

**School of Information
Information Technology Vision Plan REFRESHED
FY 2004-2005**

2003-2004 Vision Plan Updated April 5, 2004

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Executive Summary

The FY 2003-2004 Vision Plan described nine projects and requested continued infrastructure improvements for a total request of \$155,350 including the permanent allocation of \$63,000. The School of Information received a recurring, annual infrastructure allocation of \$76,230 (a very welcome \$13,230 increase from the previous recurring allocation.) Out of the \$92,350 requested for one-time projects we received \$32,737. Progress on these projects is reported below (in green.) Many of the projects are not one-time but ongoing in that they support existing curriculum this is evolving to embrace digital library initiatives and the usability of these resources.

FY 2003-2004 PROJECTS COMPLETED OR IN THE WORKS

The proposed projects listed below are provided in priority order.

Project	Estimated Cost
Digital Video Library	\$6,500
Document Cameras	\$7,500
Portable Usability Lab	\$20,000
Photo and Text Digitization	\$4,500
Network Attached Storage	\$20,000
Voice Recognition	\$1,650
Sound preservation	\$14,700
CDL Wireless	\$2,500
Film to Video Conversion	\$15,000
Permanent allocation	\$63,000
TOTAL 2003-2004 REQUEST	\$155,350

1. **Digital Video Library Project.** The goal of the project is to establish campus-wide policies for the management of video collections as well as procedures for digitizing, managing, and utilizing digital video collections. The project will provide a test bed for digital library research and development. Additionally, collection development and management projects will provide an instructional laboratory for students in the School of Information. Servers and software have been upgraded, as well as additional digital video cameras purchased to support work on the Texas Legacy Project, UT's History of the Web at UT project, and "Memory, History and Oral Narratives: Mexican American Politics in Texas History," taught by Emilio Zamora), in conjunction with the Public Policy Institute (Department of Government), the Mexican American Library Program (Nettie Lee Benson Latin American Collection) and the Center for Mexican American Studies.
2. **Document Cameras for Classroom Teaching Consoles.** This project will add document cameras to our teaching classrooms. Cameras are on order.
3. **Portable Usability Lab.** ISchool students and faculty will have access to state-of-the-art usability testing equipment for class projects relating to the Digital Knowledge Gateway, as well as student involvement in other usability research projects. School has received space within Dr. Slatin's Institute for Technology and Learning center in the FAC. Experimental software is on order to be used to usability test iSchool online tutorials developed to support technology skill development for iSchool students, including undergraduates enrolled in INF 312, Information in Cyberspace. Faculty teaching usability testing will guide the development of these tests.
4. **Photo and Text Digitization.** This project will provide scanners for student use capable of batch processing both pictures and text artifacts. \$4,500. Two scanners have been purchased, two more will be purchased with Joint Vision plan details to be provided with General Libraries Digital Libraries Services Division by April 12th.

5. **Network Attached Storage.** This project will provide iSchool students with access to a networked video storage repository to safely backup student video projects. \$20,000. *We have yet to proceed with this project, but plan to do so.*
6. **Voice Recognition for Captioning and Accessibility.** Recent Federal requirements mandate the inclusion of synchronized captions for multimedia content. This project will purchase and evaluate the use of voice recognition software and digital voice recorders for use in automating the production of transcripts necessary to provide captioning for multimedia materials, particularly online tutorials and digital transcription of oral history materials. \$1,650. *Voice Recorders were purchased and evaluated with a classroom trial (failure for voice recognition, but have been used for note taking and research.) More experimentation will occur shortly with voice recognition.*
7. **Sound Preservation Equipment.** ISchool continues to develop courses devoted to sound restoration and archiving. This project will purchase additional computers dedicated to sound preservation for student use, and the necessary hardware and software to support them. \$14,700. *This project will receive a rewrite in conjunction with DLSD before April 12th as a joint project.*
8. **Wireless Network to CDL.** Upgrade switch and related hardware in CDL to accommodate wireless connectivity for students and faculty in the Preservation and Conservation Studies Program \$2,500. *Network census has been done by network services. We await their purchase recommendations, but plan to order necessary equipment before the end of the fiscal year.*
9. **Film to Video Conversion Equipment.** Conversion of archival films to digital video for improved access and preservation is the focus of this project. SI will purchase and teach students how to do telecine conversion of a variety of film formats. \$15,000. *This project will receive a rewrite in conjunction with DLSD before April 12th as a joint project.*