one of 250 educators, thought leaders, and business leaders from around the country at the event sponsored by the Olin College of Engineering and Emerson College.

Spotlight on: Gokhan Egilmez

Gokhan Egilmez loves traveling — to places around the world — and even the daily rides along a long ribbon of highway from home to work.

Driving gives him time to puzzle out research questions — about sustainability and climate change, building production simulation and optimization models to assist local companies in maximizing their

To learn more about the University of New Haven, please contact:

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