Next Generation Research & the University of California: Planning for the Future of UC’s Cyber Infrastructure
Creating a Five Year Vision for University of California Cyber Infrastructure

Sponsored by UC’s Vice Chancellors of Research and Chief Information Officers

Date: March 23rd
Time: 9:00 AM to 5:15 PM
Location: UCLA Faculty Center - California Room unless otherwise noted below.

A primary goal of this event is prioritize and recommend a UC Cyber Infrastructure “plan of action” for the next five years supporting information technology enabled scholarship and research. As such, the discussion must be faculty centric and address issues investigators deem important to the future of scholarship and research at UC. The agenda includes time for faculty to provide reaction and comment to each presenter and panel.

Faculty Commentators:
Willeke Wendrich, Professor, Egyptian Archaeology and Digital Humanities, UCLA
Adam Arkin, Professor of Bioengineering, UCB and Division Director, LBNL

Agenda:

8:00 AM to 9:00 AM
Continental Breakfast - California Room Patio

9:00 AM to 9:10 AM
Welcome
Larry Conrad, CIO, University of California, Berkeley

9:10 AM to 9:15 AM
Keynote Address (digital video) – President Napolitano

9:15 AM to 9:25 AM
Opening, Articulation of Objectives, and Introductions
Sandra Brown, Vice Chancellor of Research, UC San Diego
Michael Pazzani, Vice Chancellor of Research and Economic Development, UC Riverside

9:30 AM to 10:25 AM – Dialog, Discussion, Scribing of Thoughts

Concurrent Sessions
After the keynote address and opening remarks, conference participants will move to discussion groups as noted below. The groups will discuss UC’s Research Enterprise, Emerging Trends / Opportunities, and Required Cyber Infrastructures. The groups will also prepare a short overview that will be presented to entire conference.

Concurrent Session One
Physical Sciences, Life Sciences and Engineering – UC’s Research Enterprise, Emerging Trends / Opportunities – Required Cyber Infrastructures – Faculty Perspective. California Room
4 UC Faculty – 10/12 minutes per talk
Warren Mori, Professor, Physics & Astronomy; Electrical Engineering, UC Los Angeles
Eamonn Keogh, Professor, Computer Science & Engineering, UC Riverside
Suzanne Sandmeyer, Professor, Biological Chemistry, UC Irvine
Tony Tyson, Professor, Physics, UC Davis

Review of Thoughts / Trends / Requirements / Opportunities – 10 minutes total
Summary / Report Out: Paul Dodd, AVC for Interdisciplinary Research and Strategic Initiatives, UC Davis

Concurrent Session Two
Libraries, Arts and Architecture, Theater Film and Television – UC’s Research Enterprise, Emerging Trends / Opportunities – Required Cyber Infrastructures – Faculty Perspective. Redwood Room
3 UC Faculty – 15 minutes per talk
David Cuthbert, Professor, Theater Arts, UC Santa Cruz
Greg Janee, Specialist, Earth Research Institute, UC Santa Barbara
Brian Schottlaender, University Librarian, UC San Diego

Review of Thoughts / Trends / Requirements / Opportunities – 10 minutes total
Summary / Report Out: Steve Mandeville-Gamble, University Librarian, UC Riverside

Concurrent Session Three
Management, Law and Public Affairs – UC’s Research Enterprise, Emerging Trends / Opportunities – Required Cyber Infrastructures – Faculty Perspective. Sierra Room
2 UC Faculty – 15 minutes per talk
Paul Maglio, Professor, School of Engineering, UC Merced
Justin McCrary, Professor, Law, University of California, Berkeley

Review of Thoughts / Trends / Requirements / Opportunities – 10 minutes total
Summary / Report Out: Samuel Traina, VC for Research and Economic Development, UC Merced

Concurrent Session Four
Social Sciences, Humanities, and Education – UC’s Research Enterprise, Emerging Trends / Opportunities – Required Cyber Infrastructures – Faculty Perspective. Downstairs Lounge
3 UC Faculty – 15 minutes per talk
Thomas Levy, Distinguished Professor Anthropology, UC San Diego
Nicola Lercari, Assistant Professor, Social Sciences, Humanities and Arts, UC Merced
Juliette Levy, Associate Professor of History, UC Riverside

Review of Thoughts / Trends / Requirements / Opportunities – 10 minutes total
Summary / Report Out: Sandra Brown, Vice Chancellor of Research, UC San Diego

Concurrent Session Five
Health Sciences – UC’s Research Enterprise, Emerging Trends / Opportunities – Required Cyber Infrastructures – Faculty Perspective. Hacienda Room
3 UC Faculty – 15 minutes per talk
Joe Hesse, Director of Technology & Strategy, Memory & Aging Center, UC San Francisco
Alex Bui, Professor; Director, Medical Imaging Informatics, UCLA
Lucila Ohno-Machado, Professor, Medicine, UC San Diego

Review of Thoughts / Trends / Requirements / Opportunities – 10 minutes total
Summary / Report Out: Arash Naeim, Chief Medical Officer for Clinical Research, UCLA
10:25 AM to 10:35 AM – Break – 10 minutes. California Room Patio

10:35 AM to Noon – Reporting of Key Observations and Thoughts

Summary of Breakout Session (15 min), Faculty Commentators (10 min)

10:35 to 11:00 – Physical Sciences, Life Sciences and Engineering (Paul Dodd)
11:05 to 11:30 – Libraries, Arts and Architecture, Theater Film and Television (Steve Mandeville-Gamble)
11:35 to 12:00 – Management, Law and Public Affairs (Samuel Traina)

Noon to 12:45 PM

Lunch - Sequoia Room

12:50 to 1:15 – Social Sciences, Humanities, and Education (Sandra Brown)
1:20 to 1:45 – Health Sciences (Arash Naeim)

1:50 PM to 2:45 PM

Data, informatics, cyber infrastructure and grand challenge problems. National Perspective – Reflections, Directions, and Program Emphasis

Dr. Peter Arzberger, National Science Foundation (NSF), Senior Advisor for Research Cyberinfrastructure

2:45 PM to 3:00 PM

Break – 15 minutes – California Room Patio

3:00 PM to 3:45 PM

CIO Panel and UC “Level Set” – UC IT Initiatives and Approaches to Address Frontline Research Needs

3 UC CIOs – 10 minutes per talk
Rosio Alvarez, Chief Information Officer, Lawrence Berkeley National Laboratory
Mary Doyle, Vice Chancellor for IT, UC Santa Cruz
James Davis, Vice Provost Information Technology, UCLA

Faculty Commentators – 15 minutes total

3:45 PM to 4:30 PM

Faculty Panel – Perspectives on Information Technology Facilitated Research and Network Information Technology: Blue Sky Session – Where should UC be headed?

2 UC Faculty – 15 minutes per talk
Larry Smarr, Director/Professor of CSE, UC San Diego
David Goldberg, Director of Humanities Research Institute, UC Irvine

Faculty Commentators – 15 minutes total

4:30 PM to 5:15 PM

Recap and Next Steps

Michael Pazzani, Vice Chancellor of Research and Economic Development, UC Riverside
Larry Conrad, CIO, University of California, Berkeley
Willeke Wendrich, Professor, Egyptian Archaeology and Digital Humanities, UCLA
Adam Arkin, Professor of Bioengineering, UCB and Division Director, LBNL