

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCLA	Build new OAI metadata harvester and service provider	Metadata harvester for the Sheet Music Consortium will be rebuilt to support both Dublin Core and MODS, user supplied metadata, metadata record downloads, thumbnail harvesting, OAI object reuse and exchange (ORE).	Application Development	Development	Stephen Davison
UCLA	Convert applications to campus Shibboleth authentication server	Convert public applications that use campus authentications from ISIS to Shibboleth: CLICC applications and DLP applications are being addressed jointly.	Application Development	Completed	Gary Thompson
UCLA	Create a List of EResources by Subject in our Web Space	As part of Serials Solution implementation, publish a web page showing recommended EResources by subject. Enable navigation through the list, and active links to the resources.	Application Development	Development	Gary Thompson
UCLA	Create Library Moodle Block	Create a block for the campus Moodle that links to library information and course-specific library resources.	Application Development	Completed	John Wang
UCLA	CSHN website: Digital Library Web Service.	The Center for the Study fo the History of Neuropsychopharmacology will develop the website that will act as a front end to the archive data that the Digital Library Program is managing.	Application Development	Development	Henry Chiong
UCLA	Develop dataset hosting service	Design a service where the library can host licensed dataset	Web Services	Specification	Stephen Davison
UCLA	Develop Research Commons (YRL)	In conjunction with the renovation of the 1st floor of YRL, the Research Commons will be developed to provide technology-enabled spaces for researchers to work. Planning underway, with end-user technology implementation to be scheduled as construction dates are developed.	Desktop Services	Development	Lisa Kemp Jones

## UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCLA	Digital Signage for Research Library	As the YRL 1st floor is renovated, working with project managers and designers to implement digital signage, drawing on data the library has/collects in order to provide interesting and informative displays.	Service Desk	Development	Lisa Kemp Jones
UCLA	High-throughput digitization of Special Collections and Archives materials	Install Stokes scanning equipment (completed); test operation and workflow (in progress); and complete three of four collections (photographs, manuscripts). Develop ingest workflow and software for the Digital Library Collection System.	Application Development	Development	Stephen Davison
UCLA	Implement support for video in the Digital Library Collection System	Establish standards for preservation quality content, streaming to end users, download formats. Develop ingest mechanisms. Develop end user interfaces and incorporate into the generic Digital Library tools (staff, public).	Application Development	Development	Stephen Davidson
UCLA	Lab/Public Station Authentication	Updating outdated authentication system for students to log in to lab/public workstations.	Desktop Support	Development	Lisa Kemp Jones
UCLA	LabStor Investigation	Investigating LabStor, a collaborative multi-university service being developed to provide virtual computing lab services. Subscription being reviewed, and services/technology assessed. Potential replacement for Software Shortcut (Citrix) functionality.	Desktop Support	Specification	Lisa Kemp Jones
UCLA	Legacy Data Migration	Migrate legacy applications data into the Digital Library Collection System (DLCS).	Application Development	Development	Henry Chiong

Campus	Project Name	Project Description	Project Type	Status	Contact
UCLA	Migrate audio and video streaming services from Helix to Flash	Install (completed) and test (in progress) Flash streaming software. Migrate all content from Helix to Flash server. Recode internal and external interfaces to content.	Application Development; Server Management	Development	Charlie Castro
UCLA	Migrate existing MediaWiki and WordPress to our standard platform	MediaWiki and WordPress were originally configured with apache, but can better support IIS for these services and so are making the switch. Also both packages will be upgraded.	Web	Complete	Gary Thompson
UCLA	Moving CLICC printing from billing system to BruinCard debit card	CLICC lab will be converted to use the BruinCard debit card system currently used by the library public stations. This will replace the billing-in-arrears system currently used for CLICC.	Equipment Installation	Beta Test	Lisa Kemp Jones
UCLA	Multilingual support in the Digital Library Collection System	Develop multilingual framework for the Digital Library Collection System. Implement multilingual support in Frontera Sound Recordings project (English, Spanish) and the Minasian Manuscript Collection (English, Arabic, Persian).	Application Development	Development	Stephen Davison
UCLA	Online payment for library services	Allow users to pay for fines, fees, and other library services using UCLA's CyberPay service.	Application Development	Development	Gary Thompson
UCLA	Outlook-to-Hours Project	Allow individual units to update hours using their Outlook calendars	Web Services	Concept	Gary Thompson
UCLA	Power Management software pilot (campus - Green IT Strike Team)	Test product as part of a campus-wide project to better manage power consumption by computing devices.	Desktop Services	Beta Test	Lisa Kemp Jones

