

Post-Doctoral Researcher – University of Delaware

The U-TEMPT (University Teaching Experience Model for Prospective Teachers) project seeks a post-doctoral researcher to participate in a study of an innovative model of early field experience for prospective secondary mathematics teachers to be implemented at three university-based teacher preparation programs (Michigan State, University of Delaware, and the Pennsylvania State University). The model involves providing mentorship to prospective teachers early in their preparation programs as they teach in field placements within the context of undergraduate, freshman-level mathematics courses. This is a four-year, National Science Foundation–funded study (IUSE, Award #151532) led by Dr. Kristen Bieda (Michigan State), Dr. Fran Arbaugh (the Pennsylvania State University) and Dr. Michelle Cirillo (University of Delaware). The post-doctoral researcher will work most closely with Dr. Cirillo at University of Delaware in the Department of Mathematical Sciences.

The position is full-time (100% appointment) for 12 months beginning August 16, 2018 and has the possibility of extension for up to two additional years, pending funding. The post-doctoral researcher will work half-time on the research project and teach three courses in the Department of Mathematical Sciences during a 12-month period. The post-doctoral researcher will participate in all phases of the project, including: data collection, data analysis, dissemination (including publications, conference presentations, and online media). Additionally, PI Cirillo will work with the researcher to disseminate work that builds on the post-doctoral researcher's emerging research agenda. The post-doctoral researcher must be willing to work collaboratively with the project team at the University of Delaware as well as support the work of collaborative partners at Michigan State and the Pennsylvania State University. The post-doctoral researcher will also be expected to travel to support dissemination of results, as well as to support data collection and analysis efforts at all sites as needed. The researcher will need his/her own transportation to collect data at local secondary school sites.

In interested, please contact Dr. Michelle Cirillo (mcirillo@udel.edu).

Required Qualifications:

Earned doctorate in Mathematics Education or a related field. Expertise in mathematics teaching and learning in one or more of the following areas: secondary mathematics education, undergraduate mathematics education, or teacher preparation.

Preferred Qualifications:

Master's Degree in Mathematics or a related field. Strong preparation in qualitative and/or quantitative research methods. Experience teaching secondary mathematics, secondary mathematics methods, or undergraduate mathematics courses. Experience on externally funded grants.

Required Application Materials:

Please send, as a single PDF file, a cover letter, CV, names and contact information for three references, and one representative publication to mcirillo@udel.edu using the email Header: Post-Doctoral Application. Application review will begin on February 9th and continue until the position is filled.