

## **Ph.D. Graduate Research Assistantships Available for Engineering Education Research**

Department of Engineering Education  
Utah State University, Logan, Utah, U.S.A.

Engineering education research involves the conduct of educational, pedagogical, and/or socio-behavioral research in the context of engineering. For example, an engineering education research project may focus on understanding how undergraduates learn engineering concepts or how to improve the teaching of specific engineering topics. In recent years, the field of engineering education has evolved into its own emerging discipline that currently exists in parallel with more traditional engineering disciplines, such as mechanical, civil, electrical, and biological engineering.

### **What benefits will you receive?**

- Competitive Graduate Research Assistantship Stipend
- Tuition waivers and 80% health insurance
- Intensive faculty-student mentoring and student-student interactions
- Opportunity to earn a Ph.D. in Engineering Education within 3-4 years
- All of our graduates are currently employed

### **Potential job markets after graduation**

- University or college faculty member
- University or college administrator
- Education or training specialist in government and non-profit organizations
- Data analyst in government and non-profit organizations
- Educational hardware/software developer and specialist in education industry (companies)

### **Are you the person we are looking for?**

We are looking for college students, instructors, and engineers who have interest in engineering education research. You can apply for admission for the coming semester. To qualify for our program, you must have earned the following prerequisites:

- Bachelor of Science (B.S.) degree in an engineering, engineering technology, or computer science program as well as an Master's of Science (M.S.) degree or a Master's of Engineering (M.E.) degree (in any discipline) prior to admission. If you only have a B.S. degree, contact Professor Ning Fang at [ning.fang@usu.edu](mailto:ning.fang@usu.edu) for further information.
- Minimum scores of 40th percentile on the GRE verbal, quantitative, and writing tests. You MUST include GRE scores in your application package (no exceptions). TOEFL scores are also required if your native language is not English.
- Minimum college GPA (or equivalent) of 3.0 (out of 4.0) on the last 60 semester or 90 quarter credits.
- Prior teaching experience and publications are preferred, but not required

### **How can you apply for graduate admission?**

Your application package includes a completed application form, official B.S. and M.S. transcripts, GRE scores, TOEFL scores (if applicable), names and e-mail addresses of three professional references who will be contacted by the Graduate School, your curriculum vitae highlighting your qualifications and achievements, and a typed, double-spaced writing sample (2-3) pages describing your academic interests, career goals, and work and study experience. For the detailed application procedures and deadline information, please refer to <http://rgs.usu.edu/graduateschool/apply/>.

### **Contact:**

Detailed information about the USU Department of Engineering Education and our Ph.D. program can be found at <http://www.eed.usu.edu/>. If you have interest or questions regarding your application, please contact Professor Ning Fang at Utah State University at [ning.fang@usu.edu](mailto:ning.fang@usu.edu).