Are you interested in influencing the future of engineering by shaping how we think about the education of engineers and who has the opportunity to become an engineer?

Join Dr. Verdín’s research lab and engage in meaningful research that can shape the future of engineering education. She is seeking prospective Ph.D. students interested in addressing one of these critical issues:

• **Unraveling Motivational Processes:** Explore academic motivation using the theories of mindset and achievement goal orientation; investigate how they shape students’ persistence in engineering.

• **Bridging Identities, Fostering Belongingness:** Investigate the relationship between engineering identity development and establishing a sense of belonging.

• **Empower Future Engineers:** Study the impact of culturally responsive gamified activities on high school students’ STEM identity formation, career interests, self-efficacy, and engineering agency beliefs. Help break down barriers and create inclusive learning environments.

**PhD Application deadlines**

- December 15 (Priority deadline)
- Applications submitted after the deadline will be considered on a rolling basis.

**Qualifications**

- Disciplinary background: STEM or non-STEM majors
- Open to students who are interested in conducting research in engineering education.
- Experienced with literature review and scholarly writing.
- Motivated to learn and apply data analysis techniques, including statistical methods and qualitative analytics.

**Funding Availability**

- Graduate Research Assistantship (Dr. Verdín has available funding)
- Fulton School Fellowship
- Dean’s Fellowship

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My Website  Program Website  Fellowship Opportunities