



2022

Annual Report

The Alliance for Working Together Foundation



WORKING TOGETHER
TO PROMOTE
REWARDING CAREERS
IN MANUFACTURING



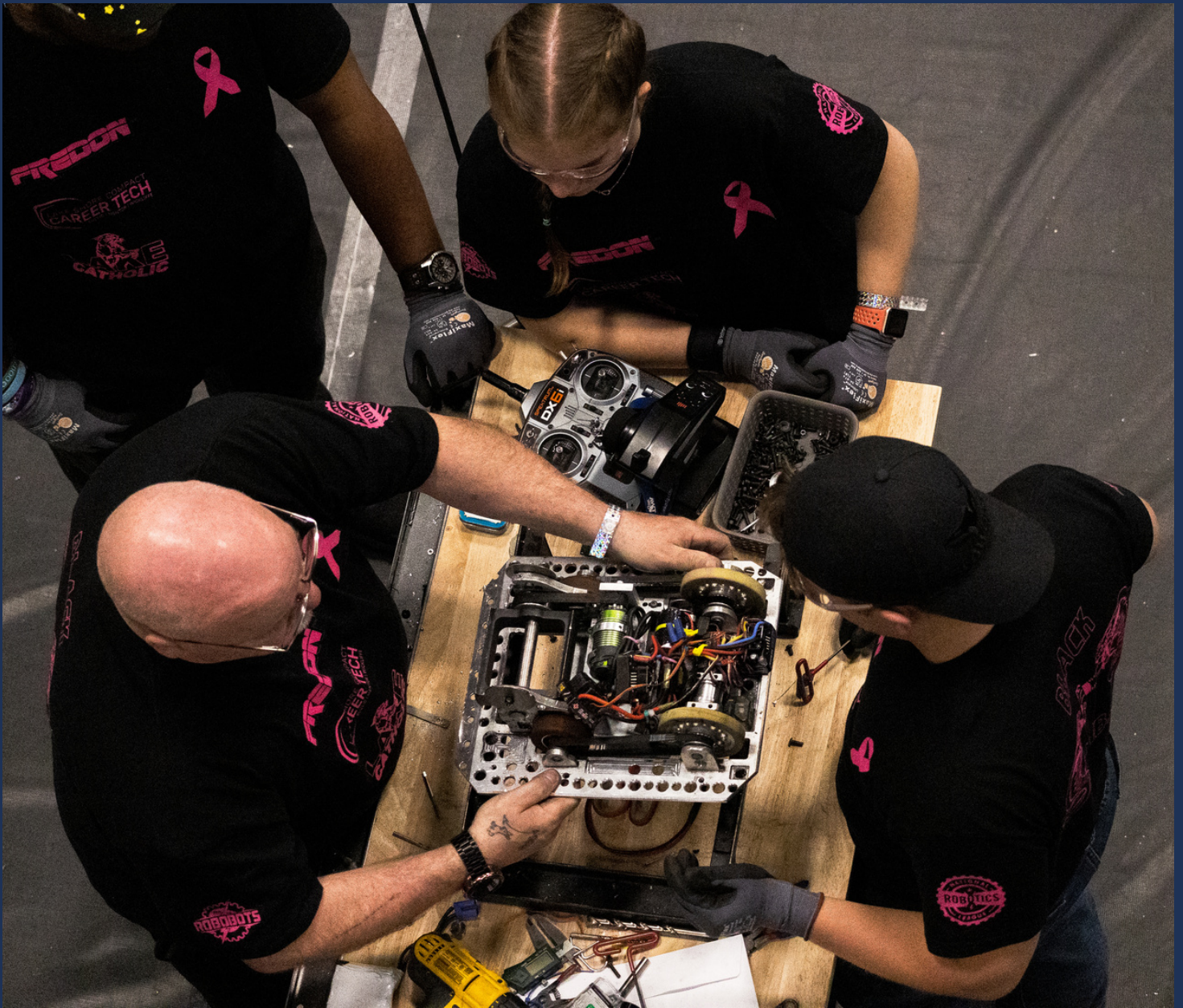


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WHO WE ARE

The Alliance for Working Together was started in 2002 as a small, informal group of manufacturers who met to discuss topics of interest and best practices among local manufacturers. Finding skilled workers was quickly identified as one of the top challenges for our manufacturers. Promoting rewarding careers in manufacturing became the core mission of the organization. In 2012, the AWT Foundation became a 501-(c)3 non-profit.