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCLA	Printer Support Policy Update	Review and propose end-user printer guidelines for staff. Investigate maintenance contracts, potential for outsourcing support.	Desktop Support	Development	Todd Grappone
UCLA	Remote Printing	Implementing a service where users can print to a library system from their own equipment and use the debit card system to pay for printouts.	Desktop Support	Development	Lisa Kemp Jones
UCLA	Replace Room/Resource Scheduling Software (IRMA)	Replace Meeting Room Manager with a different product. Driven by projected end-of-life for MRM, cost reduction, and some updated functionality.	Application Support	Implementation	Lisa Kemp Jones
UCLA	Reserves List Submittal Form	Create a web form where faculty can submit lists of material for reserves. Store lists in a staging database, and extract data for access service staff.	Application Development	Development	Gary Thompson
UCLA	Reserves List Web Application	Create a web app to allow the creation/review/deletion of lists of course items (print and electronic) that are currently available through the Library Reserves service	Application Development	Concept	Gary Thompson
UCLA	Software Shortcut update	Assessing current means of offering software remotely across campus (CLICC/library: Software Shortcut citrix service, SSC After Hours, SEAS remote access, etc.). Determining ideas for a campus-wide approach, including Software Central, OIT, etc.	Desktop Services	Concept	Lisa Kemp Jones
UCLA	Staff Workstation Update Strategy	Implement calendar for updating staff machines on a 5-year cycle (from 3 years), next large deployment is approx. 300 machines to be deployed in November, 2010 with Windows7.	Desktop Support	Development	Lisa Kemp Jones

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCLA	Support Google Books scanning project	Extract records from Voyager to send to CDL. Scope to be determined, depending on how specifications develop.	Application Development	Production	Gary Thompson
UCLA	UCLA security policy 404 compliance	Gather data from all library staff on their use and retention of PII, identify any needs for staff to have PII, develop policies and sign-off for staff requiring this information, and develop encryption policies and practices.	Security Policy	Development	Todd Grappone
UCLA	Use Voyager for CLICC Laptop Lending	Migrating from a custom-developed system for laptop lending to using Voyager to achieve similar functionality.	Application Support	Specification	Lisa Kemp Jones
UCLA	Virtual Desktop Investigation #1 - Publics: Testing use of Ncomputing devices to share CPUs	Concept to share CPUs when feasible to provide lower-cost computing - specifically for public workstations and possibly student staff workstations.	Desktop Support?	Beta Test	Lisa Kemp Jones
UCLA	Virtual Desktop Investigation #2: Staff stations	Using VMware products to deliver desktop services effectively to staff. Completing investigation for feasibility and scope by August, 2010. Need to factor in to large computer replacement purchase planned for Winter 2010/2011.	Desktop Support	Concept	Lisa Kemp Jones
UCLA	Visual Inventory	Develop internal application for mapping and tracking workstation locations, linked with Footprints to streamline troubleshooting workflows, particularly with student staff.	Desktop Support	Beta Testing	Lisa Kemp Jones
UCLA	Web Site Redesign	Design and implement new Library web site	Web	Specification	John Wang

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCLA	Windows 7 testing and implementation strategy	Testing Windows7 for the following environments: staff, public workstations, CLICC workstations, CLICC laptops. CLICC and publics will likely have a firm deadline for implementation (June, 2010) with staff stations more flexible and based on needs.	Desktop Support	Beta Test	Lisa Kemp Jones
UCLA	Zoomify integration with the Digital Library Collection System.	Zoomify allows you to deliver high-resolution images over the Web.	Application Development	Development	Henry Chiong
UCSD	BMC Service Desk Express - Work Order Implementation	Deploy BMC Service Desk Express 9 work order functionality.	Service Desk	In Progress	Bryan Kehr
UCSD	GIS Lab - Steady State Implementation	Implement MS Steady State to facilitate GIS Lab operations. Steady state is designed to insure that PC images are refreshed to their original state as needed. This system also provides enormous flexibility on the part of the lab manager to add and test	Desktop Support	In Progress	Tim Marconi
UCSD	Productivity Workstation Release 2	Extend and refresh the Productivity Workstation model. Refreshed design is intended to replace 80% of the existing Infostations.	Desktop Support	Complete 11/09	Bryan Kehr
UCSD	Server Rooms Renovation	Secure a climate-controlled room in the library for relocation and storage of production servers.	Data Center	Complete 10/09	Ron Joyce
UCSD	System Center Config Manager Implementation	Design and Implement Microsoft's Systems Center Configuration Manager for maintaining the configuration properties of many different machines. Among other things, this will help in operation system and virus patches across the Libraries.	Desktop Support	In Progress	Bryan Kehr

