



NSF REU for Engineering and Nanoscience of Materials and Device Applications in Biotechnology and Medicine



Apply by March 15 2022 Location: ORLANDO, FL
Program Dates MAY 16 to JULY 22



Online application: <http://nsfreunano.research.ucf.edu/>

The theme of the REU site is to study and to develop materials and devices with application in bioengineering, biotechnology and medicine by bringing together engineering, computer science, photonics research, chemistry and biochemistry, and nanoscience and technology in interdisciplinary teams.

Students will gain hands-on research training in topics such as 3D microelectrode in vitro chips, electronic and optical biosensors, scaffold materials, wound healing patches, molecular bioimaging, and drug delivery systems. The research will involve both experimental and theory-based learning.

- 10-week summer research for 10 students
- \$6000 Stipend
- Travel and Housing provided
- Social program, workshops, industry visits & more

Contact:

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