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## DMG / MORI SEIKI USA INNOVATION DAYS 2012 SUCCESS

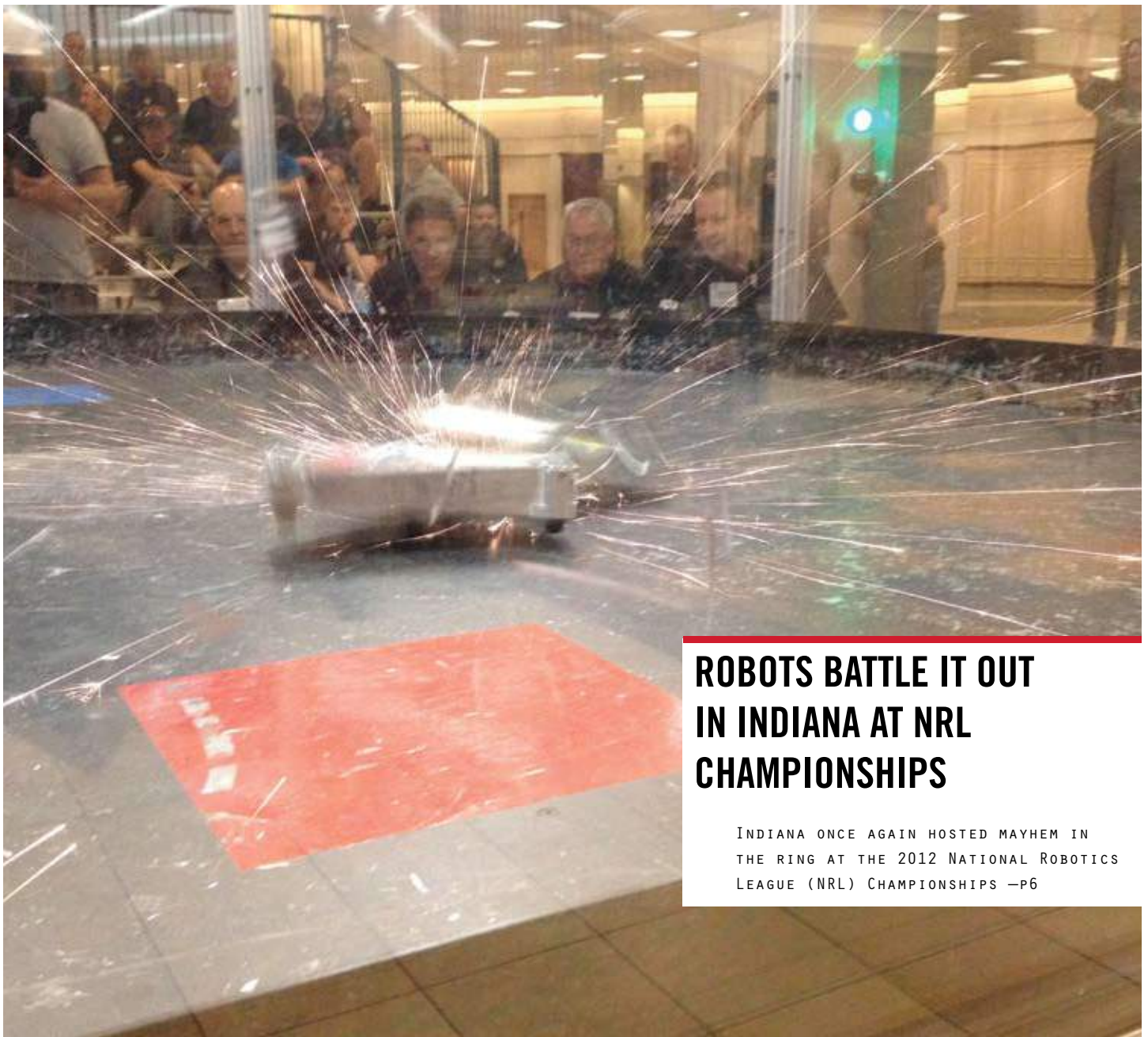
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## 100 MANUFACTURERS + 175 CONGRESSIONAL MEETINGS = SUCCESS

The One Voice team hosted the annual Legislative Conference in Washington, DC on May 8-9. Approximately 100 NTMA members, as well as members of the Precision Metalforming Association, spent two days meeting face-to-face with Members of Congress and their staff. The conference was a great success with manufacturers meeting with an unprecedented number of elected Representatives and Senators. More than 175 meetings were held over the two day period. In addition, meetings were organized for NTMA members with U.S. Department of Labor officials and Congressional Committees to discuss workforce development issues.

