

**The Mathematics of Doing, Understanding, Learning and Educating for Secondary Schools**

(MODULE(S2)) project is a collaborative research grant with personnel from multiple universities across the country. The project will create course materials that will be used to develop preservice teachers' mathematical knowledge as it relates specifically to the work of teaching geometry, statistics, algebra, and modeling. These modules will be used in university mathematics courses and piloted with faculty at universities and colleges of all types across the United States. The project will promote effective instruction by offering professional development activities for faculty using the modules during the summers and the school year. Additionally, the project will investigate the impact of instruction with the modules on preservice teachers' knowledge and inform nationwide efforts in teacher education. This five year project will build on efforts by the Mathematics Teacher Education Partnership (MTE-P) to create a gold standard for the preparation of secondary mathematics teachers across its 90 member universities.

UA PI and Co-PI  
**Jason Aubrey**, PI  
**Cynthia Anhalt**, Co-PI

**AWARD DETAILS:**

[https://www.nsf.gov/awardsearch/showAward?AWD\\_ID=1726098&HistoricalAwards=false](https://www.nsf.gov/awardsearch/showAward?AWD_ID=1726098&HistoricalAwards=false)