



FAME e-News – Winter 2013

- **From the Chair, Mike Mandina** (FAME Chair; President of Optimax Systems, Inc.)
FAME Members,
I continue to be encouraged by the growing trends towards collaboration between industry, government and academia. I am also encouraged by the growing recognition in our nation at all levels and regions about the skills gap and the need for a vibrant US manufacturing sector. Minds are being changed and the FAME agenda has become a priority. If there is any doubt you need look no further than this Sunday's Democrat and Chronicle, "[Colleges lead the way for upstate: Universities become more collaborative with businesses](#)". Worker education and the role of community colleges working with employers is a key element of the article.

At the kindergarten through twelfth grade levels, visionaries like our recent keynote speaker Dr. Bill Daggett have answers, and organizations like the NYS Department of Education are listening to him and considering adoption of his principals of relevance and rigor into the K–12 curriculums. Many educators understand the benefit of relevance in a student's learning plan and how it can motivate. Educators like our STAR Award winner Paul Conrow (RCSD, East High School) demonstrate what can be done when educators are allowed to innovate and work with employers.

In the months ahead, I will be carrying the message to DC in partnership with Business Leaders United (www.nationalskillscoalition.org), attempting to gain movement in the stalled SECTORS Act, and I will also be engaged in a workshop with Dan White, District Superintendent of Monroe 1 BOCES, at Harvard in an attempt to positively impact K-12 Career Pathways.

Advancement is only possible with the support and direct engagement of employers. My thanks to current FAME members, if you are not currently engaged, please consider participating actively in FAME and its committees and assisting in recruiting other advanced manufacturers to join us!

Mike Mandina

- **FAME's annual signature event "College AND Career Ready – How New Requirements in Schools Will Impact YOUR Future Workforce!" - draws over 200 academic and industry attendees!**
The Finger Lakes Advanced Manufacturers' Enterprise (FAME) was pleased to present Dr. Willard R. Daggett, Founder of the International Center for Leadership in Education, at its annual industry/education event on January 17, 2013 at Monroe Community College. Attended by over 200 industry and education professionals, the event offered a terrific opportunity for business and educators to not only hear Dr. Daggett's dynamic presentation, but discuss and brainstorm ways that industry and schools can work together to excite students, parents and teachers about careers in CTE fields. (To learn more about Dr. Daggett visit: www.leadered.com) To see photos from the event, and for a link to Dr. Daggett's presentation slides, please visit the updated event web page at: <http://www.nyfame.org/CollegeANDCareerReadyJanuary172013.asp>



Dr. Daggett outlines the changes in NYS common core standards (left).

At the event, FAME was delighted to present its first ever 2013 Leadership Award for excellence in educational outreach in the CTE field. Many thanks to everyone who nominated individuals for the award, we had a well-deserving field of nominees! This year's award was presented to Paul Conrow of Rochester CSD's East High School. On his own initiative, Paul applied for and won funds to build an ophthalmic program at EHS, including building an ophthalmic manufacturing lab where he intends on having students make corrective eyewear for EHS students. He was also able to secure additional funds to build a precision optics manufacturing lab. In order to build the lab, Paul needed approval from the EHS management and built ties to industry through the Rochester Regional Photonics Cluster and FAME. Both programs are now up and running, the classes are fully enrolled and there is a waiting list. Kids are learning theory and application. The engagement from the students is very high and their prospects for further academic achievement and/or employment after high school is greatly enhanced; Paul also gained college accreditation from MCC for his optics fabrication course. Congratulations, Paul!



Mike Mandina (left, FAME Chair) and Paul Conrow (right, East High School), after Paul was presented with FAME's 2013 Leadership Award.

- **Update from FAME's Hiring & Training Committee**

The next meeting of FAME's Hiring & Training Committee will be Tuesday, **February 26, 2013 from 8:00-10:00AM** at the FLCC Canandaigua Campus in the new Student Center. The meeting will be held in Stage 14, and parking passes will be required. The topic of the meeting will include a presentation on Veterans' Opportunities by Lynn Freid

of FLCC, and will identify current activities specifically aimed at veterans related to this topic and a discussion on equating military positions/skills to civilian jobs and their industries. If you would like to attend, please contact Michele by Friday, February 22 (email: fame@nyfame.org). A full agenda will be available closer to the meeting date.

- **FAME's Pipeline Committee is scheduling Winter/Spring 2013 facility tours!**

The focus of FAME's Pipeline Committee is to expose and excite youth about future careers in advanced manufacturing and STEM fields. At its most recent meeting on January 25th, the committee discussed progress along several avenues in pursuit of these goals – including: compiling a listing of companies willing to host summer internships, MCC's TAAC grant award and upcoming STEM competition and Hi Tech Expo events, and updates from local school districts on tours and outreach. Their next meeting is scheduled for **March 8th at GW Lisk**. To attend, please contact Eileen Rucinski (Pipeline Chair) at email: rucinem@kellyservices.com Eileen has also received numerous requests for in-school speakers as a result of FAME's January 17th event at MCC. If you are willing to talk to middle and high school level students about your company and careers in AM, please contact Eileen to volunteer. Speakers from across all nine counties are being sought. The complete minutes from Pipeline's January 25th meeting are available at: <http://www.nyfame.org/documents/1-25-13PipelineCommitteeMeetingMinutes.pdf>

- **Update from FLWIB Advanced Manufacturing Career Navigator, Bill Rotenberg**

There are currently just under 100 participants in the Advanced Manufacturing Career Pathways (H1B) Grant enrolled in programs at Finger Lakes Community College, Genesee Community College, and Monroe Community College. 35 new students joined the program in January for winter term classes. These students have all started their academic programs and are on their way to careers in advanced manufacturing! Currently the grant is focused on enrolling students for September of 2013. Other activities include:

- Continued visits to all of the One Stop and Workforce Development Offices throughout the nine county region and training seminars for unemployed adults
- Attending regional job fairs, veteran events, and secondary open houses
- Meeting with high school students, counselors, and parents to promote Advanced Manufacturing Education and Careers
- Collaboration with the community colleges to market programs and the grant opportunity.

