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EARN Maryland 2014 Implementation Grant Awardees Strategic Industry Partnerships

BioTechnology

1) BIOTrain

Lead Applicant: Montgomery College

This Partnership addresses a lack of practical laboratory experience among recent college graduates and a steady need for a qualified talent pool brought on by growth, attrition, and promotion in the target industry. Both incumbent and entry-level workers will be trained in scientific procedures including protein purification, clinical trials, and green belt processing. Job readiness is offered as part of a critical strategy to provide career opportunities and meaningful career pathways. Recruiting the unemployed through local workforce partners is a major focus.

Industry Partners: MedImmune LLC, Athena ES, MaxCyte, Inc., Aerotek Scientific, EMMES Inc., Vaxin, BioReliance, Quality Biological, and Amarex Clinical Research.

Other Partners: MDBio, BioMaryland, Montgomery County Dept of Economic Development, Montgomery County Workforce Investment Board, and Montgomery College.

2) Biotechnology Baltimore Strategic Industry Partnership

Lead Applicant: BioTechnical Institute of Maryland, Inc. and Baltimore BioWorks, Inc.

Bioscience in greater Baltimore is expected to add 6,000 new jobs to the region by 2020. A large percentage of these jobs are non-college degreed positions. This Partnership's innovative plan expands industry-designed vocational training for bio-technicians through a combination of classroom instruction, hands-on instruction, and on-the-job work experience. Job readiness will be offered. Recruitment pipelines include several Baltimore City Public Schools.

Industry Partners: Baltimore BioWorks, Inc., Becton-Dickinson, BioTechnical Institute of Maryland, Emergent BioSolutions (formerly Cangene bioPharma), Fyodor Biotechnologies Corporation, Glicknik, Paragon Bioservices, PathSensors, Sharing Science, University of Maryland Bioresco (CORE Facilities), and Washington Biotechnology.

Other Partners: Baltimore City Community College, U of MD, Center for Community-Based

Engagement; Pro-Science Consultants (formerly Morgan State University), University of Maryland BioPark, Joblink of Maryland, Inc., Maryland Business Roundtable, Maryland Manufacturing Extension Partnership (MEP), Office of Learning to Work/Career & Tech Education (Baltimore City Public Schools), Sherreal Hammond-Training Partner Advocate, and The Abell Foundation.

Construction

3) Suburban Maryland Construction Initiative

Lead Applicant: Finishing Trades Institute

Major infrastructure projects, including a new casino, a new hospital complex, and development of surrounding area Metro Stations, will support a considerable need for ready-to-work construction workers in the target region. This Partnership addresses industry workforce shortages reportedly due in part to high drop-out rates in apprenticeship programs. Successful completion of these programs and support for quality pre-apprenticeship programs are priorities, as is continuing education for incumbent workers. Creative recruitment of non-traditional groups of potential workers -- veterans, women, minorities and ex-offenders -- is a major focus.

Industry Partners: Clevenger Corporation, Tidewater Glazing, Mid Atlantic Painting & Wallcovering, Central Glass & Mirror, Ridgeview Glass, Mid-Atlantic Carpentry Training Centers, District 51 Finishing Trades Institute, Sheet Metal Workers Local 100 DC & Vicinity Training Center, DC Building Trades Council & Community Services Agency, and Metro Washington Council, AFL-CIO.

Other Partners: Community Services Agency, Metro Washington Council, AFL-CIO, and Mid-Atlantic Carpentry Training Centers.

4) BIM Technology for the Incumbent Worker in the Construction Industry

Lead Applicant: Towson University Division of Innovation and Applied Research

Employment in Maryland's construction industry is expected to grow by 8.5% in the coming year. The projected demand for construction workers may exceed 17,000 openings, including replacement hiring for turnover, by 2020. This Partnership will train incumbent workers in "Building Information Modeling" (BIM), a specific, industry-identified skills need. Professional occupations associated with BIM integration are construction managers, architects, and engineers.

Industry Partners: Plano Coudon, Morgan Keller, Kimball Construction, CIANBRO, and Ayers Saint Gross.