The One Voice team altered the structure of this year's Conference to provide more time for meetings on Capitol Hill. On May 8, the manufacturers received a briefing and issues overview by the One Voice Team. The manufacturers, divided into groups by state/region, then travelled to Capitol Hill for meetings with Senators and staff. The following day, the manufacturers met in the U.S. Capitol for briefings by Senator Ron Johnson (R-WI) and Debbie Stabenow (D-MI) and then visited dozens of Representatives' offices. A highlight was a luncheon event at the Capitol Hill Club, where NTMA and PMA members, divided by state/region, dined with 14 Members of Congress and discussed manufacturing issues.

The Legislative Conference also featured a media training seminar by the Policy Resolution Group at Bracewell & Giuliani, the One Voice PR firm. Immediately after-



Ohio Congressman Jim Renacci (left) enjoys lunch with Dave Sattler, Sattler Companies, and Bill Sopko, William Sopko & Sons, at the Legislative Conference.

ward, NTMA members were able to put what they learned in the training into practice with interviews with Bloomberg and the Associated Press. One result: Bloomberg published a national story "Workers Lacking Skills Hinder More Factory Gains," featuring NTMA and PMA members.

On the National Labor Relations Board front, a US District Court overturned the NLRB's "ambush" elections rule in May. The court ruled that the five person NLRB board must have at least three members voting to constitute a quorum, however only two members (both Democrats) participated in approving the "ambush" rule. Without a quorum the Board lacked the authority to issue the rule and it is therefore invalid. The NLRB needs to hold another vote at a meeting with at least three Board members to reinstate the rule. The One Voice team will keep fighting NLRB rulings in coordination with its coalition partners and will keep the membership updated.

Manufacturers can make a difference in Washington, but only if they participate in the process. NTMA members can give unlimited corporate or individual contributions to the NTMA Government Affairs Administrative Fund which supports the work done by The Franklin Partnership and Bracewell & Giuliani LLP. Additionally, NTMA members can make limited personal donations to the Committee for a Strong Economy (CFASE) PAC which supports pro-manufacturing Congressional candidates.



Indiana Congressman Marlin Stutzman (left) meets with Terry Babb, Apex Tool & Manufacturing, and BJ Bonin, Bertrand Products, during the 2012 One Voice Legislative Conference in Washington, DC.





## CHAIRMAN'S CORNER

ROGER ATKINS / NTMA CHAIRMAN OF THE BOARD

It is amazing how fast a month goes by when running a business and being the NTMA Chairman. It is a wonderful opportunity and privilege to lead our organization in such exciting times for our industry and our association. As many of you have heard and will hear, I believe we are the metal working industry of tomorrow and have the leadership in place to make it happen.

Since my last article I have traveled to NW Pennsylvania, Indianapolis, Washington DC, Minnesota, and two visits in my own State of Texas. The results of these visits remain positive, as to the pulse of our industry. Our members are primarily busy! They are seeing a growing backlog but still challenged by the need for skilled personnel, while struggling to do more with less. These are the places where the rubber hits the road for being an NTMA member. My trips to Indianapolis, DC, and my two stops in Texas were not visiting our member companies, but rather representing and promoting our member company's needs, capabilities, and career opportunities.

While there have been news articles and reports about the NTMA National Robotics League (NRL) National Competition in Indianapolis, if you weren't there it's hard to explain. As an avid Indy Car fan, you can talk about the Indy 500 but words cannot compare with the experience of attending the 500. Well I can say that our NRL Competition was no different. Watching these young people

working together to assure their robots met the rules requirements, weight, and were operational was nothing short of amazing! The individual students making-up their school's team transcended gender, race, and class rank yet the teamwork and passion among them was fantastic. For those who attended it was truly a great weekend. I encourage each of you across the country to consider the NRL as a way of promoting your company, our industry, and career opportunities for young people in your region of the country. You can contact NTMA for further information.

During my time in Indy, we also met with our Insurance partners from Wells Fargo as they desire to learn and understand our industry more intimately so they can best serve our members. It was a great meeting and I can assure you that they are committed to NTMA Member's success both in their insurance services as well as their commercial banking lines. As some people say, "they get it"; they see the value of partnering with an organization like NTMA whose members are one of the stable forces of the nation's economy. They understand that our growth and success an association and as member companies, is also their success thus they are equally committed to helping Chapter's grow their membership.