OUR SUCCESS

With the help of our strategic partners, the AWT Foundation has placed more than 1,200 students into manufacturing careers. We have exposed over 350 5th and 6th-grade students to careers in local communities. We have facilitated over 2,000 student, teacher, and parent tours of manufacturing facilities. We have been instrumental in access to transportation for manufacturing employees. By 2023, we will have trained 150 apprentices in the Northeast Ohio region.

A SPECIAL THANK YOU TO OUR PLATINUM SPONSORS





BOARD OF DIRECTORS



Alyson Scott
President
Fredon Corporation



Sara Spence
Vice President
Spence Technologies



Colin Cutts
Secretary
G&T Manufacturing



Roger Sustar
Treasurer
Fredon Corporation



Amy Harker
Director
ESC Northeast Ohio



Kristin Jenkins
Director
Universal Metal Products



Roxanne Putnam
Director
Swagelok



Rossmald Heredia
Director
STERIS Corporation



John Ribic
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Rimeco Products



Joel DiMare
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The Office of the Lake Co.
Comissioners



Chad Sanders
Director
Habco Tool & Dev Corp



Dr. Joe Glavan
Director
Lake Shore Compact &
Mentor Public Schools



Rich Wilson
Director
Matrix Tool



Mike Mulroy
Director
Eaton Corporation



Al Adams
Director
Ohio Ordnance Works



Phillip Fulgenzi
Director
Lincoln Electric

»» Staff



Teresa Simons
Executive Director



Kailyn Clarke
Program Manager



Steven Dohm
Technology Coordinator



Maria Triozzi
Bookkeeper



Stan Dobrzeniecki
Instructor



Ken McCreight
Instructor



BJ McKenzie
Instructor



Colin Cutts
Instructor

»» Committees and Committee Chairs

Executive Board

Alyson Scott
Fredon

Marketing

Chris Trombley
Deepwood Industries

Membership

Teresa Simons
AWT Foundation

Apprenticeship & Training

Kailyn Clarke
AWT Foundation

»» Programs & Outreach

Lake & Geauga SMI

Roxanna Putnam, Swagelok
Margo Reda, OhioMeansJobs
Geauga Co.

Opportunity Lake County: Communicating & Connecting

Cory Vojack
Lake County Board of Commissioners

RoboBots

Alyson Scott
Fredon

Think Manufacturing Expo

Dana Wolfe, WWLCC
Christine Weber, Mentor Chamber
Kelly Donahue, ELC

STEAM-to-Career

Roxanne Putnam, Swagelok
Tony Marinelli,
PSE/W.E.Schools

JuniorBots

Rich Wilson, Matrix Tool

»» OUR FOCUS & STRATEGY



Advance the Image of Manufacturing Careers

Promoting manufacturing careers is our mission and priority. Marketing and Education Committees are responsible for this priority.

Develop A Sustainable Organizational Framework

AWT began as an informal consortium in 2002. As our mission became clearer, we've grown and adapted to the needs of our members. As the skills gap becomes wider and more experts in the field retire, our organization is poised for growth. The skills gap is a big issue, gaining more attention throughout Northeast Ohio and the United States. AWT will be able to scale up and is dedicated to continuous improvement.

Form Strategic partnerships to Develop A Prepared Workforce

We are committed to collaborating with community and educational partners to attain the most significant impact for our community. AWT has the unique ability to flex and change to best serve the needs of our manufacturing membership. We are excited about the future we are able to build and secure through our working network.

Working together makes us stronger.

ENGAGE & GROW MEMBERSHIPS TO SUPPORT THE MISSION

As a membership organization, we need to be able to explain your return-on-investment, and we need to also sustain our organization financially. But we also need volunteers like manufacturing ambassadors, 'Bots coaches and judges, and event help. Creating ways to get our members involved, finding new companies and people that want to help, and matching them with opportunities is essential to our growth. Membership & Finance Committees are responsible.

