

Senior Research Project

Casey Grove

- **Major:**

Physics with Civil/Mechanical Engineering focus,
Mathematics
- **Hometown:** Austin, TX
- **Activities:**
 - RA
 - Esports Captain
 - Ko Sari Member
- **Career Goal:** Assist in the advancement of human knowledge and technology.

Project title: Sound Dampening

Supervising faculty member: Dr. Wayne Keith

Project Abstract:

Sound damping has been a big industry since the boom of music in the late 40's. The purpose of the sound damping project is to design a small mesh box that will hold place as a mini-room version of a sound studio that will record a constant sound coming from outside the box. The goal was to find which material has the best absorption and what the significant difference is between the material used in the earlier years compared to the current technology.