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSD	Digital Asset Management System - Curator Access System v1	Design and Implement a digital asset display system with access rights for curators	Development	In Progress	Rpbin Chandler
UCSD	Digital Asset Management System - Public Access System v2	Design and Implement a digital asset display system with different access rights for local and public users	Development	In Progress	Rpbin Chandler
UCSD	Windows 7 Migration	This project involves the migration of all staff workstations from Windows XP to Windows 7.	Desktop Support	In Progress	Bryan Kehr
UCSD	LISN - Libraries Intranet	This intranet will replace web content currently on libnet and orpheus. It will be created within the Hannon Hill Content Management System.	Web	In Progress	Steve Wieda
UCSD	Bursar Billing Application	Convert old FoxPro Millennium patron fee data transformation and processing application to a web based application	Development	Completed 02/10	Joy Sargis
UCSD	Electronic Invoices Billing Application	Convert old FoxPro Millennium electronic invoices data transformation and processing application to a web based application	Development	In Progress	Joy Sargis
UCSD	Relocation of Dev and some Prod machines to SDSC Colo	Moving 14 racks of equipment from various Libraries server rooms to the new SDSC colocation facility.	Data Center	In Progress	Ron Joyce
UCSD	Libraries Public Website - Design Makeover	Migrating the current Libraries public website to the new design created by campus/ACT. Due to the changes to the new design, this project will also involve a complete redesign of the homepage and location home pages.	Web	In Progress	Steve Wieda
UCSD	Public Computing Utilization Tracking	Create a system that tracks and reports usage of public computers using Microsoft System Center Operations Manage.	Desktop Services	In Progress	Tim Marconi

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSD	Libraries Public Website - Mobile	Offer the UCSD Libraries to mobile devices using the Hannon Hill Cascade Server CMS.	Web	In Progress	Steve Wieda
UCSD	Digital Audio Reserves Management Application v3	Add features and stability to the web based application that manages the digital audio reserves collection.	Development	In Progress	Robin Chandler
UCB	LHRs	Submit local holdings records to OCLC	Development	In Progress	Lynne Grigsby
UCB	Millennium/Oskicat/ERMS	Enhancements, record loads, exports, automation, etc.	Development		
UCB	Millennium single sign on	Allowing UCB faculty, staff, students to log into Oskicat using CalNet authentication	Development	In Progress	Lynne Grigsby
UCB	NRLF ZAP/NGM/OCLC	Add ZAP symbol in OCLC for NRLF records	Development	In Progress	Lynne Grigsby
UCB	Single Sign On for OskiCat	Implement Single Sign On (SSO)/CalNet authentication to OskiCat	Development	In Progress	Lynne Grigsby
UCB	Online payment for Library charges	Allow payment via Millennium and Payflow	Development	Waiting on Millennium upgrade (Fall)	Lynne Grigsby
UCB	LBS Forms Online	Moving business and HR forms to online system to manage authorizations and attachments.	Development	On hold due to other priorities	Lynne Grigsby
UCB	Data Rescue	Move multiple digital projects database into our digital object content management system (webGenDB)	Digital Projects	In Progress	Lynne Grigsby
UCB	Digital Projects	Manage multiple digital project, e.g., city arts & lectures; metcalf; ritz; irle; war posters; etc	Digital Projects	In Progress	Lynne Grigsby
UCB	WebGenDB UI redesign	WebGenDB is our digital object content management system. We are revamping the interface after user interviews.	Digital Projects	Completed	Lynne Grigsby

