What can we learn from the data?

Preparing the workforce for digital curation: The iSchool perspective

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Eight years of job posting data (Indeed.com) ...

Traditional employment areas appear to be flat or declining.
Non-traditional employment opportunities are emerging and appear to be increasing.
Growth rate seems to be strongest in jobs that didn’t exist five years ago. So what does this mean for iSchools?
Entry level = Bachelor's degree

Grad students are largely international or already in workforce

Entry level = Master's degree

How might iSchools adapt traditional LIS curricula to address emerging needs and opportunities in digital curation?

Workforce Demand

Workforce Surplus
... not in Kansas any more.

atoms $\Rightarrow$ bits
mass prod $\Rightarrow$ mass customization
push $\Rightarrow$ pull
coordination $\Rightarrow$ transaction
organization $\Rightarrow$ enterprise

... and challenge $\Rightarrow$ opportunity
“Skill Gaps”*

1. Approaches to preserving research outputs
2. Knowledge of data management and curation, including ingest, discovery, access, dissemination, preservation, and portability
3. Knowledge to comply with the mandates of funders, including open access requirements
4. Knowledge of data manipulation tools used in the discipline/subject
5. Knowledge of data mining
6. Knowledge on the use of metadata and skills to develop metadata schema appropriate to discipline / subject standards and practices
7. Ability to preserve relevant project records, e.g. correspondence
8. Knowledge of sources of research funding to identify potential funders

What we heard from IBM regarding new jobs & education*

- Enterprise Governance Architect
- Enterprise Architect - Data Governance
- Data Curator & Analyst
- Senior Data Steward

*Steven Miller, 2012 Symposium on Digital Curation