From Indy it was on to the nation's capital of Washington DC for the 2012 Legislative Conference. Another NTMA sponsored event where our member's needs are

presented to our nation's leader in the US House and Senate. This annual event is one that you must attend to understand the importance of your involvement on behalf of entrepreneurial based companies like each of ours.

Like it or not, these are the persons enacting the rules, regulations, and laws that challenge our mere existence as business owners. It has taken years of our persistence of traveling to Washington; however, we are beginning to have an impact in the process. From a little known Manufacturing Trade Association, NTMA is now positioned as a go to organization for input on critical pieces of legislation that can and/or will affect our businesses.

With our partnership with Franklin Partners and Bracewell and Giuliani, they have positioned us a fact based resource for potential cause and effect of possible legislation. Not only is your attendance critical for this continued effort, but also your financial contributions to our NTMA - GAT and GAAF political fund raising efforts. There is not a more critical time in our nation's future or your company's future for your involvement in the political process.

As to my visits in my home State of Texas, they too were focused on promoting you our NTMA Member companies. First, I was asked to speak at Kennametal's Distributor's Conference held in San Antonio, Texas where they brought all their distributors across the US and Canada for a meeting. My involvement was a part of an hour long session en-

titled "Why NTMA?". I and two key Kennametal Executives spoke to the group on the opportunities afforded both the supplier and customer if we work together to maximize our relationship for the success of both our organizations. It was stated that for NTMA companies to be more competitive in the market place it is incumbent that we are made aware, supported, and offered the most current and effect technology in cutting tools. On the other hand, we/NTMA companies must be willing to ask for help and embrace our partners like Kennametal in a collaborative effort to that end. I stressed the importance of confidentiality when we allow our industry partners into our companies and openly discuss our needs and challenges being assured that our honesty and openness is protected. In closing I told them that it was no longer who could buy us the biggest steak but rather who could help us be most competitive. As I said earlier... Kennametal is getting it and realizes we are a tremendous market of loyal customers to them. I encourage you to reach out to them and other industry partners to help find your competitive edge.

My other Texas stop was at the Offshore Technology Show held in Houston where several NTMA members visited the show representing not only our individual companies, but also our NTMA involvement and our access to a critical and proven supply base of member companies.

Last but not least I had the  
CONTINUED ON - P5

# THE RECORD

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pleasure of hosting a visit to our company from a fellow NTMA member. Not only did we discuss possible opportunities between our two companies, but we also discussed opportunities outside our companies. This member showed me a product they make and it happened to be something that could be very beneficial to one of our customers. Believe it or not, I showed this product to one of our managers and he then informed me that our customer was at our plant and did I want to meet with him. Long story short, we met with our customer and my NTMA colleague introduced their product. It was of great interest to him and I look forward to the end of this story. Bottom-line, networking with fellow members is the “icing on the cake” of being an NTMA member.

In closing, let me say now is the time. NTMA

is the future for the metal working industry and your involvement of time, talent, resources, finances, and support is needed like never before to help capitalize on the window of opportunity afforded our industry at such a critical crossroad of our nation's future. I ask you to help carry the load so that together we can assure that we all prosper. My commitment to you remains “Transforming for Competitiveness”.



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# ROBOTS BATTLE IT OUT IN INDIANA AT NRL CHAMPIONSHIPS

Indiana once again hosted mayhem in the ring at the 2012 National Robotics League (NRL) Championships at the Circle Centre Mall in Indianapolis on May 5-6, 2012. The competition was fierce among the 37 combat robots. After a day-and-a-half of elimination bouts, NTMA Chairman Roger Atkins announced the winners:

**GRAND CHAMPION:** Plum Senior High School, Plum, PA  
Robot "Still n' Shock 2"

**1st PLACE:** North St. Paul High School, Maplewood, MN  
Robot "UC3"

**2nd PLACE:** Plum Senior High School, Plum, PA  
Robot "Still n' Shock 2"

**3rd PLACE:** Cambridge Springs High School, Cambridge Springs, PA

Robot "Fabius"

**Best Documentation:** Plum Senior High School, Plum, PA  
Robot "Still n' Shock 2"

MSNBC.com provided great coverage of the event, including video, photos and a link to the NRL website. View the video.

NTMA thanks the many supporters and volunteers who made this year's event a tremendous success!



