



tma news bulletin

THE VOICE OF ILLINOIS MANUFACTURING



**AMERICA'S
FUTURE
IS IN ...
SHOP CLASS**



tma news bulletin

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technology & manufacturing association

Founded in 1925, the Technology & Manufacturing Association (TMA) represents and supports manufacturers in the Chicago metropolitan area and surrounding counties in northern Illinois, northern Indiana, and southern Wisconsin. TMA has almost 1,000 members representing over 32,000 employees and nearly 26 million square feet of manufacturing plant.

TMA is governed by a Board of Directors, composed of executives from member firms. A full-time professional staff works closely with the Board, its committees and trust.

table of contents



**America's Future Is In . . .
Shop Classes**

Page 4



**Profile: Perez Brothers of
Art Technologies, Inc.**

Page 6



**TMA Trains Second Class of
Ridgewood H.S. Students**

Page 8



**U.S. Manufacturing Orders
Up 27% From Last Year**

Page 9



**Affiliate Focus: John Jacoby
Acquisition Asset Mgmt.**

Page 9



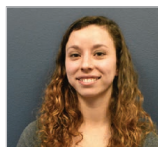
**District 214 Students Earn
TMA Jr. Related Theory Cert.**

Page 10



**Women in TMA at
STEMapalooza 2018**

Page 11



**TMA Staff:
Meet Leigh Coglianesse**

Page 11



**Opinion: Quit Brainwashing
Kids About College**

Page 12



tma | new members

Welcome to the newest members of the Technology & Manufacturing Association

Comfort Indoor Solutions

Bloomington, IL
www.cis-hvac.com

Factory Fix

Chicago, IL
www.factoryfix.com

FPE Automation

Elk Grove Village, IL
www.fpeautomation.com

GG4Energy, LLC

Schaumburg, IL
www.gg4engery.com

Kion North America

Summerville, SC
www.kion-na.com

MXOtech

Chicago, IL
www.mxotech.com

New Revenue Partners

Algonquin, IL
www.newrevenuepartners.com

Tibor Machine Products

Bridgeview, IL
www.tibormachine.com

tma | partners

2018 | gold partners



2018 | silver partner



message from the president



TMA Members & Friends,

Demographics are destiny...or maybe not.

As I talk with TMA members about their businesses and the future, one theme constantly comes to the forefront - workforce.

Nearly every TMA member is facing the reality of demographics. The "baby boom" generation is starting to retire in large numbers, and most manufacturers do not have the skilled workers to replace them. Without skilled and experienced Tool & Die Makers, Mold Builders and CNC Machinists, the future looks pretty bleak.

So...demographics are destiny?

Or maybe not. Today we have a U.S. President and a Congress that actually care about manufacturing. Here in the Midwest, TMA has record numbers of students enrolled in our various training programs. Weekly, TMA is training almost 200 employee/students.

The TMA Foundation is now active in over 25 of our Chicago metro high schools. TMA and TMA member companies participate and actively support almost 20 high school manufacturing advisory councils. Over the last two years alone, the TMA Foundation has invested over \$150,000 in local high school manufacturing equipment grants.

TMA's 2018 Precision Machining Competition is poised to shatter last year's record number of projects, student participants, and participating high schools. Additionally, TMA's Education Department is piloting a program with high schools that don't have a metal-working shop. The schools are busing students to TMA for metal-working training in our hands-on training center under the instruction of TMA teachers.

So, while we can't stop the march of time or ignore demographics, we don't have to accept our destiny. If you're training with TMA, involved with your local high schools, or investing in the TMA Foundation -- thank you. You're part of the solution.

If you're not training, or helping change the school districts understanding of manufacturing careers, or supporting the TMA Education Foundation, why not? In the final analysis, we make our own destiny.

Steve Rauschenberger

AMERICA'S FUTURE IS IN... SHOP CLASS

It's time for marketing geniuses to focus on re-branding high school shop classes in the minds of American students and parents. Why? Because the nation's economic future depends on the next generation of manufacturers.

A recent Chicago Sun-Times opinion editorial expressed concern about students that would clearly be more satisfied and fulfilled in professions that do not require college degrees.