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCB	Task list	Develop application to manage multiple tasks lists providing multiple levels of authorization	Development	In Progress	Lynne Grigsby
UCB	Public PC	New virtual public pc environment to improve ability to upgrade application	Desktop	In Progress (roll out starting in June)	Lynne Grigsby
UCB	Support for google books scanning project	Continued support and changes	Development	Ongoing	Lynne Grigsby
UCB	Relocate non-production servers	Moving non-production servers to library computer room	Development	In Progress	Lynne Grigsby
UCB	Support for Library public website on mobile devices	Determine and implement mobile device access to Library Website, ERF, and Hours	Development	In Progress	Lynne Grigsby
UCI	Staff Intranet Release 2	Various improvements of Libraries' Intranet	Web Services	In Progress	Colby Riggs
UCI	ANTPAC Millenium - Campus Accounting Invoice Interface	Development of interface for the processing of invoices	ILS	In Progress	Colby Riggs
UCI	ANTPAC Bursar Interface	Bursar Out Implementation	ILS	Completed 4/10	Colby Riggs
UCI	Richard Rorty Born Digial Manuscripts	Collection in UCI Libraries' DSpace repository	Digital Projects	Completed 3/10	Colby Riggs
UCI	Hugh Everett Manuscripts on Quantum Physics	Collection in UCI Libraries' DSpace repository	Digital Projects	In Progress	Colby Riggs
UCI	Human Resources Database - Students	Major revision of HR student database	Application Development	Concept	Colby Riggs
UCI	e-PAF Release 2	Major revision of the Professional Development Activity application	Application Development	In Progress	Colby Riggs
UCR	Redesign LSA Website	LSA Website needs to be re-branded with the UCR Logo.	Web	Completed 1/10	Dana Morita
UCR	Output LHR records (OCLC)	Local holdings records must be output to OCLC; need output table, testing, and insertion of 007 fields into the millennium holdings records.	ILS Millennium	In Progress	Terry Toy
UCR	Redesign Systems Internal Website	Our internal website needs to be revamped	Web	Completed 1/10	Dana Morita

## UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCR	Load SCP reclamation records	Load both serial and mono SCP oclc reclamation records. Need to complete this project before normal weekly SCP loads can be resumed. Requires new load tables	ILS Millennium	Completed 4/10	Terry Toy
UCR	Centralized Web Application Login/Security	Centralize the login system for all Library web applications (starting with Worktickets, CENTAUR, Library Intranet, PAGA)	Web	In Progress	Albert Morita
UCR	Migrate to new SAN	Migrate our virtualized infrastructure from our old makeshift SAN to our new supported equipment.	Network	Completed 4/10	Aaron Russo
UCR	Scotty: Adding SMS Feature	ILS/OPAC Management Committee (Scotty Team) proposed to have a feature for users to send Bib Records to their cellphones via SMS.	Web	In Progress	Carol Boggs
UCR	COLT Website	The COLT website needs to be ported over to a system for better website management.	Web	In Progress	Dana Morita
UCR	SuDoc spine label creation	Use the Millennium module to print the government publication SuDocs spine labels. Possibly print spine labels using the 3rd party vendor iReports with Millennium	ILS Millennium	In Progress	Carol Boggs
UCR	Libstaff Website (Redesign)	Library Internal website needs to be redesigned for a more UCR look and feel.	Web	In Progress	Dana Morita
UCR	Scotty/Millennium Inventory on staff machines	Identify computer names, telnet/Millennium versions in use, related hardware/software used on staff machines.	ILS Millennium	In Progress	Carol Boggs
UCR	Rivera Front Lounge: 32" TV Display	As of 8/27/09 the plans are to mount the 32 inch TV on the wall in Rivera Lobby.	Equipment Installation	Completed 2/10	Aaron Russo

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCR	Rivera TV Monitor Web Display	Create website for TV monitor installed in Rivera Library	Web	Completed 3/10	Dana Morita
UCR	Multimedia Library Technology Request	Spec, purchase, and deploy MultiMedia library equipment. Including video conferencing and display units.	Equipment Installation	In Progress	Aaron Russo
UCR	Inventory Database	Create database to manage computer equipment in the Libraries. Track service tags, repair history, physical location, software installed, and run statistical reports	Database Programming	Completed 4/10	Albert Morita
UCR	Staff computer replacement	Install 40 new staff computers, recycle the 40 old staff computers into public workstations	Equipment Installation	Completed 4/10	Phil Cheetham
UCR	Update item status codes	Modify status codes in Millennium item records	ILS Millennium	In Progress	Carol Boggs
UCR	Library portlet	Develop Library portlet to be included on the Campus Staff and Student Portals	Programming	In Progress	Albert Morita/Dana Morita
UCR	Network migration	Reorganize Library network to facilitate improved network security and segregation of public and private servers	Network	In Progress	Aaron Russo
UCR	VMWare cluster upgrade to vSphere 4	Migrate to new major release of VMWare's enterprise virtualization (vSphere 4)	Server Management	Completed 1/10	Aaron Russo
UCR	RADIUS Server	Set up RADIUS server to allow means of authenticating against a central server	Network	In Progress	Aaron Russo
UCR	Workticket Database for Facilities	Create workticket database for Library Facilities Dept. modelled after the Systems workticket database (to help manage/track facilities	Database Programming	Completed 5/10	Albert Morita
UCR	Library Mobile App	Create mobile web app of the Library website	Programming	In Progress	Dana Morita