Julie & Mark Fairlamb, Meadville, PA  
Greg Ferree, Starboard Industrial Electronics  
Steve Gillig, Lincoln Electric  
Jeff Haggard, Haggard & Stocking  
Ryan Hatch, Ahaus Tool & Engineering  
John Hosier, Major Tool & Machine  
Steve & Janis Macey, Major Tool & Machine  
Jon O'Donnell, Meadville, PA  
Zac O'Donnell, Meadville, PA  
Alice Overton, IVY Tech  
Ron Overton, Overton Industries  
Steve Overton, Overton Industries  
Zak Overton, Overton Industries  
Jason Pardieke, Major Tool & Machine  
Shannon Sweatman, Southern Mfg. Technologies  
Steve Tamasi, Boston Centerless, Inc.  
Steve Weyreter, Major Tool & Machine, Inc.  
Rick Wiegand, Major Tool & Machine, Inc.  
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## VOLUNTEERS:

John Allard, Assabet Valley Regional Technical High School  
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Dianne Beatty, Starboard Industrial Electronics  
John Bonacorsi, Haggard & Stocking  
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# NTMA'S ANNUAL SAFETY AWARDS

NTMA's Annual Safety Award Survey is a facsimile of the OSHA Form 300A, which is a Federal law that requires companies with more than 10 employees to complete and post in their plants Feb. 1-April 30 of the year following the year covered on the form. Eligibility to receive a NTMA Safety Award Certificate is determined by calculating the number of injuries versus the total number of man-hours working in that calendar year.

## TOP PERFORMING COMPANIES THAT RECEIVED THE AWARD FOR 2011 ARE:

3D Machine Company, Inc., Anaheim, CA

Advanced Machine Inc., Rochester, NY

A-G Tool & Die Co., Miamitown, OH

Allied Specialty Precision, Inc., Mishawaka, IN

American EDM & Tool, Inc., Harrisburg, NC

American Precision Technologies, Inc., San Fernando, CA

Apex Tool & Manufacturing, Inc., Evansville, IN

Applegate EDM, Inc., Farmers Branch, TX

Arrow Sheet Metal Products Co., Denver, CO

Arvite Technologies, Inc., Erie, PA

Bachman Machine Company, Inc., St. Louis, MO

Benda Tool & Model Works, Hercules, CA

Bent River Machine Inc., Clarkdale, AZ

BETAR, Inc., Hillsborough, NJ

Bowden Manufacturing Corp., Willoughby, OH

Bremen Castings, Inc., Bremen, IN

C & R Manufacturing, Inc., Shawnee, KS

C&J Industries, Inc., Meadville, PA

Canto Tool Corp., Meadville, PA

Chelar Tool & Die, Inc., Belleville, IL

Colonial Machine Co., Kent, OH

Computed Tool & Engineering, Inc., Anaheim, CA

Criterion Tool & Die, Inc., Brookpark, OH

Cylicron Engineered Cylinders, LLC, Jeffersonville, IN

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 MarLee Manufacturing, Inc., Ontario, CA  
 Master Machine Inc., Chattanooga, TN  
 Meadville Tool Grinding, Inc., Conneaut Lake, PA  
 Merit Tool Company, Inc., Erie, PA  
 Metalcraft Industries, Inc., Westminster, CO  
 Milco Wire EDM, Inc. & Milco Waterjet, Huntington Beach, CA  
 Mitchell Machine, Inc., Springfield, MA  
 Mittler Brothers Machine & Tool, Div Mittler Corp., Wright City, MO  
 Moseys' Production Machinists, Anaheim, CA  
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 MP Technologies Inc., Brecksville, OH  
 MPC Industries, LLC, Lancaster, PA  
 National Jet Company, Inc., LaVale, MD  
 Numerical Precision, Inc., Wheeling, IL  
 O-D Tool & Cutter Inc., Mansfield, MA  
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# DMG / MORI SEIKI USA INNOVATION DAYS 2012 SUCCESS

DMG / Mori Seiki USA's annual Innovation Days at the company's American headquarters concluded on May 10 with exceptional results. During the three days of the event, thirty six machines were demonstrated and over a dozen US premieres were highlighted, including the MILLTAP 700, DMU 65 monoBLOCK® and DMF 260/11.

The Milltap 700 represents Mori Seiki's first corporate development with DMG. This vertical milling and boring center achieves productivity and efficiency that is supported by a Siemens 840D solutionline control, high speed machining and high speed tool changing, all with a compact footprint. Highly rigid construction further contributes to machining exact and complex geometries with optimal surface finishes.

The DMU 65 monoBLOCK® 5 axis universal milling machine was spotlighted as a US premiere machine with a wide working range for a variety of workpieces. The dramatic range

of applications for the machine was highlighted with five separate cutting demonstrations in materials ranging from aluminum to carbon steel.