Other Partners: Community College of Baltimore County, Anne Arundel Workforce Development Corporation, Baltimore County Division of Workforce Development, Susquehanna Workforce Network, Maryland Center for Construction Education and Innovation, National Electrical Contractors Association, Maryland Chapter, Independent Electrical Contractors, and Associated General Contractors, Maryland Chapter.

5) **Project JumpStart Construction Industry Partnership**

Lead Applicant: Job Opportunities Task Force (JOTF)

Targeting Baltimore City and Prince George’s County, this Partnership tackles the industry workforce shortages noted in the Opportunity Collaborative’s “*Regional Talent Development Pipeline Study.*” Project JumpStart will train using a pre-apprenticeship model with a strong job readiness push, meant to prepare individuals for the rigors of a trade apprenticeship. The Partnership will pursue a talent pipeline for the unemployed and other underserved populations.

Industry Partners: Associated Builders & Contractors Baltimore Metropolitan Chapter, Hirsch Electric, Tissa Enterprises Inc., Benfield Electric, C.L. McCoy Framing Company, Southway Builders, Scaffold Resource, and Whiting Turner Contracting.

Other Partners: Catholic Charities, Mayor's Office of Employment Development, and Baltimore City Workforce Investment Board.

6) **Marine Trades Industry Partnership**

Lead Applicant: Marine Trades Association of Maryland

With an aging workforce, the marine trades industry faces a skills shortage for working boatyards, marinas, and contractors. This unique partnership awards successful completion of job readiness and customer service training for entry-level workers with paid internships offering vital on-the-job experience. Incumbent industry workers will be certified in travel lift operation and qualified for potential wage increases. High school students, post-secondary graduates, and veterans will be actively recruited.

Industry Partners: Annapolis School of Seamanship, Baltimore Boating Center, Bay Shore Marina, Bert Jabin's Yacht Yard, Chesapeake Bay Magazine, Drum Point Marina, Hartge Yacht Harbor, Haven Harbour Marina, Herrington Harbour Marinas, Port Annapolis Marina, Rockhold Creek Marina, Scandia Marine Service, Spring Cove Marina, and Tidewater Yacht Service Center.

Other Partners: American Boat and Yacht Council, Annapolis Economic Development Corporation, Anne Arundel Workforce Development Corporation, and Eastport Yacht Club Foundation.

Cybersecurity / IT

7) **IT Center for Excellence: Preparing Rural Western Maryland for the Future**

Lead Applicant: Allegany College

A key economic goal in Western Maryland is to expand the number of technology-related businesses in the region-- and they've nearly completed building the physical infrastructure. This Partnership will train both entry-level and incumbent workers in critical network integrity aspects, project management and software development. Job readiness internships for college students will develop a trusted technology-ready pipeline for partnership employers for years to come.

Industry Partners: Exclamation Labs, Willetts Systems, Biser Network Security LLC, IBM, Western Maryland Health System, and Allegany County Government & Information Technology, Allegany County Public Schools.

Other Partners: Allegany College, Frostburg State University, Center for Career & Technical Education (CTE) Allegany County Public Schools, National Institute of Training & Technology, Tri-County Council for Western Maryland, Allegany County Chamber of Commerce, DBED Regional Business Representative, Western Maryland Consortium, Economic Development Coordinator City of Cumberland, Director of Community Development City of Frostburg, and Economic & Community Development Allegany County.

8) CyberWorks

Lead Applicant: Anne Arundel Workforce Development Corporation

This Partnership takes on tough issues facing the cybersecurity industry in Maryland. Blending defense and commercial interests to form an authoritative training plan, the regional consortium offers both technical and practical skills-training tailored to industry needs. The extensive difficulty surrounding security clearance requirements is confronted through vigorous recruitment of cleared transitioning military personnel. Job readiness with wraparound career support will be offered and uncommon on-the-job training unique to each industry partner provides valuable hands-on experience.

Industry Partners: Dunbar Armored, Advanced Threat Analysis, Asservo Security Consulting, Brown's Communications Inc., Digit All Systems, Erimax Inc., Interclypse Inc., Navteca, Northrup Grumman, Praxis Engineering, Sofiac, and ZeroFOX.

