

Emily Fussell
Biomedical Engineering
Innovation Fellows Program - University of Florida
Herbert Wertheim College of Engineering/Warrington College of Business

Emily Fussell is a senior at the University of Florida's Herbert Wertheim College of Engineering. She is studying Biomedical Engineering.

Driven by her curiosity, Emily got involved in research at the University of Florida. She is an undergraduate research assistant in Dr. Whitney Stoppel's lab, where she is working on developing silk biomaterials for skeletal muscle applications. Emily's research efforts were recognized, and she was selected to be a University Scholar for the 2022-2023 year. Emily's research experience also includes a summer undergraduate research project at Comillas Pontifical Universidad in Madrid, Spain, where she worked on detecting gluten contents in different flours through the analysis of dielectric constants.

While living in Madrid, Emily was able to travel around Europe and visit twelve European cities. Her favorite city she traveled to was Madrid. The people were so friendly and they are so helpful in getting immersed in the culture. This trip ignited her passion for traveling. She hopes to visit all of the continents in her lifetime.

Emily has a passion to serve the community around her. She is the treasurer of One Love, an organization that leads workshops around campus to educate people on the signs of healthy and unhealthy relationships. Throughout her time at UF she has been a team member in Generational Relief in Prosthetics, where she aids in the design of assistive devices for people with limb differences. She also volunteered at Gainesville Health and Fitness with Fit For All, a program that leads exercise classes and educates people with special needs on how to take care of their bodies.

In her free time, Emily loves to bake and cook. She loves experimenting in the kitchen because she views it as experimental trials. Emily also enjoys exercising, with running and walking being her favorite. She uses running as a way to immerse herself in nature and spend quality time with her friends. Emily also loves to read, autobiographies of comedians are her favorite books. They help her put life into perspective and not take things too seriously.

After her graduation in December 2023, Emily plans on entering the biomedical industry. Her interests include regenerative medicine, biomaterials, device development, technology, and data analysis. She would love to be able to tie in her love for research with the opportunity for analytics in her future endeavors. Her life goal is to improve at least one person's quality of life with her work.

