



**CAMPUS NOTICE**

**OFFICE OF THE VICE CHANCELLOR - RESEARCH**

**ACADEMIC SENATE - SAN DIEGO DIVISION**

February 4, 2014

**ALL ACADEMICS AND STAFF AT UC SAN DIEGO  
ALL GRADUATE AND PROFESSIONAL STUDENTS**

**SUBJECT:**Reminder: Today's Workshop: Understand and Protect the Planet - Help Guide UC San Diego Research

We are thrilled to see the turnout in registrations for all four of the Research Initiative Workshops, and pleased to share the program for TODAY's workshop:

**UNDERSTANDING AND PROTECTING THE PLANET**

Tuesday, February 4th, 2:30 to 6:00 pm  
Price Center East Ballroom

**AGENDA:**

Moderator: Keith Pezzoli - Resilient systems for climate change

2:35 - 2:45 pm: Ralph Keeling "Quantifying sources of greenhouse gases and other pollutants"

2:45 - 2:55 pm: Tom Levy "Transdisciplinary Approaches to Environmental Change -eScience for Field Research on Land and Sea at UC San Diego"

2:55 - 3:05 pm: Elsa Cleland "Scaling up from local experiments to understand species and ecosystem responses to climate change in Southern California"

3:05 - 3:15 pm: Lisa Levin "Deep-Ocean Stewardship Initiative (Half the Planet up for Grabs)"

3:15 - 3:30 pm Group Discussion and Q/A

Moderator: Terry Gaasterland - Sensing the Environment

3:30 - 3:40 pm: Kim Prather "Aerosol impacts on climate and the environment" (no link)

3:40 - 3:50 pm: V. Nandigam, Chaitan Baru "Scalable Services for Geosciences Data: Extending the OpenTopography System"

3:50 - 4:00 pm: Wael Al-Delaimy "Air, water, soil and temperature: the health risk factors of the 21st century"

4:00 - 4:10 pm: To Be Announced

4:10 - 4:25 pm: Group Discussion and Q/A

Moderator: Steve Mayfield - Engineering solutions/Affecting Social Change

4:45 - 4:55 pm: Jonathon Shurin "Ecology of farming algae for bioenergy"

4:55 - 5:05 pm: Shirley Meng "Energy Storage - Achilles' Heel for Sustainable and Secure Energy"

5:05 - 5:15 pm: Richard Carson "Valuing Environmental Amenities, Incentivizing Conservation Behavior & Forecasting Economic Activity"

5:15 - 5:25 pm: Carl Melis "They Came From Space! Understanding and preparing for extraterrestrial threats"

5:25 - 5:40 pm: Group Discussion/Q &A

Information on registering for those workshops that remain open and the Agendas for

all four Workshops are posted at <http://researchinitiatives.ucsd.edu/>.

As stated in the original announcement:

A key outcome of the campus strategic planning effort is the identification of four broad themes that provide opportunities for interdisciplinary research and education to complement the outstanding individual efforts which will continue to be campus priorities. The themes provide opportunities to leverage the remarkable research on our campus to address several of society's most pressing challenges. We are hosting workshops to enable broad participation in the development of these areas and identify new collaborative opportunities.

We look forward to seeing you at today's Workshop, or at all four.

Sandra A. Brown  
Vice Chancellor for Research

Kit Pogliano  
Chair  
UC San Diego Division, Academic Senate

The other three Workshops:

**EXPLORING THE BASIS OF HUMAN KNOWLEDGE AND CREATIVITY**

Wednesday, February 5th, 2:30 to 6:00 pm

Medical Education Training (MET) Auditorium at School of Medicine

**ENRICHING HUMAN LIFE AND HEALTH**

Thursday, February 6th, 2:30 to 6:00 pm

Beyster Auditorium at Rady School of Management

**UNDERSTANDING CULTURES AND ADDRESSING DISPARITIES IN SOCIAL JUSTICE,**

**ACCESS EQUITY AND INCLUSION**

Tuesday, February 11th, 2:00 to 5:30 (note slightly different time)

Faculty Club Atkinson Pavilion