Background for Campus Visits
May-June 2006

ITGC Web site: http://www.universityofcalifornia.edu/itgc/welcome.html
Comments: http://www.universityofcalifornia.edu/itgc/itgccomments.html
Mailto: itgc@ucop.edu
IT Guidance Committee Charge

- Identify **strategic directions for IT investments** that enable campuses to meet their distinctive needs more effectively while supporting the University’s broader mission, academic programs and strategic goals.

- Promote the deployment of information technology services to **support innovation** and the enhancement of academic quality and institutional competitiveness.

- **Leverage IT investment and expertise** to fully exploit collective and campus-specific IT capabilities.
UC Information Technology Guidance Committee

ITGC Planning Assumptions

- UC and campuses will: expand global presence, facilitate academic growth in interdisciplinary areas, foster campus diversity, and leverage campus / lab research strengths to gain leadership position.

- Research, instruction and scholarly communication will: become increasingly dependent upon an integrated IT infrastructure, where scholarly information is readily accessible and easily exchanged, and materials are made available to multiple stakeholders in highly adaptive learning and research environments, including traditional ones (classrooms, labs, and libraries).

- UC will invest in information technology as essential shared “infrastructure” which supports the University’s academic mission, in a planned and coordinated fashion, and minimizes redundant expenditures via new organizational and funding models to sustain, govern, and manage coordinated IT services.
Working Groups

- Instructional technology
- Research cyber infrastructure
  - High performance computing
  - Advanced networking services
- Digital stewardship (academic / administrative)
- System wide infrastructure / enterprise systems
- IT in student life
- Others as required...
Additional Participation / Input

- Other perspectives
  - Faculty advisory groups
  - Campus visits
  - UC constituencies (e.g. medical centers)
  - Students
  - Corporate partners?

- Data collection
  - Targeted research and environmental scans
  - Faculty survey
  - Student input
ITGC Deliverables

- Working group reports / white papers
- IT strategic directions document
  - Cross cutting issues
  - High priorities linked to UC mission
  - New delivery models
  - Funding strategies
- Presentation to President, COC, Regents
IT Guidance Committee Members

- David Ashley, EVC, Merced
- Jim Davis, CIO, UCLA
- Daniel Greenstein, AVP & University Librarian
- Kristine Hafner, AVP, Information Resources & Communications, UCOP
- Francisco Hernandez, Vice Chancellor, Student Affairs, UCSC
- Rory Hume, Acting Provost, UCOP
- David Kaplan, Professor, Philosophy, UCLA
- Larry Merkley, CIO, UCSC
- Gerry Munoff, University Librarian, Irvine
- Steve Relyea VC Business Affairs, UCSD
- John Oakley, Professor, UC Davis Law School, Vice Chair Academic Senate
- Jim Sandoval, Vice Chancellor Student Affairs, UCR
- AnnaLee Saxenian, Dean, SIMS, UCB
- Jonathan Showstack Academic Information Technology, UCSF
- Eric Vermillion, Associate Vice Chancellor, Finance, UCSF
- Michael Witherell, VC Research, UCSB
- Peter Yellowlees, Professor of Psychiatry, Vice Provost for Information and Educational Technology, UCD
UC opportunities to enhance innovation and leverage resources via strategic investment in information technology
Advanced Networking Services:

- Next generation intra- and inter-campus network capabilities
- Network bandwidth and reliability requirements for faculty research
- Technologies to balance security and access
Common IT Systems and Infrastructure:

- IT in support of academic and administrative collaboration
- Data center consolidation for reduced cost and greater economies of scale
- Next generation HR, financial and research administrative system capabilities
- Participation in community / open source development initiatives (Sakai, Kuali)
- Integration of application and information delivery via user-facing portal and content management technologies
- Disaster recovery and business continuity investments
- New “converged” technologies for voice, email and other personal productivity services
- Medical center systems and data collaboration
High Performance Research Computing:

- Shared, managed clusters
- Server farms / colocation facilities
- UC grid
IT in Student Life

- Shared student admissions system
- Integrated student services, personalized information resources, and student-facing portals available to students before, during, and after their university careers
Instructional Technology:

- Virtual and distance instruction
- Course sharing strategies, course content, “open courseware”
Scholarly Collaboration

- Shared information, research, publications
- Collaboration tools
- Personal portals for teaching, research, etc.
- UC open content gateway for sharing of Intellectual property
Stewardship of Digital Assets

- Tools, technologies and processes to surf (capture, manage, and make effective use of) the “tsunami of research data”
- Repurposing of information in teaching, research, administration
- Inverting IP: moving to a position of greater openness and sharing of content and information systems
- Addressing the legal, policy, and regulatory issues that affect creation, access to and use of information for academic purposes.
Other ideas

- UC IT strategy and system wide implementations as research topic
- Strategies for continuous adaptation and flexibility in IT systems
- Role of IT in revitalizing the graduate school population
Guiding questions for campus discussions

*Understanding campus strategic needs and how they would benefit from systemwide initiatives*

1. What are the strategic priorities/directions for your campus?

2. What will be the implications of these priorities/directions on IT?

3. What areas of IT could really benefit from leveraging investments system-wide?