

**Mathematics Education Post-Doctoral Researcher**  
**Department of Mathematical Sciences**  
**University of Delaware**

The University of Delaware Department of Mathematical Sciences is seeking a mathematics education post-doctoral researcher to work with a team of researchers and teachers on “Supporting Teachers to Teach Mathematics Through Problem Posing,” an NSF-supported 4-year longitudinal research project. This project will investigate the promise for teachers’ instructional practice and students’ learning of supporting teachers to teach using mathematical problem posing.

The position is full-time, 12 months, is benefits eligible, and has the possibility of extension for up to two additional years, pending funding and positive performance reviews. The work will include observing and recording classroom instruction, analyzing video and student assessment data, and writing research papers for publication. The post-doctoral researcher’s appointment will be in the Department of Mathematical Sciences but will join a thriving, research active [group in Mathematics Education](#) at the University of Delaware.

Qualifications: Candidates must have a doctoral degree in Mathematics Education or a related field by August 31, 2022. This position would be desirable for candidates who are interested in professional learning for teachers, and mathematical problem posing, but expertise in these areas is not required.

To apply, please send the following materials to Professor Jinfa Cai ([jcai@udel.edu](mailto:jcai@udel.edu)):

- (a) a cover letter,
- (b) a CV including a full publication list, and
- (c) the names and contact details of three references.

Applications should be submitted no later than May 31, 2022. Review of applications will be ongoing. Applications are open until the position is filled.