TTP Course Winter Q-2013
Transportation and Energy Journal Review

Course: TTP 289A-004; CRN 71871: (1 credit)
Room: West Village, 1605 Tilia, Room 1103
    Thursdays (Beginning January 9, 2013)
    12:10-1:00pm

Instructor: Joan Ogden (jmogden@ucdavis.edu)

What:
A weekly student / researcher / faculty journal review class where participants will read, discuss, and debate articles relating to energy and transportation. Topics will include biofuels, plug-in hybrids, battery electric vehicles, hydrogen, fuel cells, and carbon sequestration. Articles will be identified from the fields of (but not limited to): engineering, economics, environmental science, business, and policy. Articles will be chosen based on their ability to provide useful information, propose interesting concepts or even present controversial ideas/positions.

When/Where:
Room: West Village, 1605 Tilia, Room 1103
    Thursday 12:10-1 pm

How:
The first several articles will be identified at the initiation of the course. Each article will be ‘facilitated’ by a different participant each week. Participants will be encouraged to suggest articles for subsequent discussion.

Course Requirements:
This course is available for credit or P/NP. All participants will be required to lead a journal discussion. Those students taking the course for credit will also be required to write up a review of the article they lead (a ppt presentation will suffice).

Contact Information:
Prof. Joan Ogden (jmogden@ucdavis.edu) 530-752-2768
Sample Topics for Consideration: Bring Your Own Suggestions!

**ENERGY CONSUMPTION**


**ENERGY EFFICIENCY**

**CLIMATE CHANGE AND ENERGY TECHNOLOGY**


**BIOMASS ENERGY**
Robertson et al., Sustainable Biofuels Redux, SCIENCE VOL 322, 3 October 2008, p.49

**Choices: A publication of the Agricultural & Applied Economics Association.** Special Issue on Agriculture and Biofuels Issues: Cellulose, Greenhouse Gases, and EU and U.S. Policies (Wallace E. Tyner, Guest Editor)
- Theme Overview: Agriculture and Biofuels Issues: Cellulose, Greenhouse Gases, and EU and U.S.Policies (Wallace E. Tyner)
- Ethanol Policy Analysis—What Have We Learned So Far? (Farzad Taheripour and Wallace E. Tyner)
- Food or Fuel? Choices and Conflicts (Thomas E. Elam)
- Cellulosic Biofuels: Are They Economically Viable and Environmentally Sustainable? (Madhu Khanna)
- Consequences of EU Biofuel Policies on Agricultural Production and Land Use (Martin Banse, Hans van Meijl, and Geert Wolter)

**HYDROGEN AND FUEL CELLS**


**PLUG-IN HYBRID VEHICLES**
Better Place, Electric Vehicles: Shai Aggassi (webcast) http://www.iop.harvard.edu/Multimedia-Center/All-Videos/The-Future-of-Transportation-Ending-our-addiction-to-Oil
