

Manufacturing Technology Academy
TBAISD Career-Tech Center
880 Parsons Rd.
Traverse City, MI 49686



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Please help us spread the news about the MTA! Share this newsletter with other parents, students or local employers.

About MTA

MTA Students work with a team of academic and technical instructors with access to mentors and industry experts for hands-on, technical experience.

Parents value a tuition-free education in math, science, English, technology, and communication. Practical experiences in a manufacturing setting enhance the instruction.

Counselors and teachers appreciate that MTA is a TBAISD program that does not reduce a school's student funding. Students earn high school academic credits through integrated curriculum.

Local businesses partner with MTA to develop a workforce prepared to compete in the global economy. Students benefit from job shadowing, mentoring and professional opportunities, building strong industry relationships.

MTA Student Awards

Congratulations to the Manufacturing Technology Academy students below who earned special recognition in the form of awards and scholarships. Their hard work and leadership are assets to MTA and to their peers.

CTC Academic Scholarships

Seamus Callaghan
Chris Lodge
Grace Olson
Cece Richardson
Josh Romanowski
Garrett Schaub
Austin Solem
Seneca Stairs
Emma VanderMeulen
Alex Welling

CTC Leadership Challenge Scholarship

Seamus Callaghan

CTC Outstanding Student Awards

Brayden Huddleston
Josh Romanowski

MTA Perfect Attendance - 2 Years

Nicholas Johnson
Rose Laisure
Zach Pederson

CTC Mathematics Award

Andrew Bratton

National Technical Honor Society Scholarship

Seamus Callaghan
Tyler Cobb
Rose Laisure
Chris Lodge
Grace Olson
Cece Richardson
Seneca Stairs
Emma VanderMeulen
Alex Welling

National Technical Honor Society Jon H. Poteat Scholarship

Seneca Stairs

Riopelle-Dowden Technical Scholarship

Grace Olson



MTA MATTERS

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MTA Earns National Award

Manufacturing Technology Academy received national accolades in May as the recipient of the **2016 Excellence in Action Award** from Advance CTE: State Leaders Connecting Learning to Work. The annual awards honor innovative Career Technical Education programs across the nation. MTA was one of only eleven selected for the award -- **and the only STEM-focused program chosen** -- based on its rigorous coursework, meaningful work-based learning experiences, and transitions to postsecondary education and successful careers. MTA and TBAISD representatives accepted the prestigious award at the Advance CTE event in Washington, D.C.



"This national recognition of the TBAISD Manufacturing Technology Academy is a wonderful acknowledgement of the dedication of students, staff, advisors and business partners," said TBAISD Superintendent Mike Hill.

"Excellence in Action award winners have high expectations that result in students truly being prepared for success in college, careers and life. By shining a national spotlight on these programs, we hope to challenge others to use them as a model for what high-quality CTE looks like and can achieve," said Kimberly Green, Advance CTE Executive Director.

MTA Robotics Honors

Manufacturing Technology Academy (MTA) students competed against hundreds of students throughout the Midwest with their student-designed, student-built robots. Congratulations to the following teams for their excellent achievements:

National Robotics Challenge
Marion, Ohio

FIRST Robotics Competition
Traverse City

N. Michigan Math, Engineering & Science Symposium
Traverse City

Honda Innovation Award:
MTA Rescue Robot Team
Rose Laisure (Kingsley)
Heidi Schwab (Home School)
Seneca Stairs (Glen Lake)

Competition Finalist:
MTA FRC Team 1896
Chris Lodge (Glen Lake)
Grace Olson (GT Academy)
Donavan Ochs (SB Virt. School)
Jerry 'Trip' Dunham (St. Francis)
Ben Dierking (Benzie)

Engineering Award Winner:
MTA Team Wombat Heavyweight Sumo Robot
Tyler Cobb (TC West)
Zach Pederson (Elk Rapids)
Josh Romanowski (Glen Lake)

Engineering Runner-Up:
MTA FRC Team 1896
Chris Lodge (Glen Lake)
Grace Olson (GT Academy)
Donavan Ochs (SB Virt. School)
Jerry 'Trip' Dunham (St. Francis)
Ben Dierking (Benzie)



Thankful Recognition

Special thanks to the financial partners who contribute resources and expertise for MTA's annual robotic competitions. Because of their support, our students thrive in a rich learning environment with hands-on, collaborative experiences.

Sponsors Welcome

MTA is always seeking sponsors and grant opportunities. If you are an individual or company interested in collaborating, please contact Tim Wheatley at (231) 995-1304.

