



Catalyst Connection's Explore the New Manufacturing Program helps address a leading concern of manufacturing companies — finding skilled workers

Manufacturing Innovation Challenge

This research project brings together the brightest minds of tomorrow's workforce with local manufacturers to engage in hands-on, real-world innovation projects. A team of middle or high school students, working as outside consultants, develop a solution to the company's challenge in the classroom and then present it to the company.

Teacher Training

Catalyst Connection has designed and implemented a variety of ways for manufacturers to engage with teachers through professional development opportunities. The goal is to connect the school's STEM (Science, Technology, Engineering, Math) courses with manufacturing career opportunities. These programs have included training on Project Based Learning, tours of local manufacturing companies, advising on curriculum, and lesson plan development.

Student Video Contest

Regional middle school teams are paired with manufacturers to create a video with the theme, "What's so Cool about Manufacturing." Each video shows a true image of today's manufacturing from the perspective of young people to their peers, parents and teachers.

Apprenticeships and Internships

Apprenticeship and internship programs can be a great way to recruit young people to learn skills on-the-job. Catalyst Connection assists these manufacturers to leverage best practices for hiring and developing a qualified workforce. With the right tools, resources and skills, a manufacturer can become an Employer of Choice and be sought out by the top talent.

For More Information

More information about the Catalyst Connection Explore the New Manufacturing program is available at www.explorenewmfg.org

SPONSORED BY:



**CLAUDE
WORTHINGTON
BENEDUM
FOUNDATION**



Explore the New Manufacturing

Catalyst Connection is a private not-for-profit organization headquartered in Pittsburgh, Pennsylvania. We provide consulting and training services to small manufacturers in southwestern Pennsylvania, accelerating revenue growth and improving productivity. Through active collaboration with our clients and the manufacturing community at large, we contribute to the growth, vibrancy, and ongoing robustness of manufacturing in our region.

Catalyst Connection is supported, in part, by the Commonwealth of Pennsylvania, Department of Community and Economic Development, and by the National Institute of Standards and Technology's Hollings Manufacturing Extension Partnership.

To collaborate with other manufacturers and industry experts, visit www.MyManufacturingConnection.org



a NIST | Network
MEP | Affiliate

CATALYST CONNECTION™
Your Strategic Partner for Manufacturing Growth

2000 Technology Dr., Pittsburgh, PA 15219-3110
PHONE: 412.918.4300 FAX: 412.687.2791
TOLL FREE: 1.888.887.7472

A Pennsylvania Industrial Resource Center



www.facebook.com/catalystconnection



www.linkedin.com/company/catalyst-connection



www.twitter.com/MadeinSWPA



www.youtube.com/user/CatalystConnection

www.catalystconnection.org

