



FACULTY SENATE

Research, Scholarship & The Creative Arts Committee

November 10, 2016

427a Waterman 12:30-2:00

Present: Chris Burns (LIB), Rachele Gould (RSEN), Daniel Hudson (EXT), Jeffery Marshall (CEMS), David Neiweem (CAS), Chuck Schnitzlein (Business), Brian Tobin (GSS), Albert van der Vliet (COM), Rory Waterman (CAS)

Absent: Dan Baker (CAL), Seth Fritz (CNHS), Beth Kirkpatrick\* (COM), Tammy Kolbe (CESS), Matthew Price (CAS)

Guests: Elizabeth Berman, Cindy Forehand, Richard Galbraith, Mara Saule, Alexander Yin

Chair Chris Burns called the meeting to order at 12:34pm in 427A Waterman.

**1. Approval of the Minutes.** The minutes of October 8, 2016 were approved as written.

**2. Research Data Management. (See attached PowerPoint)**

Elizabeth Berman from Libraries has spent the last two years focusing on research management. Study concept all the way to data archiving is part of the data lifecycle model and need to be included in data management conversations. Here are some of the key concepts she discussed:

- Open data and data sharing are not the same and often get used interchangeably, though the expectations are often different.
- Data sharing increases scholarly impact.
- 60% of universities provide research data management to its faculty, and 20% are working on offering it in the future
- There is no single national standard on metadata, standards are discipline-specific
- How can UVM provide tools and services to the campus?

It is important for the faculty of the University of Vermont to support the development of research data management on campus. It is being asked that the RSCA present a resolution on this concept to the Faculty Senate to gain senate support. The RSCA will follow these actions in collaboration with this effort:

- Work with Richard, Alex and Mara to include scholarly data
- Draft a resolution that can be brought to the Faculty Senate
- Hold expert guided workshops to help educate faculty on process.

Chris Burns, Rory Waterman and Jeff Marshall will work on a resolution and bring it to the December meeting for discussion.

### **3. Libraries (Dean Mara Saule)**

Libraries are often used as the center for data management. A Library Advisory committee has been formed to help recognize the needs of the Bailey/Howe Library. They will focus on issues such as:

- The need for print versus digital resources in certain disciplines
- Space and the best way to configure it
- How the new dormitory will effect traffic?
- The future of the Library as a data management center

The committee will begin its work over the next couple of weeks. If anyone has any comments or concerns they can send them to Mara Saule and she will pass them on to the committee.

Other import library news includes:

- At the October BOT meeting it was approved that Special Collections will be moved to Billings in spring of 2018.
- Dana Library is going through a reconfiguration in part to Dr. Lerner's gift.
- The weeding project continues. Libraries has 3 off site storage facilities. Lesser used materials have been moved to those facilities.

### **4. Burack Lectures.**

The committee went into executive session to discuss the Burack Lectures. Chris Burns will forward their recommendations to the President's Office.

### **5. New Business.**

Richard Galbraith is working on the creation of a committee to focus on F & A across colleges. He will update the committee at a future meeting.

The meeting was adjourned at 2:00pm.

\*Sabbatical

**The next meeting of the RSCA is scheduled for Thursday, December 8th from 12:30 – 2:00 in 427a Waterman**

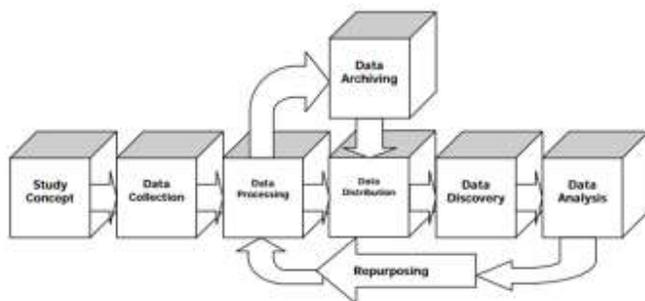
# DATAMANAGEMENT

## at the University of Vermont

elizabeth a. berman ♦ bailey/howe library

### RESEARCH DATA MANAGEMENT

#### Data Lifecycle Model



DDI Alliance Structural Reform Group (2004). DDI Combined Life Cycle Model. <http://www.ddialliance.org/system/files/Concept-Model-WD.pdf>

