Join the ROSE-HUB at WPI

Are you interested in creating automation and using robotics to drive innovative and sustainable processes? Do you lack the resources or the broad expertise to solve the problems you have?

WPI's newest cooperative center, WPI ROSE-HUB, can help you use robotics to solve your toughest problems.

The National Science Foundation (NSF) Industry/University Cooperative Research Center (I/UCRC) on Robots and Sensors for Human Well-being (ROSE-HUB) increases the expertise and reach of industry/university collaborations while providing simultaneous cost savings. Research and development at WPI's ROSE-HUB is augmented by computing and data analysis, so the solutions developed here apply to challenges across industries.

As the only NSF I/UCRC focused on robotics and sensing, the multi-university ROSE-HUB gives partners access to vital resources and needed flexibility to improve processes and build networks around similar research.

What does the ROSE-HUB offer?

Expand Your Research and Development Efforts
Work with WPI to analyze problems and develop solutions relevant to many industries—including healthcare, material handling, transportation, manufacturing, energy, homeland security, and emergency preparedness and response.

Decision-making Opportunities and Collaborations
As a full member of the ROSE-HUB, you'll join our Industry Advisory Board and influence the research on which ROSE-HUB works. In addition to working with the WPI site, benefit from the complementary strengths of the other site universities and new perspectives for the concerns and problems you're addressing.

Valuable Resources
You'll form partnerships with faculty and student researchers, learn about their research activities, and work with their teams. These invaluable connections amplify your own research. You'll find a team ready to work on your problem and maybe even find a prototype or an idea that turns into a commercially viable product. The ROSE-HUB offers free licensing to members.

Ready-to-Hire Workforce
Student researchers lend their expertise to solving the problems you bring to ROSE-HUB. After graduation, they're seasoned experts familiar with your industry, your company's problem, and your team's specific process.

Lower Overhead
Each project budget is subject to an overhead of only 10 percent of the total cost. Remaining membership fees go straight into funding cutting-edge research projects. Additional NSF funding to ROSE-HUB supplements existing budgets.

It is suggested that full members pay $50,000 annually or a minimum of $35,000 annually.

Associate members pay less than $35,000 annually.

Interested in learning more about ROSE-HUB?
Contact Professor Jing Xiao, Site Director of ROSE-HUB at WPI, jxiao2@wpi.edu.