The DMF 260/11 travelling column machine has a unique configuration with an extended X axis of 43.3 in. This machine's unique configuration was well received; cutting demonstrations evidenced the machine's heavy roughing abilities and finesse in five axis simultaneous milling.

This once yearly event gave machine tool users access to a myriad of live milling, turning and multi axis cutting demonstrations and dozens of engineers specializing in advanced machining solutions. Technical seminars were presented by industry experts and spanned several productivity boosting topics including: Expanding Production, Shop Floor Networking & Communication, Manufacturing in America, New Solutions for Gear Milling, and Online Learning.

Other presentations encompassed a variety of topics, including technical and new product seminars. Cutting demonstrations concentrated on the newest DMG and Mori Seiki equipment with process integration, automation and complex machining, as well as partner companies exhibiting tooling, software and accessories.

Innovation Days 2012 also coincided with

the launch of the DMU 50 Series Education On Demand (EOD) training class. The DMU 50 Series EOD course is a third generation EOD training product, part of DMSU's portfolio of development tools that create an exceptional student learning experience. The EOD platform features a fresh, new interface and simplified course navigation. Visitors to Innovation Days were able to experience this new addition to the DMSU training lineup firsthand and were encouraged to explore the breadth and depth of training options offered through DMG / Mori Seiki USA at [www.dmgmsuondemand.com](http://www.dmgmsuondemand.com).

Another DMSU initiative that was a high point of the show included a student visit day to promote bolstering the manufacturing workforce. DMG / Mori Seiki hosted more than 100 young students on a tour of the facility and exhibition.

DMG / Mori Seiki offers extremely reliable machine tools that are distributed worldwide. DMG / Mori Seiki's American headquarters is in Chicago with offices in Boston, Charlotte, Cincinnati, Curitiba, Dallas, Detroit, Los Angeles, Mexico City, San Francisco, Sao Paulo and Seattle. For more about DMG / Mori Seiki USA and the products in the DMG / Mori Seiki line, visit [www.dmgmori-seikiusa.com](http://www.dmgmori-seikiusa.com) or call (847) 593 5400.





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# NTMA'S "NTMA-U" GRADUATES TO RECEIVE COLLEGE CREDITS AT UNIVERSITY OF AKRON

TWENTY-ONE CREDITS TO BE AWARDED TO NTMA-U GRADUATES IN UNIVERSITY'S PRESTIGIOUS MANUFACTURING AND AUTOMATED MANUFACTURING ENGINEERING TECHNOLOGY DEGREE PROGRAM

The National Tooling and Machining Association (NTMA) announced that it has finalized an agreement with the University of Akron to grant up to 21 college credits to graduates of NTMA-U, the association's innovative advanced manufacturing skills training program. The new apprenticeship program, developed with a focus on key industry standards and National Institute for Metalworking Skills (NIMS) guidelines, allows NTMA-U graduates to earn college credits through the university's Manufacturing and Automated

Manufacturing Engineering Technology Degree program starting in August 2012.

The University of Akron is considered one of the foremost engineering schools in the United States. NTMA-U is a new program that provides an online curriculum through participating institutions of higher education, and is designed to be completed over a three-year period to allow participants to continue working full time. The program offers a number of easily accessible, lecture-style YouTube videos on topics such as Shop Theory, Practical Math and Blueprint Reading, Computer Numerical Controlled manufacturing, Statistical Processes and Controls, Geometric Tolerancing and Dimensioning, and Manufacturing Processes.

"We are very excited about the launch of this initiative, which will bring tremendous benefits both to NTMA member companies and the apprentices," said NTMA Vice President Ken McCreight. "Through NTMA-U, students will gain firsthand knowledge of the many new technologies in manufacturing, including - Interactive CNC Emulators, almost all of ToolingU modules, well over 200 NTMA custom developed You-Tube videos, that will assist the successful apprentice in an understand-

ing of how to apply the learned course outcomes in the highly skilled segments of our industry. This is a great opportunity for new employees, as well as current employees at NTMA member companies who wish to enhance their skills and prepare themselves to take on future roles."



## NCDMM HONORS JOHN VANKIRK WITH THE LAWRENCE J. RHOADES AWARD

The National Center for Defense Manufacturing and Machining (NCDMM) announced today that it has awarded their highest honor, the Lawrence J. Rhoades Award, to John S. VanKirk.

