The Significance of SCIENCE

Earlier this month I had the opportunity to present the state of our College to the Clemson University Board of Trustees. I shared how the College has weathered the challenges of the past year and has continued to make progress in achieving our mission to advance science and technology through research, education, and public service.

We have entered 2021 with much gratitude. Thank you to our incredible students, staff and faculty for their efforts last year and their resilience as we continue to navigate through the situations this pandemic has created. Thanks to all of our donors and stakeholders for investing in our people and science in so many ways. And thanks to our alumni and friends for engaging with Clemson Science.

The Significance of SCIENCE

Our College is committed to excellence in research, education, and public service. We are dedicated to expanding knowledge and understanding across all fields of science and technology, and to using that knowledge to improve the quality of life for people around the world. Our faculty and students are engaged in cutting-edge research that is making a difference in fields as diverse as medicine, energy, environmental science, and more. We are proud of the contributions that members of our community have made to advancing science and technology.

The Significance of SCIENCE

Gift student's NSF Fellowship is the latest in research group's federal lab pipeline

Tyler Williams also became the latest student in professor Ken Marcus' pipeline to make the leap from Clemson University to become a National Science Foundation (NSF) Graduate Research Fellow. Williams joins three prior NSF fellows from Marcus' lab, all of whom have accepted positions at federal labs since completing their PhDs. This success is a testament to the quality of research being conducted at the Marcus lab.

The Significance of SCIENCE

Clemson researchers study cancer in new approach to 'Something Very Fishy'

A local playwright and a Clemson student collaborated this past fall to create a new approach to marine conservation awareness. The result is the play ‘Something Very Fishy’, which is premiering online this fall. From left, Sharon Bewick and Jennifer Mason, college of science outreach coordinator and professor of education, with students marine conservation, "Something Very Fishy". Images Credit: Robert Bradley.

The Significance of SCIENCE

Clemson Undergrads Win Prestigious Awards

Clemson undergrads add to their laurels by winning prestigious national and regional awards every year. Dr. Trudy Mackay has recruited a world-class team of researchers, including several of our graduate students and a local playwright started graduate students and a local playwright started a science exhibit to teach elementary school students marine conservation, "Something Very Fishy". "Something Very Fishy" will go online this year. From left, Lesly Temesvari and Thao Tran.

The Significance of SCIENCE

SCIENCE attracts and retains students who are typically underrepresented (60% women; 16.9% URM). SCIENCE students are 13% of the university undergraduates yet 26% of the Honors College. Freshman Retention Rate of SCIENCE students (2015: 91.1%; 2020: 93.8%).

The Significance of SCIENCE

Our faculty have increased external funding of their research 86% in five years ($9M to $17M)!

Several of our faculty win the first NSF CAREER Award ever awarded to a Clemson faculty member. Our faculty have increased external funding of their research 86% in five years ($9M to $17M)!

30% of SCIENCE students conduct research under the guidance of a faculty member annually. Faculty Fellows are strategically embedded in a Prisma Health–Upstate department, shifting their focus from their regular teaching duties to developing a comprehensive research agenda with their embedded mentor.

The Significance of SCIENCE

Faculty

Four College of Science researchers awarded funding from new CUSEED Grant Program

Four College of Science researchers awarded funding from new CUSEED Grant Program which will be April 21! We ask you to consider a gift to the College of Science General Scholarship Fund, the Science Annual Fund or Science fund of your choosing. Gifts to please share the following key points of pride:

- Clemson's College of Science has made significant strides in increasing diversity and inclusion in the sciences. For example, the College has implemented numerous initiatives to support underrepresented students, including the COSMIC (College of Science Mentoring and Inclusion Collaborative) program.

The Significance of SCIENCE

K-12 Engagement

"Something Very Fishy" takes new approach to deliver marine conservation awareness message

"Something Very Fishy" takes new approach to deliver marine conservation awareness message: Clemson researcher Hugo Sanabria is researching cancerous genetic studies in new approach to "Something Very Fishy". Hugo Sanabria is researching cancerous genetic studies in cell lab pipeline...isis.