CREATE, EVALUATE, & PROMOTE PROGRAMS THAT ADVANCE THE MISSION

We are optimists. We get excited about big ideas. We must make sure that AWT is evaluating existing and proposed programs to be sure that they are working as well as they should be, and whether we are the right organization to take on proposed projects. Program Committee is responsible for evaluation tools & annual process.

Financial 2022 Revenue

Program	FY'21
RoboBots and JuniorBots	110,885.73
Golf Outing and Member Events	9,361.77
Think Manufacturing Expo	(476.28)
Apprenticeship	198,969.10
Lake and Geauga SMI and STEM Outreach	36,280.41
Scholarship	2,000.00
Membership & Administration	53,871.53
Training Center	(631,228.01)

AWT Receives Stock Donations

A special thank you to Randy Carver and his team at Carver Financial Services. AWT is now able to receive stock donations through our brokerage account. Donating stock is a great way to support the initiatives you care about while saving on your taxes. Through the direct transfer of stock from your broker to ours you avoid capital gains taxes and you are able to take an income tax deduction. For additional information or to initiate a gift today contact Teresa Simons, AWT Executive Director teresa_simons@thinkmfg.com.

FUNDING SOURCES

SCALING APPRENTICESHIP GRANT

The U.S. Department of Labor has decided to revitalize apprenticeship programs in America. Through the Department of Labor Scaling Apprenticeship Grant, the State of Ohio has been tasked with training 5,000 manufacturing apprentices from 2020 to 2024. With The Ohio Manufacturers' Association acting as the Project Manager and Lorain Community College serving as the Fiscal Agent for this grant, The AWT Foundation has been chosen as the Sector Partner for manufacturing apprenticeship training for Lake, Ashtabula, and Geauga counties. Within the grant timeframe, the AWT Foundation, in partnership with Manufacturing Works, has committed to training 150 manufacturing apprentices to upskill our Northeast Ohio workforce.

STEM-to-CAREER GRANT

AWT received a grant of \$320,000 to support STEM initiatives in Ashtabula, Cuyahoga, Geauga, Lake, Portage, and Trumbull counties to provide students with early access to programming, engineering design, and problem-solving skills, the goal of which is to build a strong regional pipeline of future manufacturing workers who can fill high-paying, sustainable positions in the automated manufacturing industry.

EATON FOUNDATION GRANT

AWT received a grant of \$25,000 from The Eaton Charitable Fund towards advancing training and exposure to careers in STEM in Northeast Ohio.

MENTOR ECONOMIC ASSISTANCE GRANT

AWT received an Economic Development Grant of \$5,000 from the City of Mentor.

OHIO REGISTERED APPRENTICESHIP INCENTIVE PROGRAM

As an apprenticeship sponsor organization, AWT applied for and received reimbursement of \$25,000 through this ApprenticeOhio grant to help cover apprenticeship training costs incurred since July 1, 2020. The program is available through the Ohio Department of Job and Family Services (ODJFS).

FUNDING SOURCES

THE LOZICK FOUNDATION GRANT

AWT is slated to receive the final \$250,000 match on the original \$1,000,000 pledge. We are grateful for the partnership of the Lozick Foundation. Planning for the construction of the AWT Transformation Training Center began with a challenge from the Lozick Foundation Executive Director to Roger. I will give you a million dollars if you build a training center. Northeast Ohio and our manufacturing companies will benefit for years to come because of the generosity of the Lozick Foundation.

EDA GOOD JOBS CHALLENGE GRANT

The AWT Foundation was awarded \$930,000 from Federal ARP Funds' "Good Jobs Challenge" Program. AWT's funds are part of a \$23.5 million grant awarded to the Ohio Manufacturers Association for a 3-year workforce development action plan focused on recruiting and upskilling manufacturing workers across the state. We are working with Auburn Career Center to provide access to \$150,000 of this funding to purchase equipment to update their advanced manufacturing machining lab.