John has been an integral part of the NCDMM since its inception and it is for this reason we honor him today. Not only was he

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part of the original team tasked to stand up the Center back in 2003, but he served as Chairman of the Board of Directors from 2003-2006, and ultimately assumed the position of President and Executive Director in August 2006. John remained in that position until May 2011 when he was called back to Kennametal Inc. to lead its Aerospace and Defense division.

“John’s leadership, collaboration abilities, and devotion to the advancement of innovative manufacturing technologies have been evident in the more than nine years he has been associated with the Center. His vision has continued to drive the Center to provide the technology that keeps our warfighters safe,” stated Ralph Resnick. “We are especially proud of John and know that Larry Rhoades would have more than approved of our choice.”

John has over 25 years of experience in product and process development and ten years in various organic and inorganic business development roles. Mr. VanKirk holds numerous patents for various material compositions, as well as tool holder designs. He has served as the Vice Chair and Secretary for the NDIA Manufacturing Division, and as Director for DSN Innovations, the Economic Growth Connection in Greensburg, PA, the Westmoreland/Fayette Workforce Investment Board, the National Center for Defense Manufacturing and Machining, the Manufacturing Engineering Advisory Board of Worcester Polytechnic Institute, the Board of the Refractory Metals Association, and the Technology Issues Committee of the Association for Manufacturing Technology.

The Lawrence J. Rhoades Award was established to honor the memory of Mr. Rhoades whose entrepreneurial spirit and dedication to the advancement of manufacturing processes was known industry-wide. Mr. Rhoades was one of the founding fathers of the NCDMM, and an inaugural member of the Board of Directors where he served until his untimely death in 2007.

The NCDMM delivers optimized manufacturing solutions that enhance the quality, affordability, maintainability, and rapid deployment of existing and yet-to-be developed defense systems. This is accomplished through collaboration with government, industrial, and academic organizations to promote the implementation of best practices to key stakeholders through the development and delivery of disciplined training, advanced technologies, and methodologies. For additional information, visit the NCDMM at <http://www.ncdmm.org>.



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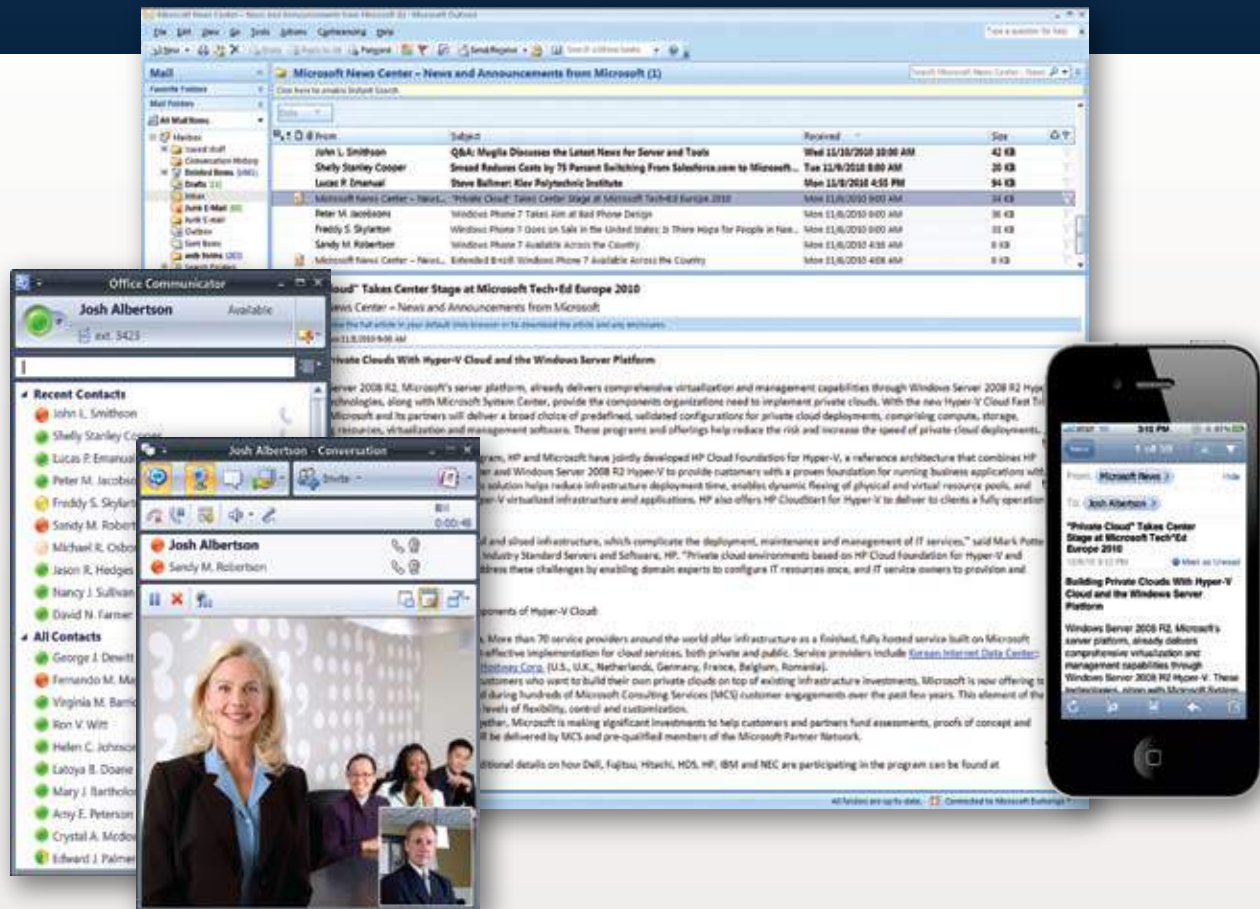
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# BREMEN CASTINGS - AWARD WINNING CLEAN!

