Development of Programs Focus on Career Training, Job Placement

The Buckeye Hills Regional Council's [The Appalachian Ohio Innovation Gateway Network](https://cdme.osu.edu) is pooling efforts across Appalachian communities in southeast Ohio to develop and offer more opportunities for career training and economic and workforce development in coal-impacted communities. Buckeye Hills Regional Commission received a $1.2 million federal POWER investment through the Appalachian Regional Commission. This is a Federal initiative whose mission is to assist the 250 Appalachian counties throughout Ohio, Pennsylvania, West Virginia, Kentucky, Tennessee, Virginia, Alabama, Maryland, New York, North Carolina, and Mississippi. Counties in Ohio which will benefit from the POWER initiative are Hocking, Perry, Morgan, Noble, Monroe, Washington, Athens, Meigs, and Wood.

One of the initiatives is the LIGHTS program, which stands for Leveraging Innovation Gateways & Hubs Toward Sustainability. The Appalachian Regional Commission has partnered with Ohio University to offer the LIGHTS program in Marrietta, Nelsonville, and Somerset. Each Innovation Gateway location will feature: Makerspace Technology Hubs, Community Space Classroom, and Small Group Workspace. The design of the LIGHTS program provides immediate employment from employers who are instrumental in the program's training curriculum. [Click for rest of article](https://cdme.osu.edu).

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Heidi West
Event Planner for MEP at CDME

Heidi West was recently hired as an Event Planner for the Manufacturing Extension Partnership (MEP) program at the Center for Design and Manufacturing Excellence. Her primary responsibilities will be the planning and coordination of MEP program events, trainings, and workshops within CDME.

Heidi holds a Bachelor of Science in Education from Ohio University, and she has approximately 10 years of event coordination experience within business organization and higher education work environments. Heidi looks forward to meeting you at some of our many MEP events this year. If you are interested in having CDME visit and present at your company or if you have seminar suggestions, please contact Heidi at west.235@osu.edu.

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Dorinda Byers
Growth Advisor for MEP at CDME

Dorinda Byers was recently hired as a Growth Advisor in MEP at CDME.

With more than 15 years of experience, Dorinda possesses a proven track record of increasing organizational effectiveness, shaping cultures, strengthening teams, and positioning businesses for sustainability.

She will lead client engagement efforts to provide strategic growth business consulting services. Her work will include helping multiple, small business manufacturing companies to analyze and develop strategic growth plans. She will also develop structured, value-adding programs and projects with growth-oriented companies utilizing the partner network offered by the MEP program at Ohio State. She is excited to return to MEP from her recent role as Sales Manager at EZG Manufacturing.

Please feel free to reach out to her at byers.18@osu.edu.

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Jamey Dixon
IT Growth Advisor for MEP at CDME

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Jamey Dixon recently joined CDME as an IT Growth Advisor for the Manufacturing Extension Partnership (MEP) Program. His duties will include client engagement and outreach with a focus on advisory services in cybersecurity compliance and technology acceleration with small and medium sized manufacturing companies in the Central and Southeastern Ohio regions. He will also provide reporting/survey services for the CDME MEP program.

Jamey recently worked as an IT Systems Administrator, and has over 15 years in the IT industry and 4+ years of Program Management experience with the Ohio MEP Program. Jamey can be contacted at dixon.739@osu.edu.

Jason Robinson
Senior Mechanical Design Engineer at CDME

Jason Robinson is Senior Mechanical Design Engineer with industry experience in design and manufacturing of a variety of technologies. Jason holds a Bachelor of Science in Mechanical Engineering from Wright State University. Prior to joining the CDME as a Lead Engineer, Jason worked on mechanical design and manufacturing of load and pressure measurement devices, mobile radar systems, and Fischer-Tropsch reactors employing micro-channel technology. Jason’s background has exposed him to a wide variety of design principles and manufacturing techniques, with a focus on simulation-based design for fluids, heat transfer, and structural mechanics.

