A Note from the Chair

The Department of Biological Sciences at Clemson University advances knowledge in the life sciences through discovery, learning, and engagement with the community. Our remarkable faculty and students seek to understand the ways in which we, as organisms, reproduce, develop, and combat disease — from the smallest of microbes to the largest of mammals. Our work provides the foundation for discoveries that extend life and improve the health of the planet.

Thank you for your support of Biological Sciences and Microbiology at Clemson! Through philanthropic gifts to our department, you allow us to keep our research and teaching facilities up-to-date, recruit and retain excellent faculty and students, bring biology and microbiology to the community, and support new discovery and learning initiatives. Your support also helps send students to research field sites and conferences where they conduct and communicate their research, and we couldn’t do it without you. We hope you will continue to support our commitment to all Tigers who pass through our doors.

– Saara J. DeWalt

Pre-health students uncover what it means to be providers of health care

Each summer, Clemson students trade in their summer jobs and internships to spend two events on the beaches of Costa Rica and Panama, collecting human data and creating care clinics in the most impoverished areas. When not in clinics, they deliver lectures on nutrition and natural medicines and learn how to perform injections and sutures — using fruits and sponges as test subjects — as part of the College of Science’s popular student-abroad program, Health Missions in Costa Rica and Panama.

Vince Gallicchio has been the director of the program since 2014. He is a professor of biological sciences, microbiology and public health sciences as well as the chief faculty adviser for pre-health professional students.

Coral reefs in the Florida Keys, Caribbean and throughout the world are in dramatic decline. Kylie Smith, a biological sciences graduate student, has made it her mission to help restore one of the ocean’s most endangered species.

Microbiology student awarded undergraduate research fellowship

Jill Walton’s research on the functional diversity of symbionts in the lucinid clam, Phacoides pectinatus, helped her earn a 2018 Undergraduate Research Fellowship from the American Society for Microbiology. The fellowship will fund 10-12 weeks of Walton’s research.

Find out more about the Department of Biological Sciences

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