

December 24, 2006

Project Title: Digital Image Search & Distribution System

Project Category: Strategic Initiative Grant

Principle Investigator: Allison J. Cywin

Final Report

As outlined in the grant the University of Massachusetts Dartmouth's Visual Resource Collection has set out to implement PHASE 3 of its digital initiative: to acquire and to construct a centralized digital image digital asset management system.

July - August

- Negotiated contract and license with LUNA Insight (digital asset management system)
- Selected and acquired Sun Fire T2000 server to support digital assets and the LUNA DAM application.
- CITS completed installation of the Sun Fire T2000 server and LUNA application.
- Acquired an Oracle license from CITS.

September – December

- Install LUNA application to VRC local computers.
- Hired and trained students to oversee daily operation of VRC, which enabled the curator to concentrate on the grant project.
- Scheduled and completed LUNA application training in the following areas.
 - Collection Creation
 - Data Design and Migration
 - Custom Development
 - Virtual/Personal Collection
 - Administrative Training
- Developed database structure (sent out copies for peer review)
- Constructed database and field elements including authority records
- Texted database construction
- Completed first draft of instructional guide for descriptive metadata for digital image and multimedia objects. Manual includes field name, field definition, established lexicon and index protocols, data format and field element mapping.

January - June

- Oracle training for CITS & VRC
- Complete LUNA training in the following areas.
 - JPeg 2000 Wavelet
 - Media Manager
 - XML Gateway

- Completed general field lexicons
- Tested descriptive metadata instructions and database system for accuracy and ease of work (Graduate & undergraduate students tested the system.)
- Made revisions to instructional manual and completed database structure.
- Cleaned, mapped and imported existing descriptive metadata records (1400 records) to the new Luna DAP system
- Imported and mapped 1400 images to descriptive metadata records
- Evaluate and integrate current scanning and cataloging workflows and procedures
- Begun to populate database with descriptive content and digital images content.
- In preparation of PHASE 4 of project, VRC's constructed and launched it first website.
- Wrote and receive grant in support of Phase 4 which includes the construction and integration of LUNA and UMassD system and to build a web portal for faculty and students to gain remote access to the VRC digital repository.
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