Campus	Project Name	Project Description	Project Type	Status	Contact
UCR	Automate tracking of machine inventory	Write program to automatically update the Inventory database with computer information on any staff/public workstation in the library. Schedule automatic updates	Programming	In Progress	Aaron Russo
UCR	III Single Sign On--CAS	Complete work to implement Millennium SSO, upgrade SSO server to RedHat rel.5	ILS Millennium	In Progress	Terry Toy
UCR	Infomine Website Redesign	Add campus/library template to Infomine website	Programming	In Progress	Albert Morita
UCR	Add Music & Media Libraries to Library Network	Bring Music and Media Libraries back into the primary Library network	Network	In Progress	Aaron Russo
UCR	Network closet rewire/cleanup/inventory	After complete recording of all ports, reorganize patch panels, cabling and switches in each network closet in Rivera and Science Libraries	Network	In Progress	Aaron Russo
UCSF	Develop applications and services that contribute to a user-centered environment such as ones that support mobile devices.	Mobile web site for UCSF: <a href="http://m.ucsf.edu">http://m.ucsf.edu</a> including Library resources.	Application Development	In Progress	Ann Dobson
UCSF	Upgrade Library web site to Drupal 7	Currently on Drupal 5. Want to take advantage of features in Drupal 7	Application Development	In Progress	Ann Dobson
UCSF	Develop the infrastructure for a digital object repository to include images, content from lectures, etc	Assess needs for digital object repositories outside those for learning. Continue the digitization of archives and special collections material	Application Development	In Progress	Ann Dobson
UCSF	Deploy the first phase of the learning objects repository	Select product, deploy for shared learning objects repository	Application Development	In Progress	Ann Dobson
UCSF	Move to Campus IdM	Decommission Library authentication and upgrade applications to use central campus IdM system	Application Development	In Progress	Ann Dobson

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSF	Extend the Collaborative Learning Environment (Moodle) with new services and applications.	Improve automated enrollment into Moodle courses. Add blocks to Moodle.	Application Development	In Progress	Ann Dobson
UCSF	Transform the 2nd floor of the Library to the Teaching and Learning Center including the relocation of library services and developing new integrated support services.	Construction project to remodel the second floor of the Library for student labs, classrooms, simulation center, and telemedicine.	Infrastructure	In Progress	Ann Dobson
UCSF	Move servers to campus data center	As part of campus efficiency effort, move hardware in Library server room to campus data center.	Infrastructure	In Progress	Ann Dobson
UCSF	Build services and support applications to secure the Library's role as a campus leader in collaborative tools.		Application Development	In Progress	Ann Dobson
UCM	Library Projects Gateway	Plan and track all library projects, with specific development of workflow support for various business needs	Application development	In Progress	Emily Lin
UCM	Digital Assets Management System	Manage institutional digital object collections	Application development	Planning	Emily Lin
UCM	Room booking system	Reservation system for library rooms and spaces; can encompass equipment/other resource reservations. Based on PHP Scheduleit.	Application development	Beta testing, rollout Summer 2010	Thomas Bustos
UCM	Library website	Service issues with hosting provider; considering other options. Planning for upgrade to Joomla 1.5	Web	In Progress	Susan Mikkelsen

