Welcome to the March 5th CPI meeting

Today’s agenda includes the following items:

• **The Future of IT at Texas A&M University** – Mr. Adam Mikeal, Director of IT, College of Architecture

• **Federal Public Access Mandates and the Emerging Need for Data Repositories** – Dr. Bruce Herbert, Director of the Office of Scholarly Communication, Sterling C. Evans Library
The Future of IT at Texas A&M
ITAC
Information Technology Advisory Committee

• Formed June 2008, sponsored by Dr. Cantrell
• University wide representation
• Initially focused on reviewing and advising
• Transitioned to collaborative work
• Many successful initiatives
Changes in the IT Landscape

- An explosion in mobile devices
- The ubiquity of online information
- The changing social landscape
- The consumerization of technology
... we [must] make new, original decisions and investments that will knit together the traditional elements of Education First [teaching, research and service] and enable the innovations required to take Texas A&M to new levels of performance, productivity and impact.
Our Vision: A Culture of IT Innovation

Our vision is to create a competitive advantage for Texas A&M through a culture of collaborative IT innovation.
Where we go from here

• University wide IT strategic plan
• Constituent input
Engage the Community

• Academic Operations Committee
• Committee of Senior Business Administrators
• Council of Deans
• Council of Principle Investigators
• Department Head Council
• Graduate Operations Committee
• Graduate Student Council
• Staff Council
• Student Senate
• University Research Council
• SBP Round Table
Federal Public Access Mandates and the Emerging Need for Data Repositories – Dr. Bruce Herbert, Director, Office of Scholarly Communication, Sterling C. Evans Library
Federal Public Access Mandates and the Emerging Need for Data Repositories

Dr. Bruce Herbert, Director
Office of Scholarly Communications

Sandy Tucker, Head
Science and Engineering Services
Emerging Issue: Open Access

A movement in higher education to increase access to scholarly research and communication, not limiting it solely to subscribers or purchasers of works.

- Open Access literature is digital, online, free of charge, and free of most copyright and licensing restrictions.
- Works are still covered by copyright law, but Open Access terms often allow sharing and reuse.
- All major OA initiatives for scientific and scholarly literature insist on the importance of peer review.

http://sparc.arl.org/issues/open-access

Texas A&M University
A Land Grant, Space Grant, and Sea Grant Institution
Emerging Issue: The Audience for Open Access

The audience for scholarly communications has changed over time.

- Originally, communications was peer-to-peer, with a defined audience.
- As publishing matured, the audience widened to communities within scholarly disciplines.
- With the advent of the Internet, a broader audience can be easily reached, the general public.

http://library.uncc.edu/openacc
Emerging Issue: Open vs. Public Access

The audience for scholarly communications has changed over time.

- **Open access** typically means research is available without a fee and that some rights are provided for reuse, redistribution, etc.

- **Public access** may leave the question of rights to the authors and publishers.
  - 2005 NIH public access policy

- **Public Domain** applies to research produced by the Federal Govt. in their daily work. Public domain work can not be copyrighted.
Emerging Policy:

2005 National Institutes of Health Public Access Policy

http://publicaccess.nih.gov/
Emerging Policy:

2013 OSTP Memo For Public Access to Research

The Memo Specifies:

- Does not specify OA publishing or self-archiving
- Does not address copyright
- Does address embargo periods
- Sets objectives for public access to research data
- Federal agencies with > $100 million in research contracts are establishing plans

http://www.whitehouse.gov/blog/2013/02/22/expanding-public-access-results-federally-funded-research
Emerging Infrastructure: Role of Providers

Large collaborations established:

Clearinghouse for the Open Research of the United States (CHORUS)
  - Association of American Publishers

Shared Access Research Ecosystem (SHARE)
  - Assoc. Research Libraries
  - Assoc. American Universities
  - Assoc. Public & Land-grant Universities

NIH PubMedCentral

Dept. of Energy is developing a prototype clearing house

Meeting Federal Mandates:

TAMU Library Programs

The Library Supports:

Tools to create data management plans

Publication repositories

OAK Fund

Data repositories (soon?)

http://guides.library.tamu.edu/DataManagement

http://repository.tamu.edu/
Seeking CPI Feedback:

Developing NSF Data Management Plans


http://guides.library.tamu.edu/DataManagement
OFFICE OF SCHOLARLY COMMUNICATIONS

Seeking CPI Feedback: Developing Data Repository

The Library is considering developing a data repository:

Existing TAMU systems?

Use disciplinary repositories?

Needed policies:
- Embargoes
- Sensitive data

Ability to link to articles or cite data?

Link graduate student data to ETDs in TAMU repository?

http://www.dataone.org/
Seeking CPI Feedback:

Project Team Collaborative Systems

The Library is considering offering project team software:

Existing TAMU systems?

Freemium business model?

Needed policies:
• Time
• Security

Features?

http://hubzero.org/
Seeking CPI Feedback:

Data as Library Resources

Data Services:

Data-set acquisition?

Training or Facilities:

- Data analysis
- Data mining
- Visualization

http://library.tamu.edu/about/collections/map-gis-collections-services/
OFFICE OF SCHOLARLY COMMUNICATIONS

Seeking CPI Feedback:

New Models of Digital Publishing

Digital technologies allow new ways of publishing scholarship:

Digital collections

Digital projects

Journal publications with embedded data sets, simulations, visualizations

Metapublications for alternative audiences

Rapid publication venues for new scholars

http://www.marktwainproject.org/homepage.html
OFFICE OF SCHOLARLY COMMUNICATIONS

Seeking CPI Feedback:
Other Concerns or Suggestions?

http://scholarlycommunication.library.tamu.edu/
Other business
Acknowledgements

Thank you for attending today’s meeting.

Copies of today’s presentation materials are be available at http://cpi.tamu.edu/meetings

The next CPI meeting will be on April 9th in Rudder 701 at 11:30 a.m.

Activities and staff assistance for the CPI is provided through equal annual funding support by the Texas A&M AgriLife Research, Texas A&M Health Science Center, Texas A&M Engineering Experiment Station, the Texas A&M Transportation Institute, and the Texas A&M University Division of Research.