HACU National Internship Program (HNIP)
Spring 2026
U.S. Department of Agriculture (USDA)

The Agricultural Research Service (ARS) is the U.S. Department of Agriculture's chief scientific in-house research agency. Their job is finding solutions to agricultural problems that affect Americans every day from field to table.

POSITION TITLE: GIS Mapping Technician

INTERNSHIP LOCATION: Beltsville, MD (hybrid)

HOURS: flexible

DESIRED MAJORS: Environmental science, geography, computer science or similar fields.

ASSIGNMENTS:

- Utilize geographic information systems (GIS) software to perform technical GIS activities
- Compile, input, and modify computer maps and data collection apps
- Collect in-field data using GPS and ESRI Field Maps application
- Maintain organized records of mapping processes and completed projects, ensuring easy access for team members
- Convert CAD files into shape files and confirm physical locations in the field using GPS

DESIRED SKILLS:

- Produce quality and safety during postharvest practices
- Familiarity with the methods and practices of biological science (plant pathology biochemistry, microbiology)
- Knowledge of safe laboratory procedures