

September 29, 2017

Undergraduate and Graduate Research Assistant Position(s)

Drs David Burgess and Jeff Solheim, in the Department of Educational Administration, are currently seeking up to three highly motivated and independent undergraduate, or full- or part-time Master's or PhD students willing to be mentored and trained in the core elements of successful research, as research assistant on a research project focused on *factors affecting student achievement in mathematics*. An hourly wage will be paid to the successful applicant(s) at the current undergraduate or graduate student rates, commensurate with level of education. Background in mathematics, statistics, or quantitative research methods is required.

The purpose of the study is to (a) collect data from existing research literature focused on predefined factors affecting student achievement in mathematics, and (b) populate a database with the data collected for use in Bayesian network analysis of schools. Under the direction of Dr Solheim, the successful applicant(s) will be involved in collecting background research literature specific to the predefined factors, maintaining accurate bibliographic records, reading and understanding the analysis found within collected material, and recording data from this analysis for the purpose of constructing a Bayesian network and potentially other meta-analyses. Depending on resources available, the successful applicant(s) will assist in the writing and dissemination of meta-analyses findings. The aforementioned training and mentorship opportunities provided will enable the successful applicant(s) to develop academic skills and research experience that ideally facilitate higher learning opportunities.

All undergraduate or full- and part-time graduate students (course-based, project, thesis, doctoral) with a minimum average of 80% and a background in mathematics, statistics, or quantitative research are encouraged to apply. Hiring will commence when a suitable candidate is recruited. Interested applicants should submit a cover letter and resumé/curriculum vitae, along with three references, to Dr Solheim in the Department of Educational Administration by October 15, 2017. Application packages can be submitted electronically and review will remain open until the position is filled.

Dr David Burgess

Associate Dean
(Research, Graduate Support, and
International Initiatives)

Dr Jeff Solheim

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