College of DuPage professor David McGrath's powerful comments titled "Let's quit brainwashing kids that it's a college degree or nothing" called for solutions for this substantial number of students, not excuses.

"We need to debunk the inference made by parents that vocational and technical jobs are inferior," McGrath wrote. "Such a notion has led many of them to steer youngsters unwilling or unsuited for academic study into frustration, failure and depression."

A campaign of public relations, parental education and cash is needed to combat the stigma of careers that do not require college education, he said.

McGrath's op-ed was welcomed and cheered on by those linked into the Technology & Manufacturing Association's newly-energized Facebook page. The commentary was shared, liked and viewed by over 14,000 – a new record for TMA's emerging online presence.

The professor is not alone in his worldview. His thoughts are echoed by nationally-prominent spokespersons like Dirty Jobs' TV show host Mike Rowe.

"I think a generation of parents wanted something better for their kids, but we didn't know what 'better' meant," Rowe said in an April 2017 interview with Fox Business News. "We didn't just take shop out of high school, we took arts out of vocational education. And that set the stage for presenting an entire category of viable jobs as some type of consolation prize."

He went on.

"At the same time, college was getting a big PR push at the cost of trade schools, two-year schools and all these alternative forms of education.

"So we freed up a ton of money to lend to 17-year-olds that have no idea what they want to do with the rest of their lives. And we tell them that the best path for most people is the most expensive path," Rowe said, chuckling.

Rowe and McGrath emphasize what members of the Technology & Manufacturing Association have known for years. Good careers – a substantial number that will attain six-figure salaries – are available for those that choose to learn trades, without the college payback burden so many are destined to bear.

That doesn't mean obtaining industry credentials for good manufacturing jobs is easy. One popular way of attaining needed skill standards is through vocational training linked to the National Institute of Manufacturing Skills (NIMS).

NIMS has developed standards for a multitude of industrial skills, including: Computer-aided Manufacturing, CNC/NC Punch Press, Diemaking and Industrial Technology Maintenance.

NIMS Executive Director Montez King was a high school kid in West Baltimore's inner city that had little direction until the day a vocational ed teacher collared him. Pulling him through a dark hall into a classroom filled with machines, King heard "an old, wrinkled white guy" say, "We need guys like you in machining," he said.



King said after the initial shock, he saw exactly what vocational ed instructor Benjamin Webber was saying, and the idea piqued his interest. Instead of pursuing a business administration degree, King chose to enter the school's work-study program that put him on the road to a respectable career and income. He did well.

By age 18, Montez King bought his first house. He became the plant's manager. He stayed with the industry until that same Mr. Webber nudged him once again. This time, Mr. Webber urged him to teach vocational ed.

King accepted that challenge, too, and started teaching at a skills school in his old neighborhood. He stayed there, equipping others with skills and knowledge to obtain good jobs, until he was asked to join NIMS.

"Now I get to visit all these schools that had concerns and issues that I had, and I can share my knowledge and experience with others," King said.

It's for certain when that high school student was pulled into vocational training, he never anticipated he'd ever be doing what he's doing now: serving on a White House advisory board and testifying before Congress.

"In today's economy, jobs are becoming more integrated, cross-disciplined, and technology-driven. We can't just prepare kids for the jobs we have open today—we have to prepare them for the jobs that don't yet exist," King told a subcommittee of the Committee on Science, Space and Technology in February.

"As we build STEM education and training programs, we must focus on three key elements: expanding work-and-learn opportunities across the economy, creating education pathways that support students from middle school through career advancement, and engaging industry in the design and deployment of career-related education and training," he said.

Over the next decade, 3.5 million manufacturing jobs will need to be filled, King told Congress members. The skills gap is expected to result in 2 million of those jobs going unfilled.

"Contrast that economic growth with the fact that our talent pipeline is unsure and 10,000 baby boomers leave the workforce everyday. There are 5.5 million disconnected young people between 16-24 who are currently out of school and not working. That is 1 in 7 young people," he said. "Only 16 percent of American high school seniors are proficient in mathematics and interested in a STEM career."

