

Manufacturing Technology Academy
TBAISD Career-Tech Center
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MTA MATTERS

Newsletter of the Manufacturing Technology Academy of NW Michigan

Vol. 23 No. 2

June 2018

MTA Robotics Contenders



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.



Photos:
Top - MTA students prepare to board the charter bus traveling to Marion, Ohio for National Robotics Challenge

Center - Team Hockey Mustangs won the silver award

Bottom - Team Hockey Puck Wizards won the gold award

- Combat Bot - 6th Place**
Nolan Awrey
Jay Marchant
Rowdy Vyverberg
- Hockey Mustangs - Silver**
Kameron Kessner
Bradon Lowe
Beau Nickerson
Cooper Nordeen
Ethan Silverman
- Hockey Puck Wizards - Gold**
John Hettinger
Joshua Nye
Ryan Sass
Robert Stewart
- Ball Squad Rescue Robot**
Denver Cade
Harrison Schaub
Joey Weber
Megan Wilkie
- MesoPOTamian Workcell - Bronze**
Idalia Cuellar
Taylor Hines
Carson Reay
- A-Team Sumo - 6th Place**
Samuel Dunlap
Haley Papineau
Alex Thayer
- C4 Sumo - Silver**
Caleb Carlisle
Zach Carsten
Caleb Cheung
Connor Cheung

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.



Alumna Spotlight: Exploring Broad Horizons

Amanda Lodge, a 2014 graduate of MTA and Glen Lake High School, is graduating from Hamilton College in Clinton, NY with a degree in environmental science. During her last college spring break, she trekked to Everest Base Camp with other students in a Himalayan mountaineering course. The trip took her from the organized chaos of Kathmandu to the infamous Lukla airport, and up the Khumbu Valley. While on the trail, students became immersed in local culture and traditions. Amanda was drawn to the excursion because of her interest in mountain ecology and passion for the outdoors. She has also researched and explored the fjords of Iceland and Greenland, Niwot Ridge in the Rockies, and lakes and mountains of the Adirondacks. This summer she will work as a limnology field technician with the University of Colorado Boulder Mountain Research Station.

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 world class manufacturing and engineering skills while positioning them to compete and excel in the global market.

Learn More!

To learn more about MTA visit
www.tbactc.org
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 2018

Congratulations to the Manufacturing Technology Academy Class of 2018



Nolan Awrey
Schooled at Home
Future:
Franciscan University
Major:
Civil Engineering



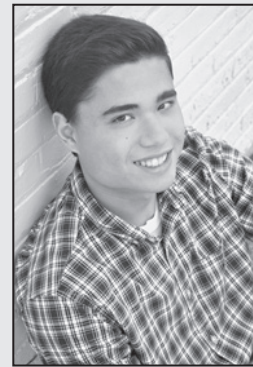
Denver Cade
Buckley Community Schools
Future:
Spring Arbor University
Major:
Business Administration



Caleb Carlisle
Kalkaska High School
Future:
NMC and Grand Valley
State University
Major:
Computer Engineering



Zachary Carsten
Buckley Community Schools
Future:
University of Michigan
Major:
Aerospace Engineering



Caleb Cheung
Buckley Community Schools
Future:
NMC and 4-Year College
Major:
Computer Engineering



Connor Cheung
Buckley Community Schools
Future:
NMC and 4-Year College
Major:
Computer Engineering



Idalia Cuellar
Suttons Bay High School
Future:
Michigan Tech
Major:
Mechanical Engineering



Sam Dunlap
Kingsley High School
Future:
University of Michigan
Major:
Aerospace Engineering



John Hettinger
Benzie Central High School
Future:
Michigan Tech
Major:
Electrical/Computer
Engineering



Taylor Hines
Grand Traverse Academy
Future:
Michigan Tech
Major:
Mechanical Engineering



Kameron Kessner
Kingsley High School
Future:
NMC and
Michigan Tech



Bradon Lowe
Kingsley High School
Future:
Baker College or
Northwestern Michigan
College



Jay Marchant
Grand Traverse Academy
Future:
United States Air Force



Beau Nickerson
Kingsley High School
Future:
NMC and Saginaw Valley
State University
Major:
Mechanical Engineering



Cooper Nordeen
TC Central High School
Future:
Michigan Tech



Joshua Nye
Benzie Central High School
Future:
University of Michigan
Major:
Computer Engineering



Haley Papineau
Benzie Central High School
Future:
Michigan Tech
Major:
Biomedical Engineering



Carson Reay
Glen Lake High School
Future:
Rensselaer Polytechnic
Major:
Environmental Engineering



Ryan Sass
Benzie Central High School
Future:
Michigan State University
Major:
Criminal Justice/Cyber
Security



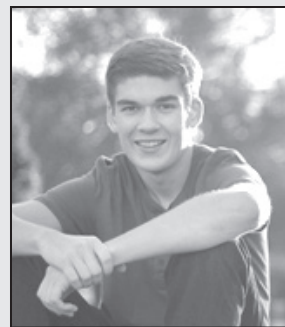
Harrison Schaub
St. Mary School
Lake Leelanau
Future:
Michigan State University



Ethan Silverman
TC Central High School
Future:
Western Michigan University
Major:
Aerospace Engineering



Robert Stewart
Benzie Central High School
Future:
Michigan Tech
Major:
Electrical Engineering



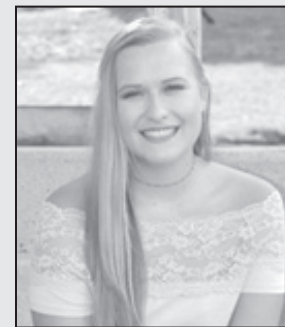
Alex Thayer
Frankfort High School
Future:
University of Michigan
Major:
Computer Engineering



Rowdy Vyverberg
Kalkaska High School
Future:
Northwestern Michigan
College
Major:
Visual Arts Communication



Joe Weber
Buckley Community Schools
Future:
Hope College
Major:
Civil Engineering



Megan Wilkie
Buckley Community Schools
Future:
Central Michigan University
Major:
Chemistry

MTA Student Awards

Congratulations to students who earned awards and scholarships:

Mike Hill Academic Scholarship

Christopher Hettinger

CTC Academic Scholarship

Nolan Awrey, Denver Cade, Caleb Cheung, Connor Cheung, Sam Dunlap, Haley Papineau, Carson Reay, Harrison Schaub, Robert Stewart, Alex Thayer, Joe Weber

CTC Leadership Challenge Scholarship

Zachary Carsten

CTC Students of the Year

Anders Roe, Alex Thayer

CTC Students of the Quarter

Idalia Cuellar, Andrew Dennis, Sam Dunlap, Anders Roe, Zach Thelander, Joe Weber

Mike Hill Tools of the Trade Award

Josh Nye

CTC Tools of the Trade Award

Zachary Carsten, Kameron Kessner, Beau Nickerson, Alex Thayer

MTU Society of Women Engineers

Grace Kolbusz, Olivia Rockwood

National Technical Honor Society Scholarship

Nolan Awrey, Christopher Hettinger, Haley Papineau, Joe Weber

Jon H. Poteat NTHS Scholarship

Alex Thayer

GT Area Retired School Personnel Scholarship

Haley Papineau

MI Career Placement Association Scholarship

Haley Papineau

TC Economics Club Scholarship Finalist

Alex Thayer