Ohio Manufacturing Institute

Purpose
Ohio Manufacturing Institute’s mission is to make the technical resources of higher education easily accessible to industry and to facilitate their use for economic development.

OMI provides manufacturers a quick and cost-effective mechanism to collaborate with Ohio State, including testing, development, applied research, training seminars, and manufacturing process support. Industry needs are teamed with university assets such as faculty expertise, student engagement, and access to university labs and test equipment.

Impact
OMI facilitates access to academic research facilities, faculty, and students, and has rapidly executable, no-nonsense contracts that make technical resources quickly available for manufacturing problem solving, or new technology assessment and development.

OMI connects manufacturers to key technologies, including:
- Welding and Joining
- Forming, Molding, and Machining
- Additive Manufacturing
- Process and Component Design
- Advanced Materials and Corrosion
- Computational Modeling and Simulation

A unique co-located internship program at OMI allows students to work for a company on a specific project and remain under the mentorship of university faculty. Students retain access to labs, equipment, and other university resources for the duration of the internship.

Impact
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Technology Transfer & Collaboration

Ohio State Colleges/Units Involved
College of Engineering
Industry Liaison Office
Interested Colleges/Units

Community Partners Involved
Ohio Development Services Agency
Ohio MEPs (Magnet, CIIF, APEG, FastLane, OH!Manufacturing, TechSolve)
JobsOhio
Columbus2020
Major state manufacturers

Contact
Kathryn Kelley
Program Manager
Ohio Manufacturing Institute
kelley.81@osu.edu
omi.osu.edu