

**Title:** Research Associate (Postdoctoral)

**Contact\_Department:** Wisconsin Center for Education Research

**Salary:** \$50,000

**Percent\_Time:** 100

**Begin\_EndDates:** 10/01/10 - 9/30/12

**Contact\_Name\_Address:** Mary Hegge Human Resources Manager Wisconsin Center for Education Research

**Contact\_Phone:** 608-262-9173

**Contact\_Email:** [Postdoc0001@workspace.wcer.wisc.edu](mailto:Postdoc0001@workspace.wcer.wisc.edu).

**Requirements:** Qualified applicants will have earned a doctorate degree in psychology, learning sciences, educational psychology, mathematics education, or related areas, have experience with data collection in experimental or field-based settings, strong data analysis skills, and a record of preparing scholarly papers and presentations. Applicants should be US citizens or permanent residents.

**Job\_Duties:** The University of Wisconsin-Madison Wisconsin Center for Education Research (WCER) is proud to announce a new National Center for Cognition and Mathematics Instruction, funded by the U.S. Department of Education's Institute of Education Sciences. The focus of the Center is to use well-established cognitive principles of learning, assessment and curriculum design to guide the redesign of an existing mathematics curriculum and then investigate the impact on learning and transfer in small-scale experiments and large-scale efficacy studies. Our focus is on the integration of verbal and visual information in both design and instruction. We are currently seeking a highly qualified post-doctoral researcher to join our center and play an integral role in research activities here at UW as well as interactions with our colleagues of the Center from other campuses. This position has multi-year funding and we are asking for an initial commitment of two years. Applicant would be expected to pursue a research agenda addressing the integration of verbal and visual information in mathematics learning using experimental approaches and other research methods. Experience with gesture research is a plus. The applicant would also contribute to on-going activities involving the redesign of math curricula using cognitively based principles of learning and instruction. Review of applications will begin on October 1, 2010 and will continue until the position is filled. The starting date is negotiable. Applicants should be US citizens or permanent residents. Please send (a) a letter that summarizes your research experiences; (b) curriculum vitae; and (c) two publications or manuscripts to: [Postdoc0001@workspace.wcer.wisc.edu](mailto:Postdoc0001@workspace.wcer.wisc.edu). Also arrange for three letters of reference to be sent. If you require further information, please do not hesitate to contact the Principal Investigators: Mitchell Nathan (PI), [mnathan@wisc.edu](mailto:mnathan@wisc.edu); Martha W. Alibali (Co-PI), [mwalibali@wisc.edu](mailto:mwalibali@wisc.edu). Please, send all materials to the above workspace address.

**Deadline:** October 1, 2010