

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



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MTA MATTERS

Newsletter of the Manufacturing Technology Academy of NW Michigan

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June 2017

www.mta.tc

National Robotics Challenge CHAMPIONS

Manufacturing Technology Academy (MTA) sent four teams to the annual National Robotics Challenge competitions in Marion, Ohio in April, and the RoboHockey team dominated, winning the NRC first place prize in that category.

The NRC RoboHockey competition included 30 teams battling to score goals using radio controlled devices designed and assembled by students. The MTA team remained undefeated and did not allow a single goal to be scored against them.

RoboHockey team members:
Brayden Huddleston, Benzie
Scot Laing, Benzie
Jake Palmer, Glen Lake
Glen Bredin, Glen Lake
Michael Niepoth, Bellaire
Jacob Bieri-Brintnall, Buckley



Celebrating 20th MTA Graduating Class



Manufacturing Technology Academy celebrates its 20th graduating class in 2017. With 23 students from high schools throughout the region, the class of 2017 joins the successful ranks of MTA grads since its beginning in 1996.

Ninety-five percent of this year's seniors will attend college in the fall. The class of 2016 saw a college placement rate of 92.5%; the class of 2015 was 95.6%; and the class of 2014 was 95%. All MTA students also participate in internships or work experiences; and they take part in the mentorship program with local business professionals sharing academic advice and preparing students for careers and college life.

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 internships, job shadowing, mentoring and professional opportunities, building strong industry relationships.



Building Good Work

A team of MTA students sponsored by Bill Marsh Auto participated in the Father Fred Foundation's fifth annual "Canstruction" event. Teams competed to build structures from packaged foods to raise awareness for the need for donated goods and services. The MTA team won the award for "Structural Integrity," while helping neighbors in the community.

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.

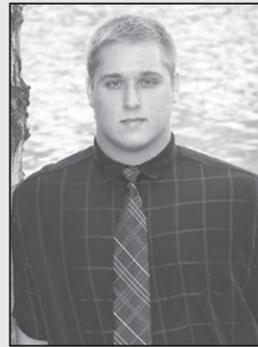
Learn More!

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

MTA Matters Newsletter provided by the
MTA Guidance Board, and published by
TBAISD Communications

Congratulations to the Manufacturing Technology Academy Class of 2017

Congratulations to the Manufacturing Technology Academy Class of 2017



Bill Barnhart
Buckley Community Schools
Future:
Northwestern Michigan
College - Promise Scholar
Northern Michigan University
Ecology Major



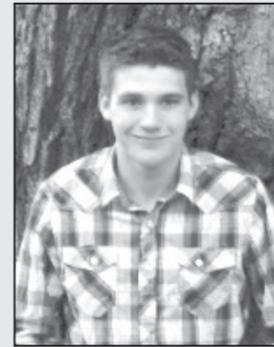
Jacob Bieri-Brintnall
Buckley Community Schools
Future:
Northwestern Michigan
College
Michigan Tech
Chemical Engineering Major



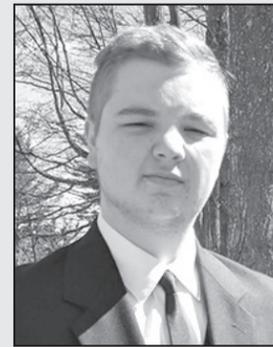
Andrew Bratton
Kalkaska High School
TBAISD Early College:
Northwestern Michigan
College
Future: 4-Year College
Engineering Major



Glen Bredin
Glen Lake High School
Future:
University of Michigan
Engineering Major



Joshua Cain
Schooled at Home
Future:
Northwestern Michigan
College



Gavin Coan
Kalkaska High School
TBAISD Early College:
Northwestern Michigan
College
Future: 4-Year College



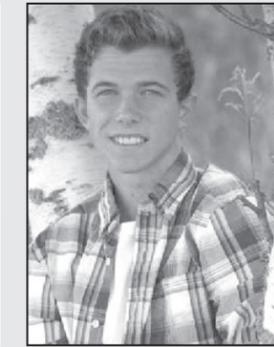
Forest Collins
Kalkaska High School
TBAISD Early College:
Northwestern Michigan
College
Future: 4-Year College



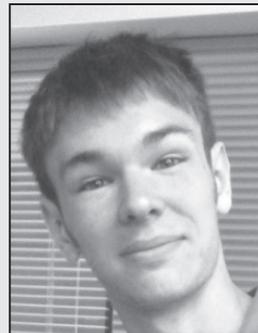
Kalob Hagen
TC West Senior High School
Future:
Northwestern Michigan
College