King encouraged the decision makers to take innovative approaches to the future because it not only impacts student success, but local community prosperity and America's competitiveness – a choice that is sure to be noticed and appreciated by those manufacturers that agreed so strongly with Professor McGrath and Mike Rowe's views on future jobs.

2018

TECHNOLOGY & MANUFACTURING ASSOCIATION

RELATED THEORY GRADUATION

THURSDAY, MAY 24, 2018

THE STONEGATE CONFERENCE & BANQUET CENTRE

2401 W. HIGGINS ROAD, HOFFMAN ESTATES, IL 60169

5:30PM RECEPTION
DINNER & GRADUATION TO FOLLOW

\$80 PER PERSON
\$600 TABLES OF EIGHT
SPONSORSHIPS AVAILABLE

JOIN US AND OUR GUEST SPEAKER
MR. MONTEZ L. KING
EXECUTIVE DIRECTOR
NATIONAL INSTITUTE FOR METALWORKING SKILLS
and
PRESIDENTIAL TASKFORCE ON
APPRENTICESHIP EXPANSION

FOR TICKETS CONTACT:
AMANDA CORTESE
acortese@tmaillinois.org
847.430.4837
RSVP BY FRIDAY, MAY 10



TMA MEMBER PROFILE

PEREZ BROTHERS

MANUFACTURING DREAMS AT ART TECHNOLOGIES, INC.

BY FRAN EATON

It isn't easy to start a new business in Illinois these days, but that foreboding thought didn't faze Felipe Perez. The 30-year-old started a brand new milling, turning and wire EDM business in October 2016.

Before starting Art Technologies, Inc., he worked eight years at one company and almost six years at another. That's when he decided it was time to start his own business.

"I was 15 years old when I came from Mexico," Felipe said. "A neighbor gave me the opportunity to work with him and learn metalworking. With him, I learned programming and how to set up shop."

Felipe took those skills and began working fulltime. He would work all day at his job, then come home to practice on his computer three or more hours every night. He learned at a pace much faster than his mentor expected.

"I was ambitious and wanted to grow as a person, and offer opportunities to others for good careers. That's the real reason I started our business, it really wasn't so much about the money," he said.

Seven months after Perez launched Art Technologies, Inc. in Bensenville, Illinois, his brother Adrian, who had studied electronics, joined him. Since then, two other Perez brothers are now working with them.

Except for two sisters - one completing a law degree and the other studying medicine - the Perez family is helping to build the business.

Felipe points to their mother as the key inspiration for his family's commitment to hard work.

"When we were young, our mother sewed clothes, and many times we learned and helped her by sewing," Felipe said.

Art Technologies Inc. focuses on parts with .0001 precision tolerances - currently on automation parts for machines in the food, aerospace, medical and automotive industries.

They work with plastics, brass, aluminum, stainless steel, titanium and beryllium. They manufacture pre- and post-heat treat components with hardness up to 62 RC.

"Any part that can be done in our machines, we'll take the

work. If it's precision, we'll take it," Felipe said. "We like challenges."

The Perez brothers are currently busy with plenty of work, they said.

During the visit with News Bulletin, two brothers were painting the inside walls in an addition which is expanding their shop floor from 800 square feet to 3000.

Like the vast majority of machine shops that have more work than people to do the work, employees are valued at Art Technologies, Inc.

"It's hard to find good employees," Felipe said. "It's hard to get people that are qualified to do the job. If they want to learn, we can get them started. We can give people opportunities to start a good career and make good money. We're happy to do that."

They're also interested in sending those that want to work and learn to TMA to advance their machining skills, he said.

In the meantime, the brothers say they intend to expand their customer base by meeting customer needs.

"We offer excellent quality, a fair price and on-time delivery," Felipe said. "We will do what we say we will do."

But to do that, the Perez Brothers are at that time in new business development when they must work hard with late hours and weekends, to keep their customers happy. That means missing family gatherings and vacations to work instead.

"That's the worst and the best part of owning your own business," Adrian said. "You have goals that might not be easy goals - and you need to prove yourself despite people telling you you're crazy. You just have to work hard and keep going."

"We like to work hard and pressure ourselves to meet those goals," Felipe agreed.