We will be launching WorkAdvance through this grant funding. In this short-term bootcamp style program, participants will learn soft skills, earn a Certified Manufacturing Associate (CMfgA) Certificate, and connect with manufacturing companies for interviews. Wrap-around services are available throughout the first year of employment following the successful completion of the program and employment.

2020 STATE CAPITAL FUNDS

The AWT Foundation received \$500,000 in State Capital Funds that went towards the construction of the Transformation Training Center. We appreciate the support of our members, partners, and our elected officials. Prioritizing the investment in the construction of the AWT Transformation Training Center is a smart investment in our community and the future of manufacturing.

2022 STATE CAPITAL FUNDS

The AWT Foundation was awarded \$500,000 in State Capital Funds that, when received, will go toward the construction costs of the AWT Transformation Training Center.

INTERNATIONAL PAPER

AWT Foundation has been awarded a \$3,500 grant from International Paper's Madison Mill and the International Paper Foundation. Funds support AWT's combat robotics competition, RoboBots.

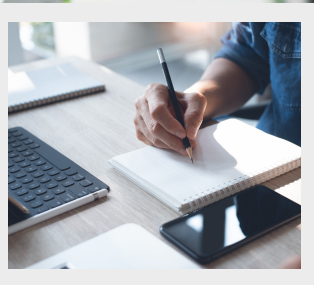
» APPRENTICESHIPS

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HANDS-ON TRAINING

Students will have in person instruction one day a week to complete machining projects and work on various machining processes and theory.



ONLINE INSTRUCTION

Our program is geared toward equipping apprentices with the necessary technical skills that meet the requirements of businesses in the trade.



ON-THE-JOB TRAINING

Through the earn-and-learn model, employees will spend normal workdays learning their craft at the workplace, completing jobs related to the apprenticeship occupation.

TERMS OF APPRENTICESHIP

- 4-year training program
- 8,000 hours on-the-job training
- 576 hours related instruction online
- Wage increases to the apprentice
- Employees receive OSHA10 Certification
- Employees receive a Journeyman Certificate upon completion

EMPLOYER BENEFITS

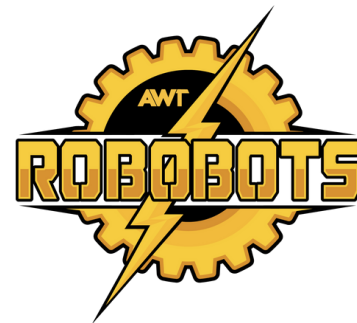
- Employees will learn customized skills
- Build a pipeline of skilled workers
- Boost retention and reduce employee turnover
- Make a positive return on investment
- Up to \$2,000/employee/year is reimbursable through Ohio TechCred

» AWT TRANSFORMATION TRAINING CENTER

The AWT Transformation Center provides training and pathways for Northeast Ohio's collective skilled manufacturing labor force and serves as a hub for workforce development in Northeast Ohio. The AWT Foundation has partnered with area manufacturing companies, county, state, and federal legislators to provide training for skilled manufacturing jobs. The AWT Transformation Training Center fills a gap in the training available for in-demand manufacturing careers. Offering training options during the day and in the evening.

The AWT Transformation Training Center is a resource that will allow businesses to take the lead in training the manufacturing employees of tomorrow.





» ROBOBOTS & JUNIORBOTS

The Alliance for Working Together (AWT) Foundation works to promote rewarding manufacturing careers for the long-term economic success of Northeast Ohio. Our largest program, RoboBots, enables students to gain experience and an understanding of manufacturing while having fun.

