

Special Topics Syllabus: **Bioneers Sustain (Bioneers Sustainability Conference)**
October 14-16, 2005

Professor: Lynne H. Goodhart
Utah State University
Logan, Utah 84322-5249

Registration for Credit

Students in regular matriculated programs on campus: Register for: SEC 002 CRN 50397 (course reference or index number) ENVS 4950. 1 credit. You must go through registrar's office. Course approval forms available there or from instructor, Lynne Goodhart, at conference, or before conference in Rm 201, NR. Description of work follows.

For Professional Credit (or attendees with undergrad degree, non matriculated)
Extension registration. Must pay recording fee, \$15 per credit. For one credit, register for: ENVS 4950 sec code L02, CRN 50281. (course reference or index number) For two credits, sign up for: ENVS 6900 sec code :L01 2 CR , CRN 50392. Description of work follows. Course approval forms available from instructor, Lynne Goodhart, at conference.

Introduction

The Bioneers Conference assembles annually leading social and scientific innovators to share visionary and practical solutions for restoring the Earth. With its focus on tangible strategies and multidisciplinary programming, the conference provides scientists, farmers, educators, policy makers, professionals, students and concerned citizens the unique opportunity to share information, cross-pollinate ideas, and forge new alliances and contacts. By promoting interdisciplinary approaches and featuring a high caliber of speakers, the Bioneers Conference has achieved renown as one of the nation's foremost environmental gatherings. Utah State University is honored to be one of the 15 sites around the country to host Bioneers.

Purpose of Course

The purpose of this conference is to communicate practical and visionary solutions for our most pressing environmental and social challenges.

Goals/Objectives

- (1) To engage and catalyze community, teachers, and student leaders.
- (2) To equip conference participants with the tools and resources to meet our most pressing environmental and social challenges.
- (3) To connect with the community and its environmental and social issues
- (4) To provide inspiration and education geared to taking action and catalyzing wider citizen participation.
- (5) To promote a more just, humane, and authentically sustainable society.
- (6) To promote the restoration of our imperiled ecosystems.

Course Description

Presentations, assignments, and student activities are planned to promote sustainable living. Students will be given information and assignments that allow them to integrate all of the parts of the course into their own idea of what sustainable living means to them. Along with the concepts, ideas, and opinions about different aspects of sustainable living, this course will guide students toward a sustainable way of life.

Learning Outcomes

Increased knowledge and understanding of practical solutions for restoring the Earth and people, and why it is important to have a humane and sustainable society. Appreciation of human beings' capacity to change and reinvent our culture very rapidly.

As a result of the conference activities, participants will be given the opportunity to develop skills and abilities in critical thinking, problem solving, communication skills, and practical skills that can be applied to their individual lives.

Topics Covered in Conference

Keynote Speakers

Dr. John Ikerd “ Your Food Systems: Are they secure?”

Chip Ward “ Hope’s Horizon: Making Habitats Whole”

Plenary Speakers

1. Janine Benyus: “What Life Knows: New Ideas from Biology that Could Change the World”
2. Wil Bullock: “ You Are Where You Eat: Growing Urban Food and Community”
3. Vyacheslay Trigubovich: “From Russia with Snow Leopards: The Future of Wilderness Protection”
4. Bill McKibben: “”Global Warming: A Climate of Fear and Opportunity”
5. Diane Wilson: “ An Unreasonable Woman: Unreasonableness and Where it Gets You”
6. Jeremy Narby: “Intelligence in Nature: A Predator’s Inquiry”
7. Carolyn Raffensperger: “Bold Precaution: The Precautionary Principle Gains Traction”

8. Omar Freilla: “Greening the Inner City: Jobs, Health, Justice, and the Environment”
9. Thom Hartmann: “Beyond Framing: How Deep Neuro-Linguistic Programming Communicates”
10. Rha Goddess: “Who’s Got Next? Cultivating Feminine-Centered Leadership in a Hip-Hop Era”
11. Michael Ableman: “Field of Plenty: “A Farmer’s Journey to the Frontiers of American Agriculture”
12. Ohki Simine Forest: “Return of the Ancient Council Ways: Indigenous Survival in Chiapas”
13. Andy Lipkis: “Restoring Los Angeles: Healing the Nature of our Cities”
14. David Orr: “The Fifth Revolution: The Evolution of Ecological Design Intelligence”
15. Bernice Johnson Reagon: “And, there are those of us who straddle...”

