

## Inaugural GOLF4MFG Fundraiser, a Smashing Success



The first annual NBT Golf4Mfg event at the Boulder Ridge Country Club in Lake in the Hills, IL was a huge success! 68 golfers came out to play, eat, drink, win prizes and enjoy the day. Generous donation check presentations kicked off the day from Kelly Services, the CNA Foundation and Production Tube Cutting during the lunch reception. Thanks to the event's corporate sponsors: Mazak Optonics, TRUMPF, Mitsubishi Laser, Feralloy and CNA, all proceeds benefit Nuts, Bolts & Thingamajigs summer camps and scholarships.



Boulder Ridge Country Club Clubhouse



Winning foursome: Joe Campise, Ryan Delahanty, John Campos, Erron Nielsen (not pictured) with NBT President Ed Youdell

As the temps were climbing, so was the anticipation of the winning foursome for the event. A group from Gardner Business Media took home trophies and earned the bragging rights on the travelling trophy housed at FMA headquarters. Special congratulations go to the contest winners: Kourtney Mulcahy (Hinshaw and Culbertson LLP) hit the Longest Drive, Erron Nielsen (SHL) got Closest to the Pin, Rebecca Citron (Mazak) made the Longest Putt and Rick Dudek (Wells Fargo) toed the line with the Straightest Drive. To wrap things up, dinner and a cold beverage was enjoyed by all.

**Save August 25, 2014 for the second annual Golf4Mfg event!**

## Runners, Sponsors Needed – Nov. 17, 2013 RUN4MFG

Imagine it's a crisp, bright November morning in one of Chicago's premier lakefront parks – Lincoln Park. You're in town for FABTECH and you'd normally take your morning run or walk in the neighborhood near your hotel, but instead you are helping to raise much needed funds for Nuts, Bolts & Thingamajigs by participating in the 2<sup>nd</sup> annual RUN4MFG -5K®.

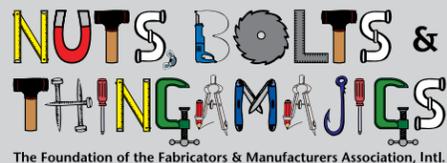
Run as an individual, ask colleagues to donate on your behalf. Or organize a team from your company and ask your company, its customers or its vendors to make a donation to support your team. There are also sponsorship opportunities.

Learn full details, register to run, make a donation at [www.fabtechexpo.com/run4mfg](http://www.fabtechexpo.com/run4mfg).



Please consider a tax-deductible gift to support the camp or scholarship programs of Nuts, Bolts & Thingamajigs®, the Foundation of the Fabricators & Manufacturers Association, Intl. Make a contribution using the enclosed donor card or online at:

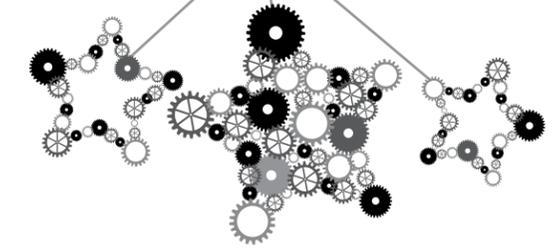
[www.nutsandboltsfoundation.org/support](http://www.nutsandboltsfoundation.org/support)



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# Building the Future



*Raising Up the Stars of Tomorrow's Manufacturing*

## Message from the NBT Board Chair

Sept. 23, 2013

To All the Friends of NBT --

It's hard for me to realize that my two years as Chairman of the Board of Nuts, Bolts & Thingamajigs will be over in less than a month. These years have really flown, we've worked hard, and I could not be more pleased with what we've accomplished.

- We've refocused our scholarship program so that all of the funds benefit students who attend community college, technical college and trade school programs leading to the hands-on, practical skill jobs that employers are so desperate to fill. In addition, we now receive and review scholarship applications twice a year – spring and fall – so that we can be more responsive to the students entering the community and technical college world where the concept of a school year that starts in September is quickly becoming irrelevant. We also manage scholarship endowments that specifically seek applicants who are entering four-year university programs in areas like engineering and metallurgy.
- Our summer manufacturing camp program has been redesigned so that we both encourage the community colleges that are offering the camps to repeat their programs annually and add advanced camps, but also require them, over time, to develop more financial support from the manufacturing businesses in their communities. These companies will ultimately benefit from the creation of a youthful manufacturing workforce, something the camps have been shown to inspire.
- We've become more adventurous and fun-focused in our fundraising. Events like the Run4Mfg® which was first offered at FABTECH 2012 and will repeat again this year have brought the mission of NBT to a whole new audience of supporters. Likewise, a new Golf4Mfg® event was introduced this summer and was a big success. There's no reason why we shouldn't offer people a chance to have fun while they help us to increase the funds NBT can put into programs that create the next generations of manufacturers.

