REU participants will work for 10 weeks within an interdisciplinary team at the interface of experiments and computation to advance understanding of fundamental biological phenomena. These unique collaborative teams will exemplify integration between experimental and computational studies. Each collaborative project will be led by two faculty mentors and directly involve two REU students: one faculty-student pair will be focused on a computational aspect of the project, while the other will be focused on the experimental aspect.

In addition, participants will have the opportunity to participate in workshops to enhance research skills and prepare for application to graduate school.

**Research Areas**
- Biomaterials
- Biomechanics
- Immunoengineering
- Tissue Engineering
- Protein Science
- Nanotechnology

**Financial Provisions**
- 10-week Stipend of $5,000
- Travel Expenses up to $500
- Free Housing
- $500 Conference Travel Award

**Dates**
- May 24, 2021 – July 31, 2021

**Environment**
Participants will be housed together on the University of South Carolina campus in Columbia, SC. Columbia, the seat of South Carolina government, was ranked by Livability.com as the third best college town in 2015 and by US News and World Report as one of the top 50 cities to live in 2016. With its proximity to the beaches and mountains, the traditions and beauty of the historic University, and the friendly culture of the south, Columbia is a great place to spend the summer.

**Application**

**Contact Information**
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