EMORY
LIBRARIES &
INFORMATION
TECHNOLOGY

IT Briefing

April 16, 2015

North Decatur Building

4th Floor Auditorium

IT Briefing Agenda

• Research Data Management Services	• Jen Doty
• Compass Upgrade	• Tom Vincent
• Password Policy Update	• Anne Marie Alexander and Derek Spransy

Jen Doty
Research Data Librarian
LITS: Scholarly Communications Office

Research Data Management Services

Research Data Management Services

Research data is commonly defined as “the material collected or generated in the course of conducting research”[1], including that **information which is “necessary to validate research findings”**[2]. It may take the form of raw, processed, analyzed, or published data, and the associated code, software, algorithms and metadata required to use the data[3].

[1] Data Management Plans for NEH: http://www.neh.gov/files/grants/data_management_plans_2014.pdf

[2] OMB Circular A-110: http://www.whitehouse.gov/omb/circulars_a110

[3] Department of Energy Statement on Digital Data Management, July 2014: http://science.energy.gov/funding-opportunities/digital-data-management/

Research Data Management Services

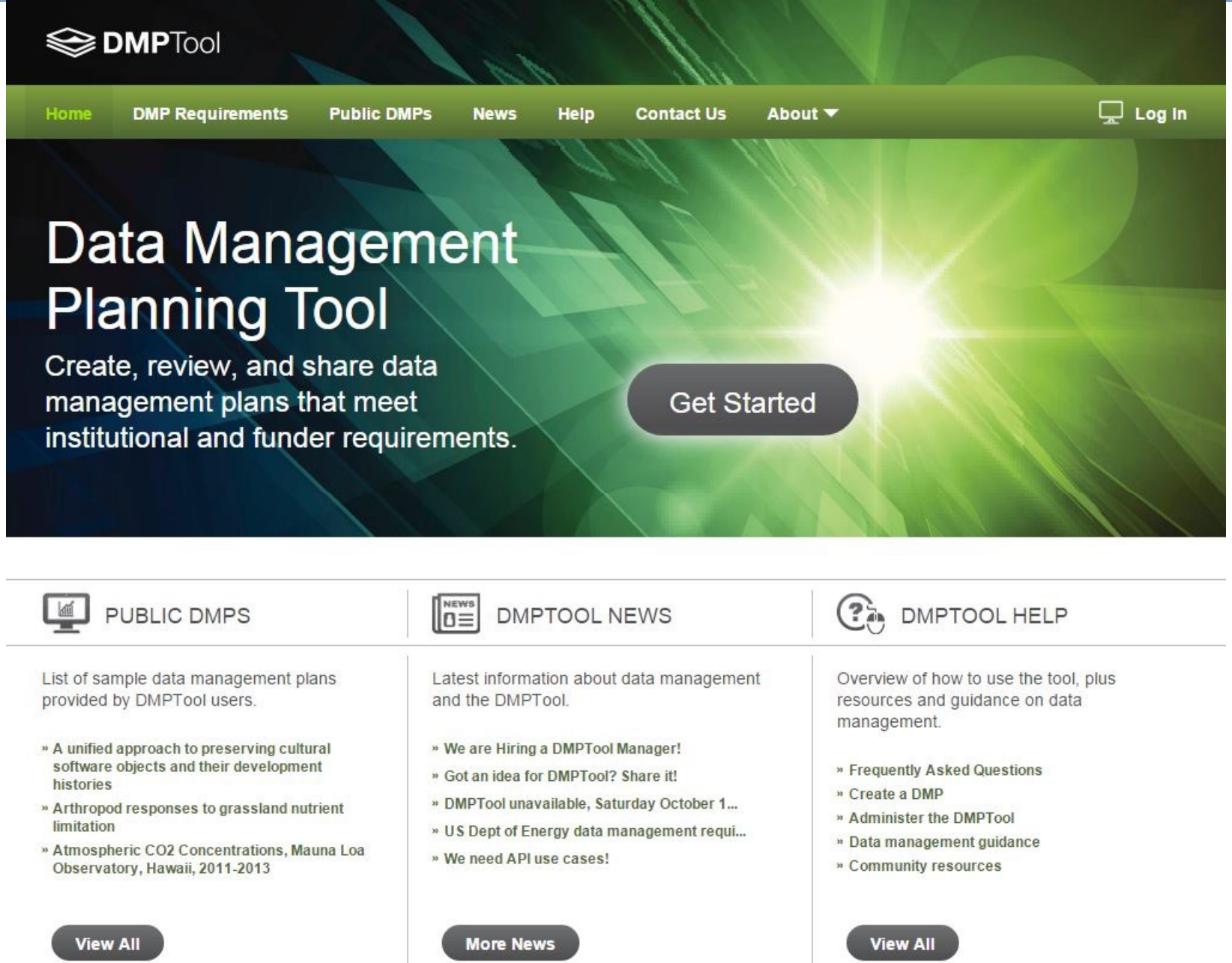
- supporting Emory researchers with long-term needs to manage, preserve, and share their data

