

THE EWI COOPERATIVE RESEARCH PROGRAM GUIDE



EWI®

We Manufacture Innovation

Make the most of your benefits today!

Welcome!

We are excited to welcome you to the EWI Cooperative Research Program (CRP), and look forward to working with you.

Your entire organization now has access to our technical staff, facilities, and library research services. We can help you solve your toughest problems, deliver higher quality products faster, and gain the competitive edge in a rapidly changing manufacturing environment.

This easy-to-use guide is designed to help you take advantage of the benefits your participation offers, as well as connect you with any and all EWI tools and resources you require.

If you have any questions, please ask your EWI business development director or contact us at info@ewi.org or 614.484.7600.

A woman with dark hair, wearing a white lab coat and safety glasses with "EWI" on the side, is working on a piece of industrial machinery. She is looking down at her work. The background is slightly blurred, showing more of the industrial setting.

We look forward to working with you.



EWI Cooperative Research

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EWI – Helping industry leaders identify, develop, and implement the best technology solutions for their product applications since 1984.





Our Services

Since 1984, EWI's comprehensive engineering services have helped companies identify, develop, and implement the best options for their specific applications. Backed by unmatched professional expertise, state-of-the-art lab facilities, and technology resources, we offer customized solutions that deliver game-changing results.

ADVISORY SERVICES

EWI helps you IDENTIFY the best options to solve your challenge with advisory services from engineering experts with a broad range of technical expertise.

TECHNOLOGY DEVELOPMENT SERVICES

EWI has wide-ranging, in-house resources to DEVELOP the right technical solution for your application.

IMPLEMENTATION SERVICES

EWI can provide you with support to IMPLEMENT new processes through system launch and beyond.

PRODUCTION SUPPORT SERVICES

EWI offers PRODUCTION SUPPORT to qualify your materials and processes, guide your staff, and provide onsite assistance as needed to ensure high standards.

RESEARCH & CONSORTIA

Join one or more of EWI's RESEARCH initiatives to connect with pre-competitive R&D programs across industry, academia, and government.

TESTING & LAB SERVICES

With precision equipment and a world-class engineering team, EWI offers a full range of TESTING services. Our experts seek out the root causes for any findings to help you manufacture the highest quality product.

PROFESSIONAL TRAINING

An array of technical manufacturing training courses are offered by EWI. Classes are taught by EWI's expert engineers, and are designed to enhance technology knowledge, improve skills, and upgrade your company's internal expertise.

OUR CAPABILITIES

ADDITIVE MANUFACTURING ■ ADVANCED AUTOMATION ■ CORROSION & ENVIRONMENTAL ANALYSIS ■ DATA SCIENCE ■ MATERIALS ENGINEERING & INTEGRITY ■ METAL FORMING ■ NDE & INSPECTION ■ TESTING & LABORATORY SERVICES ■ WELDING & JOINING

INDUSTRIES SERVED

AUTOMOTIVE ■ AVIATION ■ CONSUMER & MEDICAL PRODUCTS ■ ENERGY
CONSTRUCTION, AGRICULTURE & RAIL ■ INDUSTRIAL PRODUCTS ■ SPACE & DEFENSE

EWI Cooperative Research Projects

As a participant in the EWI Cooperative Research Program, you gain exclusive access to approximately 5 yearly Cooperative Research Projects – funded and performed by EWI. Silver and Gold levels receive voting rights to influence technology development, as well as free copies of all final reports. All levels of CRP participants are the first to receive project report outs and can attend both in-person and virtual reporting sessions at no additional cost.



EWI Library Services

Our customer satisfaction
rate for library services is: **97%**



Anna Lottman,
Research Library Manager

Need a quick answer to a specific question?

Put our research librarians to work!

Whatever it is you are looking for, no matter how obscure, EWI librarians will help you find exactly what you need.

Our research experts have access to information resources that go far beyond our collection on the Online Portal.

***“The literature search was superb.
EWI’s librarians found things that
my library couldn’t find.”***

-Discipline Leader at a major oil company

Literature Searches and Retrievals

*Global content
at your fingertips*

EWI librarians access leading scientific databases, providing you with relevant abstracts for your research. When you request technical papers, we'll submit copyright royalties on your behalf – all covered under the CRP.

- EWI librarians sift through more than **30 million abstracts** to find the information you need
- Fast delivery of requested papers, usually sent electronically
- Do-it-yourself **24/7 Access** – Browse, view, and request from our selections of EWI publications and citations on the Online Portal





