

Chris Carroll, Ph.D., Assistant Professor – Graduate Assistant Position Opening

Position Description:

One (1) graduate assistantship at the master's level is available beginning in July of 2016 for 24 months in the area of Engineering Education. The focus of the research project is the implementation of application-based learning opportunities in middle and high school math classes focused on various disciplines of engineering. The primary responsibilities of the graduate student will be to development learning modules related to engineering that align with the common core curriculum in 8th, 9th, and 10th grade math, develop professional development opportunities for corresponding teachers, and to assess the impact of the program on engineering awareness of both teachers and students along with the impact on student learning. The graduate student will work closely with the principal investigator, academic specialists and math teachers of the corresponding school system, and an educational assessment consultant.

Minimum Qualifications:

Bachelor's degree in engineering from an ABET accredited institution.

Preferred Qualifications:

Minor in mathematics

Tutoring experience with middle and high school students

Compensation:

\$1,500/mo stipend

12 credit hours tuition/year

Student health insurance

Additional Information:

Interested individuals should send a resume and one page summary of their interest in engineering education and the position to Dr. Chris Carroll at carrolljc@slu.edu.

More information about the graduate program can be found here:

<http://parks.slu.edu/academics/grad-programs/>.