



SUMMER 2017
**MECHANICAL
ENGINEERING**

IN THIS ISSUE:

Design-Build-Fly soars above Arizona desert; big test passed by Rose Grand Prix Engineering; the Human Powered Vehicle team turns heads down under; AI team earns spot in million-dollar challenge, and more ME News!



Design-Build-Fly = Research-Solve-Learn

“We learned 100 ways not to build an airplane,” said one team member. Together, they found the right way, meeting tricky design challenges through sustained teamwork.

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Solid Results for Rose Grand Prix Engineering

Endurance was the weak point for Rose GPE — no longer. The team has performed well in international competition.

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"Rose Pedal" Takes 1st and Makes a Splash Down Under

The Human Powered Vehicle Team engineered a victory in North America and a sensational debut in Australia. Here's how they passed the competition and peddled goodwill.

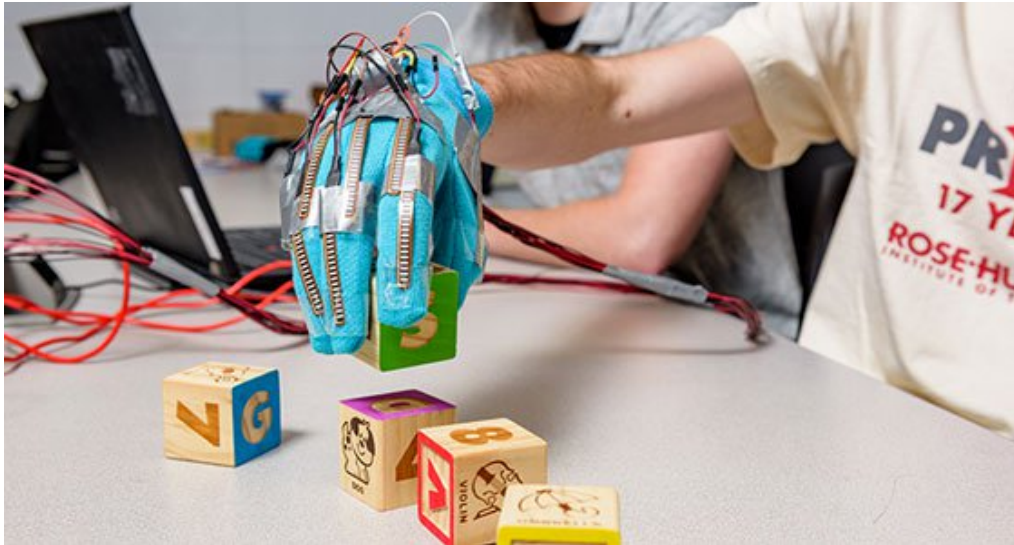
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RHEV Team Relies on Cross-Disciplinary Expertise

Going for super-high mileage, this team tackles challenges using an arsenal of ideas and expertise.

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AI Group Aims Big: Aid Humanity, Compete for Millions

This competition tackles the world's grand challenges, with millions of dollars on the line. A Rose-Hulman team is in the hunt.

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Taking a Deep Dive into Robotics

Robotics may be fun and games for some. To the Rose-Hulman Robotics Team, this is serious business. They're developing cutting-edge skills on land, sea and air.

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Ron Hofmann's Generous Soul and Tinkerer's Mind

Ron Hofmann leaves a lasting mark as he retires. For 17 years he set up, taught, tuned and tweaked. Read about the changes he's seen and his post-Rose plans.

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Inspire Tomorrow's Mechanical Engineers

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Student Drone Project

See what a few students are up to.

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Two of our students are pioneering life-saving drone technology designed to help first responders. See what they're doing and learn how you can help!

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CONTACT US

We welcome your feedback, so please don't hesitate to **contact our faculty and staff** with questions and comments.

HELP MOLD TOMORROW'S MECHANICAL ENGINEERS

Generous alumni enable us to support faculty and provide enriching opportunities for students. Help us by **making a gift to the Mechanical Engineering Department**. Please designate your gift to fund 12228 - Mechanical Engineering. To designate your gift to a specific competition team, please indicate the name of the team.

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"When you want to know how things really work, study them when they're coming apart."
~William Gibson