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCM	Digital signage	Provide, support digital signage throughout Library building (including Student Center and campus administration wing) - currently using Scala system. Under discussion: building/acquiring interactive capabilities for wayfinding, enhanced communication	Application Development; infrastructure	In Progress	Thomas Bustos
UCM	Faculty web projects	Provide support, hosting, and access to faculty research (e.g. blogs, wikis) on the Web.	Application development	Ongoing	Emily Lin
UCM	Student technology support	Library has decided to discontinue loaner laptop program. Program will "fadeout" 2011. Assessing needs for device for accessing library resources for students in the library and surveying new technology	Computing support	Planning	Susan Mikkelsen
UCM	Library Window	Create "telepresence" or digital presence of Library in other campus buildings	App development/in frastructure	Concept	Teal Smith
UCM	Development of mobile web presence	Develop mobile-friendly site to facilitate access to Library services on mobile devices	Application development	Planning	Sara Davidson
UCM	Instruction room move	Move primary instruction room to alternate room with dual SmartBoard projection and enhanced A/V	Equipment installation	Complete 8/10	Sara Davidson
UCM	Library tour/orientation	iPod touch tour for Writing Program students- first year 09/10; assess and revise for 10/11	Application Development	In progress	Sara Davidson

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Building Wireless	The Library has contracted out to OIST to install the wireless solution already in place in other locations on campus. Most major student study locations have been covered, with only a couple of floors remaining to be migrated.	Network	80% Complete	J. Ajao
UCSB	Windows Infrastructure Virtualization	Prior to embarking on our move towards virtualization, we ran approximately 12 individual, completely underutilized HP Proliants to provide our Windows services. At present, we have migrated all but five of our windows servers to a VMware vSphere platform.	Server Management	In Progress	J. Preston
UCSB	VMware ThinClient Implementation (VMware View)	As the library continues to migrate towards virtualized desktops, we have decided to pursue VMware View as our thin client technology of choice. This will be built on top of our existing VMware vSphere architecture.	Desktop Support	Planning/Testing	J. Preston
UCSB	Systems Automation (puppet)	Defining our systems and their services through puppet, we can deploy both a consistent and centrally managed configuration to our hosts. Deployment times are reduced, which in turn allows us to deploy additional nodes quicker, along with reducing the time it would take to recover from disaster.	Server Management	In Progress	J. Preston

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	OSX Virtualization (Parallels Bare Metal)	Throughout recent years, we have acquired a handful of Apple XServers. With our growing IT staff to service ratio in mind, we found it best to attempt in following in the footsteps of our virtualization efforts on the linux, windows, and unix platforms. With the recently released Parallels MAC Bare Metal product, we are looking to implement a similar architecture as our VMware vSphere setup.	Server Management	In Progress	J. Preston
UCSB	Server Room	We have outgrown the resources currently available to us in our current server room. A new room is under construction that will make use of better resource planning, cooling technology, and power backup.	Data Center	Moving to campus Data Center	J. Ajao
UCSB	IT Staff Office Construction/consolidation	Current IT staff offices are in different areas of the Library building.	Human Resources	Construction phase	J. Ajao

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Migration of legacy ADL applications	The legacy ADL application stack lived on fairly old, unserviceable hardware. Along with our push to virtualize services such as these to reduce our power/cooling footprint, a device failure of one of the core components in the ADL stack forced us to attempt migration. Since the installation procedures for these systems were never documented, and the original developers long gone, a series of solaris zone hacks were applied to move all zones involved into our modern hardware. X86 based hosts were moved into a Solaris 10 VMware image, while the SPARC based hosts were moved into more modern Solaris 10 installations with more power efficient hardware.	Application Support	Complete	J. Preston
UCSB	MySQL service migration to HA cluster	As we begin to host more and more MySQL dependent web-based applications for the library, the desire to have a much more responsive and redundant database server cluster increased. This project is currently in its planning/testing phase, so no solid description of work can be provided at this time.	Server Management	Planning/Testing	J. Preston

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Library Network Infrastructure Upgrades	The Davidson Library network infrastructure in many areas still used poorly wired cat5 cabling. With staff producing larger digital objects that require transfer and storage in our server room, the connections between us needs to be faster. Thin client usage has also been a factor in our decision to begin installing 1Gbps switches with fibre uplinks to our core switching infrastructure.	Network	In Progress	J. Ajao
UCSB	Web services platform migration to Xen platform	In order to support our growing web presence, employing a more manageable, more scalable web infrastructure is desirable. Along those lines, an infrastructure that lends itself to automation ( puppet ) is believed to assist in reducing the managerial overhead on deployments. The xen platform appears to be the best fit for this.	Server Management	Planning/Testing	J. Preston
UCSB	Reverse Proxying of Web Services (HAProxy, Pound)	To improve our load distribution, along with increasing our resiliency to backend server failure, we have placed HAProxy in front of many of our web services to handle http traffic. Https traffic is redirected to our Pound reverse proxy.	Web Services	In Progress	J. Preston