- motivated by funder requirements and journal policies:
  - Grants: Data Management Plan (DMP) guidelines
  - Publications: Data availability statements

Research Data Management Services

Funder Requirements

- Grants: Data Management Plan (DMP) guidelines
- Agencies: NSF, NIH, NEH
- 2 page plans with all proposals, outlining how data is collected/generated, and where it will live during and after the project
- resource: DMPTool for creating plans (external website, but with Emory user authentication)


DMPTool
Home
DMP Requirements
Public DMPs
News
Help
Contact Us
About
Log In
Data Management Planning Tool
Create, review, and share data management plans that meet institutional and funder requirements.
Get Started
PUBLIC DMPS
List of sample data management plans provided by DMPTool users.
» A unified approach to preserving cultural software objects and their development histories
» Arthropod responses to grassland nutrient limitation
» Atmospheric CO2 Concentrations, Mauna Loa Observatory, Hawaii, 2011-2013
View All
DMPTOOL NEWS
Latest information about data management and the DMPTool.
» We are Hiring a DMPTool Manager!
» Got an idea for DMPTool? Share it!
» DMPTool unavailable, Saturday October 1...
» US Dept of Energy data management requi...
» We need API use cases!
More News
DMPTOOL HELP
Overview of how to use the tool, plus resources and guidance on data management.
» Frequently Asked Questions
» Create a DMP
» Administer the DMPTool
» Data management guidance
» Community resources
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DMPTOOL is a service of the University of California Curation Center of the California Digital Library
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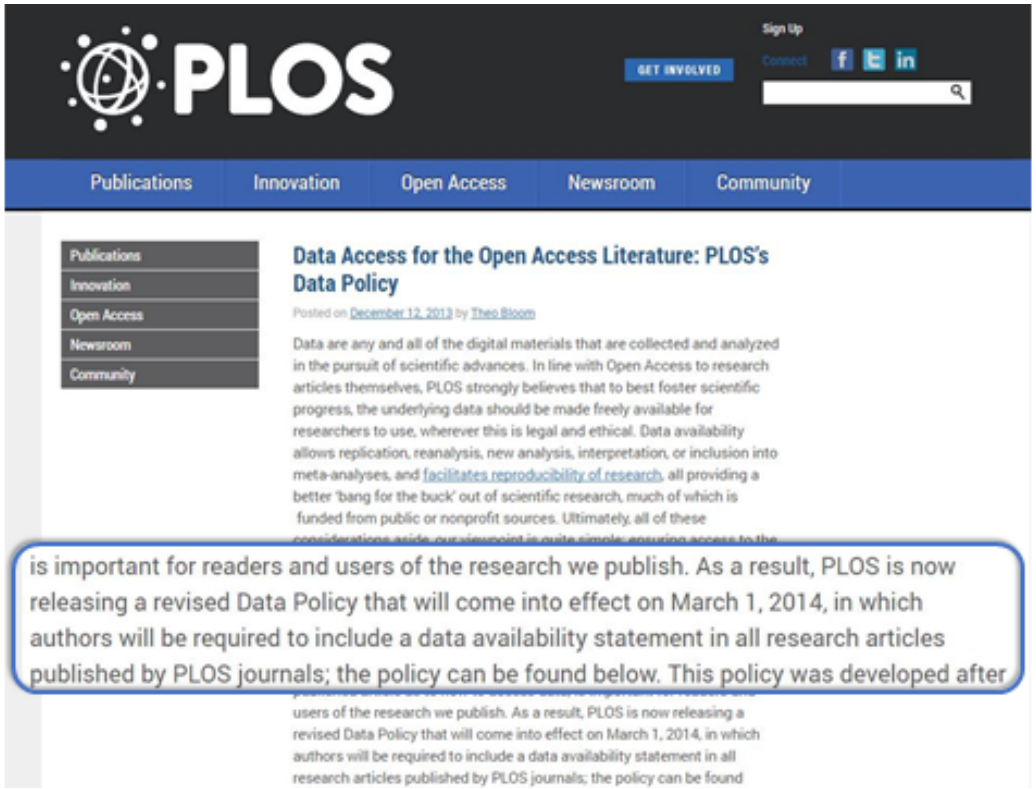
Research Data Management Services

