Virginia Commonwealth University is pleased to announce 10 undergraduate student openings for a 10-week Research Experience for Undergraduates (REU) this summer at VCU Center for Pharmaceutical Engineering and Sciences in Richmond, Virginia.

Students will be mentored jointly by faculty in the College of Engineering and in the School of Pharmacy at VCU, with the participation of faculty from Virginia State University.

The research projects are related to the development of complex and novel pharmaceutical products in areas including drug delivery, inhaled therapeutics, continuous manufacturing and nanomaterials in medicine. This work covers three fundamental areas: i) the engineering of pharmaceutical materials, ii) the engineering of complex formulations and iii) the generation and control of active pharmaceutical ingredients. Students will be involved in experimental work and learning theoretical concepts of pharmaceutical engineering that address interdisciplinary challenges related to the design and development of pharmaceutical products.

Competitive stipends will be offered; on-campus housing and travel to and from Richmond will be covered as needed. Women and students from underrepresented groups in STEM are encouraged to apply. Applications received by February 15, 2021 will be considered first. The program will run for 10 weeks beginning May 31, 2021.