Digital Curation Education in Practice: Catching up with Two Former Fellows

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Agenda

• DigCCurr I Context & Objectives
• Methodology
• Our Experiences - Then & Now
• Evaluation & Suggestions
“to develop an openly accessible, graduate-level curricular framework, course modules, and experiential and enrichment components and exemplars necessary to prepare students to work in the 21st century environment of trusted digital and data repositories”
What knowledge and competencies do professionals need to do digital curation work?

What should students learn in the classroom?

What should students learn through field experiences?
DigCCurr I Curriculum Development

Guiding Questions

6-Dimension Matrix (Functions and Skills)

Modules

Courses / Field Experiences
## DigCCurr I Coursework

<table>
<thead>
<tr>
<th>LIS Core</th>
<th>DigCCurr Specific</th>
<th>Electives</th>
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<tbody>
<tr>
<td>• Information Tools (Guss)</td>
<td>• Introduction to Archives</td>
<td>• Introduction to Databases (Gregory)</td>
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<td>• Human Information Interactions</td>
<td>• Archival Appraisal</td>
<td>• Professional Field Experience (Guss)</td>
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<td>• Information Resources and Services</td>
<td>• Carolina Digital Curation Fellows Introductory Seminar</td>
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<td>• Organization of Information</td>
<td>• Digital Curation: Application and Challenges</td>
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<td>• Management for Information Professionals</td>
<td>• Digital Libraries</td>
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<td>• Research Methods</td>
<td>• Digital Preservation and Access</td>
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<tr>
<td>• Resource Selection and Evaluation</td>
<td>• Electronic Records Management (Gregory)</td>
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<tr>
<td>• Master’s Paper</td>
<td>• Systems Analysis</td>
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<td>• Understanding IT for Managing Digital Collections</td>
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Methodology

- Functions & Skills
- Classes & Work Experiences

Job Duties

Suggested Additions to Curriculum
Methodology: Functions & Skills

- Access
- Administration
- Advocacy & Outreach
- Analysis & Characterization of Digital Objects/Packages
- Analysis & Evaluation of Producer Information Environment
- Archival Storage
- Common Services
- Collaboration, Coordination & Contracting with External Actors
- Data Management
- Description, Organization & Intellectual Control
- Destruction & Removal
- Identifying, Locating & Harvesting
- Ingest
- Management
- Preservation Planning & Implementation
- Production
- Purchasing & Managing Licenses to Resources
- Reference & User Support Services
- Selection, Appraisal & Disposition
- Systems Engineering & Development
- Transfer
- Transformation of Digital Objects/Packages
- Use, Reuse & Adding Value to Accessed Information
- Validation & Quality Control of Digital Objects/Packages
- [META] Analysis & Documentation of Curation Functions
- [META] Education & Sharing of Expertise or Guidance on Curation Functions
- [META] Evaluation & Audit of Curation Functions
- [META] Research & Development to Support Curation Functions
S. Guss

- B.A. English
  - Technical Writing, Agricultural & Social Sciences

- Academic library experience
  - Pennsylvania Newspaper Project
  - Hemingway Letters Project

L. Gregory

- B.A., M.A. in English
- Technical editing
- Higher education administrative support

- Academic library experience
  - Special Collections
  - Visual resources
  - Personnel department
Then: DigCCurr

Field Experiences

Coursework

Other Work Experience

NCSU, UNC-CH reference

LIS Core

DigCCurr Specific

Electives
• Data Services Librarian
  – Data Service Studio
  – Data Services & Liaison to Wagner Graduate School of Public Service
    • Reference
    • Instruction
    • Acquisitions
  – Project work related to managing/preserving numeric & geospatial data
Now

• Digital Projects Liaison
  – Manages larger-scale, grant-funded digitization project
  – Digital preservation activities
    • digitalpreservation.ncdcr.gov
    • webarchives.ncdcr.gov
  – Liaison with state agencies regarding digital activities
  – Interface design and usability testing
Now

- Access
- Administration ✓✓
- Advocacy & Outreach ✓✓
- Analysis & Characterization of Digital Objects/Packages
- Analysis & Evaluation of Producer Information Environment ✓
- Archival Storage
- Common Services
- Collaboration, Coordination & Contracting with External Actors
- Data Management
- Description, Organization & Intellectual Control
- Destruction & Removal
- Identifying, Locating & Harvesting ✓
- Ingest
- Management ✓
- Preservation Planning & Implementation ✓✓

- Production
- Purchasing & Managing Licenses to Resources
- Reference & User Support Services ✓
- Selection, Appraisal & Disposition ✓✓
- Systems Engineering & Development ✓✓
- Transfer
- Transformation of Digital Objects/Packages
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- [META] Evaluation & Audit of Curation Functions
- [META] Research & Development to Support Curation Functions ✓✓
Now

- Administration ✔ ✔
- Advocacy & Outreach ✔ ✔
- Analysis & Evaluation of Producer Information Environment
- Collaboration, Coordination & ✔ ✔ Contracting with External Actors
- Identifying, Locating & Harvesting ✔ ✔
- Management ✔
- Preservation Planning & Implementation ✔ ✔
- Reference & User Support Services ✔
- Selection, Appraisal & Disposition ✔ ✔
- Systems Engineering & Development ✔ ✔
- [META] Education & Sharing of Expertise or Guidance on Curation Functions ✔ ✔
- [META] Research & Development to Support Curation Functions ✔ ✔
Evaluation

worth the hype!
Combination of practicum and course work
Ability to communicate with IT professionals

worth the hype!

photo: slworking2 http://www.flickr.com/photos/slworking/5015049659/
Emphasis on access AND preservation

worth the hype!
Awareness of international conversation

worth the hype!

more exposure to
more exposure to Project Management

photo: Geodog http://www.flickr.com/photos/geodog/2518202548/
more exposure to

Content creators

photo: glaciernps http://www.flickr.com/photos/glaciernps/4428182432/
photo: Wessex Archaeology http://www.flickr.com/photos/wessexarchaeology/4789671796/
photo: Ana Carmen http://www.flickr.com/photos/anacarmen/2267997608/
more exposure to

Public services experience

photo: illustir http://www.flickr.com/photos/alper/2504906427/
more exposure to

Interface design & evaluation

photo: Librarian in Black http://www.flickr.com/photos/librarianinblack/5042358053/
more exposure to

Change management

25 million years ago  2.3 million years ago  1.8 million years ago  Homo Erectus

photo: Rex http://picasaweb.google.com/lh/photo/6ePWwidMRIZBPXGW0425Q
(a) We are librarians, not archivists. (b) We’re both lucky to have quite a bit of flexibility in our jobs, which may affect the types of activities and functions we’ve engaged in. (c) In any field or profession, some thing will always need to be learned on the job. (d) The two of us represent a very small sample size for any analysis.
(a) We’re librarians.
(b) Our jobs are flexible.
(c) Some things have to be learned on the job.
(d) Our sample size is very small.
Why (we hope!) our observations are still useful...
thank you

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