

Grant Project Descriptions

University of Louisville Research Foundation, Inc., Louisville, KY

Organization Type: Institution of Higher Education

Project Name: *Modern Apprenticeship Pathways to Success (MAPS)*

Award Amount: \$3,999,999

Target H-1B Industry Sector(s): Advanced Manufacturing, Healthcare and Information Technology

Target H-1B Occupations: Cybersecurity and Artificial Intelligence

Credential(s) Awarded: Associate, Bachelor's, and Master's degrees

New or Existing Apprenticeship Program: The proposed project includes building new apprenticeship programs. We currently have 49 work-based experiences (e.g., internships, co-ops) across the three target industries. The work of the grant will involve re-designing these to meet the qualifications for an apprenticeship.

Cybersecurity and AI: Both

Summary of Apprenticeship Program Activities: The **University of Louisville Research Foundation, Inc.** was awarded \$3,999,999 to support the *Modern Apprenticeship Pathways to Success (MAPS)* program. MAPS will build on long running collaborations with the region's manufacturing, healthcare and information technology industries to expand the growing presence of the tech-based hubs and spokes within a stretch of Interstate 64 from Louisville to St. Louis and Interstate 65 throughout Kentucky and into Southern Indiana, particularly in cybersecurity. The program is designed with academic and professional maps to seek career pathways through apprenticeships that lead to highly skilled, high paying workforce positions among the three defined industries. The Apprenticeship Partnership leverages partnerships with both regional collaboratives and national workforce organizations, which includes the Louisville Tech Alliance (LTA), IT; the Health Careers Collaborative of Greater Louisville (HCCGL); Healthcare; and the Kentucky Manufacturing Career Center (KMCC), Advanced Manufacturing and employer partners such as GE Appliances, UPS, Humana, Trilogy, and Interapt. The program will develop 49 apprenticeship programs that will engage 4,000 students, specifically learners who are military service members, veterans, their dependents, and underrepresented minorities. The program has a Regional geographic scope, providing services to participants located in Kentucky and Missouri including those in Opportunity Zones.

Geographic Scope: Regional

Service Area: Louisville, KY; St. Louis, MO; Fort Knox and Elizabethtown, KY

Opportunity Zone: Yes

Proposed Number of Apprentices Served: 4,000

Target Population: Members of the military (both active and retired), their dependents, and underrepresented minorities.

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