With more than 100 in attend ance, the Bay Area Manufacturers Association kicked off its new fiscal year with an exceptional year-end wrap up at the airport Holiday Inn in Clearwater.

The evening began at 5:00 pm with Registration, Networking, Robotics Demonstrations, Science Fair Demonstrations. The East Lake Robotics team demonstrated its award winning robots and students recognized for their science fair projects that best applied to manufacturing were present.

Cliff Csulik, BAMA outgoing Board President kicked off the meeting with his Opening Remarks and a BAMA year in review and key accomplishments www.bama-fl.org/year-in-review.

Guest Speaker, Congressman David Jolly, U.S. Representative for Florida’s 13th congressional district, talked about the positive outlook for manufacturing in Tampa Bay and met with the students present.

Rick Concotelli was elected as incoming Board president; Mike Brewster as Vice President; Ann Paxton will remain as Treasurer; Cliff Csulik is the Past President. Two-year board renewals were accepted for Rick Concotelli, Cliff Csulik, Jim Long, Ann Paxton, Grant Peterson, Dennis Piotrowski and Dennis Stotts. Other board members with terms renewing next year are Mike Brewster, Jeff Perkins, Dru Wilson and Rob Wallace.

Those students recognized for science fair projects were, in Pinellas County: Matthew Boutot, 7th grade, Fuel for the Future; and Reese Epright, 11th grade, I-Beams. For Hillsborough County STEM fair recognition was given to, Ethan MacCormack, 5th grade, “How does this grab you?”, Tanna Campbell, 7th grade, “Engineering an Adaptive Headlamp”; Andrew Butt, 11th grade, “The Effect of 3D Printing Infill on the Weight Efficiency of a 3D Printed Bridge”.

Scholarship winners were awarded through Hillsborough Education Foundation, Karla Alonso and Victoria Hamilton; Pinellas Education Foundation, Abigail Ziegler (not present); St. Pete College Foundation, Veteran’s Scholarship awarded to Edward Davis and the BAMA Scholarship awarded to Daniel Kelly.

BAMA team also recognized those who have made BAMA an outstanding organization. Awards were presented for Distinguished Service Award, Dru Wilson; Honorary Life Member, Ed Venner; Member of the Year, Monin Gourmet Flavorings; Emerging Leader, Jim Long; and Associate of the Year, Beth Ross.

Continued on page 8
Would you like your manufacturing facility to be highlighted in a future newsletter? Email: Becky at becky@bama-fl.org

EMS, Inc.

When Mark Kemper first saw 3D Printing in 1989, he thought it was a very exciting technology. Unfortunately, it was very complex and expensive at the time.

By the late '90s, the technology had come down in price and complexity. He believed 3D printing would become the future of prototyping and short run manufacturing so in 2001, he started EMS, Inc., focused on 3D Printing and 3D scanning.

EMS delivers advanced 3D scanning and 3D printing equipment and services that help industrial customers solve reverse engineering and inspection challenges and streamline product development processes. EMS works with clients across a range of industries including aerospace, automotive, military, simulation & training, consumer products, medical and entertainment markets. EMS is headquartered in Tampa with 14 employees and regional offices in Detroit and Atlanta.

“Many people are familiar with the consumer side of 3D printing from all the hype and press over the last few years. However, I think people would be surprised at how many different commercial and industrial applications exist for 3D Printing and 3D Scanning. We have worked on projects ranging from microscopic medical parts to military aircraft, from pre-historic skulls to popular park rides, and from beheading axes to exotic sports cars. And everything in between,” Mark said.

He continued, “Even though much of the hype around 3D Printing has finally settled down in the consumer market, 3D printing and 3D scanning will continue quietly making inroads in commercial and industrial markets in the coming years. As technology costs fall, market adoption will increase across multiple applications such as reverse engineering, quality control, metrology, concept models, functional prototypes and end use products.”

As a new member of BAMA, Mark thinks it’s important for us as a local community to work together to support and promote engineering and manufacturing jobs and companies in the bay area.

If BAMA members would like to know more about 3D printing or 3D scanning, or have any questions about their unique applications, contact 813-971-2700.

