

# PROJECT MFG

CREATE | SHAPE | IGNITE

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**MEET**  
**PROJECT MFG**



# WHO IS PROJECT MFG

Project MFG is a catalyst that helps elevate the next generation of highly skilled trade professionals by changing mindsets, fostering community preparedness, and challenging how the critical skills needed to succeed in modern advanced manufacturing are taught.



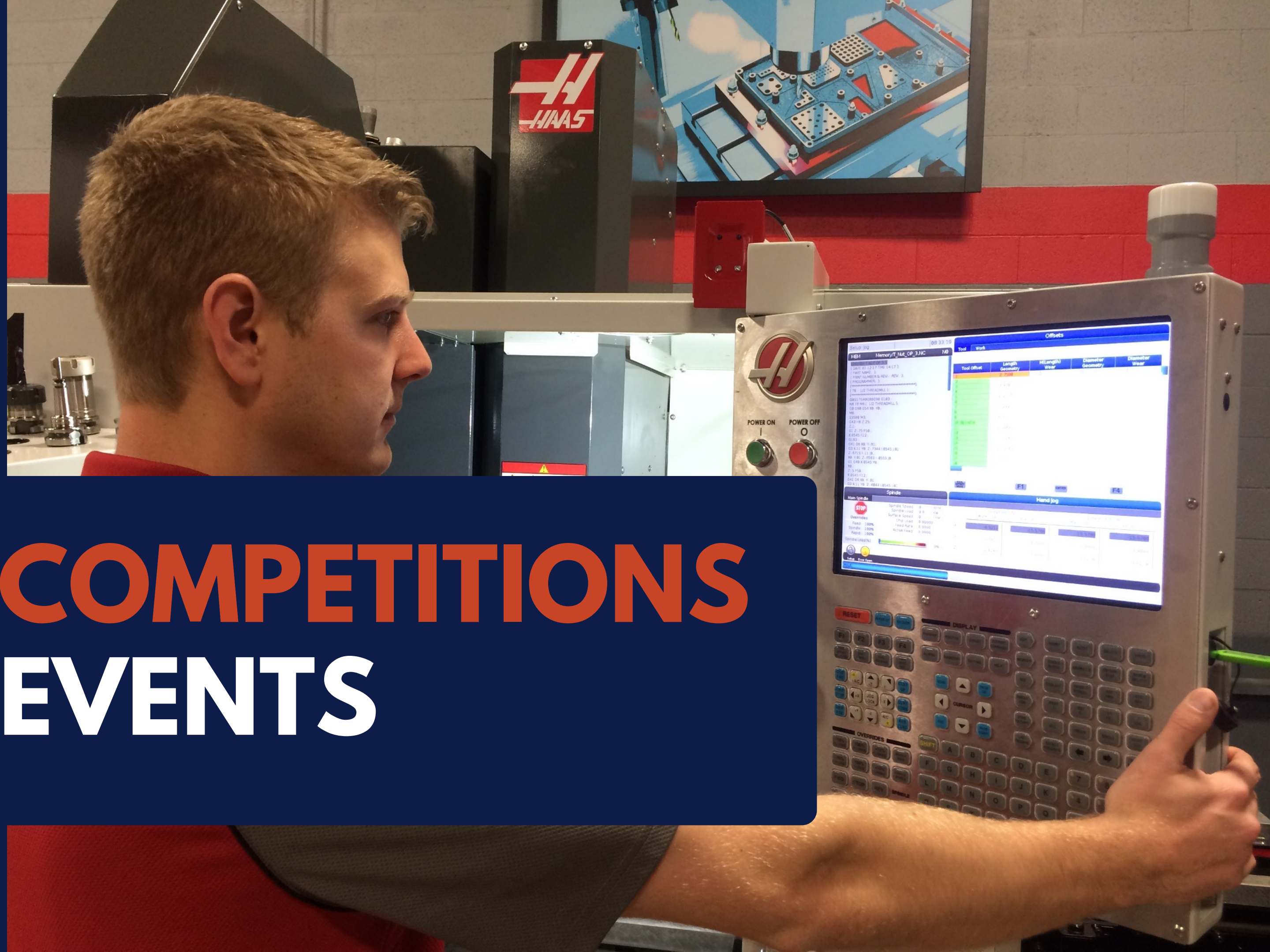




# WHAT IS OUR MISSION

We want to improve lives and America's future. When schools, industry, and government work together, we all win. Students gain skills to succeed, schools increase their capacity to teach more students, industry has more qualified job candidates, and U.S. manufacturing becomes more competitive as we level up the industrial workforce.