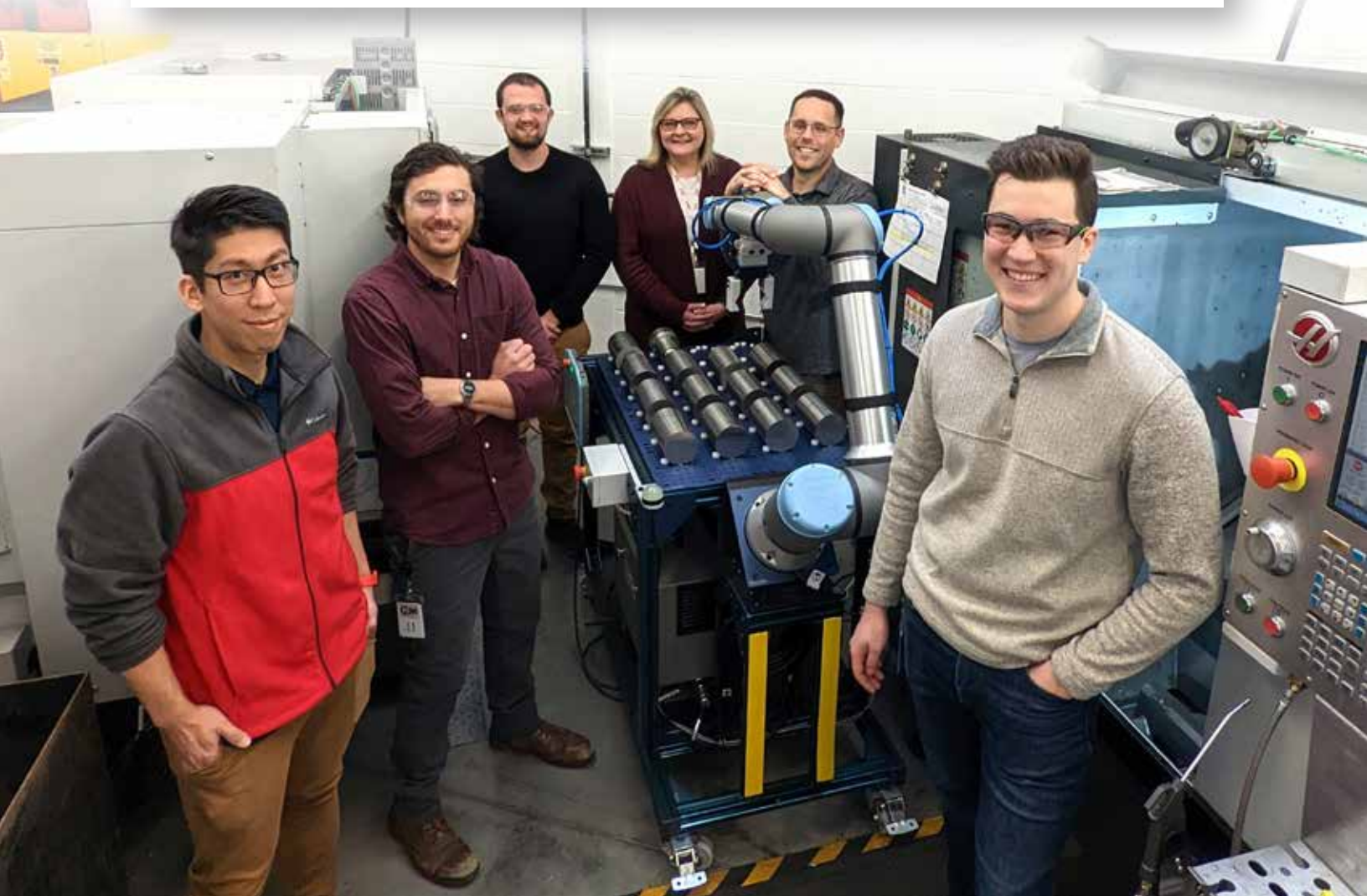
Technical Inquiries

Your direct link to the experts

**Do you have a pressing technical issue, unsolved problem, or challenging goal?
Our experts are here for you.**

As a CRP participant, you have access to 100+ engineers with expertise in materials, design, processes, methods, and advanced technologies used in the manufacturing industry. Discuss any issue, problem, or goal of your business, and save thousands of dollars a year by tapping into their expertise.

- Place inquiries anytime [via email](#), phone: 614.484.7600, or by completing the [Technical Inquiry form](#) on the EWI Online Portal.





Design Reviews

Your challenge, our team, together in one room

With an interdisciplinary team of experts on your side, we work to find solutions to your problems. Bring us your design question, production problem, or manufacturing process challenge, and we'll match you up to a team of some of the world's best engineers and technicians to help.

Each review consists of a face-to-face or virtual 4-hour consultation with engineers who are best suited to discuss your specific needs and provide confidential recommendations. We can help you with:

Manufacturing process evaluation

Material selection

Computational modeling

Equipment specifications

Fitness-for-service testing

In-plant assessments

REQUEST A DESIGN REVIEW NOW



Engineer Site Visit

*Reassess your procedures
and set up with insight from
a process specialist**

Take advantage of a full-day, on-site consultation from an EWI technical specialist. Services can include design reviews, process evaluations, manufacturing audits, and technical guidance. Following the visit, we provide a summary of findings, identified opportunities, and recommended next steps.



* Available at Silver and Gold levels

Exclusive CRP Communications



CRP Connect

CRP Connect is EWI's quarterly email newsletter for all participants in the Cooperative Research Program, providing a regular look at what's happening across the program. Each issue brings together updates on EWI technical work and research findings, highlights a CRP service or resource, shares relevant news, and provides a look at upcoming opportunities and events. *CRP Connect* is designed to help participants stay informed, make the most of their CRP membership, and engage with the research, services, and resources available through the program.