Upcoming Events

Employment Law Thursday, August 18 5:30 PM

Manufacturer's RoundTable Thursday, September 22 5:30 PM

Attend a BAMA event and you could WIN FREE BUCCANEERS TICKETS!!

See these events and more at www.bama-fl.org/calendar
And check out the manufacturing community calendar: www.bama-fl.org/otherevents
Board Spotlight: Rick Concotelli

On June 16, the command of the Bay Area Manufacturers Association was turned over to a new regime when Rick Concotelli was voted in as the new president of BAMA. Rick has been a member of BAMA for 12 years and on the Board of Directors since 2011, being appointed BAMA Vice President in 2012.

Rick works in Business Development at Lockheed Martin – Aeronautics Division in Pinellas Park. He’s been there for 15 years, working his way through the ranks from a manufacturing engineer, a project manager and then promoted at LM to his current position. Before coming to Florida, Rick started out at Lockheed in Ft. Worth, Texas re-designing the F16 for Japan.

Rick is very active with BAMA in taking a leadership role in the Membership Committee. The committee goes out and visits local manufacturers that are not members to speak with them about the benefits of membership and inviting them to meetings and events.

Lockheed recently hosted several local manufacturers with a discussion with Governor Rick Scott about what manufacturers in Tampa Bay need to help their business grow.

Rick sees great things in store for BAMA with its continued growth, events and outreach to legislators. The best thing about BAMA, according to Rick is ‘Paying it forward.’ He added, ‘At BAMA we are working together to put out a product that serves the membership and will leave the community in a better position. I could not make this big of an impact or get this much done by myself, but together we can make a significant contribution, and that makes me smile. Our association is made up of volunteers. Very little of this would be possible without their support. I encourage you to look at our committees and find an opportunity to help us accomplish a small goal and make a huge connection with the manufacturing community.’

BAMA Member News

McCormick Stevenson Engineering + Design, a Clearwater-based corporation that delivers mechanical engineering services to Prime Contractors in the Aerospace, Defense and Homeland Security industries expanded its office. MCCST has hired four new employees and a summer intern.

“We’re pleased to be expanding our team with incredible talent to better serve our growing client roster across the U.S.,” said Noel McCormick, McCormick Stevenson Engineering + Design.

New hires include:
- Zachary White, Engineer
- Andrew Monachella, Senior Designer
- Ryan Voss, Engineering Associate
- Jon Carter, Principal Engineer

MCCST has added 3000 square feet of new floor space to accommodate our recent and expected future growth.

In January, BAMA member, Seaboard Manufacturing participated in a video for Congressman David Jolly’s proposal of the Stop Act.

Jolly proposed the Stop Act, which would ban members of Congress from personally asking people for money. The proposal prohibits elected federal officials from directly soliciting political contributions. They could still attend fundraisers and speak to donors; but they would not be allowed to personally ask for campaign donations

See the video here: https://www.youtube.com/watch?v=whYU4yAgis

EEI Training is offering BAMA Members exclusive discounts for August & September classes. Register now through Aug. 31 to attend classes in August to receive a 25% discount, September classes a 20% discount.

For more information, please contact Training Center Coordinator Jessica Wilson at jwilson@eeimfg.com. Click here to view their current schedule online (limited seats available).
Manufacturing Month is coming  
Help MAKE FLORIDA #1 Again!

It's that time of the year when we start focusing our efforts on Manufacturing Day.

Manufacturing Day is a celebration of modern manufacturing meant to inspire the next generation of manufacturers. Officially, Manufacturing Day occurs on the first Friday in October.

More often, manufacturing is recognized with tours, proclamations, dinners and STEM events the entire month of October.

We invite each of you to join forces with FLATE and the Bay Area Manufacturers Association to promote and celebrate 2016 Manufacturing Day MFG DAY/Month!

Last year, FLATE together with statewide partners worked cohesively to coordinate and organize industry tours for hundreds of middle and high school students and teachers. This strategic effort enabled students and educators across Florida to visit local manufacturing operations across Florida on Manufacturing Day and throughout the entire month of October. It also placed Florida at the #1 SPOT IN THE NATION for hosting total number of tours and events for the 4th consecutive year!

