



## **Cyberinfrastructure 2010 in the Rockies: A Human-Centered Program**

**August 13, 2010**

Afternoon Breakout Discussion Groups, Discussion Moderator, example questions to start discussion, and Lory Student Center Room. NOTE: Some of the original discussion topics have been merged together as noted below.

1. Why not the Google Cloud? – Alan Charnes, The Alliance **LSC Room 230**
  - a. Yes, Google provides worldwide exposure and accessibility at no cost, but why should I permit Google to make money on my work?
  - b. Who owns the content, Google or me?
  - c. Is Google a trusted repository? What happens to my stuff if Google craters or merges? Should I worry?
  - d. What if I want to restrict our content to a selected audience? Can Google provide that service? Is there an alternative?
2. Working across boundaries/human dimensions: models for collaboration **AND** Human Dimensions of CI – H. J. Siegel, ISTeC **LSC Room 213**
  - a. How do you build a people infrastructure that spans all colleges within a university?
  - b. How do you find activities that interest multiple colleges?
  - c. How do make multi-college activities happen?
  - d. What are administrative obstacles and how do you (try to) overcome them?
  - e. What information, training, and tools will a campus need to provide to end-users (faculty, researchers, etc.) for CI?
  - f. What are the skill sets and trained professionals (within libraries and IT) needed to support campus CI environments in the future?
  - g. What are the important end-user needs that should be accounted for in CI environments?
3. What? There are still libraries buying print books, or why does anyone under the age of 30 still visit a library **AND** Will my great grand-daughter have access to my articles? – George Machovec, The Alliance **LSC Room 220**
  - a. Will all in-person library services be mediated virtually?
  - b. How will patron-driven acquisition of information and next-gen discoverability engines change the perceived value proposition of the library?
  - c. What will happen to collaborative resource sharing, especially ILL/document delivery and last print archives?
  - d. Will all information wanted by library customers be available online?

- e. Will the current packaging of journals and books deconstruct to mix-and-match multi-media objects?
  - f. Will the definition of a bricks and mortar “library” be synonymous with “student center”?
  - g. Stability of digital formats.
  - h. Migration of digital formats.
  - i. Who is responsible?
  - j. What are we willing to let go?
  - k. What about support for obsolete applications?
4. What’s happening at your institution regarding Open Access **AND** Open Access or opening a can of worms? – Town Peterson, KU **LSC Room 214**
- a. Is OA an active topic among librarians at your institutions?
  - b. Is OA an active topic among faculty at your institutions?
  - c. Have you had an OA initiative? Successful or not?
  - d. Are you contemplating an OA initiative?
  - e. How was or will be your OA initiative constructed?
  - f. Who led the OA initiative?
  - g. What were the keys to success?
  - h. What were the significant negative factors?
  - i. What would you do differently were you to conduct another OA initiative?
  - j. Will impending budget reductions be a factor in a future OA initiative?
  - k. What do you anticipate will be the impact upon of OA of the proposed federal law requiring deposit of scholarly communications in open access journals?
  - l. Should OA be a replacement to traditional scholarly communications or can it survive in a symbiotic relationship?
  - m. What are some transferable principles from the Physics OA model that can be readily applied in other disciplines? (eg. arXiv)
  - n. Is there a “tipping point” for OA? How will we know when we are getting close?
  - o. Baiting the hook...Who are the most important stakeholders to reel in, if you want a successful OA movement on your campus?
  - p. Are there sharks in the water? Spotting “Predatory” OA publishers and other considerations to keep in mind.
5. IT and Libraries: operational paradigms **AND** How do we respond/react to federally-mandated data management requirements? – Jeff Bullington, CSU **LSC Room 228**
- a. How could campus library and IT units’ best work together to support CI needs for the campus and researchers?
  - b. How could they work with other campus units (academic departments, research centers, etc.) to the same?
  - c. What knowledge, skills, and values do libraries have to apply to building and supporting CI?
  - d. What knowledge, skills, and values does IT have to apply to building and supporting CI?
  - e. What knowledge, skills, and values do faculty/researchers have to apply to building and supporting CI?

- f. What is happening at your institution, and who is exploring these issues now?
    - i. Offices of Sponsored Programs
    - ii. Research Associate Deans
    - iii. VP for Research?
    - iv. Others?
  - g. Where will the data be stored?
    - i. Faculty PCs? Departmental servers?
    - ii. Institutional servers?
    - iii. Shared, collaborative servers, e.g. the ADR?
    - iv. External sites, e.g. supercomputer centers?
    - v. We should be flexible in this regard?
  - h. Where will the metadata be stored?
    - i. See item 2 above.
    - ii. Who verifies the metadata?
  - i. What does this entail?
    - i. Massive data storage. How?
    - ii. Massive data backup? How?
    - iii. Transcoding when formats/standards change? Who? How?
  - j. To what degree are libraries or librarians involved in this? Should they be?
  - k. So, how are these initiatives going?
  - l. What advice can you offer to other institutions in terms of what they should be doing in regards to this?
6. Copyright and Intellectual Property: The future of scholarly communications?
- Dawn Paschal, CSU **LSC Room 217**
- a. What do faculty and researchers need to know about author copyrights and intellectual property rights, including more traditional copyright, licensing, and alternatives for rights management (e.g., Creative Commons)?
  - b. What strategies might be employed to interest faculty, researchers, and students in using Creative Commons licenses for their research and scholarship?
  - c. How can librarians best support the needs of faculty and researchers in determining/negotiating their copyrights?
  - d. Does anyone in the group know someone who has used an author addendum? What was the outcome?
  - e. What concrete steps can faculty, librarians, and IT take to regain control of scholarly communication?
  - f. What information about copyright do faculty and researchers need to facilitate self-archiving, open access, and alternative publishing methods for their research outputs?
  - g. What kinds of services, if any, has your library provided as far as copyright is concerned? Are faculty and students asking for assistance?
  - h. When talking with faculty, what questions or issues have they raised about copyright and scholarly communications?