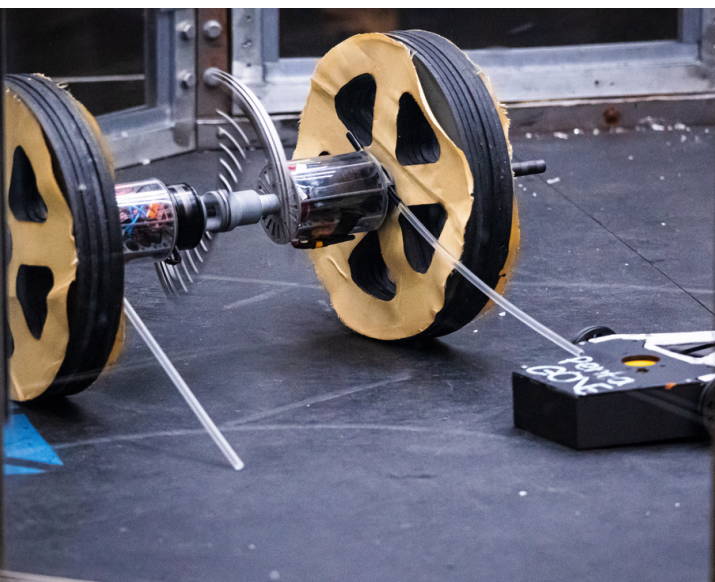
Our 2022 competition was different than previous years due to COVID-19 restrictions. While it still took place at Lakeland Community College, it was limited to participants and their families.

We look forward to the 2023 competition and plan to return to our original format, open to the public with concessions and fun activities. We are so proud of the student's hard work and dedication to their RoboBot.

2022 ROBOBOTS Results

AWARD	SCHOOL	TEAM	BOT NAME	SPONSOR
1st Place	Mentor High School	Buttercup	Buttercup	Libra Industries
2nd Place	Lake Shore Compact / Lake Catholic	Sharks	Hammer Head	Fredon
3rd Place	A-Tech	A-Tech Machinists	Greg	Short Run Machine / LCF / Fargo Machine / Fenton MFG / Reese Machine / Austinburg Machine / Spring Team
Best Documentation	Beaumont	Beaumonters	Persephone	G & T Manufacturing
Best Interview	Cuyahoga Valley Christian Academy	CVCA Royal Technic Team 2	Ginger Snapper	CVCA
Best Engineered	Mentor High School	Buttercup	Buttercup	Libra Industries
National Robotics Innovation Award	Mentor High School	Buttercup	Buttercup	Libra Industries

Stay up to date on
RoboBots at:
awtrobobots.com



» SUMMER MANUFACTURING INSTITUTE

The Summer Manufacturing Institute camp connects Science, Technology, Engineering, and Mathematics (STEM) concepts to local careers. Campers complete hands-on STEM projects and go on tours to local manufacturers. In 2022, AWT hosted 2-weeks of camp in Lake and Geauga County at iSTEM. The program targets 5th and 6th graders to get students interested in STEM and Manufacturing at a young age.

For more information go to: thinkmfg.com/smi



2022 Camps

- Mad Scientist Week (Girls-Only)
 - June 13-17, 2022
- RoboTech Week (Co-Ed)
 - June 20-24, 2022

2023 Camps

- Mad Scientist Week (Co-Ed)
 - June 5-9, 2023
- RoboTech Week (Girls-Only)
 - June 12-16, 2023





»» THINK MANUFACTURING CAREER EXPO

For the ninth year, the Lake County Chambers and the AWT Foundation partnered to host the Annual Lake County Think Manufacturing Career Expo on October 6th, 2022, from 8 am- 3:00 pm at Willoughby South High School.

Recognizing the great need of our county manufacturers to find new qualified employees and recognizing the economic impact of the manufacturing industry in Lake County, we created this event to connect our manufacturers and students in Lake County and surrounding areas. The Think Manufacturing Student Expo gives teachers, guidance counselors, principals, students, and parents the ability to learn more about high-tech careers, competitive pay, and other benefits manufacturing offers. We look forward to providing the annual comprehensive Think Manufacturing Career Expo again on October 5, 2023.

