

# ***BLUE AND GREEN TOGETHER***

Developing Sustainable Integrated Approaches to  
Green Technologies and Water Usage

*Green California Schools and Community Colleges*  
*October 30, 2015*

# Nancy Pearlman

Nancy Pearlman is an award-winning broadcaster, documentarian, environmentalist, educator and anthropologist dedicated to safeguarding the earth's ecosystems.

She currently is serving her fourth term as an elected official on the Board of Trustees of the Los Angeles Community College District.

Nancy has been recognized by the United Nations Environment Programme as a Global 500 Laureate among other awards and serves on numerous advisory councils and Boards of Directors for nonprofit organizations.

She is host and producer of the country's longest running environmental radio series, Environmental Directions, and the EMMY-nominated television series ECONeWS, and has produced over 2600 documentaries.

# Woodrow W. Clark II MA<sup>3</sup>, PhD

“Woody” Clark is an internationally recognized author, lecturer and advisor specializing in sustainable communities. He was a contributing scientist to the United Nations Intergovernmental Panel on Climate Change, an organization awarded the 2007 Nobel Peace Prize.

In 2004, he founded Clark Strategic Partners, a worldwide environmental and renewable energy consulting firm. His publications focus on global solutions to climate change.

He has served as Academic Specialist to the UCLA Provost Office; Senior Advisor to California Governor Gray Davis; Visiting Professor at Aalborg University, Denmark, where he was a Fulbright Fellow; and Manager of Strategic Planning for Technology Transfer at Lawrence Livermore National Laboratory for the University of California and the U.S. Department of Energy.

# Tim Oliver, MBA

- Founder & Executive Director  
Santa Barbara Institute of Leadership Studies
- Former Interim Vice Chancellor, Business & Fiscal Services  
San Bernardino Community College District
- Vice President Emeritus, Administrative Services  
Los Angeles Pierce College
- Former Vice President, Business Services  
Oxnard College
- 40 Years' Experience in Private Industry
- Managed \$2.0+ Billion in California Community College  
Capital Improvement Programs

# INTEGRATED MASTER PLANNING

- ✓ Correlated to Educational Plans
- ✓ Achieve or Exceed Accreditation Standards
- ✓ Meets Student, Faculty, Staff, Community Needs
- ✓ Meets Future Requirements
- ✓ Economically and Fiscally Viable

# INTEGRATED MASTER PLANNING

- ✓ Allocate sufficient funds for “hidden” improvements such as utilities, infrastructure, technology upgrades and regulatory requirements
- ✓ Capitalize on ALL funding sources including Prop 39, State Capital Outlay Funds, Grants, Foundations and Public-Private Partnerships

# INTEGRATED MASTER PLANNING

- ✓ Green / LEED Buildings
- ✓ Water Resources and Conservation
- ✓ Sewer, Wastewater & Flood Management
- ✓ Parking
- ✓ Landscaping & Irrigation
- ✓ Air Quality & Greenhouse Gas Emissions
- ✓ And much more !

# INTEGRATED MASTER PLANNING

## Water

- ✓ Water Quality
- ✓ Identify Water Needs
  - ✓ Drinking Water, Landscape Irrigation, Classrooms, Labs, Special Programs
  - ✓ Restrooms, Maintenance and Other



# INTEGRATED MASTER PLANNING

## Water

- ✓ Identify Water Resources
  - ✓ Public Utilities
  - ✓ Campus-based Water Wells
  - ✓ Rain Water Retention
  - ✓ Delivered Water

# INTEGRATED MASTER PLANNING

## Utilities

- ✓ Gas Resources
  - ✓ Public Utilities
  - ✓ Delivered Propane and LNG
- ✓ Electricity Resources
  - ✓ Public Utilities
  - ✓ Central Plants
  - ✓ Alternative Energy Solutions
    - ✓ Solar, Wind, Geo Thermal, Gas Turbine, Wind, Ice Chillers, etc.

# INTEGRATED MASTER PLANNING

EXPLORE

CREATIVE

SOLUTIONS

# Los Angeles Pierce College Aquatic Center

*2 Pools 100% Heated With By-Product Exhaust from  
Four (4) 30kw Capstone Gas Co-Generators*



Los Angeles Pierce College  
S. Mark Taper Foundation Life Science Botanic Garden

*Beautiful Garden for Students, Faculty, Staff and Visitors*

*Working Laboratory for Life Science Students*



# Los Angeles Pierce College Soccer Field

*Built in a Storm Water Retention Basin*