This year we're hoping to do even better and we need your continued support and participation to make that a reality.

Read how you can participate and be part of this national phenomenon on the FLATE Blog, or visit the Made in Florida website and contact Dr. Marilyn Barger, Executive Director of FLATE at barger@fl-ate.org, 813-259-6378.

If you would like to enrich young minds and let them see what manufacturing careers might be available for them, please email Becky to get your facility involved in tour!

You can find out more by visiting www.mfgday.com.

#MadeInTampaBay

Certified Production Technician classes

St. Pete College is offering a Manufacturing Skill Standards Council (MSSC) class in September and you might want to consider your production employees.

This 6-week program exposes students to safety, production processes, quality assurance, and maintenance awareness. They are prepared for a national certification, which articulate with our 2-year degree in engineering technology for 15 credit hours.

The Certified Production Technician (CPT) certification recognizes four manufacturing core competencies in Safety, Production Processes, Maintenance Awareness, and Quality Assurance. Both new and incumbent workers benefit from formalizing their skills and knowledge. The cost is $995 per student.

For more information, contact Jill Flansburg at 727.791.2508 or click her name to e-mail.

Manufacturing Day

The top 10 states, in terms of number of MFG DAY events, have provided some surprises in the past couple of years. Take a look:

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>2014 Event Count</th>
<th>2015 Rank</th>
<th>State</th>
<th>2015 Event Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Florida</td>
<td>162</td>
<td>1</td>
<td>Florida</td>
<td>278</td>
</tr>
<tr>
<td>2</td>
<td>California</td>
<td>149</td>
<td>2</td>
<td>Ohio</td>
<td>182</td>
</tr>
<tr>
<td>3</td>
<td>Illinois</td>
<td>106</td>
<td>3</td>
<td>Michigan</td>
<td>177</td>
</tr>
<tr>
<td>4</td>
<td>Wisconsin</td>
<td>75</td>
<td>4</td>
<td>California</td>
<td>158</td>
</tr>
<tr>
<td>5</td>
<td>Indiana</td>
<td>75</td>
<td>5</td>
<td>Iowa</td>
<td>139</td>
</tr>
<tr>
<td>6</td>
<td>Pennsylvania</td>
<td>72</td>
<td>6</td>
<td>Indiana</td>
<td>131</td>
</tr>
<tr>
<td>7</td>
<td>Ohio</td>
<td>70</td>
<td>7</td>
<td>Pennsylvania</td>
<td>120</td>
</tr>
<tr>
<td>8</td>
<td>Michigan</td>
<td>67</td>
<td>8</td>
<td>Illinois</td>
<td>119</td>
</tr>
<tr>
<td>9</td>
<td>New York</td>
<td>64</td>
<td>9</td>
<td>New York</td>
<td>113</td>
</tr>
<tr>
<td>10</td>
<td>North Carolina</td>
<td>64</td>
<td>10</td>
<td>Minnesota</td>
<td>92</td>
</tr>
</tbody>
</table>

Attend a BAMA event and you could WIN FREE BUCCANEERS TICKETS!! How, you ask?? Attend an event to find out.
Inspiring the Engineers of Tomorrow

VEX Robotics Team 6430, The Trinity Dragons of Lutz closed out their 2015/2016 season in spectacular fashion with excellent performances at the VEX World Competition in Louisville, KY, April 20-23.

Throughout the year, 16,000 teams from 37 nations compete in local, regional, and state events, vying for one of the 1000 invitations to the VEX World Competition finals. In the VEX VRC high school division, Trinity teams 6430A and 6430B were blessed to win the Florida State Tournament, Florida State Programming Skills, and Florida State Driver Skills securing invitations for both of their robots to the World finale for the third consecutive season.

A new edition, rookie team 6430X, competed in the VEX IQ elementary school division and was blessed to win the Florida State Tournament as well, earning an invitation to the World event. At the world event, team 6430A placed in the top 30 of their division during the qualification round. They were then picked as an alliance of team 4915 (Hertfordshire, UK) and 72321 (MO, USA) competing through the elimination matches with a defeat in the quarter finals.

