Sustainable Transportation Energy Pathways Program
Research Seminar
TTP 289B-004
CRN: 71878 (1 S/U graded credit)

When: Tuesdays (Beginning January 7, 2013), 12:10-1:00pm
Where: West Village, 1605 Tilia, Room 1103

Instructor: Prof. Joan Ogden

**What:** A weekly seminar for NextSTEPS graduate students to present their research projects within the NextSTEPS program and establish a research/thesis plan. Students will prepare and present their ongoing results and/or research plan to the seminar for discussion and to solicit ideas.

**Who:** All graduate students who are actively participating in the NextSTEPS research program are expected to attend. Other graduate students working in energy and transportation topics are also invited to enroll.

**Seminar/Meeting Goals:**
1. For researchers to present their research to the NextSTEPS group in order to share research and receive feedback.
2. For graduate student researchers to write and/or update a top quality research plan to share with the NextSTEPS program participants.

**Goal at the end of the quarter:**
For 2nd year students and above: a well-written research plan and thesis outline. For 1st year students: research proposal and a good sense of what's going on in the group, and what is expected of graduate researchers.
Research plan outline:

1. Continuing research plan description
   a. Statement of the research questions/problems you will be addressing.
   b. Overall goal of the research

2. Expected contributions to the program
   a. Include expected methodological, theoretical, or empirical contributions.
      (How is your research original, and why it might be valuable)
   b. How does your research fit in with the overall H2 Pathways program?

3. Research Methodology
   a. What types of methods, programs, and/or analysis you will be using in your research

4. Literature review
   a. This can be either base on the papers/books you have reviewed or intend to review
   b. If you have neither of the above, list the topic areas of the literature you intend to review

5. Timeline and Deliverables
   a. What are the major tasks for your research and when will they be completed?

6. Interim publications
   a. List of paper titles you will develop during your program. If known, a list of journals and/or conferences you intend to target.

7. Interaction with other researchers
   a. Who will you be working with and how will there research complement or integrated with yours.

8. Personal Education Plan (as it relates to the research)
   a. List of courses and knowledge areas you will need in order to complete your dissertation

9. List your advisors and what role each one will play in your research. Include knowledge contacts.