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Storage	With the Davidson Library server room power and cooling resources at near capacity, we have tasked ourselves with the duty of migrating away from inefficient storage arrays. Coupled with the need to provide fibre and iscsi LUNs to a variety of hosts, along with the desire to introduce modern filesystem features such as deduplication, we have been preparing to move our data to OpenSolaris / Nexenta based storage systems. Utilizing our Sun x4500 and x4540 units, we can achieve greater storage densities while consuming less power and producing less heat.	Storage	In Progress	J. Preston
UCSB	Backup System Improvements	VTL, Software Evaluation (Atempo, Zmanda), SAIT to LTO, Archival Procedures	Server Management	In Progress	J. Preston
UCSB	Zimbra	A migration from our exim email system to a Zimbra 5.0.x system was very successful. User friendly webmail had been a demand placed on us over the last couple years, and Zimbra delivered. At the same time, our first venture into VMware ESX was for this installation. VM snapshots have saved our tail quite a few times during unsuccessful Zimbra upgrades.	Application Support	Completed/Planning for next version deployment	J. Preston

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	We installed a VPN	IT staff, library staff, and contractors demonstrated an increased demand to access specific systems that were not available from public networks. An OpenVPN system was put in place allowing us to specify user access, along with user specific acs.	Network	Complete	J. Preston
UCSB	Coffee cart network implementation	The students want their coffee. Prior to 2010, they had to leave the library to get it. Now they simply walk down to the 1st floor. Coordination between Dining Services, the Office of Information and System Technology (OIST), Communication Services (wiring) and ourselves was required in order to meet the demands of our caffeine deprived patrons.	Network	Complete	J. Preston
UCSB	Streaming Media Server	An increasing amount of our collections are in media formats that are stream-able, such as video or audio. For this, a streaming media service is an attractive option. At present the library uses an Apple Darwin streaming server for one of our audio collections, but would like to see what other options are available.	Application Support	Planning/Testing	J. Preston
UCSB	Migration our 2003 AD infrastructure to 2008	Throughout the years of production that our current Windows Active Directory system has been in place, we have noticed architectural design flaws that we would like to address. Along with these flaws, a general move to the latest AD schema, would be ideal.	Server Management	Planning	J. Ajao

## UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Installation of 10Gig to the building and switch room	Obligations to specific projects, along with our move towards a thin client rich environment has pushed our network requirements into the 10Gb realm. In coordination with our Communication Services and the Office of Information and Systems Technology, we are bringing a pair of 10Gb lines into our structure.	Network	In Progress	J. Ajao
UCSB	Library Website	Migrating the site to Drupal, major redesign of appearance, functionality, and information architecture to provide better information to students and integration with Library services.	Web	Target Fall 2010	I. Lessing
UCSB	Institutional Repository	Researching options for an institutional repository for campus, focusing on Fedora and DSpace. Fedora-based tools for archive validation and programmatic object updates have been created	Programming / Digital Projects	In Progress	A. Ross
UCSB	Intranet	Building an OpenAtrium/Drupal-based Library Intranet for document management and resource access. Rolled out in gradual phases, currently in use for meeting management and some IT documentation.	Web	Testing	A. Ross
UCSB	Map & Imagery Cataloging Enhancements	Various usability enhancements to custom-built Map cataloging tools.	Web	Ongoing	J. Ajao
UCSB	Digital Collections Website	Omeka-based website providing access to some Digital Collections.	Web	Limited Beta	I. Lessing
UCSB	Omeka Enhancement	Building Omeka Plugins to enable batch modification of objects.	Programming / Digital Projects	Planning	A. Ross

