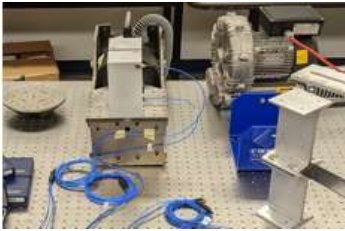




Call for applications: Modeling and Environmental Testing of Structures

Are you eligible? Requirements

- ME, AE, MAE major
- BS GPA of 3.2 or greater is preferred
- US citizen
- Graduate (MS or PhD) students



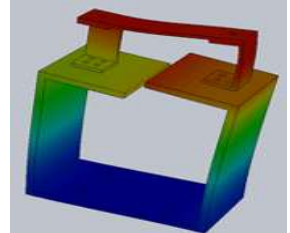
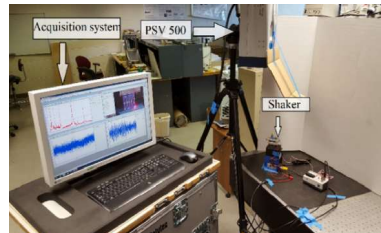
Application

Submit (in PDF format):

- Academic transcript(s) (unofficial transcript OK)
- A resume/CV

Email materials to:

Dr. Abdu Abdelkefi
abdu@nmsu.edu



12 months graduate research assistant with full tuition!

Starting date: Fall 2025

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

Tasks

Selected students will be working on projects related to structural dynamics, nonlinear dynamics, vibration, flight testing and characterization, etc. This includes fundamental research and experiments, such as:

- 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
- Publish research in conference proceedings and journals

Possible future opportunities

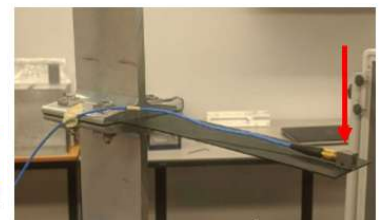
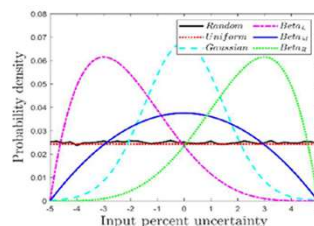
Completed participation will provide:

- 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 may find employment at a national laboratory or companies, such as LANL, Sandia National Laboratories, Lockheed Martin, Northrop Grumman, etc.



BE BOLD. Shape the Future.
New Mexico State University