

TEXAS TECH UNIVERSITY POSTDOCTORAL POSITION IN ENGINEERING EDUCATION

Applications are sought for a postdoctoral research associate to support an innovative engineering educational program, DREAM (Developing Reflective Engineers through Artful Methods). The position will be for 12 months renewable subject to funding and performance. The DREAM initiative is led Dr Danny Reible (NAE), Donovan Maddox Distinguished Engineering Chair and includes engineering faculty as well as faculty from psychology, education and the Texas Tech Museum. Applicants must hold a doctoral degree and possess an interest in furthering engineering education and the application of engineering to solve community and societal problems. The successful candidate will be expected to assist in the development of a graduate engineering program employing visual and creative arts and introspection to create reflective engineers more appreciative of the context and implications of their work and to test the program by guiding students through exercises in engineering design addressing specific community problems. The primary goal of the proposed activities is to test the hypothesis that the implementation of artful training methods in education can improve engineering students' understanding of ethical and socioeconomic challenges through reflective thinking.

Please submit an application to Danny Reible (danny.reible@ttu.edu) including [1] a cover letter, [2] detailed curriculum vita, [3] a statement of interests and professional goals, and [4] the names, physical and email addresses, and telephone numbers of three references. Review of applications will commence immediately and will continue until the position is filled. Full consideration will be given to applications received by August 15, 2016. It is anticipated that the appointment will begin in the fall of 2016.

As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally-diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community at Texas Tech University. The university welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.