Beckman Seminar Fall 2012, MCDB 194KF – Science for the Common Good
Fridays, 200-350 PM, Marine Biotech (Bldg 555), Room 3103

Oct 5 – Introductions, overview of the course and final project; class will attend a seminar on mentoring, presented by Prof. Catherine Murphy (U Illinois Dept of Chemistry), at 300 PM.
Assignment #1, due by Oct 12: carry out a search to identify examples of individuals or organizations that exemplify “Science for the Common Good.” See details in Course Expectations.

Oct 12 – Discussion of assignment #1 and strategies for the Final Project due Dec 7 (see Course Expectations). Confirm intention to attend Dr. Gupta’s talk on Sunday Oct 21.

Oct 19 – Science and the Media (Kathy Foltz)
Assignment #2, due by Oct 26: identify an article about a “scientific finding” in the news media and write a short description following the prompts provided in Course Expectations. Post or link your article to the class website.

Sunday Oct 21, 3PM – A&L Lecture presented by Dr. Sanjay Gupta, MD, on Medicine and Media (optional) You must purchase tickets in advance through A&L; location of event is Campbell Hall. Students attending will have the opportunity to meet briefly with Dr. Gupta backstage after the talk. Confirm that you will attend by Oct 12th.

Oct 26 – From Lab to Real World Solution: Portable Water Sanitation
Guest Speaker: Ning Jiang (Bren School). Follow up discussion on Science and the Media; discussion of student-selected news articles (Assignment #2) and of Dr. Sanjay Gupta’s talk.

Nov 2 – Science Policy and Politics
Guest Speaker, Meredith Murr, PhD, Director Research Development, UCSB.
Assignment #3, due by Nov 16: identify a valid example of dual use research and write a short description following the prompts provided in Course Expectations.

Nov 9 – Dual Use Research (Kathy Foltz)
Science Outreach and Education
Guest Speaker: Ryland King Environmental Education for the Next Generation (EENG)
Student Host: Carolyn Mills.

Wednesday Nov 14 (11-12, MRL 2053) – Guest Speaker: Prof Linda Columbus (U of Virginia, Department of Chemistry) will be giving a BMSE research seminar titled: Structure, Folding and Functional Studies of Opacity-Associated (Opa) Proteins from Neisseria gonorrhoeae (optional)

Wednesday Nov 14 (3-5PM, Elings Hall 1605) – Teaching and Research: A Symbiotic Relationship (Prof Linda Columbus); Student Host: Maia Kinnebrew

Nov 16 – No class (Wed, Nov 14 meeting instead)
Post Assignment #3 on line to Gaucho Space Dual Use Research Forum.

Nov 23 – Thanksgiving Holiday

Thursday, Nov 29 (7-8PM, UCEN State Street Room) Dr. Indi Trehan, MD, Washington University School of Medicine Dr Trehan will give a talk for UCSB Honors Association, Pre-Health Professions and Beckman Scholars Program titled: Issues in Public Health (optional).

Nov 30 – Research and Public Health in the Developing World
Guest Speaker: Dr. Indi Trehan, MD. Student Host: Madison Cornwell
Discussion of Assignment #3 papers/topics.
Assignment #4 due in class (see Course Expectations).

Dec 7 – final project paper due (upload to Gaucho Space); presentation of final projects