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Digitization Order Tracker	Drupal-based system to track Digitization orders, including notifications based on order status and integration with MIL Catalog	Web	Complete 6/2010	A. Ross
UCSB	Project Management	Deployment of activeCollab for Digital Project Management.	Digital Projects	Complete	I. Lessing
UCSB	Helpdesk Issue Tracker	Switched from RequestTracker to JIRA for helpdesk ticketing.	Desktop Support	Complete	A. Ross
UCSB	Code Repository	Migrated from CVS to Subversion for code management.	Programming	Complete	A. Ross
UCSB	Ingest Workflow Software	Creation of a discrete suite of tools to process disparate collections into a uniform, repository-compatible structure.	Digital Projects	Planning	A. Ross
UCSB	Library Single-Signon	Working toward AD-based single-signon in the Library. Most new systems this year make limited use of this.	Programming	Planning	J. Ajao
UCSB	Shibboleth	Shibboleth system to streamline access to subscription services.	Programming	Planning	J. Ajao
UCSB	Moodle-Library Integration	Create Library Services/Course reserves integration with Moodle-based Collaborate initiative.	Programming	Planning	J. Ajao
UCSB	Laptop Borrowing	Beginning lending program with 30 laptops.	Desktop Support	Imminent	J. Ajao
UCSB	Digitization	Completing infrastructure buildout of scanning and digitizing areas to accommodate library-wide and campus projects.	Digital Projects	In Progress	T. Moon
UCSB	Digitization	Testing Extensis Portfolio Server (DAM) for control of digital assets.	Digital Projects	target completion July 2010	T. Moon

## UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
UCSB	Digitization	Planning Library interaction and digitizing support for campus-wide Learning Management System, <i>Collaborate</i> (Moodle based).	Digital Projects	target completion August 2010	T. Moon
UCSB	Digitization	Creation of customized digital workflow and object processing tools	Digital Projects	planning	T. Moon
UCSB	Digitization	Creating metadata auto-embedding tools.	Digital Projects	planning	T. Moon
UCSB	Library Catalog	New servers acquired and being configured for upgrade to Aleph version 20. Moving from Sun SPARC/Solaris to Intel(x86)/Red Hat Enterprise Linux with VMWare.	ILS Aleph	target completion June 2010	A. Fidler
UCSB	Print journal records	Remove fields 007, 793, and 856 from print journal records since they are creating duplicate URL display in WorldCat Local.	ILS Aleph	target completion August 2010	A. Fidler
UCSB	LHR	Resubmit local holdings records to OCLC after print journal record cleanup and start weekly updates.	ILS Aleph	target completion September 2010	A. Fidler
CDL	Storage acquisition	Replace Sun/StorageTek with Hitachi Storage (128TB)	Data Center	target completion July 2010	J. Ober
CDL	System & application monitoring	Implement Groundwork/Nagios monitoring for all environments	Application support; server mgmt	Complete 6/10	M. McKinnon
CDL	Security - framework	Document CDL's information/IT security program	Policy - security	In Progress	J. Ober
CDL	Security - intrusion detection	Deploy Tripwire for intrusion detection	Policy - security; server	In Progress	J. Somontan
CDL	Security - staff training	Review policies and IAS staff responsibilities	Policy - security	In Progress	J. Ober
CDL	Security - account management	Deploy centralized Unix/linux/solaris account & sudo mgmt	Policy - security; server	planning	J. Ober

UC Libraries LTAG 2010 Projects List.xlsx

Campus	Project Name	Project Description	Project Type	Status	Contact
CDL	Streaming media	Create general purpose streaming media server/service	Application support	Complete 5/10	S. O'Hara
CDL	Management dashboard service	Pilot dashboard statistical presentation tool(s) for various mgmt stats	Application support	In Progress	S. O'Hara
CDL	Cloud services	Assist pilot use of Amazon Web Services elastic computing; assess future feasibility	Application support	ongoing	J. Ober
CDL	Server virtualization	Deploy VMWare for development and stage environments (linux/solaris)	Server mgmt; application	In Progress	J. Ober
CDL	Rearchitect database backups	Convert MySQL db backups to utilize SAN snapshots	Application support	target completion July 2010	A. Auyang
UCD	Web-based statistical automation report generation for all statistics	Create web based statics collection	Application Development	planning	
UCD	Web-based Training for library applications and yearly Cyber Safety	Create web based training for UCD Library applications	Application Development	planning	
UCD	Web-based travel request and approval	create online approval process for travelling requests	Application Development	Testing	
UCD	Office 2010 upgrade	Roll out office 2010	Workstation	In process	
UCD	Library Website redesign	update the General Library website	Web	planning	
UCD	Course guides redesign	Redesign the course guides application	Application	Completed	
UCD	NGM - LHR ect...	Working with OCLC	ILS	In process	
UCD	Archivist toolkit upgrade	Install Archivist toolkit for Special Collection	Application support	In process	
UCD	Email and Calendaring upgrade	Upgrade to Zimbra 6	Application	In process	
UCD	EDI for all vendors	Convert all vendors to EDI	ILS	In process	
UCD	Upgrade ILS to v20	Upgrade to version 20	ILS	planning	