It's been a privilege to serve as Chair and I'm proud to have had the opportunity to work on programs that will impact the future of the industry. And, I am very grateful for the support that all of our donors – individual and corporate -- have provided. Without your generous gifts we would not be able to provide these services. Please make Nuts, Bolts & Thingamajigs a permanent part of your annual charitable giving strategy.

Cordially,



*Traci Tapani*

Traci Tapani, NBT Board Chair  
Co-president  
Wyoming Machine Inc., Stacy, Minn.

# Summer Manufacturing Camps Reach New Heights in 2013

The 2013 summer manufacturing camp program consisted of both new locations and some that have developed an audience that is ready for advanced camp activities. Both kinds of camps flourished this summer.

## First New Hampshire Camp

The Manchester Community College program was so successful in its first year that participants have already asked for an advanced camp next year. This camp had a tremendous amount of community support for a first-time program.



*"... parents were strongly supportive of the camp. The college is seen as progressive through this work with industry. ...strong input from our advisory board through donations, tours, etc... The advisory board is excited about the possibility of the camp being provided again next year."*

-Kathy L. DesRoches, camp director

## Advanced Camps Push the Limits – Two of the summer's advanced camps were quite unique.



At **Fox Valley Technical College** in Appleton, Wis. students designed and made their own electric guitars taking the product from the "sketch on a napkin" phase through commercialization. This was a middle-school program! Students also learned about 12 career pathways that were possible in manufacturing and exactly how to achieve each through the training/education programs available in their community.



**Thomas Nelson Community College** - With a very competitive basic camp on the books, this summer's Imagineering 2013 – Advanced Manufacturing Camp pushed students even farther.

Each student team brainstormed a new product idea, tested it using 3D printing (additive manufacturing), then developed both production and business plans, which they presented on the final day to a panel of "angel" investors who provided feedback on practicality and value of both product and business plan and "bid" to acquire the products.

These students also learned how to overcome unexpected adversity when a summer storm took out the power in their campus building and the operation had to move everything into temporary quarters -- and then move back. The strength of this program was in the substantial amount of volunteer support from the community – all of it based on the success of the prior year's basic camps.



## In addition, great NBT camps were produced at:

- Northeast Alabama Community College, Rainsville, Ala.
- Itawamba Community College, Tupelo, Miss.
- Moraine Park Technical College, West Bend, Wis.
- Anoka Technical College, Anoka, Minn.
- Triton College, River Grove, Ill.
- Chabot College, Hayward, Calif.

View photo albums on all the camps at [www.facebook.com/mfgcamps](http://www.facebook.com/mfgcamps)

## What would a manufacturing camp mean in your community?

Is there a college that you think should apply for a camp grant? Would your company support the program? Contact NBT at [foundation@fmanet.org](mailto:foundation@fmanet.org) and tell us about it. NBT staff will work with you and the local college to facilitate their application for a grant.

# Scholarship Recipients Fall 2013 – Exceptional Students with a Passion for Manufacturing

Nuts, Bolts & Thingamajigs is proud to announce this year's scholarship winners for the 2013 Fall semester. Many hours of hard work, dedication, passion and focus has been spent by these talented individuals pursuing their dream of a career in manufacturing.



**Kathryn Curtis\***  
Bradley University  
Industrial & Manufacturing  
Engineering & Technology



**Aaron Joos**  
Chippewa Valley Technical College  
Machine Tooling Technics



**Benjamin Kettler**  
Hobart Institute of Welding  
Technology  
Welding Technology



**Andrew Klos, Jr**  
St. Clair County Community College  
Welding & Cutting Technology and  
CNC Operation



**Darrien Kristiansen**  
College of Southern Maryland  
Mechanical Engineering



**Tyler McClish**  
Vincennes University  
Precision Manufacturing Technology



**Nathan Peatrowsky\***  
South Dakota School of Mines  
and Technology  
Metallurgical Engineering



**Jordan Prasifka\*\***  
University of Texas at Arlington  
Mechanical Engineering



**Brandon Sberna**  
Waukesha Area Technical College  
Tool and Die Making



**Caitlin Simpson**  
Triton College  
Engineering Technology



**Kristopher White**  
Mitchell Community College  
Pre-Engineering

This year the foundation had two repeat scholarship winners! The accomplishments of Tyler McClish and Andrew Klos, Jr. have earned them a second scholarship from Nuts, Bolts & Thingamajigs for the 2013 Fall semester.

There's more great news! The NBT scholarship program will now review applications and provide scholarship awards twice a year. The first Spring scholarship awards will be issued in November for the spring semester of 2014.

Visit [nutsandboltsfoundation.org/scholarships](http://nutsandboltsfoundation.org/scholarships) for the 2014 Application. The application deadline is September 30, 2013.

\*OPC/NBT Scholarship Winner \*\* The U. K. Gupta Family Scholarship Endowment