Journal Policies

- Publications: Data availability statements



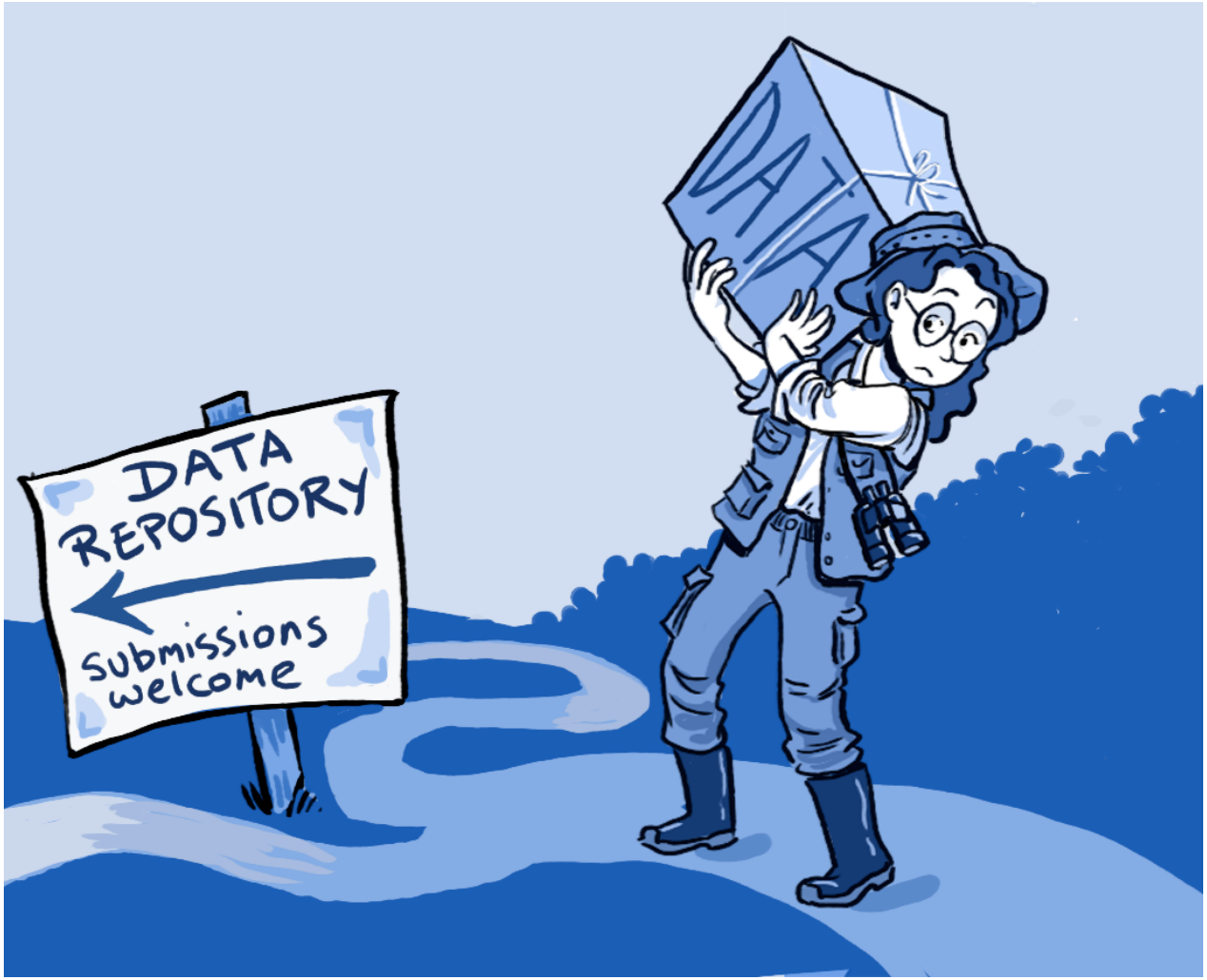
Research Data Management Services

PLoS Data Availability Policy

Acceptable data sharing methods:

- **Data deposition (strongly recommended)**
- Data in Supporting files
- Data made available to all interested researchers upon request
- Data available from third party

Research Data Management Services



To deposit or not to deposit, that is the question - journal.pbio.1001779.g001 / CC BY 4.0

Research Data Management Services

Data Archiving

- domain repositories—specific to discipline (life sciences, biology), or format (DNA sequences)

- resource: re3data.org (**Re**gistry of **Re**search Data **Re**positories)

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

Home | Search | Browse | Suggest | FAQ | About | Schema | Contact | Imprint

Search for Repositories (968 Reviewed Repositories)

Search

Subject Add subjects

Content Type Add content types

Country (of the responsible institutions) Add countries

History

Certificates | Open Access | Persistent Identifier | Include Repositories not yet reviewed by re3data.org

Clear

8 results (filtered) (1 – 8) Sort by weight

Archaeology Data Service

ads

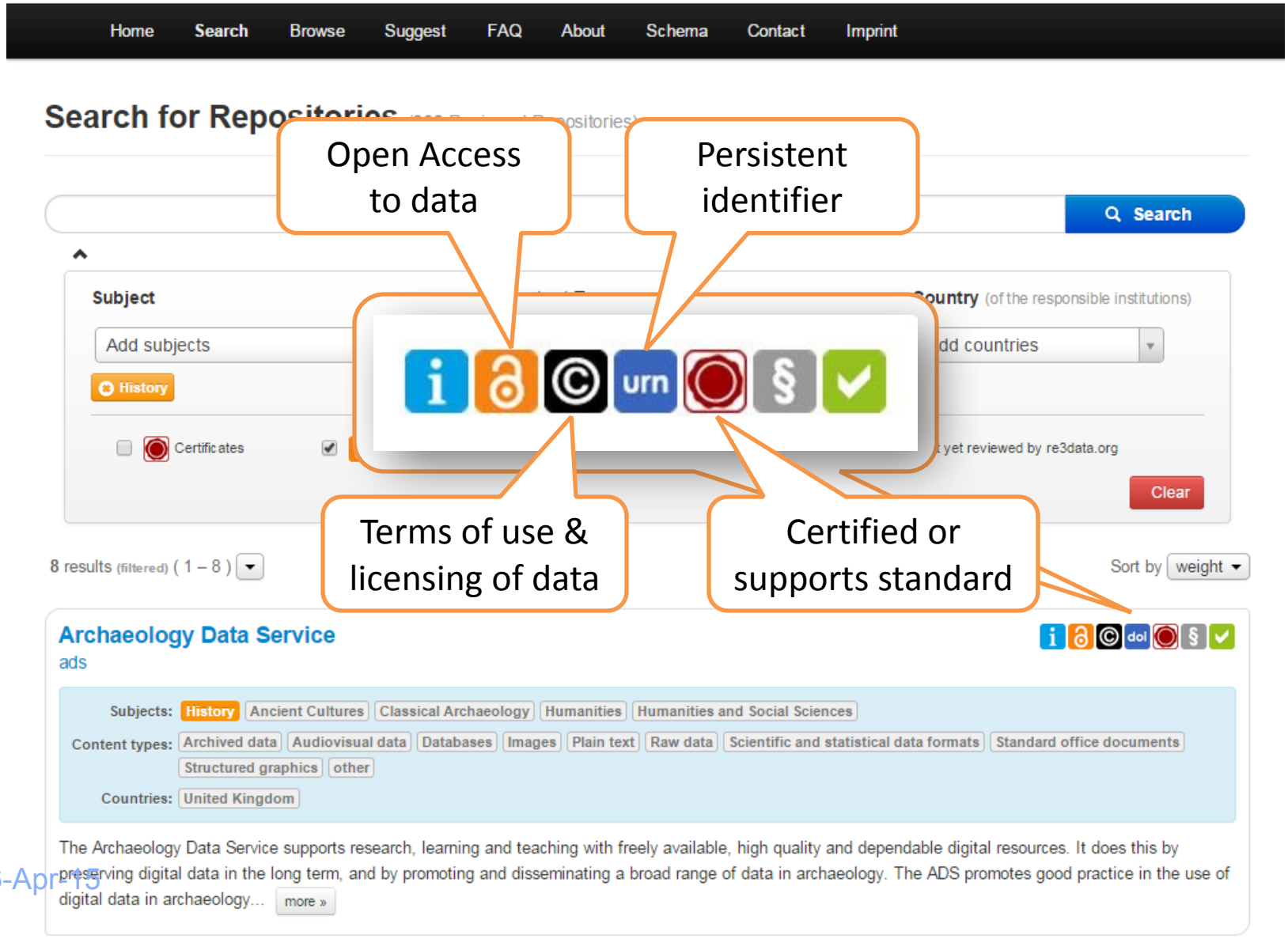
Subjects: History | Ancient Cultures | Classical Archaeology | Humanities | Humanities and Social Sciences