Overall, it was an excellent showing for the team as they finished with a record of 6-4-1 in the match rounds and placed 35th and 36th for Programming Skills and Driver Skills respectively out of 500 high school teams in the event.

Team 6430B went undefeated during the qualification round, placing them 2nd in their division, an alliance captain for the elimination round, and one of the top 10 high school teams at the event after qualifiers. They then picked an alliance of team 1104V (Ontario, Canada) and 563 (CA, USA) which competed through the elimination matches. They were eventually defeated in the semi-finals. It was an excellent showing for the team and they finished with an event record of 12-1. It was an inaugural World event for team 6430X. The rookie fourth grade elementary school team had the opportunity to compete and make friends with teams from numerous countries and were blessed to finish in the top 100.

2016 Program Showcase and Career Expo

St. Pete College's Workforce Institute invites you to its Program Showcase and Career Expo on Thurs., Aug. 18 at 7:30 am.

You can talk to faculty and staff in detail about training and certification programs in Manufacturing, Supply Chain, Business and Finance, and others. You can also attend breakout sessions and mini courses on Manufacturing, Professional Development, Project Management, and more!

If you would like to be a part of this event, please email Tucker.Fred@spcollege.edu or visit http://bit.ly/29scUwe.
“Autistic individuals’ strengths include the ability to find patterns and anomalies in data and to focus and perform high-quality repetitive work. Those attributes are valuable in roles in data analysis, IT, software design and multimedia,” according to job search website, Monster.com. And we should note that they forgot manufacturing.

“Most manufacturers have tasks and jobs that can be done by individuals with disabilities. The key is committing to it and understanding it takes time to find the right individuals for the right jobs. Having a few company “champions” committed to helping others and making the partnership successful helps a lot, too,” said Mike Brewster, VP of Plant Operations at Monin Gourmet Flavorings. Monin has created new opportunities for people with disabilities and, in turn, the most gratifying thing happened for both parties.

Steve Brown, a Job Skills Coach at Placement Works, worked closely with Andrew White and Jacob Solar to find a good fit for them in a manufacturing facility. Steve researched Monin Gourmet Flavoring’s manufacturing process and worked to identify several tasks that aligned with Andrew’s and Jacob’s strengths. With the help of Steve and the staff at Placement Works, Andrew and Jacob have found useful and productive jobs at Monin.

Prior to their current positions, Jacob was in a manufacturing assembly position and Andrew was recently laid off from stocking videos at a library.

Andrew and Jacob were both hired at different intervals of time and share similar characteristics of autism, such as excelling in repetition work like pattern-like work, as well as having the creative mind to build such things as Lego® building blocks. Many people think when someone states they have a disability that they may not be as productive as the next person. Monin is one example of utilizing individuals that have disabilities and emphasizing their abilities over experience.

Andrew was given the opportunity to put in place pumps that go on top of Monin’s flavored syrups. Prior to Andrew joining the team, Monin needed to pull workers from other areas to put the pumps together and package them individually before they could finish production. Andrew’s position was created to allow him to take over this task. His job was seen as a necessity to minimize down time. Andrew has done a superb job and now several outstanding things have happened.

This experience was so productive that they also brought on board Jacob Solar. He is one that, if he is caught up, he wants to take on even more. His personality, like Andrew’s, is to not only accomplish his job with perfection but to stay busy. “Jacob is a fine-witted young man that has a personality that just doesn’t stop. He is bright and his family is so extremely happy to see him in such a gratifying position that he truly takes pride in,” said Mona Andrews Employment Specialist at Placement Works.

Additionally, Andrew started to grow. He actually has started to carry on conversations with his own family. His uncle said, “I never knew Andrew knew so much about things.”

Right Fit, continued on p.7
Lockheed Martin - Pinellas Park Welcomes New GM

André Trotter has been selected as the new Program Director and General Manager for Lockheed Martin’s Pinellas Park, FL facility. He replaces Steve Cobb who retired in May 2016.