While producing customers' machine parts, the Perez Brothers say they have been challenged to suggest solutions that make parts work better, be more efficient and durable. Those tasks led the two to begin the process of patenting some of those parts they're improving.

In addition to the work with his brothers at Art Technologies, Adrian, who just got married in February, is set on starting a real estate business by the time he reaches his 30s.

"This is America; a country where dreams come true if you're willing to work hard. I don't know if we could do all this anywhere else," he said.

Art Technologies, Inc. is located at 450 Frontier Way, Suite B in Bensenville, IL. They can be reached at 630.422.7331 or felipe@art-tech.us.



FELIPE PEREZ (L) | ADRIAN PEREZ (R)
Art Technologies, Inc.

TMA TRAINS SECOND GROUP OF RIDGEWOOD HIGH SCHOOL STUDENTS AWARDS NIMS CERTIFICATES

Instead of fretting over analysts' projections of a shrinking candidate pool for American manufacturing, the Schaumburg, IL – based Technology & Manufacturing Association is preparing the next generation for potential great careers.

The second group of Ridgewood High School seniors this school year that chose to take courses at Schaumburg's TMA Training Center two days a week obtained their first NIMS certification for lathe operating in April. They will also soon receive NIMS mill operator certification.

The second class in the 2017-2018 school year consisted of twelve Ridgewood seniors. The first class had eight seniors.

Passing NIMS certification exams assures potential employers of the students' training and knowledge of basic skills that prepares the students to enter lucrative manufacturing careers.

"Having certifications like these often are differing factors when hiring," TMA instructor Jack Krikorian told TMA News Bulletin. "If Joe doesn't have certification and Paul

does, most supervisors would prefer the candidate with certification."

Krikorian is currently serving a two year stint as chairman of NIMS Advisory Council. Krikorian holds the most known NIMS certifications, currently at 25.

Along with Jack Krikorian, TMA instructor Paul Newman teaches the Ridgewood students and was on hand to award the certificates after all the Ridgewood students passed the NIMS exam.



U.S. MANUFACTURING ORDERS UP 27% FROM SAME TIME LAST YEAR

U.S. manufacturing technology orders for the first two months of 2018 climbed 27 percent higher than the same period in 2017, signaling continued strength in the recovery initiated in June 2017, according to the latest U.S. Manufacturing Technology Orders (USMTO) report from the Association For Manufacturing Technology (AMT).

Orders totaled \$354 million in February, down 5 percent from a 22-year high in January.

“Our industry’s market is up 27 percent since 2017 as order growth rates accelerate; customers clamor for greater productivity and more capacity; and our member companies push their limits to keep pace with the market’s expansion,” said Pat McGibbon, AMT’s Vice President of Strategic Analytics.

“AMT supports free and fair trade; but recent trade issues with several of our major trading partners including China, the world’s largest consumer of manufacturing tech, will make harvesting the benefits of this boom market more challenging.”

*Published by
Association for Manufacturing Technology*

TMA AFFILIATE FOCUS



JOHN JACOBY
Executive Director
Acquisition Asset
Management

Meet John Jacoby, Executive Director of Acquisition Asset Management - an Affiliate Member of TMA.

We asked John five “get-acquainted” questions:

Q: What book had the most impact on you?

A: The pocket-sized, orange-colored book of trigonometry tables. Published by Illinois Tool Works. (I have the same copy of this book that I first used in 1965.)

Q: What’s the most interesting place you’ve visited?

A: Of the places I have traveled to and found most interesting, I found Wisconsin’s North Woods to be my favorite. Especially spending time with my good friend Carl Keller at his lake home in Hayward, Wisconsin.

Q: What is your favorite holiday?

A: My favorite holiday has always been Thanksgiving. It has always been a great day to spend with my family and reflect on all the good things we have been blessed with in our lives.

Q: What’s your favorite sports team?

A: I wish all the best for our Chicago White Sox. BUT I must say that the Cubbies are the best.

Q: When people come to you for help, what do they usually want help with?

A: Regarding our company, business owners interested in selling or expanding their business ask for the help of our group to help make it happen.

