

**NEW Manufacturing Alliance  
STEM TASK FORCE – WEBEX MEETING MINUTES  
Wednesday, May 20, 2020 – 3:00 PM**

**ATTENDEES:** Carol Bredesen-Amcor, Ann Flad-Jesion-Progress Lakeshore, Steve Meyer-FVTC, Linda Osterloh-Jacobs, Greg Rose-Clintonville MS, Sara Rosenow-Belmark, Joe Turner-De Pere HS, Brian Witt-Ariens Co., Ann Franz-NEWMA, Debbie Thompson-NWTC

## COVID-19

### NEWMA COVID-19 ACTIVITIES

- Continue a weekly communication of webinar offerings and COVID resources updates.
- Identified PPE sources for Alliance members to purchase for their employees.
- Held a Manufacturers' Roundtable in partnership with the Greater Green Bay Chamber on April 30. Hosted 52 registered attendees.
- Surveyed members regarding their interest in various COVID-19 related topics. Top choices for each of the four categories:
  1. **Workforce Issues**
    - How to handle sensitive communications (if an employee is sick)
    - Motivating and managing employee stress
  2. **Sales & Marketing**
    - Lead generation in an era of COVID-19 (trade shows, outside sales, virtual sales calls) (*2<sup>nd</sup> Choice*)
  3. **Production**
    - Social distancing in the workplace (*3<sup>rd</sup> Choice*)
  4. **Management**
    - Crisis management planning and execution (*1<sup>st</sup> Choice – Acuity will present on this topic at the 6/10/2020 virtual full membership meeting.*)
- The Alliance was featured on [NBC 26 News](#), discussing companies that are hiring.
- Connecting manufacturers with grants for PPE start-ups.
- Created a new COVID-19 directory, featuring free full-page ads for members.
- Assisted the Brown County Health Department with reviewing its 'Health Guidance Directory for Manufacturers'.

### MEMBERS' COVID-19 ACTIVITIES

- Fox Valley's K-12 grading transitioned to pass/fail. Educators are reviewing online resources for the 2020/2021 school year, as a contingency plan. Schools are brainstorming for all the possible learning scenarios. The final plan will likely be a last-minute decision, due to the constant evolving status of COVID.
- Fox Valley K-12 options being discussed include having students onsite every other day, participating in online learning the days they are at home. High school students could do online learning entirely. This would allow middle school students to move into the high schools, increasing social distance.
- FVTC has an online graduation ceremony scheduled for May 30 and will begin June 1 with some limited face-to-face instruction. Class sizes are limited to 10, including the instructor. Construction and natural resources programs will be having students onsite, while practicing social distancing. Students are being rotated through the labs. Precautions include entering through a specific door, wearing masks and taking temperatures.
- FVTC new enrollments are up by 10%. A lot is still to be determined for fall, with limited capacity.
- Organizations' response to COVID has varied. Some companies are making masks and temp checks optional, while others have a stricter protocol in place.

### 2020 GET REAL MATH & NEW GET REAL SCIENCE VIDEOS (GRM/S)

A promotional GRM [video](#) was produced for the Wisconsin Mathematics Council's website, due to not being able to present at their event. The 8-minute video features GRM; mission, history, and three video clips.

St. Bernard Catholic School won the biannual \$250 drawing for their math department. Teachers from all over the country have registered on the GRM website. Several teachers found the website by following a 'Maneuvering in the Middle' Facebook page.

Due to the pandemic, members were unable to film new Get Real Math videos. Ryan Peterson of Brillion High School is reviewing the published GRM videos to see if they can be repurposed to include science.

Members discussed alternatives for the October Premiere that would feature the repurposed videos. Greg Rose, science teacher at Clintonville Middle School, shared there is great interest by teachers to utilize the GRM and proposed science videos, as they are looking for online resources. He suggested hosting a group of science teachers and industry reps to discuss school state standards, followed by topics conducive to industry. Joe Turner stated math teachers could also be invited to identify math and science curriculum crossover and determine where there is the most overlap. One question for the meeting would be determining the science standard that should be used for the lesson plans.

Members agreed to move forward with a virtual event for science teachers, possibly including math teachers. The agenda will be planned. To prepare, Ann will review questions used at the math summit. Science teacher feedback will be helpful in developing the new videos.

### **9<sup>TH</sup> GRADE FEMALE STEM EVENT & OTHER PROGRAMMING TO PROMOTE STEM/NONTRADITIONAL CLASSES**

Members would like to continue with the fall 2021 event format discussed at April's meeting. The large event would potentially feature Sarah Thomas, first NFL female official, as the keynote speaker. Eight females working in STEM will also be showcased, followed by plant tours. The potential venue will be the Fox Cities PAC. \$25,000 in sponsorships is needed. \$5,000 was awarded through a Microsoft grant. There will be eight weeks of one weekly Facebook Live *or* YouTube Live, following the event, featuring the eight females that presented.

Other ideas/considerations for getting females interested in STEM were discussed.

- Greg shared UW System offers some daylong STEM activities, featuring people and resources that could be tapped.
- Women in Technology Wisconsin, Inc. and may offer viable resources.
- WIT4Girls is designed to excite, inspire and engage young women with technology, offering innovative ideas.
- Students often do what they see their older peers doing and may feel awkward if they don't have a friend in certain groups. Mentoring is important to keep students interested.
- Joe Turner is working with a group of De Pere High School girls who have expressed interest in mentoring younger girls. When school is back on campus, Ann would like to have a meeting with these young ladies to get their perspectives on generating interest in STEM.
- Ann will follow-up with the regional Girl Scouts executive director, as the organization is a great resource to impact elementary and middle school girls.
- Girls often experience divergence in early middle school, identifying mainly with their peers.
- Teachers need to be properly prepared to deliver science content, to keep students engaged.
- Guidance departments need to be proactive when helping students make their class choices.
- NEWMA's K-12 outreach survey will ask manufacturers if they have any female mentors who work in a STEM career.

### **ELEMENTARY SCHOOL STEM VIDEOS**

At April's STEM meeting, members discussed partnering with the Paper Discovery Center to produce a video(s) for younger students that are not yet ready for GRM/All Stars. Filming could be done live, with the videos hosted on YouTube. Ann will be meeting next week with one of the Paper Discovery Center's board members. This initiative will be discussed at the July 22 meeting.

## UPCOMING ALLIANCE EVENTS

- June 1 – Nominations open for the 2021 All Star Awards, with the deadline to nominate July 10.
- June 10 – NEWMA Quarterly Membership Virtual Meeting
- June 12 – Nomination Deadline for Excellence in Mfg./K-12 Partnerships Awards – *Members are encouraged to nominate a deserving candidate(s).*
- August - K-12 Outreach Survey of the membership identifying manufacturers' interest at their desired school districts. This 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 – 500+ high school students attend for career exploration.

## NEXT MEETING DATE/TIME/LOCATION/AGENDA

The next STEM meeting will be held tentatively at Ariens Co. and via WebEx on Wednesday, July 22, 2020. Agenda:

- ✓ 2020 Get Real Math/Science Videos
- ✓ 9<sup>th</sup> Grade Female STEM Event & Other Programming to Promote STEM/Nontraditional Classes
- ✓ Elementary School STEM Videos
- ✓ Upcoming Alliance Events
- ✓ Next Meeting Date/Time/Location/Agenda