Other Partners: Anne Arundel Community College, UMBC Training Centers, Harford Community College & University of Maryland University College, Anne Arundel Workforce Development Corporation, Anne Arundel Economic Development Corporation, Chesapeake Regional Tech Council, Fort Meade Alliance, Howard County Office of Workforce Development, LifeJourney USA, and Southern Maryland Black Chamber of Commerce.

Green Industry

9) Water and Wastewater Career Development Partnership of Central Maryland

Lead Applicant: Maryland Environmental Service (MES)

The wastewater's industry employment demands are cresting over. More environmentally friendly regulations, growing concerns over the health of the Chesapeake Bay, and an aging workforce are all increasing demand for trained workers. In Maryland, water and wastewater operators must be state certified, meeting increasingly complex educational and experiential requirements. This Partnership trains entry-level workers and current employees in job readiness and the applied mathematics needed to pass the crucial State Certification Exam. They are using targeted strategies for successful test-taking, with proven results. Recruiting Maryland's veterans for training is a priority.

Industry Partners: Anne Arundel Co, DPW, Calvert County, DPW, Charles County, DPW, and St. Mary's County Metropolitan Commission

Other Partners: Maryland Center for Environmental Training, College of Southern Maryland, Maryland Rural Water Association, and Anne Arundel Workforce Development Corporation.

10) Baltimore Green Strategic Industry Partnership

Lead Applicant: Civic Works

The strategic planning phase efforts revealed a high demand for residential energy efficiency in the Baltimore region fueled by a high concentration of inefficient buildings, strong public policies, and increased consumer awareness. The Partnership will train both entry-level and incumbent workers in critical occupations including installers, mid-level crew chiefs, and professional level energy analysts. On-the-job training will be featured. Job readiness will be offered to unemployed and hard-to-serve trainees.

Industry Partners: Civic Works, Efficiency First Maryland, DeVere Insulation Home Performance, Elysian Energy, Green & Healthy Homes Initiative, greeNEWIT, Hawkeye Construction, Home Energy Loss Professionals, EcoMize USA, Minnick's, and ZeroDraft Maryland.

Other Partners: Baltimore City Community College, Baltimore City Mayor's Office of Employment Development, Baltimore Development Corporation's Small Business Resource Center, The Abell Foundation, and Episcopal Community Services of Maryland.

Healthcare

11) Healthcare Workers RX for Employability

Lead Applicant: Montgomery Business Development Corporation

Within the next five years, two new hospital campuses will open in Montgomery County. Healthcare occupations are projected to be the largest source of employment growth, some 18% of net new jobs in the region. This Partnership examines workforce pipelines and training for healthcare careers in entry-level occupations, including sterilization technicians and pharmacy technicians. Enhanced training and clinical experiences for certain targeted occupations will also be developed. Incumbent worker training is offered for medical coding.

Industry Partners: Adventist HealthCare, Mid-Atlantic Kaiser Permanente, CVS/Caremark, Hopkins Medical -- Suburban Hospital, NIH Clinical Center, Holy Cross Hospital, and Mobile Medical.

Other Partners: The Universities at Shady Grove, U of MD Pharmacy & Public Health, Salisbury University, Montgomery Moving Forward—Nonprofit Roundtable of Greater Washington, Montgomery College, Montgomery County Workforce Investment Board, Skillsmart, and the Starfish Group.

12) Ready to Care: An Eastern Shore Partnership to Train Healthcare Workers

Lead Applicant: Eastern Shore Area Health Education Center

Seven counties on the Eastern Shore are designated as Health Care Professional Shortage Areas in primary medical and mental health care. Two of those seven counties are also designated as Medically Underserved Areas. Maryland's Department of Health & Mental Hygiene has designated an additional two of the seven as Health Enterprise Zones. The Partnership will train frontline entry-level and incumbent workers in the fundamentals of behavioral health and direct care skills. Trainees completing certain specified modules will qualify for industry valued on-site clinical experience in regional assisted living facilities and residential care sites.

