

The Learning Factory



Capstone Design Project Showcase at the Penn State Bryce Jordan Center

AN AWARD-WINNING PROGRAM WITH AWARD-WINNING FACULTY—Recognized as an undergraduate education program designed to create leaders in engineering by solving challenges posed by industry, The Learning Factory is a recipient of the Bernard M. Gordon Prize presented by the National Academy of Engineering, the *Boeing Outstanding Education Award*, and the *American Society of Mechanical Engineers Curriculum Innovation Award*.

MISSION

Our mission is to help bring the real-world into the classroom by providing engineering students with practical hands-on experience through industry-sponsored capstone design projects.

INDUSTRY INVOLVEMENT

Industry involvement is essential to the success of the Learning Factory. This program was instituted at the urging of our industry partners, who recognize the need for graduates who are well trained in engineering fundamentals, as well as professional skills to effectively compete in today's market place. Students are trained in skills such as teamwork across engineering disciplines, project management, communication and design. This year we will complete over 200 projects for over 100 different sponsors.

Mary I. Frecker, Ph.D.

Director, The Learning Factory

The Pennsylvania State University

314D Leonhard Building

University Park PA 16802

814-865-1617

mx36@psu.edu

WWW.LF.PSU.EDU



INTERESTED IN LEARNING MORE?

Industry representatives are invited to attend the College of Engineering Design Showcase on December 12, 2013.

When: December 12, 2013, 10:30 a.m.—3:30 p.m.

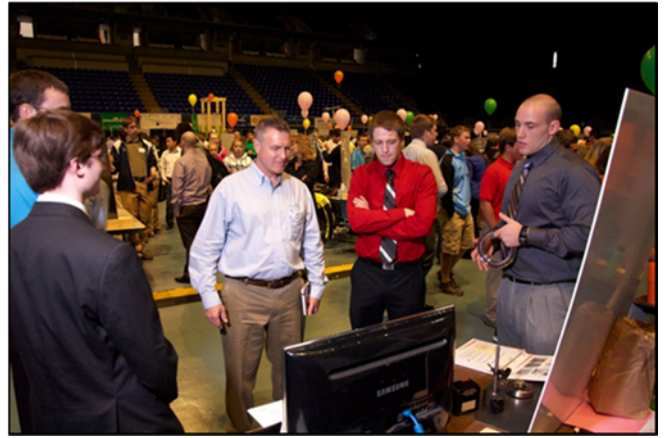
10:30 Meeting with current project sponsors

11:30 Lunch with current project sponsors and Penn State faculty

1:00-3:30 Design Showcase

Where: Penn State Bryce Jordan Center

The Design Showcase features current projects on display in the main gym of the Bryce Jordan Center. This event is a great opportunity to see the amazing things Penn State Engineering students can do.



INDUSTRY ADVISORY BOARD

The development of our facilities and curricula has been overseen and guided by our Industry Advisory Board (IAB). The board members come from a variety of industries and have generously contributed their time, money, guidance, equipment, mentorship, and student job opportunities to make this program a success.

AIR PRODUCTS



JOHN DEERE

BOEING

Armstrong



BAE SYSTEMS

HARRIS

ALL TRAFFIC SOLUTIONS



KYDEX

LOCKHEED MARTIN

TO SEE EXAMPLES OF PAST PROJECTS AND SPONSORS OR TO SUBMIT A PROJECT, PLEASE VISIT THE LEARNING FACTORY WEBSITE

[HTTP://WWW.LF.PSU.EDU](http://www.lf.psu.edu)

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