Cybersecurity Assessment

EWI Cooperative Research Program participating companies are eligible for a free Cyber Risk Assessment through the National Association of Manufacturers (NAM) Cyber Cover program. This complimentary service evaluates your company's vulnerability to identify weaknesses that could make you a target for hackers.

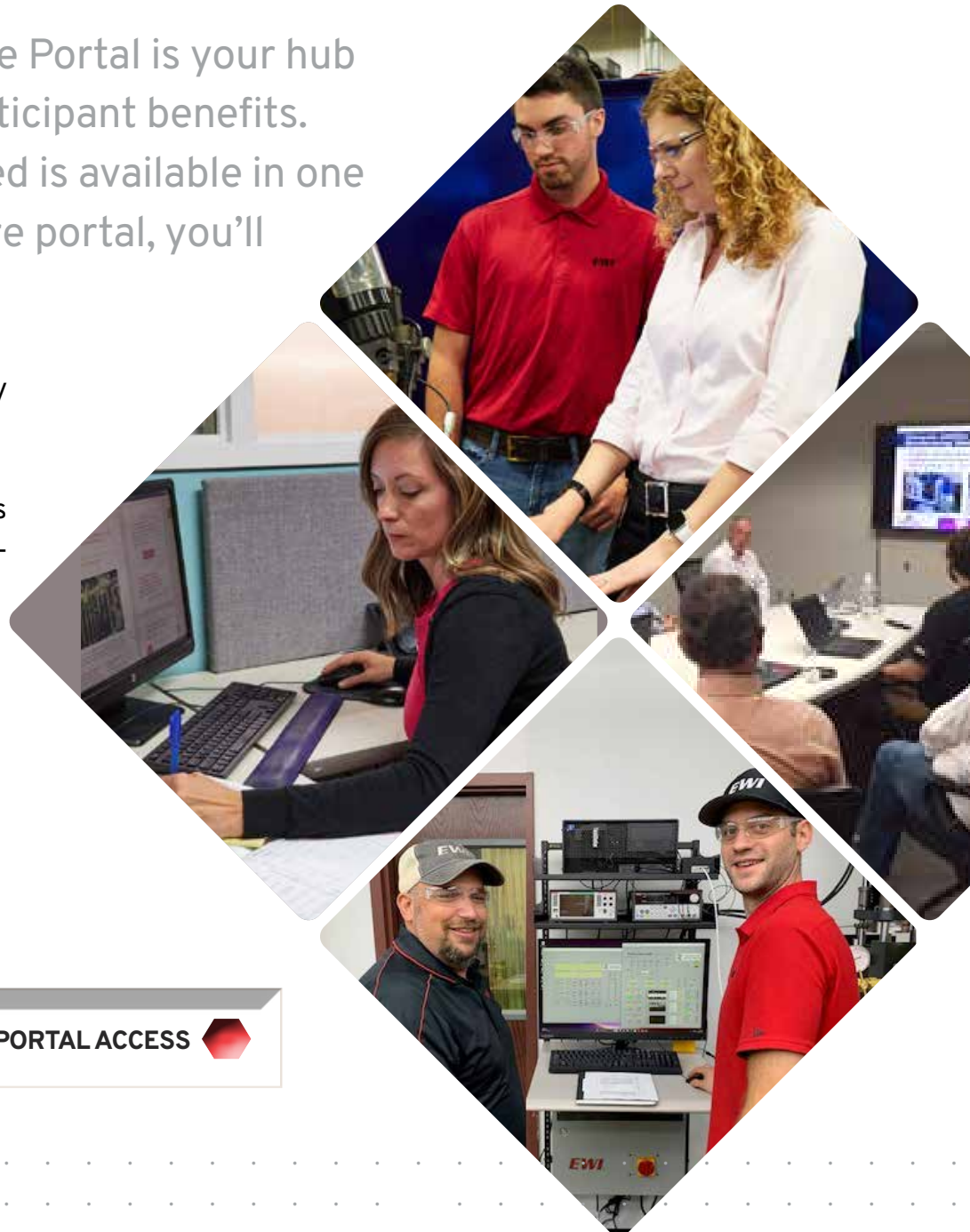


EWI CRP Online Portal

Your gateway to benefits

The EWI CRP Online Portal is your hub for all EWI CRP participant benefits. Everything you need is available in one place. On our secure portal, you'll have access to:

- The EWI Research Library
- In-person and virtual Design Reviews
- Technical Inquiry services
- Valuable CRP participant-only tools and research resources
- And much more



SIGN UP FOR EWI CRP ONLINE PORTAL ACCESS



Make the most of the EWI Cooperative Research Program!

CONTACT EWI TODAY



For immediate assistance, contact info@ewi.org or 614.484.7600



EWI WORLD HEADQUARTERS
Columbus, Ohio
614.484.7600

BUFFALO MANUFACTURING WORKS
Buffalo, New York
716.710.5500

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We Manufacture Innovation