Scholarship and fellowship recipients

Some of our most accomplished academic and research assistants, gifted to us by others, are set to begin a new academic year. We thank the donors who have established scholarships and fellowships for our students.

Clemson researchers work with citizen-scientists to better understand diversity of rattlesnake venom

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The Mojave rattlesnakes that live in the deserts of southwestern United States and central Mexico are packed with lethal venom, though they rarely strike unless provoked. Image courtesy of Travis Fisher.

The research was published in Scientific Reports.

The discovery that Mojave Rattlesnakes have multiple venom types that are more widespread than previously believed required a large research collaboration between principal investigators, researchers, and citizen-scientists.

Clemson researchers work with citizen-scientists to better understand diversity of rattlesnake venom.

New lecture series promotes professional development to SCIENCE students

The College of Science is piloting a new seminar series in spring 2019 intended to equip SCIENCE undergraduate and graduate students with the professional development skills they will need to find the enrichment opportunities they want across the University. Dubbed Science Professional Development Workshops, the seminar series will run on Mondays from 5:30-6:30 p.m. in the Watt Center, room 106. Lectures are designed for students, faculty, and community members.

Workshop to focus on the rising field of Data Science

Learn from Clemson researchers how the tools of data science are being used to solve problems and impact the world around us. Topics will include statistics, algorithms, analytics, optimization, and machine learning. Faculty, staff and students are strongly encouraged to attend.

Perfect in every way

The College of Science joins the Clemson University family in congratulating coach Dabo Swinney and his ultra-talented team of coaches and players. Up next: three out of four?

En route to their second national championship in three years, the Clemson Tigers became the first team in the modern era to go 15-0, annointing the 2018-2019 squad as the “greatest college football team of all time.” The Tigers crushed the vaunted Alabama Crimson Tide 44-16 on Jan. 7 in Santa Clara, California. True-freshman quarterback Trevor Lawrence led the charge, playing beyond his years. The following Saturday, tens of thousands attended a championship parade and celebration in downtown Clemson and at the stadium. The Tigers were named the number one team in the world in numerous polls.

“As we set our 2018-19 academic goals, we asked ourselves: ‘What if everything we do is perfect? What if we yield perfection for Clemson Football this year?’” says Chemistry Professor and Assistant Chair Susan Pelton. “This year, it is perfect in every way.”

“I know if you can dream it, you can achieve it,” says physics professor John O’Keefe. “The Tigers were winning and dreaming every single practice, every single game.”

As we relentlessly pursue excellence in science, we may not have national championships, but all of us who are part of the Clemson Family have a chance to yield perfect performance in every way we can. We will have a tremendous positive impact as we tackle tomorrow’s greatest scientific challenges.

“ chasing excellence, I heard Coach Swinney say in his interview, “We were not chasing the national championship, we were focused on being the best we could be every day.” Chasing excellence is the hallmark of a great coach, it is the hallmark of a great life, and it is the hallmark of the Clemson Tigers. We were and are going to be the best we can be, every single day.”

As I basked in the Clemson spirit in Santa Clara witnessing our Clemson Tigers win the national championship, I thought of my own experiences as a student at Clemson and then as a professor. Clemson is a special place. It is a place that, through the spirit of the students, faculty, and staff, creates a community that is strong, resilient in its pursuit of excellence, and where each individual feels supported and celebrated.

As you set your 2019 goals, I offer you this for your consideration: “I will be the absolute best I can be.”

As your professors, advisors, family, and peers push you to generate new ideas, to focus and work harder, and to be resilient in your pursuit of excellence, please remember that image of Coach Swinney and the Clemson Tigers as we begin our 2019 spring semester. They will be a source of inspiration in your pursuit of excellence.

College of Science joins the Clemson University family in congratulating coach Dabo Swinney and his ultra-talented team of coaches and players. As your professors, advisors, family, and peers push you to generate new ideas, to focus and work harder, and to be resilient in your pursuit of excellence, please remember that image of Coach Swinney and the Clemson Tigers as we begin our 2019 spring semester. They will be a source of inspiration in your pursuit of excellence.

Go Tigers!