Welcome to the University of Wisconsin-Madison College of Engineering -
Future Engines and Their Fuels
ERC 2011 Symposium

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College of Engineering
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UW-Madison: A research leader

- Nearly $1 billion in research investments (2010)
- No. 2 ranking among all public universities (2010)
- CoE attracts more than $140 million annually

Research at the nanoscale

Converting sugars from cellulose into gasoline
UW - Madison

- 42,000 students
- Over 9,000 degrees granted each semester
- Over 160 Big Ten and WCHA titles in athletics
- Ranks 2nd in number of graduates serving in Peace Corps
UW-Madison College of Engineering

• Comprehensive research programs across the College
  – ~200 faculty active in >40 Research Centers

• Large undergraduate and graduate student populations
  – ~3600 undergraduate students
  – ~1500 graduate students
CoE: Strong industry connections

- 19 College consortia serve over 300 national and international companies

- Building on CoE research strengths
  - Energy
  - Power electronics
  - Engine Research
  - Nanotechnology
  - plus 15 more

E-Business Consortium serves 65 companies
Student organizations thrive

Challenge X
Hybrid Vehicle Competition

Clean Snowmobile Team:
National Champs, 2008, ‘09, ‘10

Engineers Without Borders:
Haiti, 2010
Engineering Grand Challenges
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