If you know someone who is interested in the grant opportunity or qualifying programs, contact Bill through email at: amcn@fingerlakesworks.com or at the Finger Lakes Workforce Investment Board (315)789-3131 ext. 105.

- **Many thanks to FAME's US FIRST LEGO League sponsors!**

FAME member companies sponsored five US FIRST LEGO League teams in this year's Fall 2012 competition! Our thanks go out to **Absolute Precision LLC, Gorbel Inc., Harbec Plastics, Optimax Systems, OptiPro Systems, Precision Grinding & Mfg Corp., and Unique Automation LLC** for teaming with FAME to support this important science and technology initiative for students in our region's middle schools. Teams from Canandaigua Middle School, North Rose-Wolcott CSD's Leavenworth Middle School, Pal-Mac Middle School, Victor Junior High School and Wayne Central (Ontario

Elementary School) all received FAME member sponsorship for this season's "Senior Solutions" competition.

- **Another successful summer for FAME member AM internships!!**

Fifteen FAME member companies employed 81 summer interns in 2012, a 15% increase over 2011! Ranging in fields from engineering, assembly, IT, quality, tool crib technicians, HVAC and parts washers to marketing, purchasing and supply chain efforts—these companies have truly brought a focus and exposure to the field of advanced manufacturing through their efforts to expose youth to future career paths! Representing a combination of high school and college students, many of these interns will be returning to their host companies during school breaks, and some have been offered the opportunity of potential full time employment when they graduate. FAME would like to thank the following member manufacturers for their contribution to the Pipeline effort: **Caldwell Manufacturing Company NA LLC, CAR Engineering and Mfg, CCMI Inc., Coach & Equipment, GW Lisk, IEC Electronics, ITT Goulds Pumps, Legendary Auto Interiors Ltd., New Scale Technologies Inc., Optimax Systems Inc., OptiPro Systems Inc., Parlec Inc., QED Technologies, Southco Inc., and Sydor Optics Inc.**

- **Join FAME's LinkedIn group for timely updates!**

Stay up-to-date on the most current advanced manufacturing workforce news! Join FAME's LinkedIn group today at the following link:

http://www.linkedin.com/groups?gid=2889557&trk=hb_side_g

- **News you can use:**

Five Myths About Manufacturing Jobs

http://www.washingtonpost.com/opinions/five-myths-about-manufacturing-jobs/2013/02/15/48592140-748b-11e2-8f84-3e4b513b1a13_story.html?tid=pm_opinions_pop

Briefs from the Brookings institution – "Cut to Invest" series (3 parts):

Create a Nationwide Network of Advanced Industries Innovation Hubs

<http://www.brookings.edu/research/papers/2013/01/14-federalism-series-advanced-industries-hubs>

Create a "Race to the Shop" Competition for Advanced Manufacturing

<http://www.brookings.edu/research/papers/2013/01/14-federalism-series-race-to-the-shop-katz>

Support the Designation of 20 "U.S. Manufacturing Universities"

<http://www.brookings.edu/research/papers/2013/01/14-federalism-series-manufacturing-universities>

Understanding the Skills in the Common Core State Standards

<http://www.achieve.org/files/Understanding-Skills-CCSS.pdf>

Caterpillar Youth Apprenticeship Program - A Partnership Worth Repeating

<http://icw.uschamber.com/promising-practice/caterpillar-youth-apprenticeship-program-partnership-worth-repeating>

Finger Lakes Works with Their Hands October 2012 Event – YouTube video by FLCC
<http://www.youtube.com/watch?v=SHPEz4dioFs&feature=youtu.be>

- **Upcoming meetings and events:**

- *FAME Hiring & Training Committee Meeting*
February 26, 8:00-10:00AM; Location: FLCC Canandaigua Campus, Student Center (*Parking passes required)
contact: Michele Stolberg, e-mail: fame@nyfame.org
- *FAME Pipeline Committee Meeting*
March 8, 8:30-10:30AM; Location: GW Lisk, 2 South St., Clifton Springs
contact: Eileen Rucinski, e-mail: rucinem@kellyservices.com
- *Advanced Manufacturing Veterans Job & Resource Fair*
March 21, 1:00-4:30PM; Location: Canandaigua American Legion Post 256, 454 North Main Street, Canandaigua
contact: Brian Young, Finger Lakes Works/Ontario Cty, e-mail: Brian.Young@dfa.state.ny.us or register online at: <http://www.fingerlakesworks.com/employers.php>

- **Welcome new FAME members!**

- Junior Achievement of Rochester, NY Area, Inc., www.jarochny.org
- Gunlocke, www.gunlocke.com
- New Cov Manufacturing

Thank you for your support of FAME!
Michele Stolberg

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