FSU researchers help develop sustainable polymers

Rufina Alamo, Simon Ostrach Professor of Engineering and Distinguished Research Professor of Chemical and Biomedical Engineering at the FAMU-FSU College of Engineering. (Mark Wallheiser/FAMU-FSU College of Engineering)

By Trisha Radulovich

Researchers at the FAMU-FSU College of Engineering have made new discoveries on the effects of temperature on sustainable polymers. Their findings may help the industry to produce plastics that are better for the environment.

“Plastics made from petroleum, a non-renewable resource, remain too long in our land and water when discarded,” said Rufina Alamo, a professor in the Department of Chemical and Biomedical Engineering. “We are researching how sustainable polymers are heated and cooled so we may produce more ‘environmentally friendly’ plastics.”
National Science Foundation awards FSU chemical engineer more than $1 million for bacteria research

Jamel Ali, Ph.D. is an assistant professor of Chemical & Biomedical Engineering is flanked by, from left, Ph.D. student Tyler Gregory, postdoc Dr. Bobby Haney and Ph.D. student David Quashie Jr. in the lab at the FAMU-FSU College of Engineering in Tallahassee, Florida. (Mark Wallheiser/FAMU-FSU College of Engineering)

By: Trisha Radulovich

A FAMU-FSU College of Engineering researcher has received more than $1 million to investigate bacteria-related dynamics in one of two new projects supported by the National Science Foundation (NSF).

The NSF has awarded two research grants totaling more than $1 million to support investigations that have the potential to impact societal health by supporting new diagnosis and treatment methods for diseases. One award is through FAMU and the other through Howard University, both historically Black universities, in a multi-institutional partnership with the FAMU-FSU College of Engineering and the National High Magnetic Field Laboratory.

FSU superconductivity expert elected Fellow of Royal Academy of Engineering
David Larbalestier, the chief materials scientist at the Florida State University-headquartered National High Magnetic Field Laboratory and a Krafft Professor in the Department of Mechanical Engineering at the FAMU-FSU College of Engineering, has been elected a Fellow of the Royal Academy of Engineering.

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Larbalestier was cited for his “seminal work in high current, high field superconducting materials for over 50 years.” A native of the United Kingdom, he joins 49 of his compatriots in this year’s group of Fellows, along with three International Fellows. The Royal Academy is the U.K.”s national academy for engineering and technology, dedicated to advancing and promoting excellence in engineering for the benefit of society.

Read story here.

Stop by the COECafe and check out the grad-n-go menu options.

**HOURS OF OPERATION:**
Monday- Thursday - 9am-3pm
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Counseling Services Workshops and Groups

COE Workshop Series

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September 23, 2020 • 12 PM - 1 PM
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**Creating Scientific Graphics with Adobe Illustrator**
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**Advanced Patent Searching: Cooperative Patent Classification System**
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**OCTOBER**

Center for Academic Innovation and Technology Workshop - **Interpreting/Responding to Student Evaluations** - Friday, October 16, 1:00 PM, **V**

**NOVEMBER**

Thanksgiving Holiday - Wednesday, November 25 thru Friday, November 27, 2020

**DECEMBER**

2020-2021 Winter Break - Monday, December 21 thru Friday, January 1, 2021

**JANUARY**

College Reopens - Spring 2021 Semester, Monday, January 4, 2021

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**COVID-19 INFORMATION**

[Florida’s COVID-19 Data and Surveillance Dashboard](#)
Florida Department of Health, Division of Disease Control and Health Protection

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