# OUR COMPETITIONS AND EVENTS



# HOW OUR COMPETITIONS MAKE AN IMPACT

## Local and Regional Competitions

These competitions go deep into the community to **Elevate** and **Accelerate**

- Pressure test training programs
- Ignite trade training investment from within the region
- Share best practices
- Identify top talent

## National Competition Series

Our national series creates a wide reach to **Promote** and **Elevate**

- Promote the prestige of manufacturing trade careers
- Engage influencers and social media
- Create new heroes and narratives
- Spotlights the need and effect of manufacturing





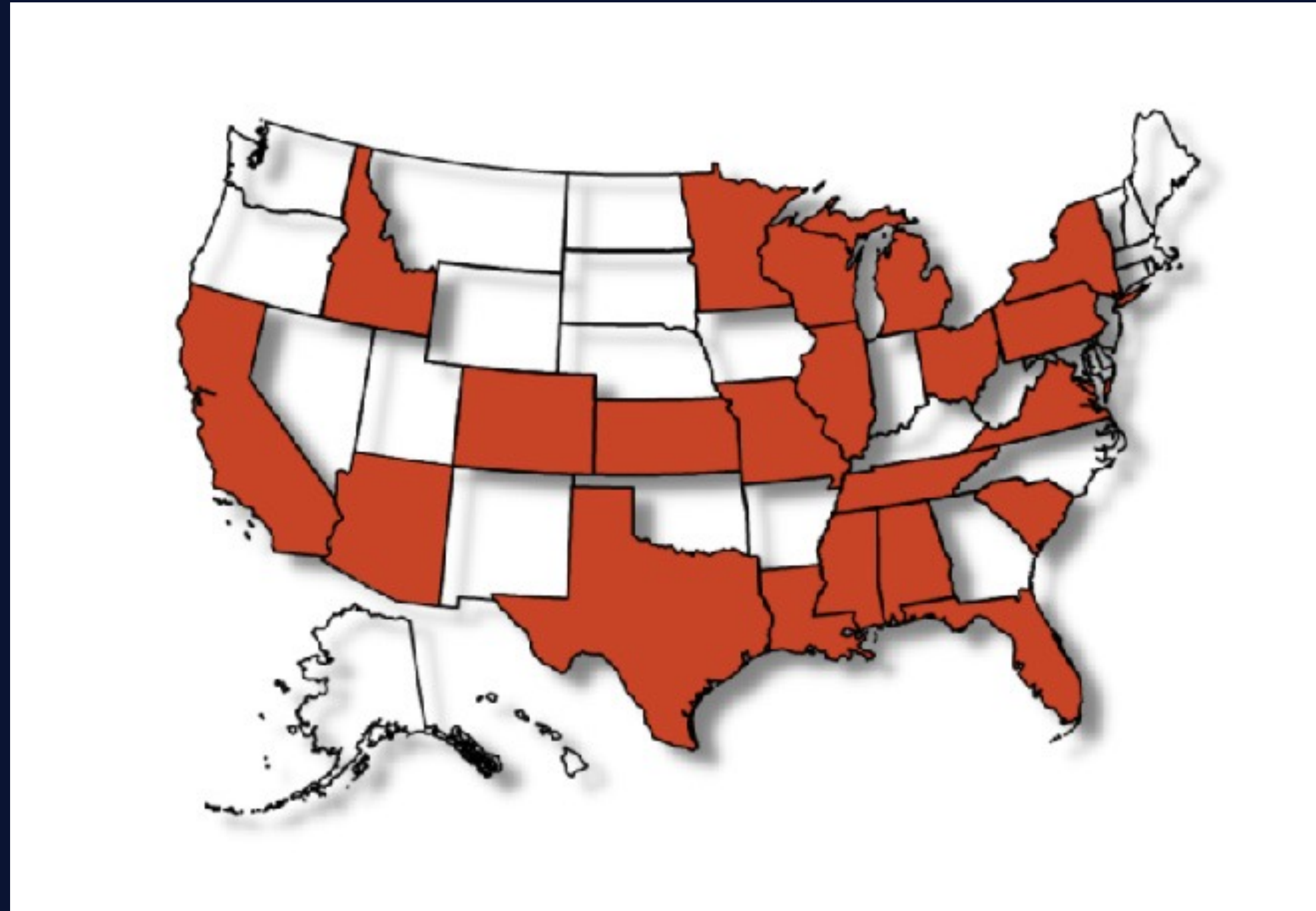
# CONNECTING COMPETITORS NATIONWIDE

We have seen a growth in our reach at each new competition. The diagram to the right highlights the states that have been represented in our competitions.

