

NACS Faculty Advisory Committee

June 1, 2006

Faculty Network Survey

- Conducted online January - March 2006
- 200 responses spread across academic schools (page 1)
- Satisfaction with network reliability and speed is high (86% - 95%, page 2)
- 87% felt research needs are being met (page 4)
- 87% felt teaching needs are being met

Faculty Network Survey: Wireless

- Wireless usage (page 3) varies considerably:
 - 44% have not used it more than once or twice
 - 36% use it several times a week or more
- 28% are satisfied with wireless availability (38% neutral); 42% with Speed (39% neutral)
- Coverage holes? University Hills?
- Distraction in the classroom?

Faculty Network Survey: Future Needs

- Higher (> 100mbps) bandwidth - 55%
- Video conferencing - 36%
- Internet phone calls - 20%
- Dedicated bandwidth - 20%
- Dedicated optical connectivity - 8%
- University Hills - 10%

Faculty Network Survey: NACS Follow-up

- Reviewing on-campus wireless coverage issues reported in survey
- Responded to a number of specific problem reports in several different areas
- Shared feedback on email quotas, email delivery speeds, EEE and other items with appropriate NACS managers
- Conversations with individual faculty to better understand special needs

UCI Strategic Planning & NACCS

- A Focus on Excellence: A Strategy for Academic Development at the University of California, Irvine 2005 - 2015
- Growth: overall enrollment, graduate students, faculty
- What does NACCS need to do to support UCI's plan?

UC Information Technology Guidance Committee

- --->> ITGC Slides

UC ITGC

- How do we want to gather feedback at UCI to contribute to the ITGC process?
- Seek feedback from existing groups (NACS FAC, CORCLR, EEE, CCAA, etc.)
- Adhoc discussion groups on instructional and research computing, common infrastructure, and other themes?
- What role does the NACS FAC want to play?

UC ITGC - discussion questions

- What areas of IT could benefit from leveraging investments system-wide?
- What are 2-3 areas where IT really works at UCI?
- What are 2-3 most important IT needs at UCI?
- Would any benefit from system-wide IT investments?

UC ITGC - Ideas from first meeting

- Next generation intra- and inter-campus network capabilities
- IT in support of collaboration
- Data center consolidation
- Participation in community-source efforts
- Integration of applications into portal environments
- Disaster recovery
- Converged voice, email, productivity services

UC ITGC - Ideas from first meeting

- Shared, managed HPC clusters; UC Grid
- Shared student admissions system
- Virtual and distance instruction
- Course sharing strategies, open courseware
- Scholarly collaboration tools
- UC open content gateway to share Intellectual Property (IP)
- Inverting UC IP policy toward more open sharing
- Tools to surf “tsunami of research data”

UCI Research CyberInfrastructure

- Ongoing discussion about enhancing central research computing support
- NACS \$50k budget request to do pilots
- Areas of need:
 - Programming support and consulting
 - Storage
 - Cluster support
 - Data Center Support
 - Very high-speed connectivity / optical links

Server Registration

- --> Scott Menter

Quick Mentions - Email

- Inbox quotas increased (Faculty/Staff 100mb; Grad 50mb; Ugrad, 10mb)
- All processors in Webmail cluster replaced with faster processors with more memory
- Network Appliance Fileserver upgraded: more space, greater performance
- “Delete message” default changed to Delete
- Spam and security enhancements
- Planning to offer for-fee Exchange service

Quick Mentions - Academic Personnel Systems

- NACS is providing programming and related support for UCI online Academic Personnel applications
- Faculty Recruitment system from ICS
 - Phase 1: transition to campus-wide system
 - Phase 2: new features to better support diverse school processes (especially for Humanities and the Arts)
- Next: faculty review, merit, promotion