

2021 NEWSLETTER

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The holiday season is upon us. We look forward to the next couple of months to visit with family, friends, and colleagues. We hope you take the opportunity to do the same. We look forward to the new year with renewed hope and prosperity. We wish you a Happy Thanksgiving and safe travels to all.

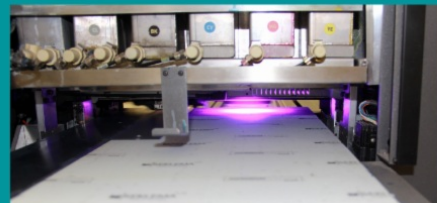
NEW MEMBER Welcome



UMBRAGROUP is a cutting-edge manufacturing company in the aeronautics and industrial sectors. It is the world leader in the production of recirculating ball screws in the aeronautics sector. UMBRAGROUP, has recently strengthened its position in the supply of products aimed at the energy market.



FEATURE ARTICLE



What's next for the Advanced Manufacturing Workforce?

By Michigan Economic Development Corporation (MEDC)
[Previously published in Crain's Detroit Business, October 4, 2021](#)

As Industry 4.0 accelerates, how can Michigan's advanced manufacturing workforce keep up with the rapid pace of technology adoption? Here are four things to know.

1 Industry 4.0 jobs will pay well but require new skills.

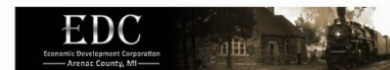
The specialized and highly-skilled Industry 4.0 manufacturing jobs will come with high wages for Michigan's manufacturing workforce.

MICHIGAN'S HIGH-DEMAND, HIGH-WAGE CAREERS 2018- 2028	Wage Range	TYPICAL EDUCATION AND TRAINING BEYOND HIGH SCHOOL
Software Developers and Quality Assurance Testers	\$34-53	Bachelor's Degree, Plus Work Experience
Industrial Engineer	\$35-52	Bachelor's Degree, License
Industrial Machinery Mechanics	\$20-70	Long-Term OJT
Machinists	\$16-26	Long-Term OJT
Industrial Production Managers	\$42-68	Bachelor's Degree, Plus Work Experience
Mechanical Engineers	\$35-54	Bachelor's Degree, License
Computer User Support Specialists	\$18-29	Some College, No Degree
Computer and Information Systems Managers	\$46-74	Bachelor's Degree, Plus Work Experience

More than half of Michigan's jobs require skills training beyond high school, but not a four-year degree. Access to that training is critical for manufacturing growth.

[Click here to download this article.](#) [Click here to view the rest of the article online.](#)

GLBMA MONTHLY HIGHLIGHTS



The GLBMA rollout of our Region Industry 4.0 Readiness Webinar Series

The GLBMA is pleased to partner with the regional partners and the MEDC to provide continuing education on Industry 4.0. The webinars were designed to educate you on the nine nodes of Industry 4.0. You may choose to attend one or the whole series. Registration is open now for the series and the first several individual webinars. This series is available to all manufacturers in the region. Please feel free to share this with your suppliers, customers, and friends within manufacturing.

Tuesday, December 14 - [Establishing an Industry 4.0 Roadmap & Regional Partner](#)

[Asset Map](#) (please note date change)

Tuesday, January 11, 2022 - [Recognizing Shortfalls, Opportunities, Existing Structural Roadblocks, & Funding Sources](#)

Tuesday, February 1, 2022 - [Deep Dive into System Integration and Robotics & Automation](#)

Tuesday, February 15, 2022 - [Deep Dive into Cybersecurity & Internet of Things](#)

Tuesday, March 8, 2022 - [Need for Leadership Buy-In & Strategic Planning for Industry 4.0](#)

Registration is open and linked to each of the underlined titles above, or visit the [GLBMA website](#).

These webinars were developed to help meet the State of Michigan's initiative of 50% of our Manufacturers adopting Industry 4.0 before the year 2025. This program is provided by a grant through the Michigan Economic Development Corporation (MEDC).



