

## **Strategies for Developing Special Education Preservice Teacher Competencies in Integrated Mathematics + Computing**

This subaward is intended to support the research related to preparation of preservice special education teachers in the area of integrated mathematics and computing.

Dr. Israel will collaborate with Drs. Yadav and Bouck on the following:

- 1) Development of instructional materials for use in preservice special education mathematics methods courses related to integration of CT into math instruction as well as instructional strategies that support academically diverse learners in CS education;
- 2) Design the research study, data analysis, and interpretation of findings; and
- 3) Dissemination of research findings.