

We provide quality, mentored research experiences for diverse groups of talented youth participating in the Summer Research Experience for Undergraduates (REU). Please contact us to make an inquiry.

Department of Biomedical Engineering
Center for Biomedical Informatics

The Wake Forest Department of Bioengineering is located in Winston-Salem Innovation Quarter in the Biotech Place building.

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2020 Summer Research Opportunities for Undergraduates

May 26 – July 31, 2020



Ashley Weaver, PhD
Assistant Professor
Director of Summer Program

Wake Forest School of Medicine
Department of Bioengineering
Winston-Salem, North Carolina

APPLY ONLINE

Visit <http://tinyurl.com/WFSOM-BME-Summer-Research>

Applications open November 1, 2019

Application deadline February 15, 2020

The Wake Forest School of Medicine, Department of Bioengineering is offering several summer research opportunities in 2020 for its Summer Research Experience for Undergraduates (REU).

Focusing on Imaging and Mechanics-based Projects on Accidental Cases of Trauma (IMPACT) and other biomedical engineering and informatics topics, this summer research opportunity offers hands-on training in a top notch research environment with a highly talented academic team. Students selected for our summer program will experience hands-on research training, mentorship and teamwork, professional development activities and scientific dissemination.

The 2020 summer Research Experience will be held from Tuesday, May 26th, 2020 through Friday, July 31, 2020. Students accepted in the program will carry out research opportunities in science, technology, engineering and mathematics.

The program includes:

- Injury prediction model development
- Military, sports and spaceflight
- Osteoporosis prevention
- Biomechanical characterization of injury mechanisms
- Diagnostic and therapies for cancer patients
- Biomedical informatics



Selected scholars receive a \$5,000 stipend and housing allowance for the 10 week period.

This is a competitive program and applicants should be undergraduates pursuing degrees in engineering, bioengineering, biotechnology, computer science, mathematics and related fields. To be eligible, scholars must have a cumulative GPA of 2.85 or higher (on the 4.0 scale). Scholars must have completed at least two semesters of undergraduate education and be at least 18 years of age by the first day of the program start. International students who currently have a J-1 or F-1 visa and who are already attending school in the United States are eligible to apply.

The main criteria for the selection of summer scholars will be personal scholarship and academic excellence and the match of applicant interests with those of participating researchers.

In addition to the completed online application and personal statements, please submit the following documentation:

- An official transcript of your undergraduate study to date.
- Two letters of recommendation; these may be requested from professors related to your major, an advisor, and/or department chair.

Applicants can apply online at:

<https://tinyurl.com/WFSOM-BME-Summer-Research>

Applications open November 1, 2019.

Questions?

Email us at Lekerr@wakehealth.edu or contact us by phone at 336-716-2507.

WFSOM Dept. of Biomedical Engineering is committed to providing research opportunities to all students, with special interest in applications from students typically underrepresented within the fields of science, technology, and engineering. These include African-Americans, Latino/Hispanic Americans, Native Americans, Pacific Islanders and disabled individuals.