DNS

Department Annual Report Highlights

for FY2008-2009

Administrative:
- Filled temporary APT for Scholarspace support position and temporary APT for Grant Project Manager (NDNP federal grant)
- Coordinated planning and purchasing of equipment and software funded by legislative supplemental allocation for public and classroom computing upgrades
- Facilitated co-sponsorship of Medical Library Association training workshops in May and donation of $1,900 to Library's UH Foundation Innovation fund
- Dept staff contributed 4 hours per week to reference service (Sci/tech desk and Chat Ref) and responded to nearly 400 electronic resource troubleshooting requests

Institutional Repository/Scholarly Communication:
- Added 14, for a total of 27 Communities in ScholarSpace and over 7,700 items (up for 1,000 last year)
- In collaboration with the University of Hawaii Press, developed Pacific Science community, our largest ScholarSpace community with over 2,200 items.
- Expanded the Dissertations & Theses Community to over 1,700 items
- Added UH Catalogs 1921-1974 digitized from microfilm
- Upgraded ScholarSpace from Dspace version 1.4.2 to 1.5.2
- Created procedure and script to do voyager/proquest imports for digitized dissertations
- Created script to handle excel imports into ScholarSpace
- Batch imported approximately 2200 files those methods for last FY
- Completed campus-wide IR/Scholarly Communication needs assessment and presented results at the Technology, Community and Colleges 2009 Online Conference
- Began work with a team of librarians and faculty to explore scholarly communication issues on campus; addressed these issues at a campus presentation
- Migrated ScholarsSpace to dedicated hardware and created 2nd dSpace eVols

Digital Collections/E-resources:
- Installed open source application CollectiveAccess, made available to Archives, Charlot, Preservation
- National Newspaper Digitization Program 2008 grant - $200,000.00 and additional 2009 award of $140,920.00
- PRDLA Panel presentation on Oceania Digital Library (ODiL)
- Facilitated digitization of approximately 1,800 dissertations published between 1960 and 1983 from Proquest microfilm funded by Graduate Division
- Expanded OAI harvesting of Streetprint and ScholarSpace collections, indexed by Google Scholar
- Enhanced security of electronic resource publishers by converting Interlibrary loan and electronic journals to accept only UH usernames
- Modified the electronic resources gateway to allow users to go back and revise their search terms for enhanced usability

**Public Computing:**
- Replaced 50 public computers with newer PCs, replaced 20 PCs in HL classroom 113
- Implemented authentication system for UH affiliation access only using ITS LDAP
- Setup (3) Microfilm scanning workstations
- Installed media/presentation equipment in the Archives Reading Room
- Recycled about 75 CRT monitors, 50 PCs, and 12 printers through Apple's Recycling Program
- Installed equipment in SL Learning Arenas and Student Success Center

**Network:**
- Installed fiber backbone in Sinclair, which improved network speed from 10Mbps to 100Mbps
- Provided gigabit connections to servers in Hamilton, increasing speed of internal data transfer
- Improved wireless access in Hamilton through installation of additional wireless access points

**Video Security**
- Improved security at Hamiton and Sinclair through installation of additional security cameras

**Servers:**
- Implemented a D2D (Disk-to-disk) backup system for SL's servers
- Upgraded server storage capabilities
- Converted proxy login to campus LDAP
- Kept uptime high despite heat-related hardware failures
- Installed a 2nd virtual server to run windows hyper-v to provide standby backups of certain public facing servers