CURRENT MEMBERS

ACRC members represent the full spectrum of organizations in support of the global foundry industry—primary producers, suppliers, end users, casters, system and component suppliers, service providers, trade associations, and national laboratories.

ABOUT WPI

The results-oriented collaborative of ACRC is supported by the strength of one of the best technological universities in New England. Worcester Polytechnic Institute is one of the nation’s earliest technological universities. Our renowned faculty lead students and industry partners in a number of cutting-edge research areas, resulting in breakthroughs and innovations in such fields as materials processing, biotechnology, fuel cells, information security, and nanotechnology.

WPI's education is distinguished by combining rigorous theory with practical experience, preparing members, faculty, and students to be innovative thinkers who can solve problems in the real world.
The best part of ACRC membership is networking with other members who are peers in metal casting. Next, is working with the staff and student project leaders at WPI. It’s all about working with knowledgeable and outstanding people in the industry and future leaders graduating from WPI.
—Russ Cochran, Boeing Research & Technology

ACRC is a community dedicated to alloy development and meaningful improvements in casting and related processes. We can apply the latest information to what we are doing today while pursuing new developments for the future. That means we can keep ahead of the pack, adding value both for our company and our customers.
—David Weiss, Eck Industries

As students going through engineering school, we were always looking for great projects. As business owners trying to solve our customers’ problems, we are always seeking solutions. The ACRC does an incredible job bridging these two spheres. Our membership has paid for itself many times over!
—Bob Logan, Palmer Foundry

Montupet has been a member for almost 10 years. During that time we’ve benefited from access to the most advanced research in the casting industry and networked with industry leaders, many of whom have become equipment suppliers. Perhaps most important, we’ve built cooperative programs within ACRC that have given us a competitive advantage. We look forward to building new partnerships and cooperative research programs in the coming years.
—Denis Massinon, Montupet

At the Advanced Casting Research Center we collaborate on research addressing the global foundry industry. We bring fundamental understanding to existing processes, develop new methods, and address management-technology interface issues with our industrial partners.

Members benefit from …

• having a voice in selecting quality research projects that help them solve today’s business challenges;
• leading-edge research in light metals, nonferrous alloys, and semisolid processing;
• networking globally with the best minds in the industry; and
• technical expertise and troubleshooting.

What Members Say

• submit and vote annually on research projects;
• network with global industry leaders;
• has royalty-free IP rights to pre-competitive research;
• may opt to sponsor company-proprietary research that remains exclusive;
• has access to findings from large-scale projects funded by the U.S. government or foundation grants;
• may recruit top students from various engineering disciplines;
• has access to all (past and current) ACRC technical reports;
• has access to all ACRC-related research projects with no overhead;
• has access to characterization facilities (SEM and XRD);
• may work with sister centers—The Center for Heat Treating Excellence (CHTE) and Center for Resource Recovery & Recycling (CR3)—broadening your understanding of what is going on in related fields from leading experts;
• consult with WPI faculty, which helps members get timely solutions to factory floor problems without additional cost; and
• sponsor student projects (senior thesis) and industrial internships

The Benefits of Membership

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