

## Summer 2015 E-Newsletter



Finger Lakes **Advanced Manufacturers' Enterprise**  
Building Minds that Make It



### From the Chair

*Mike Mandina*  
*Chair, FAME/President, Optimax Systems*

FAME Folks,

I'm sure you have all heard about Rochester's huge win! The Integrated Photonics Institute for Manufacturing Innovation award will channel hundreds of millions of dollars to the region. While the Institute is photonics based, the impact for businesses, and especially precision manufacturing should be palpable. We should expect a demand flow-down for products and services to our regional

supply chain. While initially we can expect a flurry of high level hiring of researchers and engineers, in short order the need for skilled technicians will arise. We should also expect new and existing technology companies to experience sales growth, leading to additional hiring.



I was asked to participate on the committee as a small/midsized business and as FAME's Chair. Although I was not privy to the final proposal, I fully expect that workforce recruiting and training will receive at least \$2 million per year for 5 years. A portion of these funds will be allocated for hands-on and classroom technician training at the high school through community college level. Additionally, I am hopeful that FAME's *5% Pledge*, where advanced manufacturers increase their workforce by 5% during the summer months, will receive funding for a more substantive recruiting and awareness campaign so FAME companies can increase our skilled worker pipeline.

Here is a recent video that you likely have not seen. It was commissioned to strengthen our chances with the review committee: <https://www.youtube.com/watch?v=qX1DgAJwXqM>  
It provides a bit of insight about integrated photonics and why the Upstate region is the best location in the country. I was also part of a WXXI panel discussion on August 3 that may be of interest, weblink: <http://wxxinews.org/post/connections-science-roundtable-tackles-photonics>

Thank you for your continued support and participation in building FAME as a nationally recognized model for public-private partnerships. These partnerships are necessary in order for regions to win competitive grants such as this. It is not our first win, and it will not be our last!

I hope you are enjoying your summer.

Best,  
Mike

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## Welcome New FAME Members!

### WFL BOCES P-TECH

[www.wflptech.org](http://www.wflptech.org)

### Williamson Sr. High School

[www.williamsoncentral.org](http://www.williamsoncentral.org)



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## FLCC Fall 2015 Course Announcements

**Mechatronic Technology:** This 12-week course covers basic electrical and mechanical fundamentals common to many employers and provides training in industry certifications in soldering and safety. The next class begins Sept. 28. Call (585) 785-1906 for information.

**Advanced Manufacturing Machinist:** This six-month program provides training in metal properties and machine tools necessary for production of precision components for a wide range of industries, from medical to aerospace. A class will begin Sept. 14 at G.W. Lisk Co. For more information, call (585) 785-1906.



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## FAME Career Navigator

The Finger Lakes WIB received a no-cost 1 year extension for 60 more seats for the Advanced Manufacturing Career Pathway grant. The goal is to enroll an additional 60 students that will complete a certificate course in Precision Machining,



Computer Aided Design & Drafting, Accelerated Precision Tooling or Optical Systems Technology. To date, 212 students have participated in the H-1B grant, 56 are employed in jobs ranging from test technicians, machine operators/ programmers up to supervisor, quality engineer, process engineer. 10 have elected to continue their education. To date 101 students have graduated with either an AAS/AS degree or a certificate. 67 students graduated in May 2015. Assisting current

students with developing a profile that is a snap-shot of their skills/courses is an ongoing process. Efforts are underway to help these students secure internships/co-ops while they are in school and/or full time employment when they graduate. Please contact Eileen Rucinski at [amcn@fingerlakesworks.com](mailto:amcn@fingerlakesworks.com) or (315) 789-3131 ext. 105 for more information, or if you know someone who would be interested in the grant.

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## Upcoming Events/Meetings

### 10TH ANNUAL “FINGER LAKES WORKS...WITH THEIR HANDS!”

Thu, October 1, 8:00am – 2:30pm  
Rodman Lott & Son Farms, Seneca Falls, NY  
For information visit:

<http://www.fingerlakesworks.com/youth/finger-lakes-works-with-their-hands/>

**Exhibitors deadline August 31st!**



### Manufacturing Day 2015!

Fri, October 2, Locations and events vary, check the Mfg Day website for details:

<http://www.mfgday.com/events>

*Hosting an event? Make sure to put your event on the map! Register your event at:*

<http://www.mfgday.com/user/register>



To see a complete listing of FAME events, please [check online!](#)

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## Congratulations to the 2015 SAME graduates!

