

Program for Crossroads of Earth Resources and Society
Vision Quest Student Research Symposium for Cal Day Saturday April 22

Earth and Planetary Science 170 AC and Letters and Science 170AC (American Cultures)

Room 60 Evans Hall and Nearby Hallways for Posters

Time: 9:00--12:30

University of California, Berkeley Campus

9:00-9:20 Overview by George Brimhall: Crossroads of earth resources and society today

9:20-10:40 Talks by Undergraduate Students

Zack Gainsforth: Bottling Energy (10 minutes) Poster 8

Mark Allen Piccolo: Ode to People at risk of being Forgotten (Song) Poster 32

Ross Diankov: Automating Society With Machines (10 minutes) Poster 14

Tei Newman-Lehman: Symbiosis: A More Conservative Approach to our Energy
Future (15 minutes) Poster 33

Nick Ragestar, Angelito Rivera, and Megan Votaw: Many Small Solutions to a Large
Problem (Song) Poster 30

Brent Dutra: Effective Means of Generating Electricity for Various Populaces (10 minutes)
Poster 9

Joshua Gustafson: There & Back Again, How to lower recidivism rates and begin to
address the problems caused by California's Overcrowded Prisons (15 minutes)
Poster 34

10:40-12:30 Posters by Undergraduate Students

Educational Foundations and Public Health Issues

1 Korey Kassir and Doug Deroy: Global Warming, Alternative Energy, and the Road
Ahead

2 Semra Hunter, Ida Momtaheni, Sian Bentson: Care, Know, Do

3 Lilly Aston: Educational Systems Forming Ideal Citizens

4 Meghan Keen: Education and AIDS in Kenya

5 Rachel Kennedy: Food Policy and Public Health

Atmospheric Emission and Global Warming

6 Ross Hollenkamp: The U.S. and the Kyoto Protocol

7 Mark Lambert: History of carbon credits and carbon credit trading, as well as the Kyoto Protocol

Novel Technological Strategies and Transportation Systems:

8 Zack Gainsforth: Bottling Energy

9 Brent Dutra: Effective Means of Generating Electricity for Various Populaces

10 Casey Wright: How will we survive in a post-peak oil world?

11 Christopher Ha: The Fuels of Tomorrow

12 Kelly White and Courtney Hart: Bio-diesel as Part of Sustainable Communities

13 Jason Ruggiero: Reinventing Nuclear Power

14 Ross Diankov: Automating Society With Machines

Culinary, Vita Cultural and Agricultural Uses of Land and Evolving Attitudes:

15 Chun-Yu Lee, Hee-Chan Cho, and Jay Park: Bridging the gap between food and its land source

16 Tanya Chapple: Wild Foods and the Promotion of Agricultural Biodiversity

Traditional Wisdom and Forgotten People

17 Christina David, Ida Dolatabady, and Max Jacobs: Holistic Farming for the Twenty-First Century

18 Alexis Wielunski: Black Mesa: Dine and Hopi Resistance and the Need for Self-Determination

19 Kevin Matthews: Auditory and Visual Merchandizing and Today's Luxury-Goods

Water Resource Issues, Land Ethic and Impacts on the Land:

20 Sarah Pine and Sylvia Sale: Blue Gold: Potential Solutions to California Water Mismanagement

21 Charles Paradis & Jonathan Yu: Something Stinks-How Americans value energy

Environmental, Social and Political Aspects:

- 22 Eugene Konagaya: The Foreseeable Energy Crisis: The Political and Economical Implications
- 23 Shantelle Despabiladeras and Minh-Chi Tran, "Losing Paradise"
- 24 Eric Griffin: Biotic Mining and Remediation-Mineral Recovery in Harmony with the Environment
- 25 Manu Gaur: Political changes needed for Conservation of energy in the future and the design and need for a public transportation system that replaces individual ownership of vehicles

Consumerism

- 26 C. C. Wishon: The high cost of textbooks
- 27 Joelle Birnberg: Slash and Burn Consumerism-How Your Choices Determine the Fate of the World
- 28 Justin Crigler: The Media and Nuclear Power

Response to Natural Disasters:

- 29 Elliot Schatmeier: New Orleans Action Plan: Rebuilding a City Without its People?

Conservation and Resource Management:

- 30 Nick Ragestar, Angelito Rivera, and Megan Votaw: Many Small Solutions to a Large Problem
- 31 Jonah Lipsitt: Origins of Paper

Posters for 15 minutes talks

- 32 Mark Allen Piccolo: Ode to People at risk of being Forgotten (Song)
- 33 Tei Newman-Lehman: Symbiosis: A More Conservative Approach to our Energy Future (15 minutes)
- 34 Joshua Gustafson: There & Back Again, How to lower recidivism rates and begin to address the problems caused by California's Overcrowded Prisons (15 minutes)