**INDUSTRY 4.0
READINESS
VIRTUAL
ROUND TABLE**

Thursday, December 9
8:30 am – 10:00 am
Virtual - TEAMS Meeting

Bringing Manufacturers, Education,
Economic Development, and
Workforce Development
Representatives together for an
open conversation about Industry
4.0 educational needs.

[Register to Participate](#)

Virtual Round Table wraps up series

The last round tables will be held to present the data collected from the Industry 4.0 Readiness Survey held this past summer. This information is vital to developing the 2025 State Initiative for 50% of the state's manufacturing to have implemented some form of Industry 4.0. This data will help identify gaps in technology, education, and industry.

At this round table, expect to discuss the need for a better understanding of the Industry 4.0 technologies and how we need to start educating the next generation to be able to transition into the factories of the future with modern technology and systems.

[Read More on Why Manufacturers Should Attend](#)

The GLBMA Celebrates at the MMA awards

On Thursday, November 4, 2021, the Michigan Manufacturers Association 2021MFG Excellence Awards took place in Lansing, Michigan. The evening celebrated the award winners for 2021 and recognized the 2020 winners as well.

This year's winners were: William Henderson, Aircraft Precision Products for MFG Lifetime Achievement; Magna International of America, Inc. for John G. Thodis Michigan Manufacturer of the Year – Large Tier; Brent Hardman, Powell Fabrication & Manufacturing, LLC for John G. Thodis Michigan Manufacturer of the Year – Small Tier; Andra Rush, Dakotta Integrated Systems, LLC for MFG Woman of the Year; Duperon Corporation for MFG Innovation Excellence; and Jenny Geno, Saginaw Intermediate School District for MFG Talent



Champion. Congratulations to all the winners.

Lastly, the People's Choice award was announced for the Coolest Thing Made in Michigan for 2021. It was the World's Largest Hydraulic Power Unit produced by Exotic Automation & Supply in New Hudson.

Thank you to the MMA and their staff who put together a great evening of Celebrating Manufacturing in the state of Michigan. We look forward to seeing what 2022 will bring to the Excellence award!



Terry Duperon, Mark Turpin, Tammy Bernier accepting the MFG Innovation Excellence Award



2021 MFG Excellence Award winners. left to right: Jerry Mazzola, Mark Turpin, Jenny Geno, Mike Walsh, Andra Rush, Brent Hardman, and Bill Henderson



Jenny Geno accepting the MFG Talent Champion Award

MEMBER SPOTLIGHT



The GLBMA will be highlighting one manufacturer and one associate member each month. We want everyone to know about all the wonderful opportunities in the region.



Duperon

Duperon is the leader in simple, adaptive screening technologies and provides solutions for coarse screening, fine screening, low flow screening, ultra-screening, washing compacting and conveying. We continually look to our customers to measure our own performance, and we are committed to continue to introduce products that are simple, adaptive solutions for preliminary treatment and management of water and water resources. We don't want to simply meet expectations or deliver a product – we seek to truly excel in



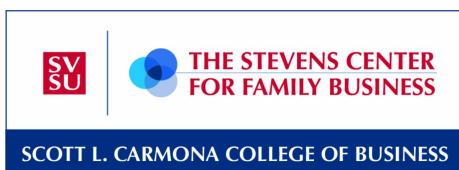
Great Lakes Safety Training Center

Great Lakes Safety Training Center (GLSTC) is a 501(c)(3) non-profit charitable organization located in Midland, Michigan. They provide a full array of safety services including training, audits, background checks and more. GLSTC helps promote and create safe communities through strategic partnerships with businesses and local high schools. They are the recognized leader in safety education and related services, empowering their members and the community to prevent

service and responsiveness that goes beyond a customers' needs and provides solutions for their problems, today and in the future. Simply put, we want to WOW our customers. We serve customers, groups, and associations that share the company's commitment to the global goal of making a difference: for people, for water, for the planet. Duperon technologies are designed and manufactured in Saginaw, Michigan and installed in North America and internationally.

injuries, save lives and achieve a culture of safety excellence.

