

# OHIO MANUFACTURING Workforce Partnership

2021 EXECUTIVE SUMMARY



OhioTechNet

OhioHigherEd  
Department of Higher Education



## KEY TO BUILDING OHIO'S MANUFACTURING WORKFORCE

To build Ohio's manufacturing talent pipeline, the Ohio Manufacturing Workforce Partnership (OMWP) will upskill 5,000 Ohioans through innovative earn-and-learn (apprenticeship) programs.

OMWP is a collaboration between Ohio TechNet, a consortium of 40+ educational institutions, and The Ohio Manufacturers' Association, which facilitates a network of manufacturer-led sector partnerships. OMWP's earn-and-learn programs are supported by the U.S. Department of Labor Scaling Apprenticeship Through Sector-Based Strategies initiative, which provided a \$12 million grant.

**We are proud to provide our key stakeholders with this update on the status of our progress to date.**

### FOCUS ON IN-DEMAND SKILLS



### OUR APPROACH

Through sector partnerships, OMWP **promotes collaboration and resource sharing among manufacturers, educators, and workforce partners.** Ohio's statewide network of sector partnerships provides a forum for manufacturers to identify common workforce challenges and create common solutions.

Our innovative earn-and-learn strategy embraces the best elements of traditional apprenticeship programs while giving manufacturers **the flexibility to focus on skills and outcomes** most important to their success.

OMWP programs include five elements:

- Paid, work-based learning delivered by the employer
- Structured, on-the-job training and mentorship
- Technical instruction relevant to approved apprenticeship pathways
- A nationally portable, industry-recognized credential
- Standards for safety, supervision, and equal opportunity

Innovative earn-and-learn programs bring value to manufacturers and their employees by:

- **Aligning to well-defined career pathways** that give workers a long-term development strategy and encourage retention.
- **Incorporating industry validated credentials** that remove guesswork from hiring and promotion
- **Reducing training time and costs** by getting employees to full productivity more quickly.

**Get Involved!** Email [workforce@ohiomfg.com](mailto:workforce@ohiomfg.com) to connect with your region's sector partnership.

The Ohio Manufacturing Workforce Partnership (OMWP) is a collaboration of The Ohio Manufacturers' Association (OMA) and Ohio TechNet (OTN). Established to address Ohio's manufacturing workforce shortage, the OMWP works directly with a statewide network of manufacturing industry sector partnerships, and is focused on meeting local employment and skill needs.

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the recipient and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. This product is copyrighted by the institution that created it.

## 2021 Earn-and-Learn Update

Since launching in July 2019, this project is off to a good start despite the challenges posed by COVID-19. Economic uncertainty and restrictions around the pandemic have made it difficult for employers to bring on new apprentices. As the economy re-opens, we anticipate a surge in participation by employers and new recruits alike.

### ACHIEVEMENTS AS OF SEPTEMBER 30, 2021



### BUILDING OHIO'S DIVERSE WORKFORCE

Served as of September 30, 2021:



### SUCCESS STORY



**EMILY WILLIAMS**  
MEMS Apprentice  
Vexos, Northeast Ohio

Emily Williams was employed at Chik-Fil-A when she enrolled in LCCC's Intro to Micro-ElectroMechanical Systems

(MEMS) course in Fall 2020. Having participated in College Credit Plus as a high school student, she was eager to explore careers in manufacturing and started her on-the-job training (OJT) with Vexos in December 2020. Her hard work was recognized, and she was awarded a NASA/Ohio Space Grant Consortium Scholarship. In addition to her academic success, Emily ascended to a student leadership role with SMTA Ohio Valley Student Chapter. Emily will also soon become a MEMS Lab Aide at LCCC, helping other students in the program.

### BUILDING CAPACITY THROUGH SECTOR PARTNERSHIPS

OMWP is built on the philosophy that we can accomplish more when we learn and work as a system. The network of sector partnerships is at the core of this strategy. Since the Scaling Apprenticeship initiative began, we have:

- Increased the number and quality of manufacturer-led sector partnerships, including 13 partnerships endorsed by The Ohio Manufacturers' Association's workforce leadership committee
- Fostered a learning community of industry, education, and workforce professionals through webinars, office hours, and regular technical assistance and coaching
- Accelerated statewide alignment and adoption of credentials through partnerships with state agencies.