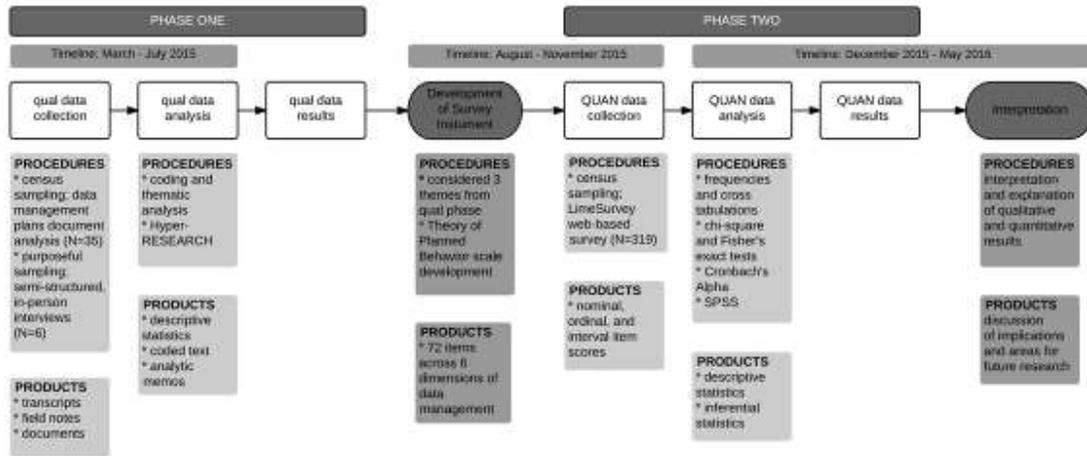
#### Data Management Funding Mandates

Requires PIs to account for how data from federally funded research will be made accessible and preserved in the long-term. (Office of Science and Technology Policy, 2013)

#### Open Data

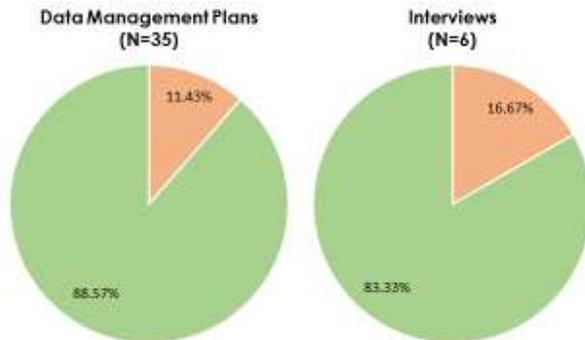
“Research data that is freely available on the internet permitting any user to download, copy, analyse, re-process, pass to software or use for any other purpose without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself.” (SPARC, 2016)

