

Peabody College

Department of Teaching and Learning

**POSTDOCTORAL RESEARCH POSITION at Vanderbilt University** beginning fall 2012. **Applications are strongly encouraged from individuals whose research interests are** situated at the intersection of research on the teaching and learning mathematics and policy and leadership. Applicants might have a background in mathematics education or a related field and an interest in improving the quality of mathematics teaching at the scale of a large school district. Alternatively, applicants might have a background in educational policy and/or leadership and an interest in issues of mathematical content and pedagogy at the classroom level.

**The position involves participating in a NSF-funded project that is investigating** school and district supports for middle-school mathematics teachers' development of ambitious instructional practices. The supports of interest include ambitious curricula and associated curriculum frameworks, teacher networks and collaborative groups, mathematics coaching, school instructional leadership, and district leadership. The project involves both qualitative and quantitative components and is being conducted in close collaboration with leaders in two urban school districts that have developed comprehensive improvement plans for middle-school mathematics. For additional information about the project please visit <http://www.peabody.vanderbilt.edu/mist.xml>. The **postdoctoral fellow** will collaborate with principal investigators Paul Cobb, Thomas Smith, and Ilana Horn, **and will participate in all phases of the project including: designing and co-leading professional development for school leaders, mathematics coaches, and teachers; developing instruments; data collection, analysis, and the publication of results. The principal investigators will encourage the postdoctoral fellow develop publications that build on his or her emerging research agenda.**

Applicants should have an earned doctorate in mathematics education, policy and leadership, or a related field. Applicants will ideally have expertise in and experience with qualitative data analysis, quantitative data analysis, or both methodologies. The position carries a stipend of \$50,000 per year plus health insurance coverage and has the possibility of renewal for up to three years. Review of applications will begin November 8, 2011 and will continue until the position is filled. Please submit application materials electronically to Ms. Summer Talbert at [summer.k.talbert@Vanderbilt.Edu](mailto:summer.k.talbert@Vanderbilt.Edu). The materials should include: a letter of interest, no more than two publications (or manuscripts in progress), and current vita. In addition, please arrange for three referees to send letters of reference to: Paul Cobb, Chair, MIST Post Doc Search Committee, Vanderbilt University, Peabody #230, 230 Appleton Place, Nashville TN 37203-5721. Inquiries should be sent to: [paul.cobb@vanderbilt.edu](mailto:paul.cobb@vanderbilt.edu). Prospective applicants are encouraged to visit the Vanderbilt Peabody College website at <http://peabody.vanderbilt.edu/>.

Vanderbilt University is an equal opportunity, affirmative action Institution committed to cultural diversity and compliance with the Americans and Disabilities.