BREMEN CASTINGS RECEIVES MACOG 2011 PARTNERS FOR CLEAN AIR AWARD

Each year, MACOG partners with NIPSCO to host the Partners for Clean Air Award Luncheon to award local organizations, public or private, that promote clean air practices. On May 1st, 2012; Bremen Castings Inc. was one of the three recipients for the "2011 Partners for Clean Air Award." Bremen castings received this award based on energy savings reported in their Recycling Promotion and Assistance Fund Recycling Market Development Grant. The grant that Bremen Castings Inc. received will help install additional melting furnaces which will end up creating 36 new jobs. This project will increase the amount of recycling to an additional 12,000 tons of steel each year.

During the summer, specifically April 1 through September 30, Ozone Action Days and Health Alerts can be declared. Weather conditions can combine with emissions to reach unhealthy levels. When an Ozone Action Day is declared, businesses are required to take actions to reduce ozone and ozone precursor emissions. MACOG provides information and suggestions on how to do your part on the Ozone Action Days. Some suggested activities are to ride your bike or walk to work, and encouraging employees to bring their lunches that day.

The Partners for Clean Air Program began as a way to educate the community about the environment and how to keep the air clean. Bremen Castings Inc. for years has done everything they can for their community and environment.

For more information or to schedule an interview with Bremen Casting Inc. President James (JB) Brown about this award, please contact Ashley Gonias, agonias@empowerpr.com. For more information about Bremen Castings Inc. please visit their website at [www.bremencastings.com](http://www.bremencastings.com)



James "JT" Thomas Stewart 74, passed away May 9, 2012. Born December 23, 1937, in Phoenix, Arizona, firstborn son of "LB" and Ellen Stewart. JT is survived by his loving wife, Susan "Becky" Stewart, and brother, Bruce Stewart. He was preceded in death by his brother, Bill and sister, Beverly. He will be greatly missed by his sons Thomas R. Stewart, Michael J. and wife, Tracey Stewart, Mark T. and wife, Shivon Stewart; his stepson, Charles M. and wife, Kristin Sowers; his grandchildren, Harley Cantrell, Nicole Whitney, Matthew Stewart, Curtis Sowers, Kaila Shaw, Tiffany Eurich, Ryan McGill, 2 great-grandchildren, Krista and Vivienne.

A graduate of Phoenix Union High School in 1955, JT was a successful businessman, owner of Dynamic Machine & Fabrication in Phoenix, Arizona, since 1967.

JT will be remembered for his consistent and generous contributions to organizations including Racers for Christ, Paralyzed Veterans of America, National Rifle Association, Special Olympics of Arizona, the American Cancer Society, the National Wild Turkey Federation, the Darrell Gwynn Foundation and the American Diabetes Foundation.



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# “BOTS” BATTLES TURN KIDS ON TO THE FUN OF ENGINEERING, MANUFACTURING

BY BILL FLANAGAN

Congrats to Highlands High School and their robot, Honey-badger, the Grand Champion of the 2012 Southwestern Pennsylvania BotsIQ competition April 14 at Westmoreland County Community College. I've emceed the finals of the event since its inception seven years ago. Back then just six schools battled. This year hundreds of students from more than 40 schools competed from all over the Pittsburgh region.

