Education & Workforce Training
Data Science for Public Good (DSPG)

Working with Cooperative Extension Service (CES) professionals

- 10-week immersive summer student program working on applied community-focused research teams to execute a collection of collaboratively constructed data science projects in partnership with local rural community stakeholders focused on integrating AI into agriculture

Teams are

- Vertically integrated – undergraduate and graduate students, post-docs, research faculty and staff, Extension professionals, and community leadership,, e.g., Local govt officials and NGOs

- Horizontally integrated across disciplines with expertise across diverse fields of study related to rural communities, and research areas of interest to USDA.

- Professional training in data science in essential tools for statistical computing, including Hadoop, R, Python, and GIS and discipline-specific context, e.g., social science,

- One-on-one mentoring by faculty researchers and others

- End-of-program DSPG Symposium, students present research