Marc Purslow
Director of Materials & Welding at CDME

Marc Purslow is an expert in the development and implementation of advanced manufacturing technologies. A graduate of the Ohio State University’s Welding Engineering program, Marc currently serves as the Director of Materials and Welding at The Ohio State University’s Center for Design and Manufacturing Excellence (CDME). Prior to joining OSU, Marc held the role of Senior Engineer - Fusion Welding and Additive Manufacturing at the Edison Welding Institute where he conducted applied research and development programs focused on arc- and laser-based manufacturing processes. Previously, Marc served as the Director of EWI Australia, held the role of EWI’s Technical Editor, and managed EWI’s Design, Controls, and Automation Group. Marc uses his experience leading large multi-disciplinary engineering teams to identify, develop, and deploy advanced manufacturing technologies to address current and future industry needs.

Manufacturing Employment Forecast for 2018

Michael “Mac” McVey, President, ClearView Management, a talent solutions company located in Worthington.

Mac shares his forecast for manufacturing in 2018 based on the current climate and studies. We can expect that the demands for manufacturing will continue to increase in 2018 based on a Bloomberg article posted on January 3, 2018, and citing the Institute for Supply Management, “Manufacturing in the US Just Accelerated to Its Best Year Since 2004”.

In 2018 I foresee the:

- Increased hiring of IT, engineering and high tech/highly skilled talents
- Increased hiring of IT, engineering and high tech/highly skilled educators and trainers
- Decreased employment of lower skilled jobs
- Increase in number of contract and shared or consortium workers
- Increase in number of part-time workers
- Increases in wage demands for IT, engineering and high tech/highly skilled talents

Ohio Small Business Development Centers

The Ohio Small Business Development Centers (SBDC) Network is the premier technical assistance program for Ohio's small businesses. SBDCs help existing businesses remain competitive in a complex, ever-changing global marketplace by providing aspiring and current small business owners a variety of free business consulting and low-cost training services.
There are 28 funded SBDCs in Ohio that provide no-cost, confidential, in-depth, one-on-one counseling for businesses that will or currently employ under 500 employees.

Learn more and find a local SBDC at:
http://clients.ohiosbdc.ohio.gov/

Ohio Seeking Companies to Hire Export Interns

Are you a business interested in selling your products or services internationally? The Ohio Development Services Agency is seeking companies who are currently exporting or interested in pursuing export opportunities.

The Ohio Export Internship Program provides a unique opportunity to businesses interested in exporting by matching them with highly-motivated college students who have taken export-focused coursework. This year, 42 students from 12 different Ohio universities have been selected to participate in the program.

The Ohio Development Services Agency offers participating small to medium-sized businesses a 50 percent reimbursement for the wages of the intern.

In the six years of the program there have been 190 student-company matches, resulting in more than $31 million in expected global sales and 35 full-time job offers to students.

The deadline for companies to apply is March 1, 2018. The summer internship runs from May 14 through August 10, 2018. Ohio companies can apply at https://development.ohio.gov/bs/bs_oxip.htm.

The program is a partnership between the Ohio Development Services Agency, The Ohio State University, and the Ohio Department of Development.

MFG TMW: Talking Electromagnetics Manufacturing with Jeff Berrie

Kathryn Kelley, Director of Ohio Manufacturing Industry

Manufacturing Tomorrow is a podcast series brought to you by the Ohio Manufacturing Institute at The Ohio State University. Featuring the perspectives of manufacturing leaders, they focus on the advanced manufacturing innovations, solutions and partnerships that exist in our region now and that will propel industry in the future.

In this MFG TMW segment, Kathryn Kelley speaks with Jeff Berrie, PhD, vice president and division manager at BerrieHill Research, a Division of Applied Research Associates. BerrieHill offers expertise in the design and development of antennas, computational electromagnetics, and RF measurements. We discussed the primary services BerrieHill provides defense and commercial clients as well as the need and his solution for building local talent. To listen to the podcast, go to http://mfgtomorrow.org.


Columbus Metropolitan Library Announces New Lineup of Free Business Classes

Susan Post
Lead Staff Writer for TheMetropreneur.com

Covering topics ranging from market research, to financing, to the startup experience, The Learning Lab at the Main Library, 96 S. Grant Ave., has announced its lineup of business classes for January through May.

The classes are free for and open to all who are interested. Attendees will learn how to leverage the library’s resources to create and grow their businesses, and also hear from entrepreneurs and subject matter experts on various business topics.

