



For more information or to apply, go to: <https://clas-chemistry.uncc.edu/nanosure/>

Deadline: February 14, 2017

The NanoSURE Research Experience for Undergraduates

NanoSURE participants will spend 10 weeks engaged in various nanoscale science related projects. The intellectual focus or theme of the NanoSURE REU site is interdisciplinary nanoscale science and engineering research. Students chosen to participate in the program will be assigned to ongoing interdisciplinary nanoscale science research projects, most of which are funded by the NSF or NIH.

Students can gain experience in:

nanoscale synthesis, nanoparticle manipulation and assembly, quantum dots, carbon nanotubes, and metallic nanoparticles, nanomedicine and drug delivery, hybrid materials, spectroscopy, SEM, TEM, and AFM, and x-ray crystallography

Program Activities:

- Ten-week summer research experience
- **\$5,000 stipend** for summer research
- On-campus housing provided
- Seminars and workshop activities
- Recreational activities
- Outreach program – *NanoDiscovery Day* at Discovery Place – Charlotte
- Final research symposium

Eligibility Requirements:

1. College-bound high school seniors to rising college seniors
2. GPA of 3.0 or higher
3. U.S. citizen or permanent resident
4. Strong interest in nanoscale science research
5. Academic interests in biology, chemistry, physics, or engineering