Wilson Holmes
Schooled at Home
TBAISD Early College:
Northwestern Michigan
College
Future: Michigan Tech



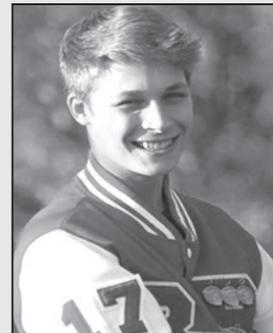
Brayden Huddleston
Benzie Central High School
Future:
Bradley University
Mech. Engineering Major



David Jacoby
TC West Senior High School
Future:
United States Marine Corps



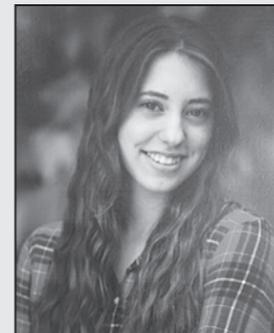
Kale Kreitner
Grand Traverse Academy
Future:
Lawrence Tech University
Robotics Engineering Major



Scot Laing
Benzie Central High School
Future:
Ohio Northern University
Mech. Engineering Major



Gabe Meriwether
Bellaire High School
Future:
Cornerstone University
Pre-Med Major



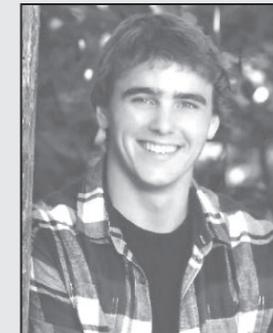
Risa Nelson
Grand Traverse Academy
Future:
Utah Valley University
Biotechnology Major



Michael Niepoth
Bellaire High School
Future:
Michigan State University
Mech. Engineering Major



Oscar Okerlund
Glen Lake High School
Future:
Michigan State University
Pkg. Engineering Major



Jake Palmer
Glen Lake High School
Future:
Michigan State University
Biomed. Engineering Major



Caroline Slack
Grand Traverse Academy
Future:
Michigan State University
Engineering Major



Collin Szydlowski
Kingsley High School
Future:
Northwestern Michigan
College
Robotics/Automation Major



Taylor Tuchbaum
TC West Senior High School
Future:
Michigan State University
Mech. Engineering Major



Hunter Way
Buckley Community Schools
Future:
Northwestern Michigan
College - Promise Scholar
Michigan Tech
Mech. Engineering Tech Major



Haley White
Calvary Bible Academy
Future:
Moody Bible Institute
Worship Arts/TESOL Major



Congratulations to MTA Robotics Competitors!

Manufacturing Technology Academy students competed against hundreds of students throughout the Midwest with their student-designed, student-built robots. Congratulations to the MTA teams for their excellent achievements in science, technology, engineering and mathematics.

MTA Robotics Teams

Rescue Robot Team Honey Badgers
Bill Barnhart
Hunter Way
Kalob Hagen
Risa Nelson

Rescue Robot Team Tune Squad
Gabe Meriwether
Oscar Okerlund
Taylor Tuchbaum

Sumo Robot Team Resistance
Andrew Bratton
Forest Collins
Gavin Coan
Wilson Holmes

RoboHockey Team Buffalo*
Brayden Huddleston
Glen Bredin
Jacob Bieri-Brintnall
Jake Palmer
Michael Niepoth
Scot Laing
**NRC First Place Award*
**Engineering Award*

Concussive Engineers Team Members*
Caroline Slack
Collin Szydlowski
David Jacoby
Haley White
Josh Cain
Kale Kreitner
**FIRST Robotics Competitors*

MTA Student Awards

Congratulations to students who earned awards and scholarships:

CTC Academic Scholarship
Jacob Bieri-Brintnall, Hunter Way
Brayden Huddleston, Glen Bredin
Oscar Okerlund, Gabe Meriwether
Collin Szydlowski

CTC Leadership Challenge Scholarship
Glen Bredin, Jake Palmer

CTC Students of the Year
Haley Papineau, Glen Bredin

CTC Students of the Quarter
Haley Papineau, Gabe Meriwether
Nolan Awrey, Hunter Way
Alex Thayer, Jake Palmer

CTC Tools of the Trade Scholarship
Gavin Coan

MTA Perfect Attendance
Collin Szydlowski

MTU Soc. of Women Engineers
Caroline Slack, Idalia Cuellar

National Technical Honor Society Scholarship
Bill Barnhart, Glen Bredin,
Jacob Bieri-Brintnall,
Andrew Bratton, Forest Collins,
Brayden Huddleston,
Gabe Meriwether,
Haley White (Poteat Scholarship)

Kiwanis Student of the Month
Glen Bredin