2012.05.21.1000: 3rd Annual UNT Open Access Symposium

Subject	**Panel 1: Funding Data Intensive Research (Steve Griffin (U of Pitt iSchool), Carly Strasser (UC3), John Kunze (UC3))**

NOTES

Griffin

- Cyber scholarship driven by new interfaces and tools for access, management, analysis, interpretation, presentation, and reuse of data
- Differentiates between
  - eScience
  - Data-driven research (experimental data)
  - Data-intensive research (hybrid data) =>
    - Perseus Project at Tufts http://www.perseus.tufts.edu/hopper/
    - Electronic Cultural Atlas Initiative (ECAI) http://www.ecai.org/
    - Cf. www.romereborn.org
- Priority for support by libraries, by data type (low to high):
  - eScience simulation data
  - Experimental data 1 (automated collection/prepraation)
  - Experimental data 2 (human involvement)
  - Higher-order computed data objects
- Libraries can lead the effort to create new models for scholarly communication

Kunze

- "CDL is a university library with no books, no students, and no faculty."
- "Data dissemination is rare, risky, expensive, labor-intensive, domain-specific, and receives little credit as research output."
- Stable storage is the sine qua non of curation.
- UC3 services:
  - Merritt
  - EZID => helps generate citations, with which you can get credit
  - DMPTool
  - WAS
  - DataONE: distributed network of member and coordinating nodes, supported by an Investigator's Toolkit
  - Data Paper = minimally, a cover sheet and a set of links to archived data
  - DCXL = data curation for Excel

Strasser

- Scientists aren't trained in data management and aren't even sure they should do it.
- Objective: insert themselves into the scientist's workflow
- DCXL is both an add-in and a Web App
- Requirements:
  - Compatibility check
  - Metadata generation
  - Citation generation
  - Posting directly to a repository

- Vision for the future
  - Community adoption
  - Extension to other programs: Google Docs, Open Office
  - Incorporating other metadata schemas
  - Repository adoption
  - Partnerships

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