

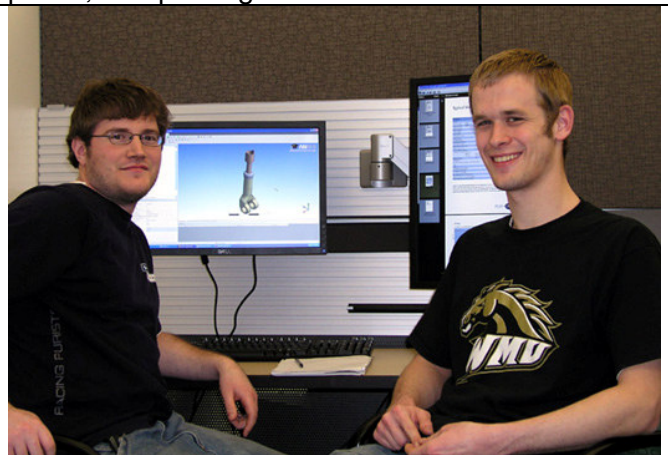
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On Tues., April 14 ... 69 seniors showcase their design projects

The 44th Conference on Senior Engineering Design Projects – set for Tues., April 14 at Parkview – features 69 projects by 180 seniors from seven CEAS departments. The 25-minute presentations begin on the hour and half hour between 8 and 4. No projects are presented from noon to 1 p.m. The free event is open to the public, and parking is available.



Nathan Urban and Brian Doorlag, mechanical engineering seniors, analyze an extendible prosthetic implant using finite element analysis (FEA) for their senior project sponsored by CEAS alum Nik Horsmon of Biomet Orthopedics in Warsaw, Indiana. Faculty advisor is Dr. Peter Gustafson. [11 a.m. in D-212]

Here is the schedule with **start** times:

- ▶ **Civil and Construction Engineering (CCE):** 34 students / 10 projects – 9 to 2:30 in D-204-5.
- ▶ **Computer Science (CS):** 13 students / 6 projects - 9 to 11:30 in D-210.
- ▶ **Electrical and Computer Engineering (ECE):** 22 students / 7 projects – 8:30 to 11:30 in D-208.
- ▶ **Industrial Design (ID):** 14 students / 14 projects – 8:30 to 4 in D-115.
- ▶ **Industrial and Manufacturing Engineering (IME):** 33 students / 10 projects – 8 to 1:30 in D-201, and 2 multi-disciplinary projects with MAE.
- ▶ **Mechanical and Aeronautical Engineering (MAE):** 48 students / 16 projects in concurrent sessions – 9 projects – 9 to 2 in D-109 and 7 projects – 9 to 2:30 in D-212.
- ▶ **Paper Engineering, Chemical Engineering, and Imaging (PCI):** 16 students offer 6 projects – 1 to 3:30 in D-208.

This semester's project sponsors include American Axle & Manufacturing, Armstrong



Joe Schneider, Jim Callan, Okwui Atueyi, and Jon Engels work on a three-wheeled electric vehicle they designed with faculty advisor Dr. Pavel Ikononov. [9:30 a.m. in D-201]

International, Battle Creek Area Habitat for Humanity, Biomet Orthopedics, CSM Group, DENSO North America Foundation, Eaton Aerospace, Eaton Corp., Eliason Corp., Fabri-Kal, Graphic Packaging International, Humphrey Products, I.D. Systems Inc., Kapenga Design, Kellogg Co., Kelm Acubar, Michigan Department of Transportation, Michigan Biodiesel, Midwest Business Exchange, Miller-Davis Co., National Transportation Research Center, Inc., Noble Networks.net, Parker Hannifin Corp., Project H Design, Stryker Medical, Terra Trike, VSA Arts of Michigan, WACO Classic Aircraft Corp., and W.K. Kellogg Institute.

For more information, call Tamara Bergman at 269-276-3248. A complete schedule of project presentations is available at <http://www.wmich.edu/engineer/senior-design-conference.htm>

Send your thoughts or suggestions for future topics to the editor at jerrie.fiala@wmich.edu Thank you.