The idea is to get young people interested in science, technology, education and math by giving them an incentive to build and battle with robots. The teams have to do more than simply design, manufacture, and operate the “bots;” they must document all their work, just as engineers do in real manufacturing settings. Corporate partners who work with the

students, their parents and teachers to build the best bot. The local chapter of the NTMA, the National Tool and Machining Association, brought the event to our region to get out in front of the aging of our workforce and introduce a new generation to the thrill of making – and, yes, destroying – things.

By all accounts, the strategy is working. Surveys of the youngsters who have participated in BotsIQ indicate that they're more likely to choose engineering as a career. All of this is all the more important given the growth in manufacturing jobs in our region. Last year, more than 50 manufacturers expanded in our region or were attracted to set up shop here. In addition, manufacturing employment is growing faster here than it is across the state or nation. A lot of the same skills apply to the energy industries that are expanding in our region. We are going to need to educate, train and attract a lot more skilled workers if we're going to keep up.

Although Highlands took the top prize because of the performance of their bot and their attention to detail in documentation, Plum Senior High School's “Still ‘N Shock 2” won the actual competition, beating Kiski Area High School's “Bruce Wayne” in the final match of the day. But a three-way tie for “Best

Sportsman-ship” is worth noting. Eastern Westmoreland Career and Technology Center, Hempfield Area High School and Mapletown Junior/Senior High School were honored by their fellow competitors for their willingness to help other teams and make sure that every bot that came to compete was able to compete. It's an award in the true spirit of the power of Pittsburgh to innovate and collaborate to make things happen.

You can find out more about BotsIQ at their website, [www.botsiqpa.org](http://www.botsiqpa.org). You can also check out a video I produced at last year's event [http://www.youtube.com/watch?feature=player\\_embedded&v=WIT5saM1M68](http://www.youtube.com/watch?feature=player_embedded&v=WIT5saM1M68). Better yet, encourage your local high school or career & technical center to create a team and battle for bot supremacy. Sure, it's fun to win a competition like this, but it's even better to participate in a program that's going to make our region a better competitor in the future.



## DAVIS TOOL & DIE CHANGES OWNERSHIP

Davis Tool & Die, Fenton MO of the St. Louis Chapter has recently changed ownership to the next generation of the Davis family and installed a new Agies/Charmilles sinker EDM.

The 23-year old company produces die cast dies, trim dies, plastic injection molds, prototypes, aerospace parts and fixtures (machining pilot, pre-production & production). CNC high speed milling is also offered.



The firm was founded by Donald Davis, who has over 56 years of tool and die experience, in 1989. Three of his sons (Bill, Matt and Rob) are now the owners. The trio has worked at the company for over 23 years each. Donald is still active in the business.

Rob Davis noted, “If we take care of our customers, they'll take care of us. It's all about service.”



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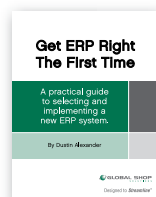
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# REYCO PRECISION MACHINING, INC. RECEIVES SMALL BUSINESS EXCELLENCE AWARD FROM UNITED LAUNCH ALLIANCE

Reyco Precision Machining, Inc., a privately owned company focusing on the aerospace sector (satellites, space launch



Ike Lester, President and Owner of Reyco Precision (right), and Mike Jensen, Vice President, Subcontractor Management and Procurement for United Launch Alliance (left).

systems and missile defense systems), received the Small Business Excellence Award from United Launch Alliance (ULA) for its outstanding support in 2011. Based in Centennial, Colo., ULA designs, builds and launches rockets that carry missions for the Department of Defense, NASA, the National Reconnaissance Office and other commercial customers.

ULA works with more than 1,000 small business suppliers across the country. Each year it presents the Small Business Excellence Awards to a select group to recognize the high-quality products or services they provide to ULA.

Reyco is truly honored to receive this award

from United Launch Alliance,” said Ike Lester, Owner and President of Reyco. “It is a true testament of our commitment to our customers and our pledge to exceed expectations.”

Additional information about Reyco can be obtained by visiting the company web site at [www.reycoprecision.net](http://www.reycoprecision.net).



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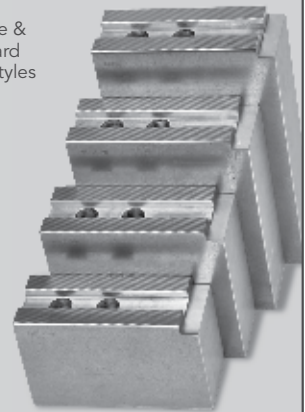
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Andy Ellard,  
Manda Machine, Dallas, TX



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