Content types: Archived data | Audiovisual data | Databases | Images | Plain text | Raw data | Scientific and statistical data formats | Standard office documents | Structured graphics | other

Countries: United Kingdom

The Archaeology Data Service supports research, learning and teaching with freely available, high quality and dependable digital resources. It does this by preserving digital data in the long term, and by promoting and disseminating a broad range of data in archaeology. The ADS promotes good practice in the use of digital data in archaeology... more »

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES



Research Data Management Services

Researcher Dilemma: no appropriate repository for your data?

Dataverse @ Emory: an open repository of Emory research data, in partnership with the Dataverse Network at the Odum Institute, UNC-Chapel Hill

Odum Institute Dataverse Network >

POWERED BY THE Dataverse Network PROJECT v. 3.6.2

Emory University Dataverse

Create Account Log In

The Emory University Dataverse supports the preservation, discoverability and accessibility of data produced by the research community at Emory. Data that are made publicly available are downloadable directly through this interface. For data with access restrictions please see the contact information in the study record to request access. If you are conducting research at Emory and are interested in archiving your data with the Emory Dataverse, please see our guide or contact us to discuss your data archiving needs.

OPEN DATAVERSE
Create an account to add your own study to this dataverse. Already have an account? Log In

- Emory Dataverse
  - Annual Library Surveys

Emory Dataverse

Search Studies | Search

Advanced Search Tips

Sort By: Most Downloaded

Studies: 14 | Downloads: 17 1 2

Emory University Libraries Annual Survey 2014
by Bailey, Susan; O'Reilly, Robert
Description: In early 2014, the Emory University Libraries, in cooperation with the Emory University Office of Institutional Research, Planning & Effectiveness, sent an email invitation to all students and faculty at Emory University to voluntarily com...Continue [+]
hdl:1902.29/11841
7 downloads + analyses
Last Released: Nov 14, 2014

Emory University Research Data Management Faculty Survey
by Akers, Katherine G.; Doty, Jennifer
Description: In the fall of 2012, the Emory University Libraries, in cooperation with the Emory University Office of Institutional Research, Planning, and Effectiveness, sent an email invitation to all employees with faculty status as classified by Hum...Continue [+]
hdl:1902.29/11578
4 downloads + analyses
Last Released: Oct 14, 2014

GIS Support on Campus
by Slemons, Megan
Description: These are the results of the survey "GIS Support on Campus", which was announced via email on May 13, 2014 to Gis4lib, HIGHERED-L, and MAPS-L. I have received requests to view the survey results; however, there was no statement about redis...Continue [+]
hdl:1902.29/11806
3 downloads
Last Released: Sep 23, 2014

Vitamin D and the Risk for Hospital-Acquired Infections in Critically Ill
by Kempker, Jordan
Description: Prospective study of the association between serum 25-hydroxyvitamin D concentration drawn at admission to a medical intensive care unit and subsequent hospital-acquired infections.
hdl:1902.29/11757
3 downloads
Last Released: Jul 25, 2014

Research Data Management Services

Dataverse @ Emory

- any Emory user can create an account
- “study” = the container for your data, its description (“metadata”) and supporting documents
- 2GB file size limit, but no limit on number of files
- accepts all file formats, though optimized for numeric and statistical data

Dataverse at Emory University

Learn about data archiving with the Emory Dataverse

How-To Guides for the Emory Dataverse

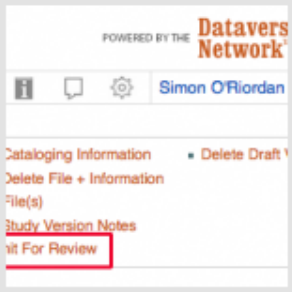
Using the Emory University Dataverse

These guides will explain the basic functions of the Emory Dataverse: how to create your account, deposit and describe your data, search for and download data, plus how to analyze tabular data within the Dataverse. For more information about using the Dataverse Network, also see the external guides from other institutions.

