

Title: Graduate Project Assistant

Project: Culture, Cognition and Evaluation of STEM Higher Education Reform
(CCHER – PRJ18KN)

Period: January 16, 2012 – August 31, 2012

Appointment level: 10 hours/week

Salary: UW PA rate (\$16.56/hour)

Project Description: The Culture, Cognition, and Evaluation of STEM Higher Education Reform (CCE) project is seeking one reliable and motivated individual to fill a position beginning on January 16, 2012. This project will investigate how the cognitive, cultural, and contextual attributes of Institutions of Higher Education (IHEs) influence individual science, technology, engineering, and mathematics (STEM) faculty decisions about teaching undergraduate classes. Please see the project website for more information: <http://ccher.wceruw.org/>

Responsibilities: The successful applicant will assist project staff in preparing samples for survey research, administering a web-based survey instrument, assisting with data preparation and management for quantitative analyses, and assist with data analysis and manuscript preparation.

Qualifications:

- Experience with preparing samples for survey/questionnaire research;
- Ability to manipulate data sets, such as merging data sets, recoding and computing variables, etc;
- Experience with quantitative data analysis, especially multiple regression;
- Strong analytical skills, creativity, and the ability to synthesize complex information;
- Proficient with the Qualtrics survey program (or the ability to learn quickly), Microsoft Access and/or Excel and bibliographic software (e.g., Endnote, Refworks);
- Demonstrated experience with academic writing in the social sciences, particularly in summarizing a field in inquiry in a concise yet comprehensive manner

Preferred Skills:

- Experience with hierarchical linear modeling (HLM);
- Experience using SPSS;
- Strong organizational skills, detail-oriented, and ability to juggle multiple responsibilities effectively;
- Strong communication skills, particularly in writing for academic audiences;
- Strong interest in one or more of the following topics: teaching in higher education, organizational change and improvement, or organizational culture

Expectations for this position are that the selected individual will perform at an extremely high level, and contribute in a substantive way to the analysis and dissemination of study

findings. To be considered for this position, please provide a letter describing your qualifications, a resume, a sample of academic writing, and a list of 2 references to: ProjectAssistant0009@workspace.wcer.wisc.edu