



Q3:
Art Byrne!

Award winning speaker at the Q3 Lean Event: Lean - People, Process, Clarity

QUARTERLY EVENTS

MARCH Q1 WORKFORCE EVENT The **Q1 Workforce Event: Work-Based Learning - Solving Mfg. Workforce Needs** was attended by over 70 participants representing 40 different local organizations. Attendees had a chance to meet Executive Director, Darrel Zeck, and Senior Director, Carrie Lively, from Indiana's Office of Work-Based Learning and Apprenticeship. Zeck and Lively presented on how internships, earn and learn programs and apprenticeships can help solve workforce needs, how a company or education provider can benefit from the new Indiana Graduation Pathways. Representatives from Toyota and Jasper Engines shared how their innovative partnerships with schools and changes in hiring practices are helping with employee retention.

MAY Q2 CYBERSECURITY EVENT The **Q2 Cybersecurity Event: Human Deception - Online & Everywhere - Beware!** allowed for over 70 attendees to learn from Erich Kron, nationally recognized speaker and Security Awareness Advocate at KnowBe4. He shared the ways cybercriminals are successfully and consistently exploiting human nature to accomplish their goals. The information was relevant to all technology users as well as IT professionals.

AUGUST Q3 LEAN EVENT The **Q3 Lean Event: Lean - People, Process, Clarity** featured Art Byrne, 2012 Inductee into the Manufacturing Hall of fame, award winning author and lean practitioner. Byrne is recognized for turning around over 30 companies through implementing lean practices, the most notable being the work he did with Wiremold Co. Joining him was Jim Benson, award winning author of Personal KanBan which gave the 170 attendees practical information to help them on their personal lean practices.

OCTOBER Q4 STATE OF MANUFACTURING EVENT The **Q4 State of Manufacturers' Event: Additive Manufacturing - Ready for Scale Production?** was attended by over 100 people. Attendees heard from Peter Zelinski, Editor-in-Chief of Additive Manufacturing Magazine, who has been writing about discrete part manufacturing for over 20 years. Zelinski shared information about the opportunities and potential resulting from additive manufacturing. Jesse Roitenberg, Stratasy's, National Education Sales Manager, also addressed the crowd sharing the importance of education in keeping up with this disruptive technology. Examples of work being done in this field were shared by several companies and students from Perry Central High School.



The TSMA Q1 event on work-based learning is exactly what we needed."

- Isabella Haws, Human Resources, AmeriQual Group LLC



Geared-up!
Ready to go at the Gibbs Die Casting Plant Tour

PLANT TOURS

FEBRUARY The **Best Practice Plant tour** was hosted by AMERIQUAL where participants learned about **RedZone** - a program that links sensors to assets to deliver real-time tracking of performance, availability and quality. Six different organizations' representatives were able to get real answers to their questions about the technology.

JUNE UNISEAL again opened its doors to all TSMA members offering a **Best Practice Plant Tour** to share their **Lean Inventory Management system**.

SEPTEMBER **GIBBS DIE CASTING CORP** recipient of the 2019 Manufacturing Leadership Award from the National Association of Manufacturers, opened its doors for the **Best Practice Plant Tour**. Representatives from six different organization learned about **Tiered Accountability Process, Daily, Shift hand-off, Daily, Shift plan of the day and Weekly, Plant performance review**. They also had a Facility Tour and learned more about Gibbs Lean Manufacturing practices.

NOVEMBER **PIA AUTOMATION** shared the **complete process flow** of projects to 15 participants during a **Best Practice Plant Tour**. Everything from sales to delivery of the product was open for discussion to the group as they toured the facility.

2019 YEAR IN REVIEW



TRI-STATE MANUFACTURERS' ALLIANCE

Southwest Indiana Chamber



#tsmaleadership
#tsmaworkforce
#tsmalean



Sharing ideas!
during Peer Group Meetings

PEER GROUPS

- MARCH**
 - **ALCOA - EQUIPMENT MAINTENANCE & RELIABILITY PEER GROUP** Shared information on their **condition monitoring program**.
 - **UNISEAL - LEAN PEER GROUP** Shared information about their **Inventory Management; Plan for Every Part, Cycle Counting and Stock Rotation**.
 - **JASPER ENGINES - CFO PEER GROUP** Discussed **Account Payable Efficiency** and how Jasper Engines avoids duplicate payments, handling prepaid vendors and payments by Pcards.
- MAY**
 - **JASPER ENGINES - EQUIPMENT MAINTENANCE AND RELIABILITY PEER GROUP** Discussed their Maintenance **Requests for Service (RFS)** and how they manage and prioritize maintenance jobs to provide the best customer service.
- JUNE**
 - **ANCHOR INDUSTRIES - LEAN PEER GROUP** Worked together to brainstorm on real time solutions to increase inventory turns after reviewing layout, **5S** and **flow**.
 - **NIX COMPANIES - CFO PEER GROUP** Discussed **budget and forecasting**. Participants were able to learn from each other and earn CPE credits at no cost.
- AUGUST**
 - **ANCHOR INDUSTRIES - LEAN PEER GROUP** hosted an Alcoa subject matter expert on **Observation Training** to help eight organizations learn more about how this practice is saving Alcoa money.
- SEPTEMBER**
 - **KOCH AIR - CFO PEER GROUP** Discussion of how technology helps with **efficiency in financial reporting**. Thirteen members earned CPE credits for attending this meeting.
- OCTOBER**
 - **RB - EQUIPMENT MAINTENANCE & RELIABILITY PEER GROUP** Members of the ERM peer group met at RB to learn how the organization will be implementing PdM in the craft maintenance area PM's, PdM tools, executing the plan, and tracking asset health.
- NOVEMBER**
 - **EVANSVILLE TOOL & DIE - LEAN PEER GROUP** Ten members gathered at Evansville Tool and Die to discuss challenges and successes of implementing lean practices in their organizations
- DECEMBER**
 - **ANCHOR INDUSTRIES - CFO PEER GROUP** Anchor Industries hosted a meeting for 6 participants who discussed their orientation practice for new employees.

“Allowing for this type of collaboration is what makes T SMA so valuable to our community.”
- Mike McKim, Purchasing Manager, Anchor Industries

SHARED LEARNING

Koch Enterprises agreed to join Jasper Engines, Alcoa and Anchor Industries as a host site for the new Shared Learning program launched in 2018. Classes offered by these host sites cover Kaizen, management skills for non HR managers, time management and problem solving to name a classes.

USI, Ivy Tech and Vincennes University have all agreed to offer a discount on selected non credit, class as just one of the ways they are partnering with T SMA through the Shared Learning program to help employers get the classes they need to train their employees.



“The shared learning opportunity within T SMA is one of the best kept secrets in this area. This is a very **cost effective way to train team members** on a wide array of topics. It is especially good for smaller organizations such as ours who would not otherwise have those opportunities.”

**Matthew Nix, President, Nix Companies
T SMA Steering Committee Chair**

For more information about the Tri-State Manufacturers' Alliance, contact Dorothy Pergola by email at dpergola@swinchamber.com or call 812-425-8147.
www.swinchamber.com/tri-state-manufacturers-alliance/

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