

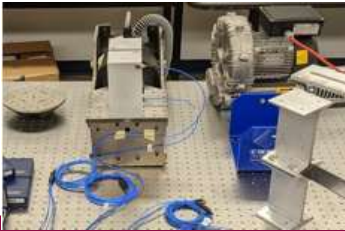


Undergraduate Research Program in Environmental Testing of Structures



Requirements **Are you eligible?**

- ME, AE, MET, MAE major
- GPA of 3.2 or greater is preferred
- US citizen
- Students in semesters 4 or 5 are preferred
- Students in their final BS semester are not eligible



Application

Submit (in PDF format):

- An NMSU academic transcript (unofficial transcript OK)
- A short resume
- A short cover letter stating the reasons for your interest in the program
- The names and contact information of two references, at least one of which must be a faculty member



Email materials to both of the following individuals:

Dr. Abdu Abdelkefi
Prof. of ME
abdu@nmsu.edu

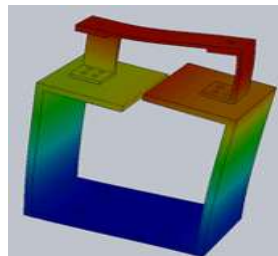
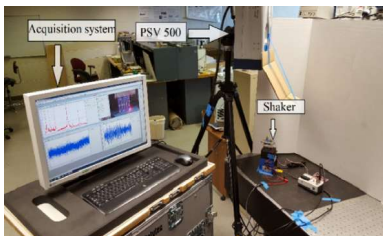
Earn up to \$15,000 per year as an undergraduate research assistant!

Questions? Contact Dr. Abdu Abdelkefi by email at abdu@nmsu.edu

Tasks

Selected students will be placed in teams and will:

- Design, acquire, and deploy a shaker/fixture/component system
- Manufacture various dynamical systems in collaboration with Aggie Innovation Space
- Excite assembly to estimate the response of the actual component operating in the actual service environment
- Perform modeling, simulation and other aspects of environmental testing
- Present research in the biannual symposia attended by LANL and NMSU personnel
- Publish research in conference proceedings and journals



Post-BS opportunities

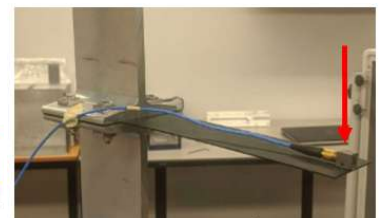
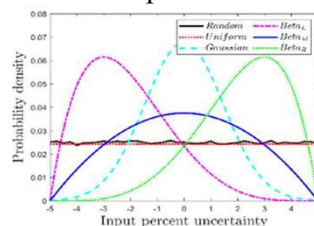
Completed participation will provide:

- A strong skill set in experimental and theoretical structural dynamics research and manufacturing of dynamical systems



Interested in pursuing graduate study, working at a national lab, or working in industry?

- This program is an excellent opportunity to accomplish those interests!
- Students who find employment at a national laboratory such as LANL may be able to enroll in graduate school while working, with grad school expenses often paid by fellowship or tuition reimbursement programs.



BE BOLD. Shape the Future.
New Mexico State University

**Apply before August 22nd,
2025**