Industry Partners: Atlantic General Hospital, Bay Shore Services, Candle Light Cove, Caroline Center, Corsica Hills Center Nursing Home, Crossroads Community Inc., Dorchester County Health Department, Deer's Head Hospital Center, Delmarva Community Services, Eastern Shore Hospital Center, HealthSouth Chesapeake Rehab Hospital, Holly Center, Home Instead Senior Care, Homestead Manor Assisted Living, MAC Inc. Area Agency on Aging, Mallard Bay Nursing Home, McCready Foundation Memorial Hospital, Crossroads Community Inc., MSMHS Mid-Shore Mental Health Services, Peninsula Regional Medical Center Hospital, Shore Regional Health (UMSRH), Somerset County Department of Social Services, Three Lower Counties Community Services Inc., Union Hospital in Cecil County, Upper Cecil FQHC, William Hill Manor, and Worcester County Health Department.

Other Partners: Cecil College, Chesapeake College Allied Health, Eastern Shore Higher Education Center, BEACON at Salisbury University, Sojourner Douglas College, Wor-Wic College, BEACON at Salisbury University, Associated Black Charities, Community Foundation of the Eastern Shore, Eastern Shore of Maryland Educational Consortium K-12, Lower Shore Workforce Alliance, Mid Shore Regional Council, Upper Shore Regional Council, Lower Shore Regional Council, Susquehanna Workforce Network, Upper Shore Workforce Investment Board, and MSNAAC Mid-Shore Nursing Assistant Advisory Council.

13) Baltimore Healthcare Partnership

Lead: Baltimore Alliance for Careers in Healthcare (BACH) and Center for Urban Families (CFUF)

The Opportunity Collaborative's "*Regional Talent Development Pipeline Study*" projects that the target sector will experience a hiring demand through the year 2020. This Partnership builds upon the work of CFUF and BACH's existing industry partnership framework to train low-skill job seekers and incumbent workers in the Baltimore metro region. Some unique aspects of the comprehensive training plan include a focus on unemployed women, a job readiness internship that guarantees a job interview, and a four week essential skills training module that delves into the root causes of a person's inability to obtain and keep a job. Drug and criminal background screening will be utilized. CNA/GNA, nurse support, and patient care technicians are targeted occupations.

Industry Partners: Bon Secours Hospital, Chesapeake Home Health, Genesis Healthcare, Good Samaritan Hospital, Johns Hopkins General Services, Johns Hopkins Project REACH, Johns Hopkins University, Keswick Multi-Care Center, LifeBridge Health, and University of Maryland Medical Center

Other Partners: Baltimore City Community College, Community College of Baltimore County, Baltimore City Department of Social Services, Baltimore County Department of Economic Development, Division of Workforce Development, Mayor's Office of Economic Development, Baltimore City Public Schools, Caroline Center, Center for Urban Families, ItWorks, St. Vincent de Paul, VSP Sinai, IMPACT, and Genesis Healthcare.

14) Southern Maryland Healthcare Industry Alliance

Lead Applicant: Tri County Council of Southern Maryland

Industries and occupations related to healthcare and personal care are projected to have the fastest job growth between 2010 and 2020. Data specific to Southern Maryland exceeds national averages, while merged local hospitals add to these pressing workforce needs. This Partnership will train entry-level workers in CNA/GNA and Certified Medical Administrative Assistant occupations with a profound emphasis on job readiness throughout. Training for incumbent workers highlights unique modules in critical thinking and conflict management. Charles County Department of Social Services lends an authentic recruitment pipeline.

Industry Partners: MedStar St.Mary's Hospital, Fenwick Landing Senior Care Community, Calvert Memorial Hospital, Charles County Nursing and Rehabilitation Center, University of Maryland Charles Regional Medical Center, and St. Mary's Nursing Center.

Other Partners: College of Southern Maryland, Charles County Public Schools -- North Point High School, College of Southern Maryland Foundation, Charles County Department of Social Services, and Charles County Chamber of Commerce.

15) Healthcare Partnership of Prince George's and Charles Counties

Lead Applicant: Associated Black Charities

The Opportunity Collaborative's "*Regional Talent Development Pipeline Study*," and an impact study by the University of Maryland's School of Public Health, supports the region's growing demand for skilled workers in the target industry. In Charles County, total projected occupations for health diagnosing and treating practitioners will increase by 23.5%. This Partnership will train in several high-demand occupations having the shortest supply of workers: Certified Nursing Assistants and Geriatric Nursing Assistants, Patient Care Technicians, and Licensed Professional Nurses. The holistic training includes technical skills, essential skills, on-the-job training, career coaching, and mentoring. Entry-level recruitment focuses on the unemployed.