Contact John at:
jjacoby@acquisitionasset.com

DISTRICT 214 STUDENTS EARN TMA JUNIOR RELATED THEORY CERTIFICATES

In April, students from District 214's Wheeling, Elk Grove, Buffalo Grove and Rolling Meadows High Schools were awarded Junior Related Theory Certificates at the Technology & Manufacturing Association headquarters in Schaumburg.

"We're proud to work with these high schools to interest the next generation in manufacturing careers," Patrick Osborne, TMA Vice President of Education & Training, told TMA News. "Each one of the students that received a certificate today completed high school level work, recognized by TMA. Each one of them is ready for an 'entry level plus' position at a manufacturing company."

Before receiving their certificates, the students learned about potential career opportunities at a career fair represented by nearby manufacturing companies, including X-L Engineering and BillCo Corporation.

TMA Instructor Jack Krikorian and Program Manager Leigh Coglianese were on hand as the students were recognized individually – nine from Wheeling High, three from Elk Grove High, one from Buffalo Grove High and one from Rolling Meadows High.



WOMEN IN TMA ENCOURAGE STEM CAREERS AT STEMAPALOOZA 2018

The Women in TMA introduced a whole new generation of Girl Scouts to the idea of STEM careers March 24, 2018 in Country Club Hills.

Several hundred girls heard about careers in science, technology, engineering and mathematics during the annual event. Women in TMA's booth providing tools and parts to manufacture jewelry was one of STEMaPalooza 2018's most popular sites.

The new Women in TMA Committee chairman Deb Summers and others helped at the booth, which also featured a photo opportunity for the girls.



MEET THE TMA STAFF



**LEIGH
COGLIANESE**
Manager of Training
& Education

Leigh Coglianese communicates information and replies to general inquiries about TMA training. In addition to keeping TMA training running smoothly, she's also involved with TMA's Education Foundation. In that capacity, Leigh participates in high school advisory committee meetings and distributes information about career fairs to nearby TMA members.

We asked Leigh a few get-to-know you questions:

Q: If you could have only one superpower, what would it be?

A: Good question, I don't know. Probably being able to fly! I think it would be so freeing plus it would be good for the environment compared to driving.

Q: What was your favorite TV show when growing up?

A: An all-time favorite I would have to claim is "Charmed." I loved "Scooby-Doo," though, and "CSI."

Q: What hidden talent do you have that most people at TMA don't know you have?

A: I can juggle! Three at a time. I am still trying to master four.

Q: When did you accept a dare that you later regretted?

A: Once I was dared to eat a cicada for \$75. I don't regret it though. \$75 bucks is a lot when you're 14.

Q: What's your favorite task at TMA?

A: Helping people/members and solving problems. The more difficult the problem, the more I enjoy it. I come up with solutions even if they are out of my job description.

Contact Leigh at lcoglianese@tmailinois.org or 847-430-4837.

LET'S QUIT BRAINWASHING KIDS THAT IT'S A COLLEGE DEGREE OR NOTHING

BY DAVID McGRATH

I had no inkling there was a problem.

The students in my college English class were working in the computer lab, where each station has a wraparound console which affords pupils the privacy they need to concentrate on their writing. But this also means I can't see everyone at a glance, the way I do in a regular classroom.

So not till I walked to the middle of the room, and then to the very end of a row of stations, did I see the student I'll call William with his head buried in his hands.

"Are you feeling okay?" I whispered.

No answer. He was shaking.

Having been a teacher for over three decades, I've encountered students in distress. Once I had to make a referral for domestic abuse. Another time, I had to drop a student after he kept arriving inebriated.

William, it appeared, was in some kind of pain.

"Would you like me to call the school nurse?" I asked.

In the past decade, I've dealt with immaturity issues with students as young as 16 because of dual enrollment, a program which allows high schoolers to sign up for college classes to get a head start and save on tuition. But William looked to be about 19, average for a college freshman.

Finally, when I insisted he speak to me so that I would know how to help him, he reluctantly lifted his head.



"I can't do this," he said. No tears, but his eyes were red, his face a coil of hurt. "Too much pressure."

Further questioning, and I learned that his anxiety made today's lab assignment impossible. Nor had he been able to complete last week's homework.

Exacerbating everything else was the D he received on a paper I had given him back at the start of class, leading him to fear that he was going to fail and become a "huge disappointment" to his family.