Contact MTA

Instructor Tim Wheatley
(231) 995-1304
twheatley@tbaisd.org

MTA Guidance Board Chair
Brian Dubow

Career-Tech Center Principal
Pat Lamb

MTA Mission Statement

To provide a learning environment which motivates and enables students to acquire worldclass manufacturing and engineering skills while positioning them to compete and excel in the global market.

Learn More!

To learn more about MTA visit
www.mta.tc or
Like Us on Facebook!
<http://www.facebook.com/TCMTA>

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Congratulations to the Manufacturing Technology Academy Class of 2016

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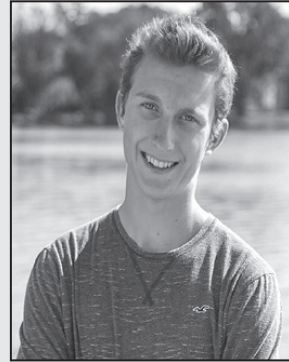
Austin Burt
TC Central High School
Future:
Michigan State University



Jeremy Byrnes
Glen Lake High School
Future:
Northwestern Michigan
College and
University of Michigan



Seamus Callaghan
Benzie Central High School
Future:
University of Michigan



Victor Casler
St. Francis High School
Future:
Clemson University



Abbey Clasen
Benzie Central High School
Future:
Grand Valley State
University



Tyler Cobb
TC West High School
Future:
Michigan Tech University



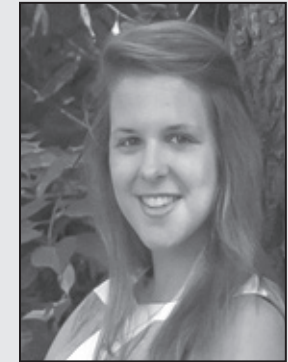
Ben Dierking
TC West High School
Future:
Michigan Tech University



Jerry Dunham
St. Francis High School
Future:
James Madison College



Nicholas Johnson
St. Francis High School
Future:
Northwestern Michigan
College



Rose Laisure
Kingsley High School
Future:
Kettering University



Jackson Ledford
Buckley High School
Future:
Florida A & M University



Chris Lodge
Glen Lake High School
Future:
Northern Michigan
University



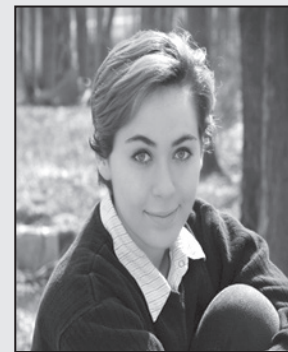
Ashley Nye
Benzie Central High School
Future:
University of Michigan



Nicholas Loew
Elk Rapids High School
Future:
U.S. Air Force



Donovan Ochs
Home School
Future:
Northwestern Michigan
College



Grace Olson
Grand Traverse Academy
Future:
Oakland University



Zach Pederson
Elk Rapids High School
Future:
Kettering University



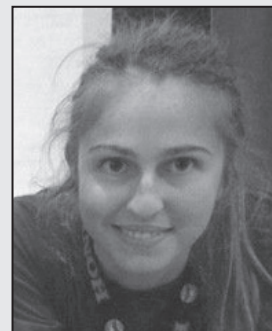
Cece Richardson
St. Francis High School
Future:
University of Michigan



Josh Romanowski
Glen Lake High School
Future:
Michigan Tech University



Garrett Schaub
Glen Lake High School
Future:
University of Michigan



Heidi Schwab
Home School
Future:
Michigan Tech University



Austin Solem
Benzie Central High School
Future:
Michigan Tech University



Seneca Stairs
Glen Lake High School
Future:
Michigan Tech University



**Adriana
Termaat-Matthews**
Elk Rapids High School
Future:
University of Michigan



Emma VanderMeulen
TC West High School
Future:
Michigan State University



Alex Welling
Buckley High School
Future:
4-Year College for
Engineering



Parker Wilson
St. Francis High School
Future:
Michigan Tech University

The Science of Packaging

Every other school year, MTA students take part in a project to learn the art, science and engineering of packaging for manufactured goods. Thanks to our generous sponsor Grand Traverse Container and industry expert Paul Phillips, students take part in the hands-on creative problem-solving process to develop custom corrugated packaging used in business. It is beneficial for them to experience on-site work with state-of-the-art equipment and the goal of producing high quality, efficient, and cost-effective containers.