Industry Partners: Agape Health Group, the Arc Prince George's County, Forestville Health, Nexus Health, University of Maryland Charles Regional Medical Center, MEDCHI & Patuxent River Health and Rehabilitation Center.

Other Partners: Prince George's Community College, ItWorks Learning Center, and The Training Source.

Health Information Technology

16) m-Health Focused Health Tech SIP

Lead Applicant: Howard Community College

The need for mobile apps is exploding in the healthcare field and the implementation of electronic health records and other innovative solutions that leverage mobile health (mHealth) and wireless medical technology has generated a new industry with unique workforce needs in technology development and delivery of care. This Partnership will examine available training resources, including certifications, degrees, and other learning opportunities and recommend improvements. It will also review anticipated labor market needs of the regional economy based on input from a diverse group of experts in this emerging field.

Industry Partners: Maryland Health Technology Coalition: Vasoptic Medical, Point of Care 360, TakeHill Partners, Telehealth International, IEQ, Healthify Inc., Clinovations, Analytic Rigour, Ostendio Inc., and Kitchology.

Other Partners: University of Maryland Center for Health Information and Decision Systems, MDBio, Health for America, Columbia Workforce Center, Howard County Economic Development, and Tech Council of Maryland.

17) Health Information Technology Strategic Industry Partnership

Lead Applicant: Community College of Baltimore County

The healthcare industry is currently challenged with the enormous endeavor of transforming from paper to electronic health records. This Partnership confronts the workforce issues arising from this shift, including confusion around the most appropriate skill sets, the failure to conform job titles with job requirements, and the lack of clear career pathways in this emerging field. The recruiting pipeline will focus on individuals with disabilities.

Industry Partners: University of Maryland Medical Services, Wavelength Services, Life Bridge, Inc., Cyfluent, and PMMC.

Other Partners: MD Healthcare Information and Management Systems Society, Maryland Department of Health and Mental Hygiene, Baltimore County Department of Economic Development, University of Maryland Medical System, Chesapeake Regional Information Systems, Physicians Practice Consultants, and Software Solutions.

Retail / Hospitality

18) Building Employer-led Alliances for Careers in Hospitality-Eastern Shore (BEACHES)

Lead Applicant: Wor-Wic Community College

The Tri-County Council's "2013 Comprehensive Economic Development Strategy for the Eastern Shore" reports that tourism accounts for 23% of employment in the region. Entry-level and incumbent training

will address an industry wide lack of mid-level supervisors, particularly during the peak tourist season. Unemployed workers are the intended pipeline for in-demand casino table games training.

Industry Partners: Carousel Group, the Casino @ Ocean Downs, Francis Scott Key Family Resort, Harrison Group Resort, Trimper's Rides, and Town of Ocean City.

Other Partners: Wor-Wic Community College, the Governor's Economic Development Committee of Ocean City Maryland, Greater Ocean City Chamber of Commerce, Ocean City Hotel-Motel Restaurant Association, Ocean City Economic Development Corporation, and Worcester County Department of Tourism.

19) Purple Line Skills Training Partnership

Lead Applicant: CASA de Maryland, Inc.

Incumbent worker-focused, this Partnership anticipates the revitalization expected from development of the Purple Line in Prince George's County and will train to provide sustainability skills – business management, accounting, bookkeeping, and marketing – to the largely minority-owned, small businesses along the Purple Line.

Industry Partners: Haircut 2000, Zodiac, Mario's Landscaping, ZP Tax, Olga's Party & Supplies, and El Golfo Restaurant.

Other Partners: Langley Park Small Business Owners Association, Long Branch Business League, and University of Maryland Small Town Merchant Program.