Local Workshops

Session One: Friday, 2:45 (Choose One)

“Land Planning for Quality of Life” Rm 201; Chair, Leona Hawks; Presenters, Richard E. Toth, Laura Bohn, Joan Degiorgio

“Living Wage in Utah: Working for a Sustainable Economy”; Rm 303; Chair, Rob Morrison; Presenter, Robyn Lipkowitz

“The Future of Environmentalism: A Talk Session”; Rm 203; Chair, Lynne Goodhart; Presenter, Chip Ward

“Air Quality Update in Cache Valley” Rm 305; Chair, Cindy Roberts; Presenters, Randy Martin, Grant Koford

“Practicing Voluntary Simplicity” Rm 307; Chair, Jack Greene; Presenters, Jennifer T Visitacion, Dave Christiansen, Maryann Christiansen

“Behavior Education for Human, Animal, Vegetation and Ecosystem Management”, Rm 309; Chair, Sheldon Atwood; Presenters, Fred Provenza, Bob Budd, Gregg Simmonds, Mark Kostler, Nicole McCoy

Session Two: Friday, 3:55-5pm

“Alternative Business Practices”, Rm 201; Chair, Carrie Wyler; Presenters, Denise Cerreta, James Haggerty and Bill Oblock

“Winds of Opportunity for Utah” (Renewable, Clean Energy), Rm 305; Chair, Catherine Logan; Presenters: Cathy Hartman, Ed Stafford, Sara Wright

“Sustainable Communities”, Rm 203; Chair, Jack Greene; Presenters, Joyce Popendorf, Tom Jensen, Mark L. Hilles

“We All Scream for Recycling: Involving our Neighbors, Friends and Community”, Rm 303; Chair: Jay Price; Presenters, Bill Rudy, Jay T. Price, Jill Fletcher, Carl Francis

“Preserving Critical Lands: The LESA Approach”, Rm 307; Chair, Jim Goodwin; Presenters, Christopher Sands, Douglas Jackson-Smith, Joe Fuhriman, Glen Busch.

Session Three: Saturday, 2-3:15 pm

“Café Feminino and A Bridge of Hope in Peru”, Rm 307; Chairs: Sally Keller and Sally Sears; Presenters, Sally Sears, Randy Wirth, Sally Keller

“Affordable, Green Design”, Rm 305; Chair, Leona Hawks; Presenters, David Hibberd and Dave Conine

“Sustainable Agriculture – Now More than Ever”, Rm 203; Chair, Jim Goodwin; Presenter, John Ikerd

“Biodiesel: The Clean, Green Fuel for Diesel Engines”, Rm 201; Chair: Kate Stephens; Presenters, Andre Shoumatoff, Bob Basham

“Effective Strategies for Working with Diverse Populations”, Rm 303; Chair, Linda Skogrand; Presenters, Linda Skogrand, Kim Datwyler, Adrie Roberts, and Ann Henderson

Assignments

For one credit, matriculated or professional:

Attend the whole conference, or a minimum of fifteen hours of presentations, dividing your time between national plenary speakers (about 60%) and local workshops. List sessions attended. In addition to attending the conference, write a two to three page double spaced response paper. You might include or list what you learned from plenaries and workshops: what new ideas, what new perspectives you gained. What were your

favorite presentations, and why? If you did not agree with some perspectives, say why you hold another view. Teachers and professionals, include a brief indication of how the conference materials can be used in your work or your approach to work.

For two credits, professionals and graduates only: (ENVS 6900 only)

In addition to the above, read either Chip Ward's book, Hope's Horizon, or Paul Hawken's book, Natural Capitalism.

Write a five page response paper including your brief resume of major points made in the book, and your response to them. Does the book contain important guidance for restoring the earth and living communities depending upon it? What struck you the most? What caused you to disagree? How can you use or apply the concepts presented?

Due date for papers:

Papers are due November 28, 2005, and can be sent on email