The Pinellas Park facility employs 230 manufacturing specialists and support staff. The 256,000 square foot facility specializes in sheet metal and extrusion fabrication, canopies, and structural subassembly for internal and external customers including the C130, F-16, and F-35 fighter aircraft. Lockheed Martin Pinellas has a proud history of performance in the region and will be celebrating the site’s 20 year anniversary in 2017.

“Our core business directly supports the men and women who fly the world’s most capable aircraft, ranging from air superiority to air transport and mobility,” said Trotter. “We have an outstanding workforce that knows the importance of our work and carries it out with excellence and efficiency.”

That work ethic is also carried into the community; Lockheed Martin employees recorded more than 1,700 volunteer hours in 2015, serving a variety of charitable and civic organizations in the area. Employee donations and company philanthropy totaled nearly $14,000. Trotter plans to add to that spirit of outreach, specifically focusing on mentorship and support for science, technology, engineering and math programs.

Trotter began his Lockheed Martin career in 1999 and was selected for the Engineering Leadership Development Program. He held positions of increasing responsibility in multiple business areas and locations as a senior capture manager, chief engineer, and

Continued, Right Fit

André felt that he really could accomplish something and being around other co-workers that had not given up on trying to speak with him and feeling a part of a team has completely changed Andrew’s life.

Andrew’s parents cannot believe the change they have seen in him and Monin has increased their production; a true win-win and more importantly, life changing!

As a result of Andrew and Jacob working at Monin, their production team’s flow has increased; camaraderie within the team has improved; general understanding of disabilities has been enhanced; and natural supports have developed organically by way of co-workers taking initiative to mentor and guide. “Our goal is to challenge each manufacturer to hire one person that has a disability to allow their ‘ability’ to shine through. Sometimes it is all about carving out a position, as Monin did and in doing so giving a person a true chance to succeed,” said Mona.

CareerSource News

Did you know that you can get money to train your employees?

CareerSource Tampa Bay and CareerSource Pinellas offer an Employed Worker Training program designed to assist your current employees in developing higher skills. Each year, a RFP is issued that local employers may complete.

For employers located in Hillsborough, visit career-source tampabay.com/rfps
In Pinellas, visit career-source pinellas.com/rfps

Job Openings?

Did you know you can post manufacturing jobs on the BAMA website? To post a job, log into the BAMA website (located on the bottom of the website) and go to bama-fl.org/jobpostings. If you are unable to log in, send the job to Becky. The jobs you post are not only viewable to the public, they are shared with the local colleges.

If the job has any specific certifications or criteria; or if you give hiring preferences to individuals with certifications, please state that along with the contact person or how someone can apply for the job. There is no cost for this service.
Mastercut Tool Corp. and the Shaluly Foundation, Inc. are planning their 2nd annual Manufacturing 5K Run Walk Paddle for Education. The event will be held on October 22 at Marina Park, in Safety Harbor. All proceeds from the event will be donated to engineering students.

Sponsorships and individuals are welcome to register. Sponsors will be recognized at the event and the foundation will travel to top donors’ locations to present proceeds to local chapters! If you have any questions, please feel free to contact marketing@mastercuttool.com.

Registration can be found at http://tinyurl.com/mfg-runwalk

Lockheed Martin, continued from page 7

Chief architect for both domestic and international customers. Most recently, he was the Program Director of F-35 AerSource and Systems Engineering for Lockheed Martin Aeronautics in Fort Worth. Having lived in Florida previously, the move to Pinellas Park felt like coming home. Trotter received a bachelor’s degree from the University of Alabama in Electrical and Computer Engineering, and a master’s degree in Systems Engineering from Johns Hopkins University. He has been recognized for his accomplishments and leadership as a recipient of the Modern Day Technology Leader Award from the Black Engineer of the Year Awards.

#MadeinTampaBay

To submit an article for the BAMA Briefing, email becky@bama-fl.org

Looking for something specific on the website but can’t find it? Use our site search feature located on the upper right-hand corner of the home page, or view the site map page: www.bama-fl.org/site-map

www.bama-fl.org