The Duke University Libraries’ Experience with the ARL/DLF E-Science Institute

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May 2, 2012
A Positive Experience

- Confirmed strategic directions
- Reinforced relationships and partnerships
- Increased understanding of e-research environment at Duke
- Promoted role of Libraries in that environment
Core Team

- Robert L. Byrd, Associate University Librarian for Collections and User Services
- Teddy Gray, Biological Sciences Librarian and Coordinator of Subject Librarians for the Sciences and Engineering
- Robert Calderbank, Dean of the Natural Sciences
- Molly Tamarkin, Associate University Librarian for Information Technology
Inclusive Process

- 4 Members of Core Team
- 20 Librarians Participating
- 18 Interviews Conducted
We Asked

- What sorts of research or scholarship involving new technologies are impacting the way you conduct your work?
- What specific services are needed to support these new kinds of research and scholarship?
- What are the gaps or pressure points where more support is needed or desired?
- Do you see a role for the library in e-research services?
We Heard

- Project management is the hard part.
- Programming support is needed to manage media, enable collaborations, and facilitate exploration.
- There is no clearinghouse for e-research support.
- We don’t know what resources, tools, and expertise are available at Duke.
- A local data repository is needed for synthesized or analyzed datasets.
Opportunities for Support of E-Research by Duke University Libraries

**Data Management and Curation**
- Access, discovery, archiving of Duke-created data
- Assistance with data management and data management plans
- Managing restricted data and licensing

**Metadata/Ontologies**
- Consulting on metadata structures and ontologies and on discipline-specific data standards
- Stewardship of identities and identify networking services

**Outreach/Support/Learning**
- Consulting on e-research tool selection and disciplinary-specific methodologies
- Workshops, training, and clearinghouse regarding tools, learning opportunities, and available resources
- Tools, infrastructure, and support for publication and dissemination of scholarly output
Related Activities and Partnerships

- Digital Futures Task Force promoted open access policy and management of research data, 2009-present
- Data/GIS Services partnered with VP for Research to provide guidance on data management plans, 2010-present
- Libraries partnered with Research Computing to create Visualization Coordinator position in Data/GIS, 2011-2012
More Related Activities and Partnerships

- Libraries converted digital collections position to head of Digital Scholarship and Production Services, 2011
- Mellon Foundation grant provided funds for Digital Humanities Technology Consultant, 2012
- Libraries formed Research Commons Exploratory Committee, 2011
Convergence

Existig Services and Partnerships

Strategic Agenda for Support of E-Research

Communication
Organizational changes
Expanded services

Research Commons Exploratory Committee