20) Baltimore Regional Culinary/ Hospitality Strategic Industry Partnership

Lead Applicant: Humanim

According to the Opportunity Collaborative's "*Regional Talent Development Pipeline Study*," the target industry sector is expected to create nearly 40,000 total job opportunities for workers in the Baltimore Region. This Partnership confronts issues unique to the industry – high rates of employee theft, non-compliance with health and safety regulations, and customer service expectations – and will vigorously recruit the long-term unemployed and hard-to-serve groups.

Industry Partners: Four Seasons Baltimore, Bon Appetite, Bistro RX, Personnel Plus, University of Maryland Medical Center, and Moveable Feast.

Transportation / Logistics

21) Susquehanna Transportation and Logistics Partnership

Lead Applicant: Cecil College

The Sage Group's "*2012 Labor Market Analysis of the Susquehanna Workforce Investment Area*" highlighted logistics as a top growth area. The population densities of Western Maryland and the Upper and Lower shores are expected to grow through 2030, creating new patterns of demand in the industry. The Partnership's sequential entry-level training modules on advanced techniques and procedures will use technology and behind-the-wheel training to ready participants for CDL testing. Incumbent worker

training offers simulated conditions to advance skills and mitigate risk. Recruiting veterans and the unemployed is a focus.

Industry Partners: United Parcel Service (UPS), Herr's Food Inc., Performance Food Group, Burriss Logistics Inc., and Maryland Motor Truck Association.

Other Partners: Harford Community College & Cecil College, Susquehanna Workforce Network, and Harford & Cecil County Economic Development Offices.

22) Maritime Transportation & Logistics

Lead Applicant: Maryland New Directions

This Partnership will create a stronger workforce pipeline at the Port of Baltimore through straightforward instruction on warehousing, stevedoring, and material handling and experiential learning through networking and forklift certification. Recruitment efforts will target unemployed and underemployed Baltimore City residents, recent GED graduates, and ex-offenders. Participants will receive assistance in applying and paying for a TWIC card (Transportation Worker Identification Credential) a requisite for employment at MPA facilities.

Industry Partners: Armada Services, LLC, C Steinweg (Baltimore) Inc., Rukert Terminals; Ports America Chesapeake, Maryland Port Administration, and Securitas Security Services, LLC.

Other Partners: Anne Arundel Community College, Baltimore Port Alliance Education & Outreach Committee, EcoLogix Group, Field Guide Consulting, Village Learning Place, Second Chance, Inc., and Atlantic Lift Trucking, Inc.

23) Mid Maryland (MOVE) Transportation and Logistics

Lead Applicant: Montgomery College

In August 2013, the American Trucking Association projected that in less than a decade, the trucking industry will be short approximately 300,000 drivers. In much of Western Maryland, the trade, transportation and utilities sector is the largest employment base with 21.9% of jobs. In the Montgomery County region, 20 employers participating in a recent industry forum noted a workforce shortage of 3 to 30 drivers on any given day, identifying more than 500 actual job openings at that time. This Partnership will train to increase the talent pool of commercial drivers, mechanics, and supply chain/warehouse labor.

Industry Partner(s): Amtrac Railroad Construction of MD, Inc., DM Bowman, Inc., Independent Electrical Contractors, Manpower Staffing & EDC, Maryland Motor Truck Association, Montgomery County Public Schools - Department of Transportation, Montgomery County Ride-On Bus, Shenandoah Family Farms, Staples Distribution, and Washington Metropolitan Area Transit Authority.

Other Partners: Hagerstown Community College, Frederick County Workforce Services, Montgomery County Workforce Investment Board, Western Maryland Consortium, Career Catchers, Inc., Horizon Goodwill, Montgomery County Housing Opportunities Commission, and Washington County Department of Social Services.

Manufacturing

24) Susquehanna Manufacturing Coalition

Lead Applicant: Susquehanna Workforce Network, Inc.

Additive manufacturing assets at Aberdeen Proving Ground are expected to spur industry growth leading to more middle skills jobs in the region. This coalition offers entry-level training in basic education skills, essential skills, core technical skills and occupational specific work-based training. In addition, educating incumbent supervisors in lean manufacturing concepts will revitalize overall productivity. Veterans, unemployed and underemployed youth are the intended trainee pipeline.