I tried cheering him up by explaining that it was early in the term when many of his classmates also get low grades, which was why the class was required in the first place: to learn and improve. It was feasible, I assured him, that he could still end up with a good grade by semester's end.

It's a speech I'd given before. But William would have none of it. He was feeling too terrible in the here and now, he said. Not only that, he never even wanted to go to college. There had been all these expectations: it was either college or nothing.

Back when I began teaching, I seldom saw the students who were uninterested in the academic journey for a four-year degree. For they were the ones who had acquired internships, started apprenticeships, or took jobs in industry and manufacturing, as the culmination of vocational education programs in high school.

But these days I'm seeing more students with William's dilemma, who are funneled to my classroom for lack of better options.

They are told by their high school counselors that they will not get a decent job without a college degree. And that high school qualifies them only for a low-wage job in the fast food industry.

Parents have been even more sensitive to the counselors'

warnings. So even when students found they enjoyed working in the building trades, or had a knack, say, for auto repair, their parents saw vocational education as a dumping ground for below average children: Not my child!

Consequently, a report by National Assessment of Vocational Education has shown a steady decline of enrollment in vocational education with corresponding cuts in federal funding in the last 11 years.

In Chicago schools, vocational classes have been severely reduced, and schools and programs entirely dismantled over the past two decades. This is bad news for students like William, and bad news for the city as it competes for Amazon's new headquarters, which comes with 50,000 jobs, many requiring not college degrees, but vocational education.

According to the U.S. Bureau of Labor Statistics, 68 percent of high school graduates go to college. This means that absent vocational training, 32 percent of our young people are unqualified for a job with which they can lift themselves out of poverty.

Of those who do go to college, 40 percent never finish, including William, who dropped before the end of the semester.

How to solve this problem?

We need to debunk the inference made by parents that vocational and technical jobs are inferior. Such a notion has led many of them to steer youngsters unwilling or unsuited for academic study into frustration, failure and depression.

A campaign of public relations, parental education and cash is needed to combat the stigma.

Yes, cash incentives in the form of higher salaries for auto mechanics, veterinary technicians, medical assistants, insurance agents, MRI technologists, physical therapist aides, railroad equipment operators, choreographers and the multitude of other occupations that do not require college, but that need to be filled in this country.

Cash such as the \$44,000 starting salary for thousands of construction workers that will be hired to build Amazon's new headquarters, who will require training either on the job, or in the kinds of vocational education programs we need to resurrect.

David McGrath is emeritus English professor at the College of DuPage and author of THE TERRITORY. Opinion piece first published in the Chicago Sun-Times, March 24, 2018.



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ryan.stamp@simsmm.com





APRIL 26

2018 Economic Breakfast

The TMA Supplier Network Committee invites you to attend this year's Economic Breakfast. Join us as we welcome back John Augustine, CFA, CIO, Huntington Wealth & Investment for an Economic and Market update. Sponsored by: Huntington Bank
 TIME: 7:30am - 9:30am
 COST: \$25
 LOCATION: TMA Schaumburg

APRIL 30

NTMA Emerging Leaders Conference

In partnership with TMA, the National Tooling and Machining Association (NTMA) is hosting its annual Emerging Leaders Conference. Consider joining to share best practices with peers and network with other emerging leaders. Engage with industry experts, learn new ideas tips and tricks, and invest in yourself and your company.
 DATES: 4/30/18 - 5/2/18
 LOCATION: Pittsburg, PA

May 8

Finance Peer Group

Join your peers to discuss challenges, strategies and solutions in the area of finance. ENGS Commercial Finance and CliftonLarsonAllen LLP will show you how to simplify your future buying.
 TIME: 11:30am - 1:30pm
 COST: Free
 LOCATION: Itasca, IL

May 10

Lunch & Tour: Continental Electric Construction Company

Come see what Continental Electrical Construction Company can do for you. We will showcase our dedicated Industrial and Energy teams. See a working solar installation, and get a behind the scenes look at a full-service electrical contractor.
 TIME: 11:30am - 1:30pm
 COST: \$35
 LOCATION: Oak Brook, IL