## Where We Have Been

As we continue to grow, we have expanded our competitions to multiple locations across the nation. A few locations have been:

- Auburn, AL
- Rocklin, CA
- Wichita, KS
- Troy, NY
- Cleveland, OH
- Philadelphia, PA
- Danville, VA







# PROJECT MFG CONNECT

Project MFG Connect is a wrap-around event to our competitions. These events allow us to expand our reach into the community and create valuable connections. During Project MFG Connect, depending on the community needs, we host a variety of educational and career opportunities including:

- Opportunities for students of all ages to learn more about manufacturing
- Opportunities to hear from local, state, and national agencies
- Career and job exploration for students and job seekers
- A location for local companies to showcase their current job needs and conduct onsite interviews







# CLASH OF TRADES MINISERIES

Clash of Trades is a web series reality competition show. The show puts a well-deserved spotlight on the skilled trades. Clash of Trades features students that are beginning their careers in the skilled trades. The teams have competed throughout the year and battled to be the final four competing in the national championship. Winners of the competition win cash prizes, tools and scholarships, along with grants for their schools. The 2022 series featured a grand prize of \$100,000 for the winning team.

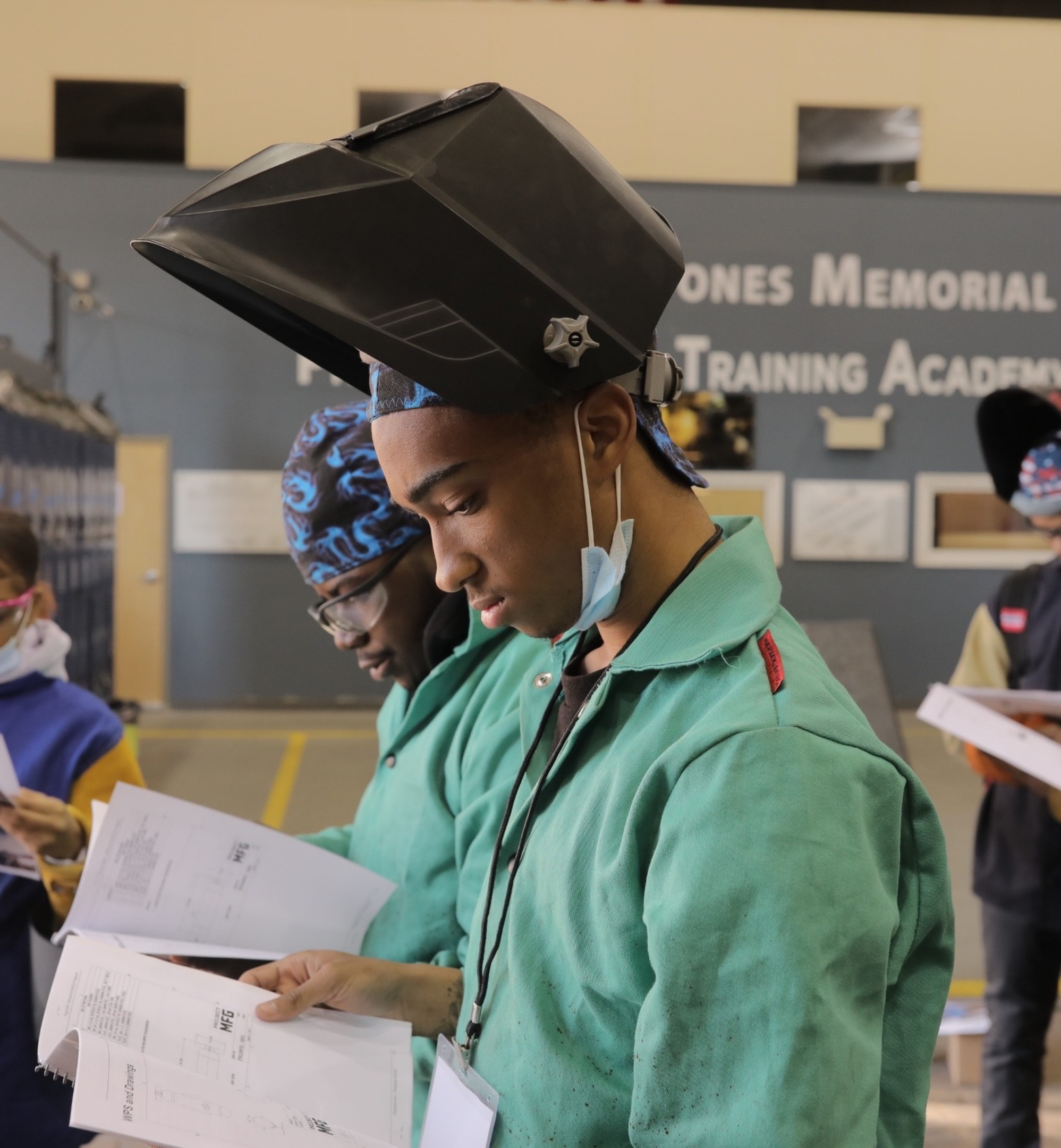




# COMPETITION

# IN-DEPTH REVIEW - Philadelphia





# **STUDENT** **INVOLVEMENT**

**32**

**Student competitors**

**80**

**Students participated in  
onsite interviews**



# PENNSYLVANIA WORKFORCE PIPELINE PROJECT CAREER DISCOVERY EVENT

Project MFG hosted its first maritime-focused welding competition at the Philly Shipyard Training Facility. In parallel, area students had the opportunity to gain experience and exposure during the Pennsylvania Workforce Pipeline Project's Career Discovery & Recruiting Event.





# CREATING COMPETITION & CONVERSATION

Over 32 student competitors competed in a welding challenge competition. During the competition break, speakers from local, state, and federal government; industry; and academia gathered and spoke to the students. The speakers included:

- U.S. Congresswoman, the Honorable Mary Gay Scanlon
- RADM Scott Pappano
- Mr. Matt Sermon, Executive Director
- Ms. Adele Ratcliff, IBAS Program Director
- Mr. Joe Barto, Chief Executive Officer and Founder, TMG, Inc.
- Mr. Randy McCullough, Chief Human Resource Officer, Rhoads Industries
- CTE program graduate and welder from DC Fabricators.

Each of them offered valuable insights on the current state of U.S. manufacturing and gave words of encouragement to the students.





# SHAPING THE FUTURE

This competition was held in conjunction with a Career Discovery and Recruiting event.

During the event around 80 students pursuing careers in disciplines such as welding, machining, fitting, and electricians, were in attendance to cheer on their schools and use the opportunity to interview with nine defense maritime sector employers supporting the Columbia and Virginia-class submarine programs.





# IGNITING PASSION

The event allowed opportunities to bring together students and industry leaders. This event helped ignite a passion in the next generation of skilled trades. Not only did the students get to showcase their skills, but they heard from top leaders about how their skills matter and will help America move forward.

RADM Pappano said; when he addressed the students, “all of you are doing something bigger than yourself.” He added, “We lack the people to build our Navy’s next-generation submarines and ships. We, as the U.S. Government, can buy all these weapons systems, but we can’t build them without the people. That’s why we need you right now.”







# **PROJECT MFG** **IN YOUR COMMUNITY**







# PROJECT MFG & YOUR COMMUNITY

After seeing the success and positive impact of the Pennsylvania Workforce Pipeline Project and Career Discovery Event, Project MFG wants to bring this to other areas in need. These competitions and events will:

- Be customized and tailored to the community's current needs
- Promote local career and technical education opportunities
- Highlight the community's economic development objectives
- Connect trained students and professionals with local manufacturers currently in need
- Foster conversation and ignite a passion to grow the local workforce





