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 and most renown universities. Our faculty lead students and industry partners in cutting edge research, resulting in breakthroughs and innovations in such fields as materials processing, resource recovery and recycling, biotechnology, fuel cells, information technology and nanotechnology.

WPI’s education is distinguished by combining rigorous theory with practical experience, training innovative thinkers who can solve the complex problems of today.

wpi.edu/+acrc
ACRC DELIVERS RESULTS

What Members Say

“QuesTek receives tremendous benefit from our participation in ACRC. As a small business with limited internal R&D resources, the access to top-quality research through the students, the WPI faculty, and the projects is invaluable. The networking opportunities afforded by the biannual meetings have been fantastic, and have led to multiple commercial project opportunities for QuesTek. We look forward to continuing our relationship with ACRC and to building new partnerships in the years to come.”
—Jason Sebastian, QuesTek Innovations LLC

“The ACRC is a place where industrial experience and scientific research meet each other. It is also a great opportunity to meet and talk to companies in the American foundry industry.”
—Fabian Niklas, RHEINFELDEN ALLOYS GmbH & Co. KG

“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 over 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 semi-solid processing;
• networking globally with the best minds in the industry; and
• technical expertise and troubleshooting.

THE BENEFITS OF MEMBERSHIP

AS A MEMBER OF ACRC, YOUR COMPANY …

• submits and votes annually on research projects;
• networks 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 the Center for Resource Recovery & Recycling (CR3)—broadening your understanding of what is going on in related fields from leading experts;
• consults with WPI faculty, which helps members get timely solutions to factory floor problems without additional cost; and
• sponsors student projects (senior thesis) and industrial internships.