On Friday July 24, the 2015 class of SAME (*Summer Advanced Manufacturing Experience*) students graduated at MCC's Applied Technologies Center. Having participated in a two week hands-on experience for students in the precision manufacturing career field, the students each received three credit hours toward an A.A.S. degree or certificate in Precision Machining or Optical Systems Technology at MCC. SAME is the result of a collaborative partnership between Monroe County, MCC, Monroe 2-Orleans BOCES and FAME.

*Photo courtesy of MCC.*



## Alfred State Breaks Ground on New Advanced Manufacturing Center

On June 25, Alfred State broke ground on a new 16,500-square-foot Sustainable Advanced Manufacturing Center (SAMC). The facility will house welding and machine tool computer and numerical controls (CNC) technology programs and will assist manufacturers in the development of new products and systems. The NY state-funded facility will include classrooms, a computer lab, welding fabrication shop, material handling and preparation space, CNC machine shop, metrology and inspection space. For complete information, visit: [http://www.oleantimesherald.com/news/article\\_978dbf78-1aec-11e5-a03a-a3d442020cb1.html](http://www.oleantimesherald.com/news/article_978dbf78-1aec-11e5-a03a-a3d442020cb1.html)



## FAME Committee Updates



### Hiring & Training

FAME's Hiring & Training Committee met on June 26 at the FLWIB in Geneva, and on July 31 at the WFL BOCES in Newark. The group discussed the importance of training and soft skills development, as well as developing local talent and keeping it here in the region. Training grants are also on their agenda for the upcoming year.

On the horizon, H&T is planning two *Soft Skills Summits* this Fall, dates and locations TBD. The events will be held from 5-7 p.m. One event will be held in the Finger Lakes area, and the other in the Monroe County area. The next H&T Committee meeting will be on September 11.



### Pipeline

The most recent meeting of FAME's Pipeline Committee was held on July 17 at the FLCC Victor Campus; their next meeting is August 28. This Summer Pipeline has been offering and coordinating "Teacher Tours" of AM facilities, and may try to coordinate them with Professional Development opportunities in the future.

Pipeline has a full slate of events lined up for Fall 2015, including support of FLWWTH and Manufacturing Day, school tours and speakers' bureau activities.

The group congratulates



### Executive Committee

FAME's Executive Committee wishes to thank Tim Witter of Gorbel for his many years of support of FAME and service on its Executive Committee. Tim recently left Gorbel, and will be working in the Southern US. He was the first Chair of FAME's Image Committee, and was a staunch advocate for FAME over his many years in the Finger Lakes region. We wish him well in his new endeavors!

*For all meeting agendas and minutes, please visit the FAME website at the following link:*  
[http://www.nyfame.org/about\\_meetings.asp](http://www.nyfame.org/about_meetings.asp)

Dan Gersbach on his retirement from G.W. Lisk! Dan is taking a teaching position at Flint BOCES. Dan was one of the first co-chairpersons for the Pipeline Committee.

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## News You Can Use

**Get a Free White Paper Download, "Embracing Millennials: Closing the Manufacturing Skills Gap and Gaining a Competitive Advantage."**  
<http://ppc.toolingu.com/training-millennials/>

**Growing skills gap: 80% of small businesses can't find qualified staff**  
<http://www.theguardian.com/sustainable-business/2015/jun/22/skills-gap-small-business-qualified-staff>

**MCC Teams up with JPMorgan Chase to Expand Middle-Skill Efforts**  
<http://www.monroecc.edu/etsdbs/pubaff.nsf/Web+By+Date+Posted/713D156280DC95CC85257E610070F9CE?OpenDocument>

**A New Push For Apprenticeship As A Path To Employment**  
<http://thedianerehmsshow.org/shows/2015-07-28/a-new-push-for-apprenticeship-as-a-path-to-employment>

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