

Cultural Heritage Informatics Leadership Librarians: How an American Library and Information Science Program is Changing the Course of Preservation in the Digital Age

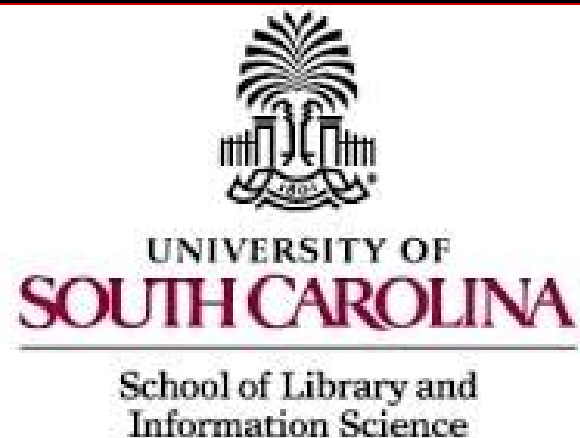
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Preservation in the Digital Age



"...let us save what remains:
not by vaults and locks
which fence them from the
public eye and use in
consigning them to the
waste of time, but by such
a multiplication of copies,
as shall place them beyond
the reach of accident."

---Thomas Jefferson

3rd American
President

Two Urgent Questions

1. Who will be **qualified** to preserve and conserve our cultural heritage in the Digital Age?

2. What **specialized skills** will be required of librarians and information scientists in the 21st Century?

Re-Imagining LIS Education

Cultural Heritage Informatics Leadership Librarians (CHIL)

- Understanding complexities and emerging trends regarding digitization of cultural heritage
- Immersion in interdisciplinary coursework
- Full-time field placements/ internships in museums, libraries, and archives
- Opportunities to explore digital technologies and social systems supporting creative and collaborative environments

Laura Bush 21st Century Librarian Grant

CHIL

- Woodrow Wilson Responsive PhD Model

Four Thematic Principles:

- New Paradigms ~ *what encourages adventurous scholarship?*
- New Practices ~ *Can PhD education be truly developmental?*
- New People ~ *Can PhD education be socially responsive; more racially inclusive?*
- New Partnerships ~ *Can PhD education ensure collaborative relationships outside academia?*



CHIL: Training Preservationists in the Digital Age

1st
Year

- LIS and Informatics pedagogy

New
Paradigms

- Social/cultural settings & technologies

CHIL: Training Preservationists in the Digital Age

2nd Year

- Interdisciplinary course of study

New
Practices

- **Museum Management, Collection Development, Archival Preservation, Historic Site Interpretation, Material Culture Studies, Social Media and Marketing, Museum Exhibition, etc.**

CHIL: Training Preservationists in the Digital Age

3rd Year

- One semester internship/field study

New
Partnerships

- Immersive Digital Projects: Digital Preservation, 3D Scanning, 3D printing, etc.

CHIL: Training Preservationists in the Digital Age

4th year

- SLIS Teachings Assistantships

New
Partnerships

- Leadership Training/Resume field study partnerships; Dissertation data collection

Current CHIL Fellows

Liya Deng,
China



Sara
Chizarai,
Iran



Porchia
Moore, USA



Hassan Zamir,
Bangladesh



Jason
Alston,
USA



Stan
Trembach,
Russia



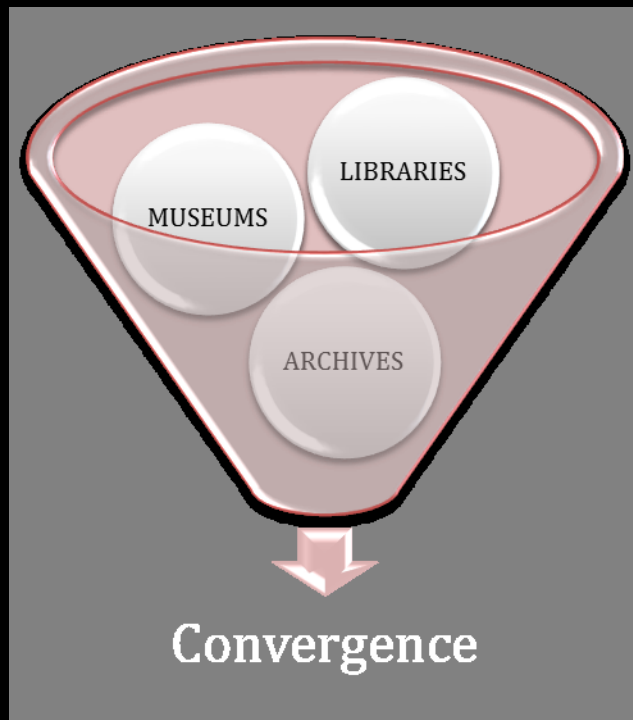
Ramona
LaRoche, USA



Celeste A Re,
USA



CHIL: Responsive LIS Education in the Digital Age



Convergence & Preservation and Digitization Projects:

- Transforms job titles/duties
- Demands specialized training
- Empowers practitioners to digital stewardship

Abbreviated List of Resources

Chu, F. T. (2007). Bridging the LIS-practitioner gap: some frames for research. *Library Philosophy and Practice*.

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He, Shaoy. (2003). Informatics: a brief survey. *The Electronic Library*, 21, 2, 117-122.

Kling, R. (2000). Learning about information technologies and social change: The Contribution of social informatics. *The Information Society*, 16, 217-232.

Marty, P.F. (1999). Informatics and collaborative technologies: The emerging socio- technological dimension of information science in museum environments. *Journal of the American Society for Information Science*, 50, 1083-1091.

Sugimoto, C. R., Russell, T. G., & Grant, S. (2009). Library and information science doctoral education: The landscape from 1930-2007. *Journal of Education for Library and Information Science*, 50, 3, 190-202.

Thank You

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