

# UNIVERSITY RESEARCH PROGRAM

TOYOTA MATERIAL HANDLING NORTH AMERICA

## ADVANCING THE SCIENCE OF MATERIAL HANDLING

Through the University Research Program, Toyota Material Handling North America (TMHNA) is seeking proposals that innovate and elevate the material handling industry. Many of the areas that our industry has been involved in include virtual reality/augmented reality, energy infrastructure, Internet of Things (IoT), Industry 4.0, ADAS systems and machine learning. Proposal themes related to the above areas are encouraged, but given the broad nature of material handling other themes are welcome.

The Toyota Material Handling North America University Research Program was created to drive the next generation of approaches and technologies for the entire material handling industry. The industry's end-to-end approach to provide complete solutions to customers that are smarter, more efficient and more effective has fueled this program.

The mission of TMHNA's University Research Program is to encourage professors and researchers to apply their knowledge of engineering and technical fields drawing synergies and collaboration between collegiate research and Toyota Material Handling North America.

Selected proposals will receive financial support of up to \$1 million dollars per year, and we anticipate multiple proposal finalists will be selected. Faculty that receive financial support through the University Research Program may be invited to renew the contract for up to three years based on the research outcomes.

### **SUBMIT YOUR PROPOSAL TODAY.**

[www.UniversityResearchProgram.com](http://www.UniversityResearchProgram.com)

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FOR MORE INFORMATION ON THE TMHNA UNIVERSITY RESEARCH PROGRAM, CONTACT US:  
[WWW.UNIVERSITYRESEARCHPROGRAM.COM](http://WWW.UNIVERSITYRESEARCHPROGRAM.COM)

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**ABOUT US:** Toyota Material Handling North America (TMHNA), the industry leader in forklift sales, is composed of three main group companies: Toyota Material Handling U.S.A., Inc.; Toyota Industrial Equipment Mfg., Inc.; and The Raymond Corporation. One in three forklifts sold in North America is either a Toyota or Raymond product. With more than 2 million square feet of manufacturing space, TMHNA is composed of four manufacturing plant locations: Columbus, Indiana; Greene, New York; Muscatine, Iowa; and Oakville, Ontario, Canada, that produce racking products and more than 1,500 forklifts per week. With an annual revenue of over \$3 billion, TMHNA has more than 10,000 people, 3 million service parts available and more than 300 dealer locations to support Toyota and Raymond customers throughout North America.

**CONFIDENTIAL AND PROPRIETARY INFORMATION:** Participants shall ensure that no confidential or proprietary information is included in submitted proposals. TMHNA will treat all information submitted in proposals as non-confidential and non-proprietary. The nature of the URP requires that submitted proposals be reviewed by TMHNA personnel, including TMHNA researchers, who will become knowledgeable of the information provided by the university researcher in the project proposal. During the evaluation process, TMHNA cannot maintain the confidentiality of information set forth in the proposals. Accordingly, TMHNA does not require, and does not desire, to receive any information that may be deemed confidential by the university researcher or the university.