



Research Experiences for Undergraduates Program
**"Research & Training in Multidisciplinary field of Regenerative Sciences
for Undergraduates "**
at Alabama State University (ASU)
<http://bioreu-alasu.org/>

Location: Alabama State University, Montgomery, Alabama

Program Dates: *May 20th to July 26th , 2024 (10 weeks) Dates are subject to change.

Expenses: **\$600.00 stipend per week; On-campus housing; Meal and Travel allowances available.**

Research Track (tentative):

- Design and Fabrication of Polymeric Tissue Scaffolds by 3-D Printing
- Tissue regeneration on 3-D scaffolds
- Strategies to manipulate bacterial growth on tissue scaffolds
- Regulation of Immune response in cells
- Using LIBS technology for biological detection
- Embryo Neuromuscular and Cardiac Development
- Exosomes as Biomarkers

Participants: A total of ten students will be accepted. Students must be US citizens or permanent residents enrolled in a Bachelor Degree program (biology, biomedical engineering, chemistry, physics, material science, engineering, biomedical science and related fields). We hope to provide opportunities for students of diverse backgrounds, so if you identify with an under-represented minority group from colleges with limited research opportunities, are economically disadvantaged, we encourage you to apply. If you will graduate in May or June during the year of the program, you are not eligible for the summer experience.

APPLICATION DEADLINE: MARCH 8TH, 2024

Applicants will be notified of their status no later than March 31, 2024.

Materials Required for Complete Application:

- Application form (download)
- Transcripts (official or copy)
- One-page essay (600 words) describing your interests, career goals, and experiences that qualify you for this research internship
- Two letters of recommendation from academic/advisors/science instructors.

Emailed letters should be mailed as a PDF file from your recommenders work email to reu@alasu.edu with the following file

name: Lastname_Firstname_REU2024_letter.pdf.

Application materials should be submitted online at <http://bioreu-alasu.org/apply/> or electronically to Dr. Komal Vig at reu@alasu.edu

