

The CSU Digital Repository and Digital Data Management

The CSU Digital Repository is a database designed to store, index, distribute, and preserve the scholarship of faculty, researchers, staff, and students of the university in digital form.

Benefits:

- Increased visibility
- Citation impact
- Preservation
- Persistence
- Digital publishing
- Copyright control

Content:

- Theses and dissertations
- Books
- Journals and journal articles
- Conference presentations
- Award –winning student research
- Agricultural Experiment Station research

NSF Data Management Requirements

All proposals submitted as of 1/18/11 must include plans for data management

- Will contribute to merit review process
- NSF wants to maximize value of data, ensure it will be preserved and used

Assistance to NSF Researchers

- Plan templates with draft language (optional) developed for proposals in consultation with FCCL and CRAD:
<http://lib.colostate.edu/repository/nsf>
- Requests for help thus far: 4
- Encouraging deposit in DR for small (up to 200 GB and medium (200 GB-10 TB) datasets, plus user manuals, publications, etc.
- Large datasets (over 10 TB) stored outside of the DR

NSF MRI Grant Proposal

- Projected needs for research data storage (2009 survey): ca. 5 PB in 5 years!
- The DR currently has 3 TB of storage
- CSU needs expanded digital repository infrastructure for data management
- NSF MRI development proposal due to OSP 11/1/11, to NSF next January
- Will request \$2-4 million for ~10 PB of storage