Creating an Emory Dataverse Account and Logging in

Creating a Dataverse Account Creating an account with the Emory Dataverse is simple. Go to the Emory Dataverse (link) and click on the Create Account button in the top right of the screen. Fill in the form and your new account will be created for you. Please use your Emory email address for the "E-Mail" …

View page »



Depositing Your Data

What Type of Data Can be Deposited? Only clean, machine-readable data with complete and accurate documentation can be accepted. All personally identifying information (e.g., names, address, phone numbers, etc.) must be removed from the data prior to deposit. For more guidance about responsibly de-identifying your data, please see the De-Identification Standard from the HIPAA Privacy …

View page »

Research Data Management Services

LITS: Scholarly Communications Office

Robert W. Woodruff Library, 2nd floor

http://bit.ly/SCO-RDM

dataplans@emory.edu

Research Data Management Services

Compass
Looking back, moving forward.

Tom Vincent

Technical Manager, PeopleSoft Financials

Compass Upgrade

Compass Upgrade

Compass Background

- Compass is Emory's PeopleSoft Financials system
- Implemented in September, 2009 on version 9.0
- Services both the University and Healthcare business units
- Over 13,000 users over the past year
- Performed a tools upgrade (to PeopleTools 8.53.9) and infrastructure upgrade in April, 2014
- Current database is on Oracle 11g and uses about 1.9TB

Compass Upgrade

Why are we upgrading

- Provide continuous operational improvements to the University and Healthcare communities
- Optimize our investment in the system and take advantage of improved PeopleSoft functionality
- Pursue opportunities to reduce cost of ownership through a reduction of customizations
- Try to provide more intuitive user interactions and expand functionality to better support business needs
- Evaluate opportunities for process improvements

Compass Upgrade

Upgrade Plan

- Upgrading to PeopleSoft Financials 9.2
- Upgrading to PeopleTools 8.54.x
- Current production is frozen – no more enhancements
- Transition planning will be a big part of the project
- Upgrade tentatively planned for **Fall, 2016**

Compass Upgrade

Planning - Completed

- Fit/gap sessions
- Business Cases
- Retro-fitting of customizations to be retained
- Build out of new hardware and environments needed for the Design and Development Phase of the project
- Project scope and budget have been approved

Compass Upgrade

Design and Development – In Progress

- 238 Functional Design Specs being written
- Between 12k and 13k hours of development
- Designs scheduled to go through June, 2015
- Development scheduled to go through January, 2016
- Major review of reports being performed

Compass Upgrade

What do I need to do right now?

Keep your eyes and ears open for ongoing communications and opportunities for engagement.

An upgrade this size (and this long) will be a journey and one in which the project team members, the user community and our executive leadership will take together. We are committed to full transparency and community involvement during the upgrade process.

Much more information and detail to come at future briefings as many systems are impacted by this upgrade

Compass Upgrade

Anne Marie Alexander
Manager, Identity and Access Management
Derek Spransy
Sr Information Security Specialist, Information Security

Password Policy Update

New Enterprise Password Policy

Emory policy website: http://policies.emory.edu/5.15

Emory will begin to enforce the new password policy requirements systematically, including the periodic password change requirement.

In April, look for an IT security awareness message with additional details.

Password Change Interval

Passwords must be changed at least once a year. Certain individuals will be required to change their password every 90 days (e.g., system administrators, individuals who process credit card payments, individuals working on federal contracts).

Password Length

Passwords must be between 9 and 30 characters in length.

Password Complexity

Passwords must contain at least 2 alphabetic characters (A-Z, a-z) and at least 2 non-alphabetic characters (spaces, numerals, punctuation, and/or special characters).

Password Constraints

NetID cannot be part of the password, no more than 2 consecutive characters can be identical, and the password cannot match any of the previous 24 passwords used with the account.

DEADLINE DATE

Users must take action before the deadline or password will be expired on

September 9

Notice to Users

- End users will receive an automated message 28 days, 14 days, and then every day for seven days before their password is set to expire.

- The message will direct users to: http://it.emory.edu/password This link will contain instructions about how to change their password.

Security Update

Thank you for coming!