

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 Biomedical Engineering is located in Winston-Salem Innovation Quarter in the Biotech Place building.

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Winston-Salem, NC 27101  
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Department of Biomedical Engineering

**2021 Summer Research Opportunities  
for Undergraduates**

May 31 – August 7, 2021



Ashley Weaver PhD  
Associate Professor  
Director of Summer Program

Elaheh Rahbar PhD  
Assistant Professor  
Co-Director of Summer Program

Wake Forest School of Medicine  
Dept. of Biomedical Engineering  
Winston-Salem, North Carolina

**APPLY ONLINE**

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

Applications open October 12, 2020

Application deadline February 15, 2021

## The Wake Forest School of Medicine, Department of Biomedical Engineering is offering several research opportunities in 2021 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 2021 summer Research Experience will be held from Monday, May 31, 2021 through Saturday, August 7, 2021. 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

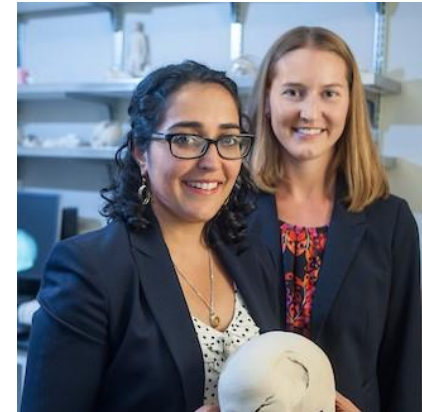


Selected scholars receive a \$5,500 stipend and housing allowance for the 10 week period.

This is a competitive program and applicants should be undergraduates pursuing degrees in engineering, biotechnology, computer science, mathematics and related fields. To be eligible, scholars must have a cumulative GPA of 3.0 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. U.S. citizens, U.S. nationals and U.S. permanent residents 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.

Please completed the online application and include your resume and cover letter.



Dr. Elaheh Rahbar & Dr. Ashley Weaver, REU Program Directors

Applicants can apply online at:

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

Applications open October 12, 2020.

Questions?

Email us at [Lekerr@wakehealth.edu](mailto: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.