For more information go to: thinkmfgexpo.com



SCAN
ME! >>





OUR MANUFACTURING MEMBERS

Fredon Corporation	Cast Nylons	Lubrizol
Norman Noble	Christopher Tool & Manufacturing Co.	Machine Tracking
STERIS	Clark Oil & Chemical	MakerGear
Swagelok	Concentric Corporation	Malish Corporation
Truline Industries	De Nora	MCM Inc. Co., Inc.
Habco Tool & Development Corp	Die Co	Micro Laboratories, Inc.
Alloy	E Manufacturing Co.	MUM
Precision Technologies	Etna Products	North American
Earle M Jorgenson Co	Exact Tool & Die	Coating Labs
Eaton	Fargo Machine Company	North Coast Machining
Matrix Tool & Machine	Fastener Tool and Supply	Ohio Broach & Machine
Rimeco Products	Federal Gear	ORBIS Corporation
Advanced Controls Inc	Fischer Special Tooling	Ordnance Technology
Bodycote	G&T Manufacturing	Services
Cres Cor	Godfrey & Wing LLC	Pace Engineering
Ohio Ordnance Works	Gosiger Machine Tools	Path Technologies
Sunset Industries	Grand Rock Company	Profile Grinding
Universal Metal Products (UMP)	Heatmax Heaters (Glo Quartz Electric Heater)	Roll Kraft
Accurate	HI TecMetal Group	SC Industries
Metal Machining	Industrial Mold & Machine	Shaker Numeric
Allen Aircraft Products	International Paper	C&P Grinding
Astro Manufacturing	K-J Fasteners	Spence Technologies
Avery Dennison	Kennedy Group	Stratus
Bamboo Software	Kerr Lakeside Inc	Stripmatic Products
Bickford Flavors	Kyocera SGS	Tendon Manufacturing
Big Kaiser	Precision Tools	Torque Transmission
Precision Tooling	Lake County Plating	Talan Products
Bowden Manufacturing	Lake Erie Distillery	Vector Technical
Burton Industries	BWX Technologies	William Sopko & Sons
	Lincoln Electric	Zagar Inc
		Shop Supply & Tool Company
		Buyers Products
		C&W Grinding, Inc.



OUR EDUCATIONAL MEMBERS

Akron Garfield High School	Grand River Academy	Shaker Heights School
All Saints of John Vianney	Harvey High School	St. Albert
Andrews Osborne Academy	Hawken School	St. Anselm
Ashtabula After School Discovery (ASD)	Heights High School	St Edward
Ashtabula County Young Marines	Heritage Middle School - Painesville City	St. Gabriel
Assumption Academy	Hershey Montessori School	St Helen
A-tech	iSTEM Geauga Early College High School	St. Mark
Auburn Career Center	Kenston High School	St. Martin De Porres High School
Beaumont School	Kenston Middle School	St Mary of the Assumption
Bay Institute of Science & Engineering	Kent Roosevelt High School	St. Mary Chardon
Benedictine	Kirtland Local School District	Tallmadge High School
Berkshire Schools	Lake Catholic	Upper Arlington City Schools
Bio-Med Science Academy	Lake Erie College	Vanguard-Sentinel Career & Tech. Centers
Cardinal Schools	Lakeland Community College	VASJ
Chagrin Valley Career Academy	Lake Shore Compact	Wadsworth Schools
Chardon Public Schools	LaMuth Middle School - Riverside	Wellington Exempted Village Schools
Cleveland Central Catholic	Madison High School	West Geuga High School
Cleveland Heights Schools	Madison Middle School	West Geauga Middle School
Cleveland Industrial Training Center	Madison Public Library	Western Reserve Educational Service Center
Conneaut Public Schools	Maplewood Career Center	Wickliffe High School
Cornerstone Christian Academy	Mater Dei Academy	Wickliffe Middle School
Crawford County Career Center	Max S. Hayes Schools	Willoughby-Eastlake North High School
Crestwood High School	Mayfield High School	Willoughby Eastlake Public Library
Cuyahoga Falls High School	Memorial Middle School	Willoughby-Eastlake South High School
Cuyahoga Valley Career Center	Mentor High School	Willoughby-Eastlake School of Innovation
Cuyahoga Valley Christian Academy	Mentor Public Library	Willowick Middle School
Davis Aerospace and Maritime High School	Montessori High School at University Circle	
East CLC	Nextwork	
Eastlake Middle School	North Coast Tutoring Services	
Edufactor	Northern Career Institute	
Educational Service Center of Northeast Ohio	Notre Dame-Cathedral Latin	
Elyria Catholic	Painesville City Schools	
Euclid High School	Partners in Science Excellence (PSE)	
Fairport Schools	Perry High School	
Garfield Heights Schools	Perry Middle School	
Gilmour Academy	Polaris Career Center	
Grand Valley Schools	Rittman High School	
	Riverside Schools	



