

**NEW Manufacturing Alliance  
STEM TASK FORCE MEETING MINUTES  
WebEx  
Wednesday, April 22, 2020 – 3:00 PM**

**ATTENDEES:** Carol Bredeesen-Amcor, Andy Bushmaker-KI, Carol Couillard-Paper Discovery Center, Brenda Litwin-Menasha Joint SD, Steve Meyer-FVTC, Shannon Niccum, Linda Osterloh-Jacobs, Ryan Peterson-Brillion SD, Joe Turner-De Pere HS, Taryn West-Ariens Co., Brian Witt-Ariens Co., Ann Franz-NEWMA, Debbie Thompson-NWTC

## COVID-19

### Alliance COVID-19 Activities

- Weekly email to the membership with government websites, online training, and other COVID-19 information.
- Conducted a survey for the WEDC regarding manufactures' current and potential capabilities for manufacturing PPE.
- Met with hospital directors of procurement to assist them with PPE, connecting them to new resources.
- Created a program to connect dislocated Alliance members to Alliance members that are hiring short-term workers.
- Partnered with the Greater Green Bay Chamber on a joint recruitment of short-term workers.
- Created a best practices forum to share what Alliance members are doing related to COVID-19.
- Identified a source for masks that Alliance members can purchase directly with the vendor.

### 2020 events that may need to be rescheduled or cancelled:

- April 29 – Hiring & Retaining Gen Z's Training (*rescheduled for August*)
- May 6 – You Can Make It Career Expo at Lombardi Middle School (including Edison M.S.) (*cancelled*)
- May 11 – Earn & Learn Draft Day (*reschedule for August*)
- June 10 – Quarterly Membership Meeting (*Virtual*)

### Member Organizations' COVID-19 Activities:

- Amcor events have been pushed back to the point that many of them cannot be held in 2020. Amcor is willing to conduct virtual school visits. It will be more difficult to bring visitors in the schools when they do open again.
- Ariens Co. has been hiring short and long-term workers, in addition to summer interns. Their Youth Apprenticeship students will be returning. Brian also shared that Michigan Technological University had some of their internships cancel. **Members are encouraged to contact Brian if they are interested in hosting an MTU intern at their company.**
- FVTC discontinued all in-person schooling through summer, with almost all courses going online. Summer camps are cancelled. The College is having to be lenient regarding degree completion.
- There are Google homework assignments on 'How Stuff is Made'. One of the assignments discusses the recycling and production of toilet paper. GRM videos also provide a great source of online learning.
- UW-Stout's Fab Lab is scheduled for July. Fab Lab grant money is being expanded to include K-5 STEM.
- School principals are concerned about budgets, not so much for next year, but the following year will be difficult. Tech ed and STEM education require more money and often sustain via company donations. Companies may not be able to provide the needed funding.
- Pam Blazei, NEWMA's marketing coordinator, created a 'Manufacturing Career Pathways' flyer. Ann sent the promotional flyer to tech ed and Project Lead the Way teachers.

## 2020 GET REAL MATH & NEW GET REAL SCIENCE VIDEOS

Due to COVID-19, new Get Real Math/Science videos will not be filmed this year. Instead, members of the STEM Task Force will be looking at the published videos and their lesson plans to see if they can be edited to include science. The repurposed videos will be launched in fall 2020.

There will likely not be a GRM Premiere in fall. Instead, Ann would like to host a virtual event with the science teachers to spotlight the repurposed videos. Each company that produced a repurposed video could host a virtual plant tour.

Some of this will be dependent on the future of COVID and the ability to get into the schools/companies. Ann will continue to move forward with this initiative.

### **STEM 9<sup>TH</sup> GRADE FEMALE EVENT**

Organizers are looking to host Sarah Thomas, first NFL female official, as the keynote speaker. Plant tours and additional speakers will be included. The event could be held at the Fox Cities PAC. \$25,000 in sponsorships is needed. \$5,000 was awarded through a Microsoft grant. The event will be publicized and held in fall 2021, so students can consider what they learned when they sign-up for classes in December/January.

Joe Turner met with some of his female STEM students to get their feedback regarding this type of an event. The girls were excited about it and would like to engage in the planning process. They also shared they are more apt to join a club with peers who share their interests. Perspective attendees need to see that young females are a big part of the planning. Ann will contact educators from roughly five different schools to develop a working group of female students.

### **ONLINE LEARNING FOR ELEMENTARY STUDENTS**

Carol Couillard shared that a lot of museums have been hosting webinars. One webinar being done for kids is called 'What Do Big Kids Do'. Kids can submit questions, while watching from their kitchen or backyard. Carol shared the following link. This week's topic discusses being a Sports Librarian. [Big Kid Jobs - YouTube](#) The STEM Task Force could produce similar videos for younger kids that are not yet ready for GRM. Filming can be done live, with the videos hosted on YouTube. Carol Bredesen also feels this is a great way for kids to learn/connect. Amcor employees, representing various careers, would likely want to participate.

### **INDUSTRY 4.0 MULTI-SCHOOL CAREER PATHWAY**

Four businesses, including Sargento, are teaming with four rural Sheboygan schools to create a manufacturing 4.0 career pathway. Students rotate businesses and may even go to one of the other schools to take a course. Workplace learning is meaningful for students, with the goal of exposing students to a wide range of industry 4.0 competencies. The program also serves as a way for schools to work with businesses, providing shared technology. Organizers will launch the pilot program on September 1 and hope it will open the door to more apprenticeship opportunities.

### **UPCOMING ALLIANCE EVENTS**

- May 1 – Nominations Open for Excellence in Mfg./K-12 Partnerships Awards
- June 15 – Nomination Deadline
- August - K-12 Outreach Survey will be emailed. Manufacturers identify the school districts/grades they would like to work with. The data becomes part of the ACP manufacturing careers toolkit.
- October 20 – ACP Partnerships Meeting
- October 20 – Excellence in Mfg./K-12 Partnerships Awards
- October 21 – Manufacturing First Expo & Conference – Host 500+ High School Students for Career Exploration

### **NEXT MEETING DATE/TIME/LOCATION/AGENDA**

The next STEM meeting will be via WebEx on Wednesday, May 20, 2020 at 3 p.m. Agenda:

- ✓ Get Real Math/Science
- ✓ Getting Students Interested in STEM/Nontraditional classes
- ✓ Video Production/Learning for Elementary Students
- ✓ Females in STEM Occupations
- ✓ Next Meeting Date/Time/Location/Agenda