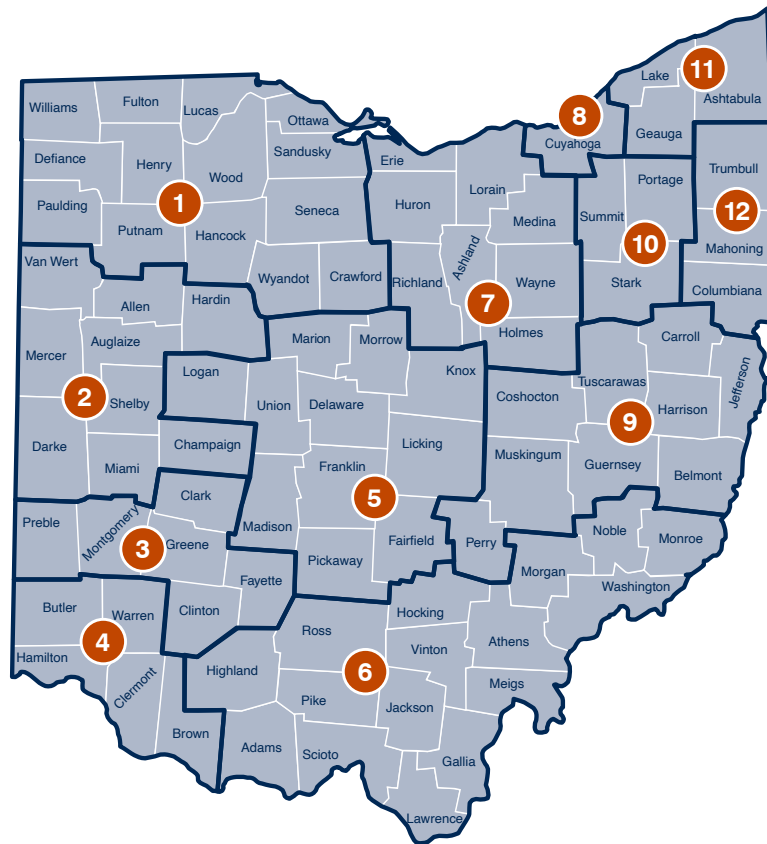
### OUR STATE AND NATIONAL PARTNERS



## REGIONAL OMWP LEADERSHIP

Use this directory to identify the regional organization serving as project manager for Scaling Apprenticeship-supported earn-and-learn initiatives in your area.

These project managers either represent or work with regional industry-led sector partnerships in their area. For a full list of OMA-recognized sector partnerships in Ohio, [click here](#).



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- Region 1** — Northwest State Community College (on behalf of Northwest Ohio Manufacturing Alliance)  
**Sarah Stubblefield** • [sestubblefield@northweststate.edu](mailto:sestubblefield@northweststate.edu)
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- Region 2** — Rhodes State College (on behalf of West Central Ohio Manufacturing Partnership)  
**Tammy Eilerman** • [Eilerman.T@rhodesstate.edu](mailto:Eilerman.T@rhodesstate.edu)
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- Region 3** — Dayton Regional Manufacturing Workforce Partnership  
**Angelia Erbaugh** • [aerbaugh@daytonrma.org](mailto:aerbaugh@daytonrma.org)
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- Region 4** — TechSolve  
**Vickie McMullen** • [mcmullen@techsolve.org](mailto:mcmullen@techsolve.org)
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- Region 5** — Columbus State Community College (on behalf of Central Ohio Manufacturing Partnership)  
**Karen Kyle** • [kkyle7@csc.edu](mailto:kkyle7@csc.edu)
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- Region 6** — Building Bridges to Careers, Shawnee State University, Appalachian Ohio Manufacturing Partnership  
**Tasha Werry** • [twerry@mariettacsdoh.org](mailto:twerry@mariettacsdoh.org)
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- Region 7** — Lorain County Community College in partnership with regional sector partnerships  
**Bernie Gosky** • [bgosky@lorainccc.edu](mailto:bgosky@lorainccc.edu)
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- Region 8** — MAGNET (on behalf of Workforce Connect Manufacturing Sector Partnership)  
**Adam Snyder** • [asnyder@manufacturingsuccess.org](mailto:asnyder@manufacturingsuccess.org)
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- Region 9** — Building Bridges to Careers  
**Tasha Werry** • [twerry@mariettacsdoh.org](mailto:twerry@mariettacsdoh.org)
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- Region 10** — ConxusNEO  
**Jenny Stupica** • [jstupica@conxusneo.jobs](mailto:jstupica@conxusneo.jobs)
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- Region 11** — Manufacturing Works (on behalf of Alliance for Working Together)  
**Brianna Schultz** • [bschultz@mfgworkscle.org](mailto:bschultz@mfgworkscle.org)
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- Region 12** — Mahoning Valley Manufacturers Coalition  
**Sue Watson** • [Swatson@tpma-inc.com](mailto:Swatson@tpma-inc.com)

**FOR QUESTIONS, CONTACT:** **Terri Burgess Sandu**, Ohio TechNet and Lorain County Community College • [tsandu@lorainccc.edu](mailto:tsandu@lorainccc.edu)  
**Sara Tracey**, The Ohio Manufacturers' Association • [stracey@ohiomfg.com](mailto:stracey@ohiomfg.com)

*Note: Colleges identified are fiscal agents for listed regions. Each region may engage multiple education partners as they utilize funds budgeted for educational innovation.*