Are you an undergraduate biology, physics, computer science, or mathematics major interested in improving your coding skills while addressing computational research problems in the sciences?

Would you like to spend summer at a dynamic university, working with faculty members and meeting others who share your interests?

Would you like to get paid to enhance your résumé and edge out other applicants with your advanced skills?

If so, you should apply for a National Science Foundation supported summer Research Experiences for Undergraduates (REU) program focused on computational modeling in applied sciences.

As a participant in this REU you will complete a specific computational research project in collaboration with an MTSU faculty mentor in one of the following areas:

- molecular dynamics modeling
- cellular biology
- epidemiology
- materials science
- acoustics
- optics

Meanwhile, a Python boot camp will take your computer programming skills to the next level. Professional development seminars will prepare you for the intricacies of a research-oriented career, and you will build a professional network while participating in fun social activities.

Applicants must be:

- US citizens, US nationals, or US permanent residents, and
- Undergraduate freshmen, sophomores, juniors, or seniors.

**Support:** Participants will receive a stipend ($4,000) plus housing, subsistence, and financial assistance for travel to and from Murfreesboro.

For full consideration, online applications must be received by **February 15, 2022.** The online application is available on the REU website at:  [https://www.cs.mtsu.edu/~coms-reu/](https://www.cs.mtsu.edu/~coms-reu/)

**About MTSU:** Murfreesboro is located 30 miles southeast of Nashville, Tennessee. We have 81 undergraduate majors and 19,000 undergraduate students. MTSU has growing graduate programs, including a Ph.D. in Computational Science.

**Contact Information:** For more information about this REU, visit [https://www.cs.mtsu.edu/~coms-reu](https://www.cs.mtsu.edu/~coms-reu) or contact Dr. Wandi Ding at wding@mtsu.edu