Key UCLA Campus IT Accomplishments

Updated January 5, 2004

Milestones in red completed this past year

Completed with direction or assessment by
Information Technology Planning Board (ITPB),
Office of Information Technology (OIT), Administration and/or
Information Technology Planning Board Assessment Process

<table>
<thead>
<tr>
<th>IT VISION and PLANNING</th>
<th>Research Leadership</th>
<th>Student Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Developed &amp; distributed IT Vision Document - a result of broad campus consultation</td>
<td>• Positioned infrastructure for imminent launch UCLA Computational Science &amp; Engineering Institute (CSEI), joint with Office of Research, Engineering, and Physical Sciences</td>
<td>• Stabilized Orion2 library system project &amp; campus perception</td>
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<td>• Deployed icompass website to communicate IT news to the campus – 10,000 regular users</td>
<td>• Established vision for UCLA research computing based on a distributed, network-dependent model for organizing &amp; managing resources &amp; facilities independent of location; launched grid development project</td>
<td>• Completed Orion2 replacement RFP using new campus process; completed procurement of commercial system</td>
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<td>• Deployed websites for IT planning, progress &amp; IT committees</td>
<td>• Established ‘Technology Sandbox’ as the operational mechanism to realize the distributed computing model</td>
<td>• Participated in successful NSF proposal for a 256 node cluster that will be a positioned as joint physics and campus resources to launch CSEI</td>
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<td>• Formed the Faculty Committee on Educational Technology and Computational Research Advisory Board</td>
<td>• Shut down a centrally managed proprietary cluster to move to a distributed computational model</td>
<td>• Purchased high-performance computing cluster for CNSI</td>
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<td>• Completed recommendations for campus IT cost savings and future positioning and have proceeded with implementation</td>
<td>• Created vision &amp; designed IT infrastructure for new CNSI building</td>
<td>• Realigned computation &amp; media resources in Visualization Portal &amp; Technology Sandbox to enhance UCLA’s external research visibility</td>
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• Realigned Academic Technology Services (ATS) resources toward research computation, new technology, data and productivity
IT VISION and PLANNING (cont’d)

Scholarly Interaction
• Established concept of IT Centers for Scholarly Exchange as a new academic innovation for UCLA
• Established pilot development with Center for Embedded Network Sensing (CENS); completed functional specifications
• Developed requirements for scholarly interaction

Increased Productivity
• Established global campus strategy for transaction systems
• Established campus agreement on uniform data warehouse & reporting environment & completed formal planning
• Deployed protocol transaction & audit system for animal research
• Completed formal planning for IRB protocol transaction, certification & audit system & launched implementation

• Supported the purchase of a commercial electronic proposal and grants management system
• Completed planning and launched implementation of an Academic Personnel Case Tracking System
• Supported deployment of emergency & mass email systems in context of broader campus email
• Completed planning for new campus email address assignment model
• Completed review and launched implementation of degree audit system
• Completed progress review and adjustments to Student Records Database Rationalization project
• Completed plan review and expect to launch campus data warehouse implementation
• Completed functional requirements & expect to launch proof-of-concept pilots to position for building an Enterprise Directory

Community Interaction
• Deployed UCLA in LA system platform
• Deployed map-based directory of UCLA community activities
• Supported $800,000 in grant awards
• Deployed secondhand UCLA computers into UCLA sponsored community facility & drafted proposal to expand model
INFRASTRUCTURE

Desktop

- Established campus contract for computer & printer products
- Extended campus computer contract to faculty, staff, & student personal purchases
- Purchased & distributed anti-virus software to faculty, staff & students for office & home use
- Completed UC contract for Microsoft products

Systems

- Deployed next generation network for state & national connectivity; completed cutover
- Committed to new national optical research network
- Upgraded campus backbone to gigabit connectivity
- Deployed production campus wireless LAN in many common areas and conference rooms
- IncreasedBruin On-Line message size & storage capacity
- Implemented Bruin On-Line virus & spam filtering & established purchase agreement for distributed systems
- Upgraded campus authentication system
- Completed contract for campus security systems
- Launched email consolidation design
- Launched VoIP production services pilot

POLICY

- Executed UCLA domain name policy
- Completed draft policies on web content, electronic advertising & privacy statements for broad review
- Launched formal policy development for doing official business electronically
- Drafted guidelines for costing, cost allocation & governance of IT systems
- Executed SB 1386 policy
- Established campus position on illegal file sharing and executed awareness campaign
- Launched discussions with entertainment industry to work out constructive solutions
- Instituted stronger campus coordination & central actions to address security
- Launched initiative to revamp voice & network services cost allocation & funding model
- Launched plans to establish privacy & data protection boards to review all new data collection plans & oversee implementation of policies
- Established a Uniform Public Network/Distributed Operations Model, standards, registry, & Standards Body for wireless networking

PROCESS

- Implemented an IT Policy review procedure
- Organized a security, privacy & copyright incident response coordination team
- Re-aligned IT planning & organization around the IT Vision Plan
- Established an IT project initiation, assessment, planning, review & implementation process for university-wide initiatives
- Established methodology for reviewing campus-wide IT projects
- Established portfolio management approach to campus projects

STAFFING MODELS

- Completed a campus contract for purchasing temporary IT staffing
- Completed a campus analysis of campus IT training practices and initiated program for coordinating training
- Established project manager forum to baseline project management practices within ITPB process