PARTNER NEWS



Stevens Center for Family Business invites you to attend **Culture Trumps Everything**

Culture Trumps Everything

The unexpected truth about the ways the environment changes biology, psychology, and behavior.
featuring

Dr. Gustavo Grodnitzky

Award-Winning Speaker, Author, Consultant, PhD Psychologist

Dr. Gustavo's recent book, *Culture Trumps Everything*, investigates the powerful ways that organizational culture impacts a company's success and sustainability. The first 100 registrants will receive a free copy.

Tuesday, December 7, 2021

7:30 to 8 am - Networking & Lite Continental Breakfast

8 to 10:00 am - Program

Banquet Rooms A & B, Curtiss Hall, SVSU
or virtual via Zoom

[Download the flyer here for more details!](#)

[In-person Registration](#)

[Virtual Registration](#)

Celebrate 2021 Michigan Apprenticeship Week - Events available

Michigan's Department of Labor & Economic Development presents "Race to Talent with Registered Apprenticeship" webinar. The webinar will take place Wednesday, November 17, 2021. 10:00 am to 11:00 am via Zoom.

Are you familiar with Registered Apprenticeship Programs? Are you aware of the benefits they offer both employers and career seekers?

Join the Michigan Department of Labor and Economic Opportunity's Office of Employment and Training for a virtual chat regarding using Registered Apprenticeships to accelerate skill growth with your workforce. The dialogue will focus on benefits to both employers and individuals and feature Michigan employers with active Registered Apprenticeship Programs and their apprentices.

[Register to participate here.](#)

Michigan Works! offers a free virtual panel discussion - How Registered Apprenticeship Expansion Can Help with Economic Recovery. To be held Friday, November 19, 2021 at 10:00 am.

To celebrate National Apprenticeship Week, please join us for a FREE virtual panel discussion to learn more about the expansion of Registered Apprenticeship opportunities in the State of Michigan and the impact of apprenticeships on a post-pandemic economic recovery. You will hear from the following federal, state, and labor experts:

Moderator: Ryan Hundt, CEO, Michigan Works! Association

- Russ Davis, State Director, United States Department of Labor Office of Apprenticeship
- Lee Graham, Executive Director, International Union of Operating Engineers Local 324 Labor Management Education Committee
- Scott Jedeke, State Administrative Manager for Apprenticeship Expansion, Michigan Department of Labor and Economic Opportunity -- Office of Employment & Training
- Doug Hilburn (recently graduated OE 324 apprentice), Stationary Engineer, Wayne County Airport Authority at Detroit Metro Airport.

[Register to Participate here!](#)



Great Lakes Trade Adjustment Assistance Center (GLTAAC) receives a 1.1 million dollar grant to continue assisting Manufacturing

We are pleased to announce that the U.S. Economic Development Administration has awarded \$1.1 million to GLTAAC to continue its management of the Trade Adjustment Assistance for Firms (TAAF) program in Indiana, Michigan, and Ohio.

GLTAAC has managed the TAAF program in the region for 38 years, helping hundreds of smaller import-impacted manufacturers regain their global competitiveness. [Read more about the TAAF grant awards here.](#)

To learn more about the GLTAAC please download their [informational flyer here.](#)

MEP Supplier Scouting Opportunities

The following supplier opportunities are available through the MEP center. These are national MEP Center clients seeking domestic suppliers for the various items. Please contact Hali Motley with the Michigan Manufacturing Technology Center Northeast office for complete details on how to submit a Supplier Scouting form. Hali can be reached at hkmotley@svsu.edu.

