

TOYOTA MATERIAL HANDLING NORTH AMERICA

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**INAUGURAL TOYOTA MATERIAL HANDLING NORTH AMERICA UNIVERSITY
RESEARCH PROGRAM FUNDS TOP RESEARCH PROPOSALS**

TMHNA UNIVERSITY RESEARCH PROGRAM RECEIVES OUTSTANDING RESPONSE FROM
UNIVERSITIES ACROSS NORTH AMERICA

COLUMBUS, Ind. — (Jan. 4, 2017) — In July 2016, Toyota Material Handling North America (TMHNA) announced the premiere of the [TMHNA University Research Program](#), a sponsored research program created to drive the next generation of technologies for the entire supply chain, logistics and material handling industry. The program received outstanding response, with application proposals from leading universities across North America.

After evaluating a competitive set of applications, TMHNA has selected three proposals to award funding:

**Applying Location-based Informatics, Simulation and Optimization Methods to
Forklift Driver Behavior, Congestion and Wireless Charging Studies**

Participating Universities: State University of New York at Binghamton; University of
South Florida

**The Impact of Emerging Logistics Paradigms on Material Handling System
Functional Requirements**

Participating Universities: Clemson University; Virginia Polytechnic Institute and State
University; University of California, Berkeley; University of Arkansas

Data-driven Failure Predictive Analytics for Internet of Things (IoT) enabled Service Systems

Participating University: University of Wisconsin-Madison

“These universities have presented projects that can help foster innovation for the growth of our industry and the warehouses of the future,” said Brett Wood, president and chief executive officer for Toyota Material Handling North America. “We look forward to seeing what this funding and collaboration will allow these universities to accomplish, and the positive impacts their research could have on driving the future of our industry.”

For more information about the TMHNA University Research Program, visit www.UniversityResearchProgram.com.

About Toyota Material Handling North America. (TMHNA)

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 1.5 million square feet of manufacturing space, TMHNA is composed of three manufacturing plant locations (Columbus, Indiana; Greene, New York; and Muscatine, Iowa) that produce 1,500 forklifts per week on average, with parts distribution locations in Syracuse, New York, and Columbus, Indiana, with more than 3 million service parts available. With an annual revenue of approximately \$3 billion, TMHNA has more than 8,000 people and more than 300 dealer locations to support Toyota and Raymond customers throughout North America.

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