



# Sustainability at Lane

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**LACCD Summit, September 26, 2008**

# Agenda

- Lane Community College
- Sustainability at Lane
  - Operations
  - Learning
  - Sustainability as Learning Laboratory for Students
  - Recommendations

# Lane Community College

- 11,189 FTE
- 36,000 students
- 5 campuses
- Serves Lane County
- Main campus in Eugene, Oregon



# Sustainability at Lane

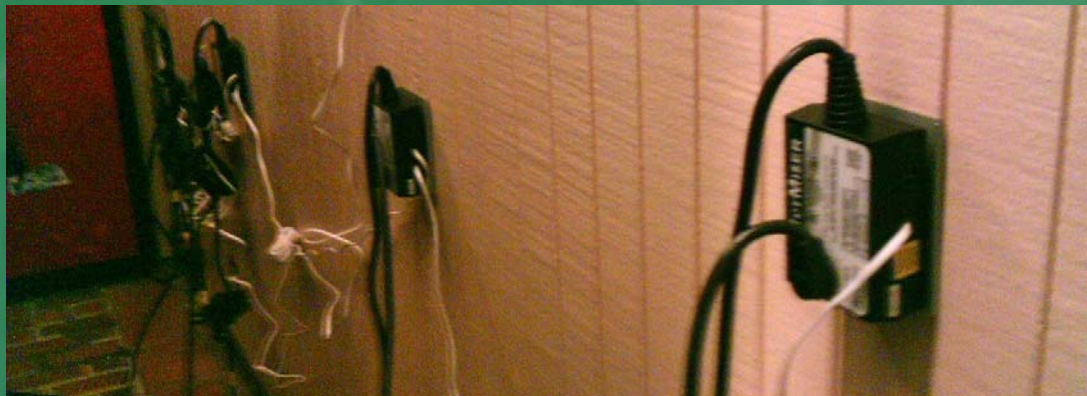
## Sustainability Core Value

- Integrate practices that support and improve the health of systems that sustain life.
- Provide an interdisciplinary learning environment that builds understanding of sustainable ecological, social, and economic systems, concern for environmental justice, and the competence to act on such knowledge.
- Equip and encourage all students and staff to participate actively in building a socially diverse, just, and sustainable society, while cultivating connections to local, regional, and global communities.

# Sustainability in Operations

## Energy Conservation

- Strategy to fund energy conservation and renewable energy
- Full-time energy analyst
- Annual decrease in energy use



# Sustainability in Operations

## Renewable Energy

- 10% electricity purchased for Eugene facilities is renewable energy from utility
- 25% electricity purchased for Cottage Grove facility is renewable energy from utility
- 20% biodiesel used in campus back up boilers
- 4.5 kW on-site solar electricity
- Ground source heat pump used to condition 4 small buildings



# Sustainability in Operations

## Recycling & Waste Prevention

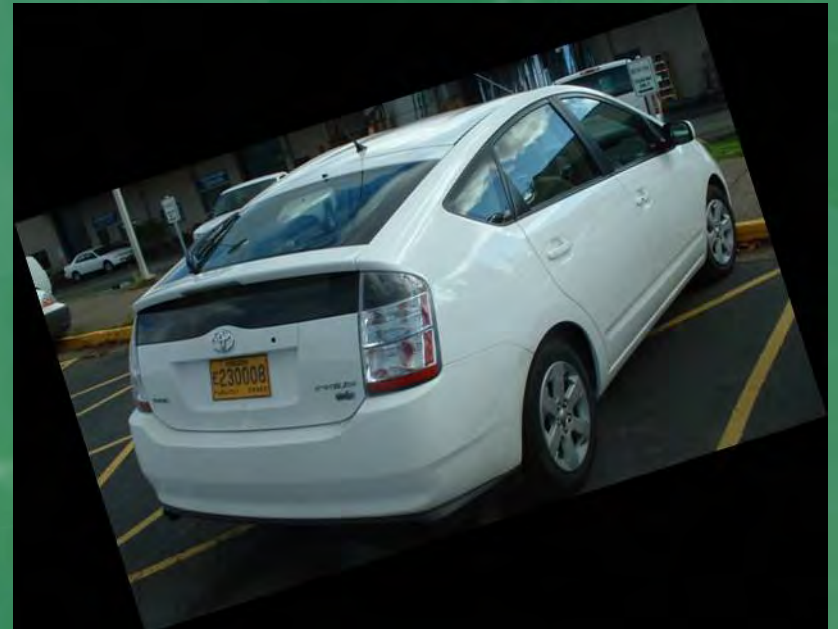
- Very high recycling and reuse rate – 61%
- Composting kitchen waste
- Focus on reuse – surplus property, office supplies, clothes



# Sustainability in Operations

## Transportation

- Transportation demand management plan, including “free” bus passes for students
- “Alternative” vehicles purchased for fleet



# Sustainability in Operations

## Other

- Green Cleaning products: Sustainable Earth
- No VOC paints, low odor markers, etc.
- Natural landscaping and minimal herbicide use
- Focus on sustainability in Foodservices (local, organic, reusable service ware)
  - Herbs, veggies, and fruits grown on campus used in campus kitchens



# Sustainability in Operations

## Future

- LEED Certified Health and Wellness Training Facility
- November 2008 Bond election to include renewable energy, sustainable infrastructure improvements, and construction to facility improved operations and education for sustainability
- Composting cafeteria waste

### Long-term goals:

- 100% Recycling rate
- All energy produced on site
- Carbon neutral

# Sustainability in Learning

## Sustainability Programs

- 2 year degree program in Energy Management
- 2 year degree program in Renewable Energy Technology
- 2 year degree program in Water Conservation Technology

# Sustainability in Learning

## Classes about Sustainability

- Intro to Sustainability
- Global Health
- Global Climate Change
- Environmental Science
- Global Ecology
- Forest Ecology (plus over 20 additional biology classes that address sustainability topics)
- Nature Literature
- Nature, Religion, and Ecology
- Environmental Politics
- Peace and Conflict Studies
- Intro to Environmental and Natural Resources Economics
- Introduction to Water Resources

And More!