Current Opportunities:

Opportunity: 2021-098 **Wildcat Outdoor Gear** closes Jan. 17, 2022

Submitted by Northeastern Pennsylvania Industrial Resource Center (NEPIRC, part of Pennsylvania MEP)

Opportunity: 2021-100 **Plastic Resin** closes Nov. 21

Submitted by Oklahoma Manufacturing Alliance (Oklahoma MEP Center)

Prometis Partners Offer Fireside Chat

“Owner’s Fireside Chat” is being held virtually on 11/16 at 8:00 am EST. This session will be on Financial Strategy.

[Register to attend here.](#)

This session is provided for free by Prometis Partners.

Department of Defense offers webinar on Overview of CMMI and NIST 800-171

The Department of Defense is implementing cybersecurity requirements for all future DoD contractors. If you currently hold a DoD contract or are interested in doing business with the DoD, you will need to evaluate your cybersecurity level. In this training, you will be introduced to Project Spectrum’s website, their calendar of events regarding CMMC preparedness, and we will go over the Cyber Readiness Check. In addition, we’ll look at the Supplier Performance Risk System (SPRS) and how to input your score in it.

Wednesday, November 17, 2021, at 11:00 am

This training event is free and will be held virtually.
Registration is required for the event.

Please contact Rebecca Younk with any questions or to register for this event.
Email: ryounk@saginawfuture.com | Phone: 989-717-4044



Michigan STEM Forward Program is accepting applications for Internship grants

Michigan STEM Forward, a statewide program that matches students attending Michigan colleges with internship opportunities, is now accepting applications from companies & students!

Is your company looking to hire an intern? Participate in the STEM Forward program and review resumes from the state’s top young talent + get 50% of wages matched! Apply here: <http://a2spark.org/MichiganSTEM>

Michigan STEM Forward internship program:

- Matches students attending MI colleges w/ internship opportunities
- Up to 50% of the intern’s wages are matched
- Company can be in any industry but all internships must be STEM-focused

Learn more: <http://a2spark.org/MichiganSTEM>

QUALITY SIG



Our next Quality Special Interest Group Meeting

Topic: **Management System Updates are coming soon - are you prepared?**

Date: Thursday, October 21, 2021

Time: 8:00 am to 9:30 am

Location: We will be meeting on a TEAMS Meeting (link provided one week prior to the meeting)

The Quality Special Interest Group (SIG) is a professionally facilitated group of the Great Lakes Bay Manufacturers Association (GLBMA). This SIG focuses on providing a forum to discuss and review quality systems, validate the need, discuss industry updates, and new regulations. It will also serve as a place where Quality employees can discuss issues in a confidential setting.

[Register to Attend!](#)

CURRENT EVENTS



Please note the GLBMA Office will be closed for the following holiday schedule:

Thanksgiving
Thursday & Friday,
November 25 & 26

Christmas
Thursday & Friday,
December 23 & 24

New Years Day
Monday, January 3, 2022

For immediate assistance please call 989-992-1163 during the holiday season.

November 2021
30 Coffee Clutch [web link to join](#)

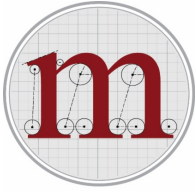
December 2021
7 - Steven's Center for Family Business Event
Culture Trumps Everything
9 - Industry 4.0 Virtual [Round Table](#)
14 - Industry 4.0 [Webinar](#)
Establishing an Industry 4.0 Roadmap & Regional Partner Asset Map
16 - Quality SIG [Meeting](#)
Management System Update! What is new with ISO standards

January 2022
11 - Industry 4.0 [Webinar](#)
Recognizing Shortfalls, Opportunities, Existing Structural Roadbacks, & Funding Sources
25 - Industry 4.0 [Webinar](#)
Effective Change Management for Industry 4.0

MFG CHAMPIONS

Learn how to become an MFG Champion!
Support the GLBMA for years to come.
Call Tanya at 989-964-2881 or email tblehm@svsu.edu





**MOLTUS
BUILDING GROUP**

design build • general construction • construction management

Thank you to our MFG Champions!

If you want to become an MFG Champion, please contact Tanya at the GLBMA office for more details. (989)964-2881.



Proud to Manufacture