Dates, times and descriptions of each class can be found here.

University, Youngstown State University and Cleveland State University. To learn more about the Ohio Export Internship Program, click here: https://www.youtube.com/watch?v=G41yhwic7w


**CDME Events**

CDME is exhibiting at this event:
Multi-Chamber Business Expo & After Hours
Monday, February 26  
4:30 PM - 7:00 PM
The Exchange at Bridge Park
Dublin, Ohio 43017
RSVP Here

CDME Open House
Friday, March 16  
11:00 AM - 1:00 PM
Get a behind-the-scenes look into CDME at our first of four open houses of 2018. Registration is required and is not open yet.

**Upcoming Events**

Marketing on a Shoestring Budget: Real Lessons from the Field
Tuesday, January 30  
5:00 PM - 7:00 PM
Educational Service Center of Central Ohio - Columbus
Cost: $15 - $30
Register Here

VALIDation Workshop
Tuesday, February 6  
5:30 - 7:30 PM
Innovation Center
340 West State Street
Athens, Ohio 45701
Cost: $25
Register Here

Social Media Strategy for Small Business
Thursday, February 8  
6:00 PM - 9:00 PM
320 North Grant Avenue, Room 1068
Columbus, Ohio 43215
Cost: $25
Register Here

Business Plan 101
Five week course (Every Tuesday from February 6 to March 6)  
4:00 PM - 6:00 PM
320 North Grant Avenue, Room 1068
Columbus, Ohio 43215
Cost: $125
Register Here

IDEAtion Workshop
Wednesday, March 7  
5:30 - 7:00 PM

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**Senate Bill 220: The Date Protection Act Endorsed by AG Mike DeWine**

AG Mike DeWine endorsed Senate Bill 220, The Data Protection Act, in November 2017 as part of his CyberOhio Initiative. The Data Protection Act would change Ohio laws so that businesses that take reasonable precautions and meet industry-recommended standards would be afforded a “safe harbor” against legal claims should a data breach occur. The legislation was introduced as part of Attorney General DeWine’s CyberOhio Initiative to help Ohio businesses with cybersecurity issues. Launched in September 2016, the goal of CyberOhio is to help foster a legal, technical, and collaborative cybersecurity environment to help Ohio businesses thrive.

Data breach prevention guide for small businesses: www.ohioattorneygeneral.gov/files/Publications-files/


**Event Recap: Visiting Ohio University Innovation Center**

Members of the CDME staff visited Ohio University's Innovation Center to present an overview of Ohio State's Center for Design and Manufacturing Excellence and our Manufacturing Extension Partnership (MEP) program.

Eric Wagner, Program Manager for MEP at Ohio State, spoke to 25 guests about services available to small to medium-sized businesses through the MEP program, Ohio State, and our external partners.
The MEP program at The Ohio State University has recently expanded to include the southeastern region of Ohio, which includes Athens County. This was our first event in Athens County, and we thank those who shared their time with us. Thank you, also, to Ohio University Innovation Center for hosting us.

This Lunch and Learn was organized by the Entrepreneurship Development Group (EDG) of Athens County, Ohio.

**Event Recap: Lean for Small Businesses Interactive Workshop**

CDME spoke at this full-day, interactive, hands-on workshop on Lean manufacturing. Andy Reith, owner of Scioto Productivity Solutions, hosted the event, which was based on the Toyota Production System.

This workshop primarily focused on improving manufacturing practices, increasing profitability, reducing costs, and improving quality within small to medium sized manufacturing companies. We thank Andy for inviting us to speak at this event.

The Ohio State University's Center for Design and Manufacturing Excellence is now serving these counties in Ohio.

How can we help you?

Contact us today.

[cdme.osu.edu](mailto:cdme.osu.edu) | 614-292-2888
The Ohio Manufacturing Extension Partnership (MEP) program is funded in part by the U. S. Department of Commerce, National Institute for Standards and Technology, the Ohio Development Services Agency and local partners including the Center for Design and Manufacturing Excellence. Ohio MEP is driving productivity, innovation and global competitiveness for Ohio manufacturers with a focus on small and medium sized enterprises (SME).

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