# Sustainability in Learning

## Classes that infuse sustainability

- Organic Chemistry based in green chemistry
- Biodiesel testing in Diesel Technology
- Ethanol conversion and testing in Automotive Technology
- Math – probability and statistics
- ESL
- GED

And More!

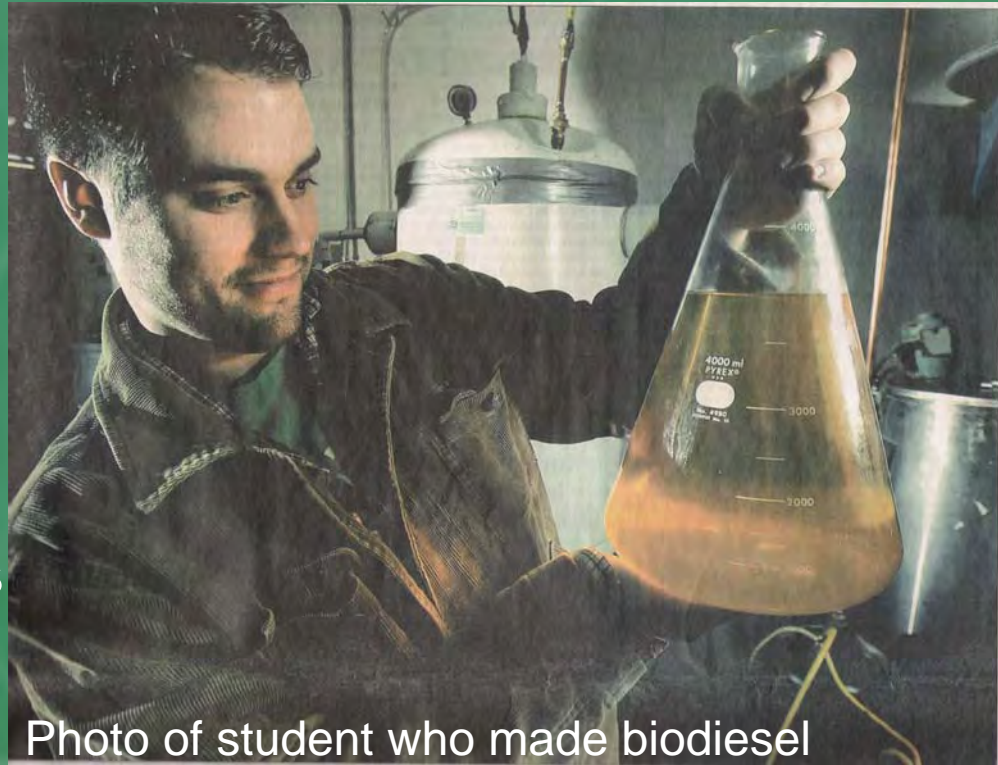


Photo of student who made biodiesel

# Sustainability in Learning

## Continuing Education Classes – this fall

- Gardening with Native Plants
- Permaculture: A guide to sustainable, self-reliant living



Other continuing education classes have included instruction on building a home rainwater harvesting system and installing a home solar system.

# Sustainability in Learning

## Other Opportunities

- The Local Food Connection
- Peace Conference
- Energy Management Certification
- Building Operator Certification
- Sustainable Building Advisor Certification





**The Lane Peace Center**  
Is Proud to Present the  
**LANE COMMUNITY COLLEGE  
PEACE & DEMOCRACY CONFERENCE**  
February 29 - March 1, 2008

### KEYNOTE SPEAKERS

**Medea Benjamin**  
Cofounder of Global Exchange & CODEPINK

**Bob Wing**  
Cofounder of **united for peace & justice**

The Lane Peace Center is committed to fostering peace in ourselves, our community, nation and world. We recognize that peace is rooted in social, economic, political, racial and environmental justice.

The annual conference will bring together educators, students, spiritual leaders, activists, community members, and political leaders dedicated to building a peaceful society and nation.

For more information and registration please contact:

**PeaceCenter@lanecc.edu**      **www.lanecc.edu/peacecenter**



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# Sustainability in Learning

## In the Future

- Sustainability Infusion Project
- Green Stamp Classes
- Sustainability Course of Study
- Science Sustainability Recognition Award
- Sustainability Coordinator AAS
- Sustainability literacy degree requirement

# Sustainability as Learning Laboratory for Students

- Organic Learning Garden
- Rainwater harvesting system installation
- Biodiesel processor
- Water retrofits
- Native landscaping
- Solar installations



# Recommendations

## Promote, promote, promote

“Promotion is to sustainability what location is to real estate”

Infuse sustainability into the fabric of the college

Do what you can