Industry Partners: W.L.Gore, Plastipak Packaging, Harford Machine Shop, Thymly Products, I-Lighting, Container Research Group, ATK, Chesapeake Bay Orthotics, and Nu-Tek Precision Optical Corp.

Other Partners: Cecil County Public Schools, Harford County Public Schools, Harford Community College & Cecil Community College, and Harford & Cecil County Offices of Economic Development.

25) Washington County Manufacturing Partnership

Lead Applicant: Volvo Group Trucks Operations of Mack Trucks, Inc.

The Washington County Manufacturing Partnership is creating a critical pipeline to address a projected 50% loss of the industry's aging skilled workers. A crucial focus in basic production-related troubleshooting allows both entry-level and incumbent trainees to take on enhanced roles as skilled operators and maintenance technicians, resulting in less downtime and improved productivity. Nearly 50% of the training will be work-based. Recruiting unemployed workers is a priority.

Industry Partners: Volvo Group Trucks Operations, Wright Manufacturing, Rust-Oleum, Jamison Door, Fil-Tee, Inc., and Caldwell Manufacturing

Other Partners: Pittsburgh Institute of Aeronautics, Tooling University, Hagerstown Community College, Western Maryland Consortium, and Washington County Economic Development Corp.

26) Manufacturing Workforce Partnership of Frederick County

Lead Applicant: Wright Manufacturing

Building on the longstanding accomplishments of the Frederick County Manufacturers Roundtable, this industry-led Partnership will train incumbent workers in Front Line Leadership, providing supervisory level training, problem solving, and coaching meant to cultivate a more motivated, capable, and loyal workforce. Successful participants can expect to earn increased wages. The Partnership will focus its entry-level training on job readiness strategies through Maryland MEP, targeting unemployed and underemployed workers.

Industry Partners: Wright Manufacturing, Skyworks Solutions, Carter Controls, Caldwell Manufacturing, Canam, Fil-Tec, East Coast Millwork, Volvo, and RR Donnelley.

Other Partners: Frederick Community College, Frederick County Public Schools, Frederick County Workforce Services, Maryland MEP, Spherion Recruiting & Staffing Services, and Frederick County Department of Business & Economic Development.

27) Maryland Manufacturing Boot Camp

Lead Applicant: Maryland Manufacturing Extension Partnership

This Partnership has developed a successful “boot camp” style program to increase the skills of potential workers and enhance their employability. The training will involve a baseline skills assessment of essential industry-valued characteristics and instruction in adopting a stronger work ethic, adhering to a professional attitude, and learning to solve common workplace problems. Basic math and language skills, communication, and critical manufacturing skills will also be highlighted. The talent pool of program graduates will provide a dedicated worker pipeline for Maryland manufacturers.

Industry Partners: Green Bay Packaging, David-Edward Company, Garrett Container, Parker Plastics, Reeb Millwork, Stanley Engineering, TENAX Corporation, Tulkoff Food Products, Viskon-Aire, Miller's Minuteman Press, Dart Container, Pall Corporation, Pillar Innovations, and the Manufacturing Workforce Partnership of Frederick County.

Other Partners: The Manufacturing Workforce Partnership of Frederick County, Maryland MEP, RMI of Maryland, Garrett College, Garrett County Public Schools, Spherion, and Upper Shore Workforce Investment Board.

28) Maryland Offshore Wind Strategic Industry Partnership

Lead Applicant: Humanim

The U.S. Department of Labor’s Bureau of Labor Statistics estimates that there will be 450,000 welding jobs available in 2014. Average welders are in their mid-fifties and expected to retire within the next ten years. A growing demand for welders in the manufacturing and construction industries contributes to the tremendous need for skilled, experienced workers. The State’s Offshore Wind Energy Act of 2013 will also add welding jobs. This unique Partnership creates a career ladder offering training opportunities in welding, from entry-level to highly-advanced, through the shared skills needs of its industry partners.

Industry Partners: D & T Welding Contractors, Maritime Applied Physics Corporation, Earlbeck Gases & Technologies, and Cianbro.

Other Partners: Anne Arundel Community College, Worcester County Economic Development, and Maryland Center for Construction Education & Innovation.

**** Revised 9.15.14 ****