OUR COMMUNITY MEMBERS

The Catherine L. and Edward A.
Lozick Foundation
Buckley King
Dworken & Bernstein
Erie Bank
Global Real Estate Advisors
Junction Auto Family
Kirtland Capital Partners
Lake County Commissioners
Lakeland Construction Group
MJ Crocker & Associates
US Bank
Wells Fargo
100+ Women Lake County
Ashtabula County Commissioners
Ashtabula County Department of
Job & Family Services
Ashtabula County
Safety Council
Ashtabula Foundation
Ashtabula Ohio State University
Extension
Ashtabula Soil and Water
Conservation District
Association for Manufacturing
Technology
Bay Institute of Science &
Engineering (BISE)
Beaumont Camp
Ashtabula County
City of Mentor
City of Painesville
Economic Development
Cleveland Heights-University
Heights High School
Corrigan Krause CPA
Country Neighbor
The Business of Good

Deepwood Industries
Deer Valley Foundation
Eastern Lake County
Chamber of Commerce
Eaton Charitable Fund
ESC Northeast Ohio
Geauga Growth Partnership (GGP)
Geauga Maple Leaf
Girl Scouts NEO
Greater Cleveland Partnership
Growth Partnership for Ashtabula
County
Hola Ohio
Infinity Resources
J&J Catering
KeyBank
Lake County Board of
Developmental Disabilities
(Deepwood)
Lake County
Development Authority
Lake County
Development Council
Lake County General
Health District
Lake County Workforce
Development Board
Laketran
Leadership Lake County
Lincoln Electric Foundation
M Mark Weaver
Memorial Foundation Inc.
Madison Public Library
Magnet
Mentor Area
Chamber of Commerce
Mentor Chamber Educational
Foundation

Mentor Economic Assistance
Corporation
Mentor Public Library
National Robotics League
Nextwork
Nuts, Bolts & Thingamajigs
Ohio Manufacturers
Association (OMA)
Ohio State University
OhioGuideStone
Lake County
OhioMeansJobs
Geauga County
OhioMeansJobs
Lake County
Painesville Community
Improvement Corporation
Partners in Science
Excellence
Project Hope
Smart Manufacturing Cluster
Team IBB
Team Neo
The Murch Foundation
The Office of Congressman
Dave Joyce
The Reserves Network
Torchlight (BBBS)
TRANSFR
Willoughby Western
Lake County
Chamber of Commerce
Willoughby-Eastlake Public
Library
Women in Manufacturing
Youth
Opportunities Unlimited

AWT CALENDAR OF EVENTS

2023

January

Membership Drive 1/1
AWT Apprenticeship Cohort 6 Launch 1/18
AWT Apprenticeship Spring Semester 1/23

February

AWT Apprenticeship Cohort 7 Launch TBD

March

SMI Registration Opens 3/1
AWT Annual Meeting 3/14

April

RoboBots Interview/Safety Check 4/28
RoboBots Competition Day 4/29

May

June

Lake & Geauga SMI Camp 6/5-6/9
Lake & Geauga SMI Camp 6/12-6/16

July

AWT Summer Mixer 7/13

August

AWT Golf Outing 8/28
AWT Apprenticeship Fall Semester TBD
AWT Apprenticeship Cohort 8 Launch TBD

September

Educational Open House TBD

October

Think Manufacturing Expo 10/5
RoboBots Kick-off 10/23
JuniorBots Kick-off 10/24

November

December

AWT Holiday Mixer 12/14

REGISTER TO ATTEND, SPONSOR, OR VOLUNTEER AT OUR AWT EVENTS BY VISITING
WWW.THINKMFG.COM/EVENTS

Annual Report

2022



The Alliance for Working Together Foundation

ThinkMFG.com | contact@thinkmfg.com

Thank You