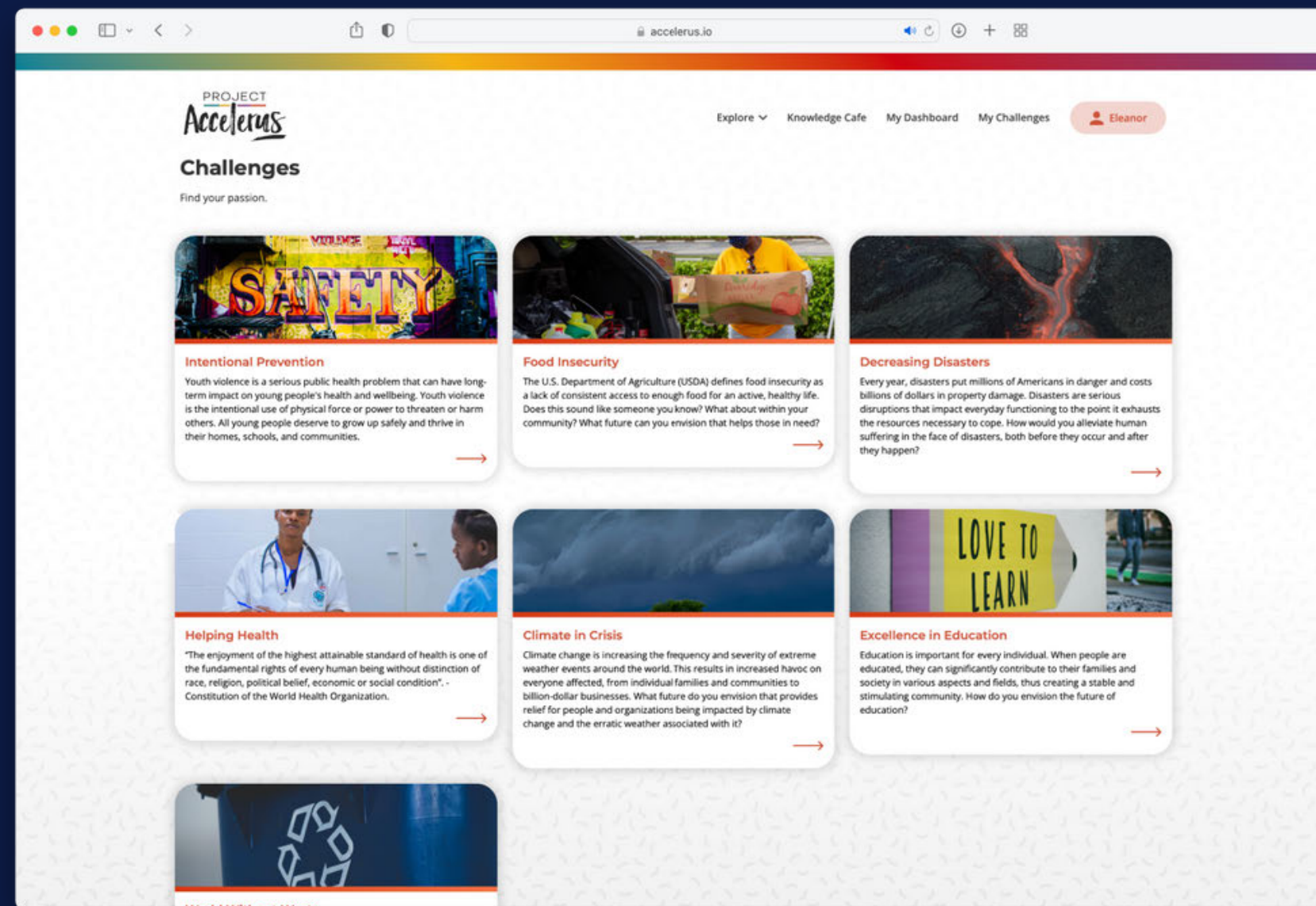
# **PROJECT** **ACCELERUS**





# PROJECT ACCELERUS

Project AccelerUs is a no-cost learning program that delivers a lifelong impact. The program is a cohort-based, real-world learning experience connecting with students through their passions while introducing manufacturing trades as a potential career choice.



## What is Offered

### No Cost

- No cost to schools or students
- Fundamental to mission of the Global Learning Accelerator

### Authentic

- Real-world issues
- Localized problem-based learning
- Students envision a future they desire
- Students work problems they identify and want to solve

### Access

- Proven pedagogy that has been tested globally
- Anytime, everywhere cloud-based learning platform
- Connectivity to global networks and subject matter experts

## The Outcomes Received

### Students

- Self discovery
- Authentic experiences working real-world problems
- New tools, skillsets, and a problem solving mindset
- Differentiation of experience with a portfolio of learning

### Schools

- Proven challenge-based pedagogy
- Access to real-world problems, communities of interest, and methodology
- Broad engagement through portfolio of challenges

### World

- A growing generation of Thinking Big and Being Bold
- Solutions and pathways to a brighter future for everyone
- Creative innovation against the hardest problems facing mankind



# PROJECT MFG

## READY TO LEARN MORE?

Contact us today to learn how you can bring Project MFG competitions and opportunities to your community.

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