May 10

Precision Machining Competition

This Precision Machining Competition is one of TMA's most effective events for career recruitment into precision metalworking. Now in its 27th year, this event honors excellence in precision machining skills among Illinois high school students. We look forward to over 300 entries in this year's contest.
 TIME: 5:00pm - 7:00pm
 LOCATION: Schaumburg, IL

May 15

Operations & Plant Mgrs. Peer Group

Join the Operations Peer Group to discuss ERP software and best practices for tracking job performance and implementing process improvement. Sponsored by ProShop.
 TIME: 11:30am - 1:30pm
 COST: Free
 LOCATION: Elgin, IL

May 17

Find Your Path to Success

The TMA Young Leaders invite you to find your path to success and learn how to become a leader in your company. A panel of influential manufacturing leaders share their stories and discuss how they have excelled in the manufacturing industry. Take advantage of the opportunity to participate in break-out sessions with mentors. Sponsored by ARO Metal Stamping and BL Duke.
 TIME: 5:30pm - 7:30pm
 COST: \$25
 LOCATION: Hoffman Estates, IL

May 22

Sales & Marketing Peer Group

Join your peers to discuss challenges and strategies of sales and marketing in the manufacturing environment - Superior Joining Technologies, Inc. SJTI is one of 9 Nadcap Accredited, Laser Welding Facilities in the U.S. Following the meeting, SJTI will give tours of their facility and provide a \$50 gas card to 1 lucky winner.
 TIME: 11:30am - 1:30pm
 COST: Free
 LOCATION: Machesney Park, IL

May 24

Related Theory Graduation

The convocation for the TMA Related Theory Class of 2018 will be held at the Stonegate Conference Centre. Join the graduates, their families and employers to celebrate. Reception to begin at 5:30pm, dinner and graduation to follow. This year's commencement will be given by Montez King, Executive Director, NIMS.
 TIME: 5:30pm - 8:00pm
 COST: \$80
 LOCATION: Hoffman Estates, IL

June 14

Lunch & Tour: Haumiller Engineering

Contract manufacturers and OEMs trust Haumiller to deliver high-speed automated assembly machines for high-volume disposable products. We provide custom machinery for a range of industries, including manufacturers of medical devices, consumer products, food/beverage, electrical connectors and specialized aerosol equipment.
 TIME: 11:30am - 1:30pm
 COST: \$35
 LOCATION: South Elgin, IL

July 12

Lunch & Tour: Alliance Laser Sales

Alliance Specialties & Laser Sales have united efforts in order to bring their customers the best when it comes to laser technology, mold finishing, and complete in-house service. They want to work to ensure that your jobs are done right, the first time, on budget and on schedule.
 TIME: 11:30am - 1:30pm
 COST: \$35
 LOCATION: Wauconda, IL

July 17

WTMA Lunch & Tour: Ex-Cell Kaiser

Join us as the Women in TMA Committee hosts their yearly tour focused on women owned operations. Ex-Cell Kaiser is a Certified Women's Business Enterprise, operated by Janet Kaiser. Ex-Cell manufactures high quality waste and recycling receptacles for indoor and outdoor public spaces. Along with their standard products they offer customization and private label branding options. They are a 3rd generation family-owned business, around for 85 years.
 TIME: 11:30am - 1:30pm
 COST: \$35
 LOCATION: Franklin Park, IL

August 2

Lunch & Tour: R.R. Floody Co.

R.R. Floody Company, Inc. specializes in Factory Automation and Machine Vision and has served Industrial OEM's and End Users in Northern Illinois, Iowa and Southern Wisconsin since 1956. They are applying technology to provide their customer's a level of integration for unsurpassed efficiency and productivity.
 TIME: 11:30am - 1:30pm
 COST: \$35
 LOCATION: Rockford, IL

October 11

Lunch & Tour: S&C Electric Company

S&C Electric Company was founded in 1911, and is a global provider of equipment and services for electric power systems. Their mission is to be the leading specialist in electric power switching, protection, and control by creating innovative solutions that are easily applied and provide the best long-term value.
 TIME: 11:30am - 1:30pm
 COST: \$35
 LOCATION: Chicago, IL

april calendar sponsor



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