

Post-doctoral position(s) available with University of Maryland's Center for Mathematics Education and the Maryland site of the Mid-Atlantic Center for Mathematics Teaching and Learning (MAC-MTL).

Community:

- More than 18 full-time doctoral fellows studying mathematics education, plus other part-time students, and masters candidates.
- 6 faculty members, two post-doctoral fellows in 2004-2005.
- Partner school districts.
- Partner MAC-MTL universities, The University of Delaware and The Pennsylvania State University, with their doctoral students, faculty, and partner schools.

Nature of the post-doctoral fellowships:

These positions are two-year positions. Post-Doctoral fellows will be able to choose to be involved in some number of MAC-MTL and other externally funded research projects. Teaching opportunities in preservice teacher education and inservice masters level work are available. Post-doctoral fellows will also be expected to write from prior projects and/or to initiate their own projects. The mix of these activities will be negotiated with the faculty of Maryland's Center for Mathematics Education.

Research opportunities:

- Developing case study protocols for examining the situation of urban teachers of Algebra 1.
- Developing instrumentation for a quantitative study of teacher knowledge and its links with student achievement.
- Examining the experience of mathematics education doctoral students in specially designed coursework for mathematics educators.
- Developing representations of algebra instruction for use with focus groups of algebra teachers and for examination of the practical rationality of mathematics teachers.
- Studying impact of elementary mathematics specialists.
- Work on high school curriculum development projects.

Teaching opportunities:

- Pre-service teacher education coursework at the elementary and secondary levels.
- Integrated content and methods courses for elementary-certified, middle-grades teachers.
- Supervision of student teachers in secondary mathematics education.

Requirements:

- Earned doctoral degree relevant to mathematics education with a dissertation whose focus is on mathematics education or doctorate in mathematics with experience and interest in K-12 mathematics education.
- Interest in work with urban schools.
- Desirable: K-12 teaching experience, masters-level coursework in mathematics.

To inquire:

Send a CV and a cover letter with your interests and goals to:

Dr. Anna Graeber
Center for Mathematics Education
University of Maryland
2226 Benjamin Building
College Park, MD 20742

To visit our centers virtually, visit:

<http://www.education.umd.edu/EDCI/MathEd/>

and

<http://www.education.umd.edu/mac-mtl/>

The University of Maryland is an equal opportunity, affirmative action employer. It is committed to increasing the representation of women and minority groups on its faculty and particularly encourages applications from these groups.