# MIXED METHODS RESEARCH DESIGN

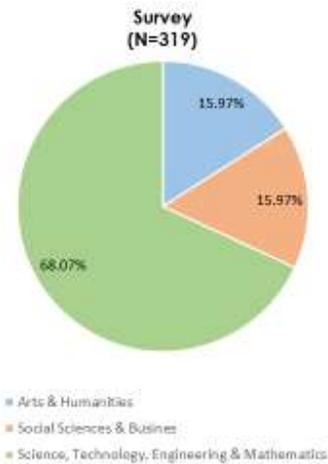


# STUDY DEMOGRAPHICS

**PHASE ONE: Qualitative Sample**



**PHASE TWO: Quantitative Sample**



# UVM RESEARCH DATA: A SNAPSHOT

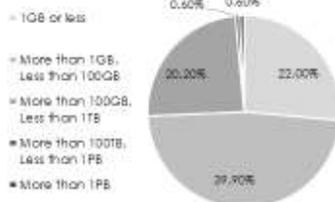
## Data Types



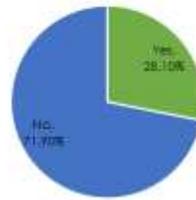
## Data Storage



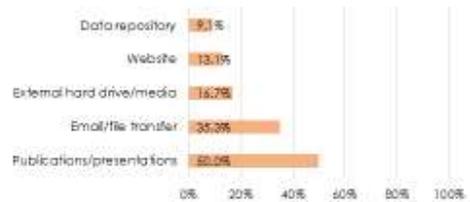
## Data Size



## Metadata

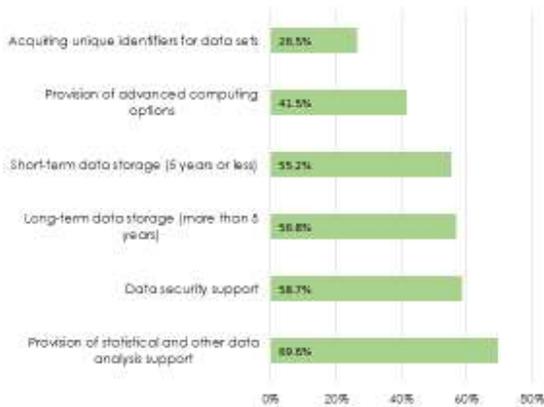


## Data Sharing



# TECHNICAL SERVICES & SUPPORT

How important do you think it is for UVM to spend resources on providing the following services? (Very Important) (N=191)



Would you be interested in any of the following data management activities? (Yes)? (N=192)

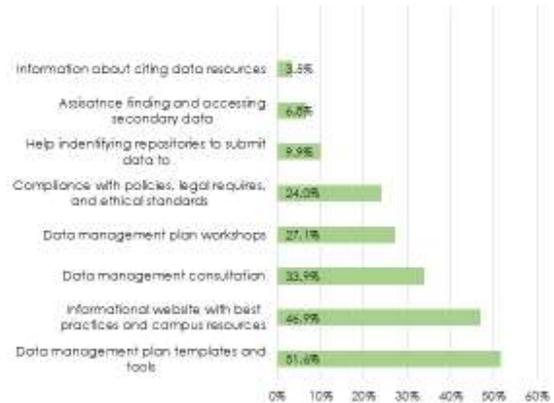


## INFORMATIONAL SERVICES & SUPPORT

How important do you think it is for UVM to spend resources on providing the following services? (Very Important) (N=191)



Would you be interested in any of the following data management activities? (Yes)? (N=192)



## COMPARISON OF RESEARCH DATA SERVICES

National Survey of Student Engagement (NSSE) 2014 Selected Comparison Groups

### Group 3: Selected Peers

- Binghamton University (State University of New York)
- Boston College
- Boston University
- College of William & Mary
- Northeastern University
- Stony Brook University
- University of Colorado at Boulder
- University of Connecticut
- University of Massachusetts Amherst

## TYPES OF RESEARCH DATA SERVICES

	Data Archiving	Data Repository	DMPTool/ Templates	Website	Consultation	Workshops	Partners	Contact
Binghamton University		✓	✓	✓			Library	Scholarly Communications Librarian
Boston College			✓	✓			Library, Sponsored Programs	EResearch Team
Boston University	✓		✓	✓	✓	✓	Library, IT	Data Management Team
College of William & Mary		✓	✓	✓	✓	✓	Library, Sponsored Programs	Digital Services Librarian
Northeastern University			✓	✓	✓		Library, Sponsored Programs	Digital Services Team
Stony Brook University		✓	✓	✓	✓	✓	Library, IT	Research Data Services
University of Colorado Boulder	✓	✓	✓	✓	✓	✓	Library, IT, Sponsored Programs	Data Advisory Committee
University of Connecticut	✓		✓	✓	✓	✓	Library, IT, Sponsored Programs	
University Massachusetts Amherst		✓	✓	✓	✓	✓	Library	Data Working Group

## CONCERNS AND THEMES AT UVM

What type of support is guaranteed via institutional overhead on grants?

The importance of data management plans as a required part of the grant proposal – attitudes towards and perceptions of.

Future of data analysis and statistical support provided on campus.

Concerns around campus infrastructure and ETS.

The challenge of metadata: it's a problem no one wants to address.

Barriers to data sharing: time, funding, personnel; restricted data; fear of being scooped

Who is responsible for support on campus? Who is able to provide support?