

WFIRM

Wake Forest Institute for
Regenerative Medicine

WFIRM is grateful for the financial support of our friends for the Summer Scholar Program. Our unique mentored research experiences provide future scientists the opportunity to study and learn with the world's best regenerative medicine teams.

To support the program, please contact us at SummerScholar@wakehealth.edu or visit www.wfirm.org. As part of the Wake Forest University School of Medicine, WFIRM is a nonprofit Section 501(c)3 nonprofit and your gifts may qualify as a charitable deduction for federal income tax purposes.

We anticipate a cohort of 24 undergraduate positions. 10 positions (NSF Award #2243993) focus on enabled technologies, biomanufacturing and biofabrication and 8 positions focus on kidney and urologic diseases applications (NIDDK #R25DK126625)

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The Wake Forest Institute for Regenerative Medicine is located in Winston Salem Innovation Quarter in the Richard H. Dean Biomedical Research Building.

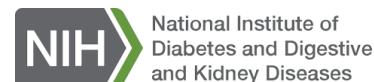
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Winston-Salem, NC
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Website: wfirm.org

2025 Undergraduates Summer Scholars Program in Regenerative Medicine

May 28, 2025 – August 1, 2025



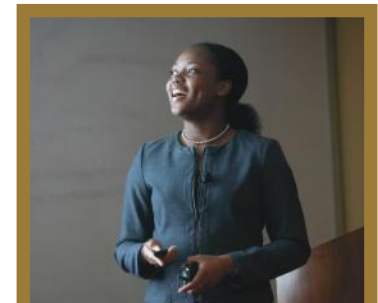
REU Site: Enabling Technologies and new REU Approaches to Engineer Complex Tissues (#224399, Atala, Schanck)



Summer Undergraduate Research Institute for Meeting Challenges in Urologic and Kidney Disease Research (#R25DK126625, Opara, Schanck)

Anthony Atala, MD, Director of WFIRM

Joan F. Schanck MPA, Chief Education Program Officer, Director of Summer Scholars



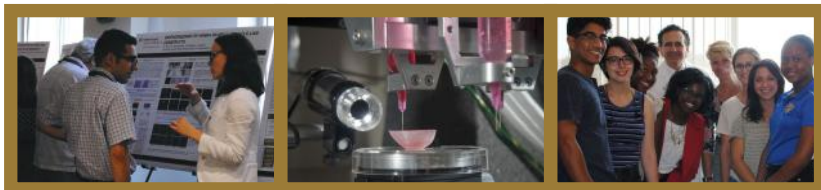
The Wake Forest Institute for Regenerative Medicine is offering fellowships for its 2025 Undergraduate Summer Scholar Research Program.

The ability to engineer functional tissues and organs in the laboratory requires the coordinated expertise of many disciplines of science, engineering and clinical practice, including cell and molecular biology, chemistry, engineering, and physiology. Through our Summer Scholars Program, the Wake Forest Institute for Regenerative Medicine (WFIRM) offers undergraduate students opportunities to experience this exciting, multidisciplinary research firsthand.

The 2025 program will be held May 28 to August 1, 2025. Accepted students conduct research under the supervision of prominent regenerative medicine scientists and their teams. In addition to hands-on research and instrumental training, students participate in specialized seminars and courses, write a research summary, conduct an oral presentation, and have the opportunity to see their work published. Selected scholars receive a \$6,000 stipend for the 10-week period with housing at Wake Forest dorms.

The program includes:

- Individually tailored research with faculty mentor(s) and their team
- Short courses and seminars on alternating topics in regenerative medicine
- Professional development workshops
- Participation in final research symposium and poster session
- Social and networking events
- Graduate and medical school advising
- Opportunities to present your research in oral and poster format at WFIRM and professional meetings



The program is competitive. Applicants should be community college and/or undergraduates pursuing degrees in engineering, bioengineering, biotechnology, chemistry, computer science, mathematics, biology, premedicine, and related fields to be eligible and must have a cumulative GPA of 2.85 or higher (on the 4.0 scale). They 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. 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
- One letter of recommendation. This may be from professors related to your major, an advisor, and/or department chair.

On-Line Applications open November 15, 2024
Application Deadline: January 15, 2025

Visit us at: www.wfirm.org

See Web to Register for Zoom Info Sessions held November 11, 2024 and December 18, 2024

QUESTIONS:

Email: summerscholar@wakehealth.edu or contact Joan Schanck at jschanck@wakehealth.edu.

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