



ROWAN-VIRTUA
School of Translational
Biomedical Engineering
& Sciences

SUMMER UNDERGRADUATE RESEARCH EXPERIENCE

May 27 –August 1, 2025

Application deadline: February 15, 2025

Taxable Stipend: \$4,000 (10 week program)

For undergraduates interested in doctoral (Ph.D. degree) programs in biomedical sciences and a career as a scientist/researcher in biomedical sciences. The program will provide the opportunity to perform supervised research in the fields of molecular biology, cell biology and neuroscience.

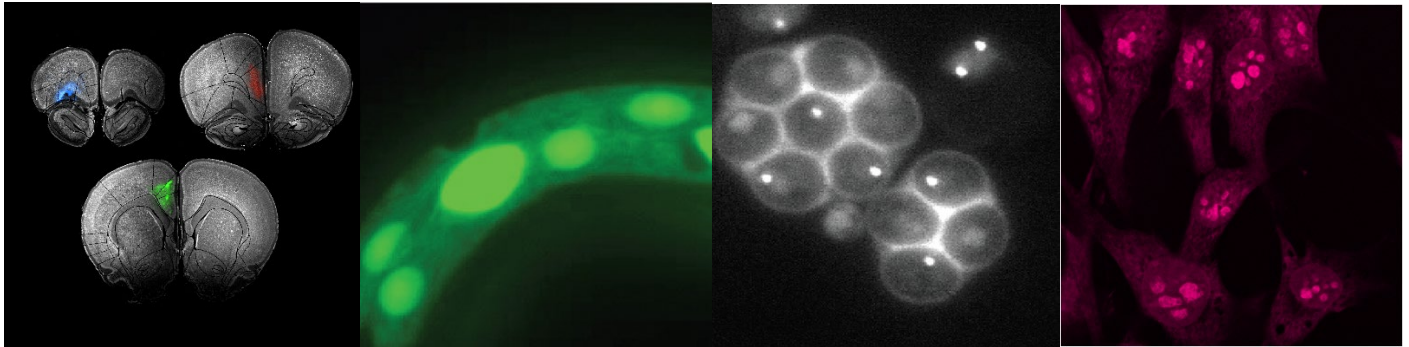
For additional information, please email us at tbes@rowan.edu, call (856) 566-6282 or go to our website: gsbs.rowan.edu.

**Rowan-Virtua Translational Biomedical Engineering and Sciences (formerly
Graduate School of Biomedical Sciences)
Summer Undergraduate Research Experience
42 East Laurel Road, Suite 2200
PO Box 1011
Stratford, New Jersey 08084**



ROWAN-VIRTUA
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Summer Undergraduate Research Experience



The Summer Undergraduate Research Experience (SURE) is designed to provide a stimulating hands-on research experience for undergraduate students considering graduate education in the biomedical sciences. The program is conducted at Rowan-Virtua Translational Biomedical Engineering and Sciences (formerly Graduate School of Biomedical Sciences) in Stratford, New Jersey.

PROGRAM DESCRIPTION

Each student will have the opportunity to learn the basic skills necessary to contribute to the research effort while working with and under the guidance of a graduate faculty that is excited to work with undergraduate students. The program runs for a ten-week period from May 27 through August 1, 2025. Research opportunities for students are available in many areas of biomedical research including developmental biology, inflammatory mediators, gene expression, stem cells, cancer biology, mitochondrial biology, behavioral neurobiology, neuromodulation, and others. Please go here for more topics: <https://gsbs.rowan.edu/research/faculty.html>. Techniques a student might learn include: tissue culture, electrophoresis, chromatography, animal surgery, immunochemistry, fluorescence imaging, molecular genetics, recombinant DNA technology, electrophysiology, behavior, neuroanatomy, and transgenics. Students will attend various scientific seminars and present their results at the end of the program. They will also be invited to participate in our annual Fall Research Retreat.

ELIGIBLE STUDENTS

The program is open to undergraduate students who are considering a research career in the biomedical sciences. Selection of students will be based on the completed application, transcript, and two letters of recommendation. Deadline for receipt of all materials is February 15, 2025.

FUNDING

Students will receive a \$4,000 taxable stipend over the 10 weeks. Students must pay for their own housing and travel expenses to and from Stratford.



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SUMMER UNDERGRADUATE RESEARCH EXPERIENCE

The Summer Undergraduate Research Experience (SURE) is a program designed for undergraduate students interested in doctoral (Ph.D.) bioscience programs and a career as a scientist/researcher in the Biomedical Sciences. The program provides a full-time research experience in which students work with a translational biomedical science faculty member on the Stratford campus in a modern research laboratory. Students accepted into the program will have hands-on experience in one of several exciting areas of current biomedical research.

To be considered for the program, you must provide the following:

1. **Application** and all supporting documents by February 15, 2025.
2. **Official Transcripts** from **all** colleges attended/attending.
3. **Statement** as to why you wish to participate in this program and your career goals.
4. **Recommendation Letters (2)** from your Science faculty members. If you have research experience, one letter should be from your mentor.

There is no tuition cost for the program, and students who qualify will receive a taxable fellowship of \$4,000 for the ten-week period (May 27 to August 1, 2025). Interested students should fill out the application forms and return by **February 15, 2025** to:

Rowan-Virtua Translational Biomedical Engineering and Sciences (formerly Graduate School of Biomedical Sciences)
Summer Undergraduate Research Experience
Rowan Medicine Building
42 East Laurel Road, Suite 2200
PO Box 1011
Stratford, New Jersey 08084

If you have any questions concerning this program, please contact the School of Translational Biomedical Engineering and Sciences (formerly Graduate School of Biomedical Sciences), (856) 566-6282 or by E-mail at tbes@rowan.edu . Please visit our website at gsbs.rowan.edu.



SUMMER UNDERGRADUATE RESEARCH EXPERIENCE

APPLICATION FOR ADMISSION

1. Name _____ Date of Birth _____
(Last) (First) (Middle)
2. College/University _____
3. Present Classification: ☐ Freshman ☐ Sophomore ☐ Junior
4. If your education has been interrupted, list in detail your activities during intervening period (use separate page).
5. What is your: Major _____ Overall GPA _____ Science GPA _____
6. Which of the following exams have you taken? ☐ GRE ☐ MCAT ☐ PA-CAT ☐ Other _____
7. Year and month you expect to enroll in a post-graduate school _____
8. What type of post-graduate education do you plan to pursue? ☐ PhD ☐ DO/MD ☐ PA ☐ Other _____
9. What research areas interest you? _____
10. Email address: Personal _____ College _____
11. Home address: _____
12. Cell phone number: _____
13. Social Security Number: _____ - _____ - _____
14. Do you require assistance in identifying suitable housing during the summer? ☐ Yes ☐ No
15. Name and telephone number of person to notify in case of emergency: _____

Signature _____ Date _____

On a separate page, briefly describe your biomedical career goals including an explanation of how your participation in this program will further these goals. You should also include a description of any previous research experience that you may have to date.