

## Maryland Tech Connection Project Abstract

1. **Lead Applicant Name:** Anne Arundel Workforce Development Corporation

2. **Lead Applicant City/State:** Millersville, MD

3. **Primary Partnership Entities:**

Workforce Investment Systems

Training Providers

Businesses

4. **Areas Served by Grant (by city, county, and state):**

**Maryland Counties:** Anne Arundel County, Baltimore City, Baltimore County, Calvert County, Carroll County, Cecil County, Charles County, Frederick County, Harford County, Howard County, Montgomery County, Prince George's County, St. Mary's County

5. **Total Funding Level Requested:** \$9,995,047

6. **Project Name:** Maryland Tech Connection

7. **Summary of Program Activities and List of Credentials to be Awarded:**

Maryland Tech Connection (MTC) will take a dual approach to serving long-term unemployed by utilizing a demand-driven system with twenty-two business partners and a comprehensive wrap-around services structure to address unique barriers of the long-term unemployed and assist them in preparing for middle and high skilled occupations in information technology and biosciences. MTC will serve 975 individuals through intensive coaching and job placement services, short-term occupational training, and career pathways skills training. 85% will be long-term unemployed, 10% will be individuals unemployed over 19 weeks, and 5% will be incumbent workers.

A unique Career Re-Start bootcamp will be delivered to all unemployed enrollees that will help individuals reimaging their job search and develop a dynamic self-marketing portfolio. Specialized services will be included surrounding trauma-informed services, public benefits application, hands-on career exploration, and financial education and coaching.

Strong industry engagement will be key in the process, and businesses will engage in focus groups surrounding H-1B hiring topics, reducing stigma towards long-term unemployed in recruiting practices, and continual guidance on program design and delivery through a Business Advisory Board and Annual Meetings.

Certifications or Credentials to be Awarded dependent of customized track

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Short-Term IT Certifications in Programming/Software Development, Systems Administration and Analysis, Cloud Technologies, Information Assurance, and Healthcare IT

Short-Term Biosciences Credentials: Green Belt Process Improvement, Protein Purification, Process Development, and Overview of Clinical Trials, Lab Associates Certification, BioWorks Industry-Skills Certification

Career Pathways Biosciences Credentials: Certificate in BioTechnology

Career Pathways IT Credentials: STEM Consortium Cyber Technology Certificate, Cyber Foundations Certificate, Cybersecurity Certificate, Cyber Development Certificate

**8. Populations to be Served:** Long-term unemployed (85%), individuals unemployed at least 19 weeks (10%), and incumbent workers (5%)

**9. Targeted H-1B Industry(s)/Occupations:** Information Technology and Biosciences

**10. Required Employer Partner(s):**

Advanced Threat Analysis, Assevero Security Consulting, ATK, Digit All Systems, Dunbar Cybersecurity, Eagle Alliance/CSC, Embedded System Design, Inc., FuTech, iJET, Interclypse, Inc., Johns Hopkins University, Leidos, Magothy Tehcnology, Navteca, Paragon BioServices, PathSensors, PKW Associates Inc., Sofiac, St. Mary's MedStar Hospital, University of Maryland, Baltimore, University of Maryland, Charles Regional Medical Center, ZeroFOX

**11. Additional Key Partner(s):**

AARP Foundation; Abell Foundation; Anne Arundel Community College; Anne Arundel Economic Development Corporation; Arundel Lodge, Inc.; Baltimore City Mayor's Office of Employment Development; Baltimore BioWorks; Baltimore County Department of Economic and Workforce Development; Biotechnical Institute of Maryland; Cecil County Office of Economic Development; Chesapeake Regional Tech Council; City of Rockville Economic Development; College of Southern Maryland; Community College of Baltimore County; Economic Alliance of Great Baltimore; Fort Meade Alliance; Frederick Workforce Services; Harford Community College; Howard Community College; Maryland CASH Campaign; Maryland Department of Business and Economic Development; Maryland Department of Labor, Licensing and Regulation; MdBio Foundation; Mid-Maryland Workforce Investment Area; Montgomery College; Montgomery County Workforce Investment Board, Inc.; Morningstar Baptist Church; People 4 People; Prince George's County Economic Development Corporation; Seedco; Society of Human Resource Management (SHRM), Maryland Chapter; Susquehanna Workforce Network, Inc; The Patuxent Partnership; Tri-County Council for Southern Maryland; UMBC Training Centers; Workforce Excellence Group

**12. Public Contact Information:** Heather Henry, Vice President of Strategic Initiatives, Anne

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