

SYLLABUS FOR ARE 298 SECTION 16

Interdisciplinary Graduate Seminar, Fall 2002

Population, Poverty & the Environment

Class Meets: Wed. 2:00-4:00, 201 Giannini Hall, 2 credits

Web Site: <http://are.berkeley.edu/~barham/ARE298/index.html>

OR

go to www.are.berkeley.edu and click on course home pages

Contributing Faculty

Martha Campbell	campbell_mm@yahoo.com
Andy Gutierrez	carpediem@nature.berkeley.edu
Alain de Janvry	alain@are.berkeley.edu
Ron Lee	rlee@demog.berkeley.edu
Robin Marsh	rmarsh@nature.berkeley.edu
Malcom Potts	potts@socrates.berkeley.edu
Pedro Sanchez	psanchez@nature.berkeley.edu
Kirk Smith	krksmith@uclink.berkeley.edu
Julia Walsh	jwalsh@socrates.berkeley.edu
David Zilberman	zilber@are.berkeley.edu

Faculty Office Hours: please make appointments by email

GSI: Tania Barham (barham@are.berkeley.edu)

Lecture Topics

August 28: Course review and requirements. ([David Zilberman and Robin Marsh](#)). Introductory Lecture: The Population-Development Debate:How/Does Population Growth Matter for Poverty and the Environment? (Lecturer: [Ron Lee](#))

September 4: Fertility, Development, and the Politics of Population (Lecturer: [Martha Campbell](#), Discussant: [Robin Marsh](#))

September 11: Population Dynamics and the Demographic Transition (Lecturer: [Ron Lee](#), Discussant: [Malcolm Potts](#))

September 18: Population, Food Production and Hunger (Lecturer: [Pedro Sanchez](#), Discussant: [Julia Walsh](#))

September 25: Population Impact on the Environment: A Factor Amenable to Change (Lecturers: [Malcolm Potts and Julia Walsh](#), Discussant: [Alain de Janvry](#))

October 2: Population, Technology and the Environment: Poor vs. Affluent Countries (e.g. agricultural intensification, energy efficiency) (Lecturer: [David Zilberman](#), Discussant: [Martha Campbell](#))

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October 9: Guest lecturer, [Tamara Fox](#), Population Division, Hewlett Foundation / student presentation of research ideas.

October 16: Models of Population Dynamics and the Earth's "Carrying Capacity": Renewable and Non-renewable Natural Resources (Lecturers: [David Zilberman with Andy Gutierrez](#), Discussant: [T.N. Narasimhan](#))

October 23: Risk Management: An Interdisciplinary Approach for Assessing Environmental and Health Impacts of Pollutants (Lecturer: [David Zilberman](#), Discussant: [Tom McKone](#))

October 30: Environmental and Health Impacts of Development (Lecturer: [Kirk Smith](#), Discussant: [Dan Kammen](#))

November 6: Environmental Impacts of Neglect (e.g. migration, erosion), and Institutions that Mitigate Resource Degradation Outcomes (Lecturer: [Alain de Janvry](#), Discussant: [Kirk Smith](#))

November 13: Poverty – Environment/Resource Degradation Linkages (Lecturer: [Alain de Janvry](#), Discussant : [Julia Walsh](#))

November 20: Key issues in Assessing the Impact of Population Growth on Poverty and the Environment (Lecturer: [Ron Lee](#), Discussant: [Margaret Taylor](#))

November 27: Student presentations.

December 2: dinner and evening of student presentations at Faculty Club

December 4: Wrap-up student discussion plus presentation of Population-Environment Review Paper (future research needs) ([Robin Marsh](#), [David Zilberman](#), [Tania Barham](#))