## ODUM INSTITUTE ARCHIVE SERVICES OVERVIEW

**IASSIST 2015** 

**JONATHAN CRABTREE** 

Assistant Director of Computing and Archival Research



The Odum Institute for Research in Social Science Davis Library, 2<sup>nd</sup> Floor, CB# 3355 University of North Carolina at Chapel Hill www.odum.unc.edu

#### **OUR MISSION**



The Odum Institute for Research in Social Science was founded in 1924 by Howard Washington Odum, making it the oldest university-based interdisciplinary social science research institute in the United States. We provide education, training, data collection, and archive services to researchers both within and beyond the University of North Carolina at Chapel Hill. Our mission is to facilitate scientifically rigorous social science research that contributes to better lives for the citizens of North Carolina and the world.

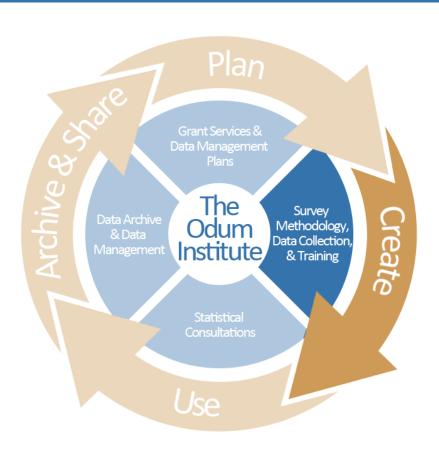




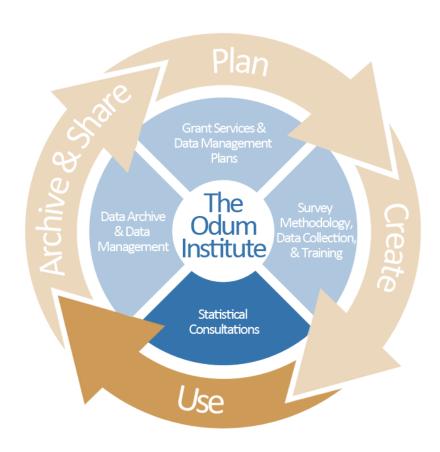




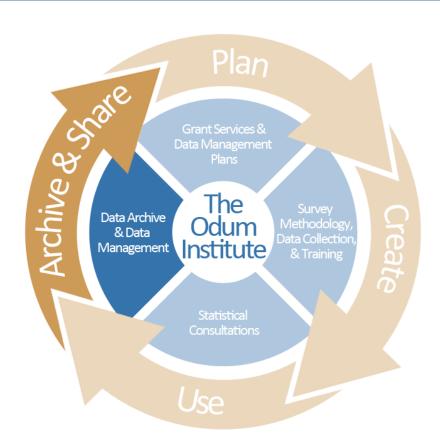














#### DATA MANAGEMENT PLANS

- Assist in reviewing DMPs
- Write DMPs for grant submissions
- Consult on data management planning





### DATA MATTERS: DATA SCIENCE SUMMER WORKSHOP SERIES

- Courses scheduled for June 2015
  - Introduction to Data Science
- Pantnership between Odum, RENCI & the NCDS
  - Data Science Using R
  - Systems Dynamics & Agent-based Modeling
  - Data Mining and Machine Learning
  - Social Network Analysis



Collecting, Classifying, and Analyzing Big Data

Big Data in Health & Medicine

Data Curation: Managing Data throughout the Research Lifecycle

Use

Archive & Share



#### **DATA ARCHIVE**

- Provides services for researchers in
  - Managing data
  - Archiving data
  - Preserving data



www.digitalbevaring.dk

Plan

Create

Use

Archive & Share



#### TRUSTWORTHY REPOSITORY

- Compliance with standards and best practices
- 2014-2015 Data Seal of Approval



Plan Create Use Archive & Share



#### Key features

#### DATAVERSEINETWORK

- Standards based metadata
- Summary and descriptive statistics
- Subset creation
- Advanced statistical analysis
- Access restrictions

- Guestbook
- Data citation
- Persistent identification
- Multiple file formats

Create

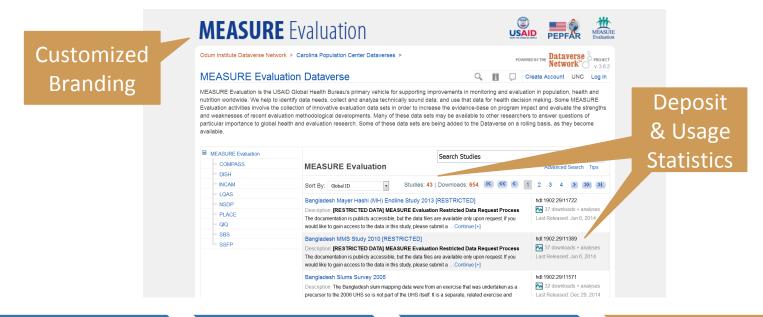
Use

Archive & Share





#### **DATAVERSE NETWORK**



Plan

Create

Use

Archive & Share



#### DATA MANAGEMENT SERVICES

#### \$0 Tier I ong-term preservation asic utilization reporting sistent identification (DOI) \$3,000 base + per dataset fee\* Standard user support Dataverse Network branding Dataset collection organization Metadata template development Introductory Dataverse Network training **Guided Service** \$5,000 base + per dataset fee\* Tier III Data management plan implementation Access policy enforcement Education and training program development omnrehensive data review

#### Tier I: Self-Service

- **Dataverse Network tool access**
- Standardized metadata
- Long-term preservation
- Data citation generation
- Basic utilization reporting
- Persistent identification (DOI)
- Limited user support



Use

**Archive** & Share

#### DATA MANAGEMENT SERVICES

#### \$0 \$3,000 base + per dataset fee' Standard user support Dataverse Network branding Dataset collection organization Metadata template development Introductory Dataverse Network training **Guided Service** \$5,000 base + per dataset fee\* Tier III Data management plan implementation Access policy enforcement Education and training program development omnrehensive data review

#### Tier II: Guided Service

- Standard user support
- **Dataverse Network branding**
- Dataverse collection organization
- Metadata template development
- Introductory Dataverse Network training
- AND all the services included in Self-Service



**Archive** Use & Share

#### DATA MANAGEMENT SERVICES

# Tier I United user support Standardized metadata Long-term preservation Data citation generation Basic utilization reporting Persistent identification (DOI) Dataverse Network tool access Self-Service \$3,000 base + per dataset fee\* Tier II Standard user support Dataverse Network training Dataset collection organization Metadata template development Introductory Dataverse Network training Introductor

#### Tier III: Lifecycle Service

- Data management plan implementation
- File normalization
- Comprehensive data review
- Access policy enforcement
- Education and training program development
- Dedicated staff and user support
- AND all the services included in Guided Service

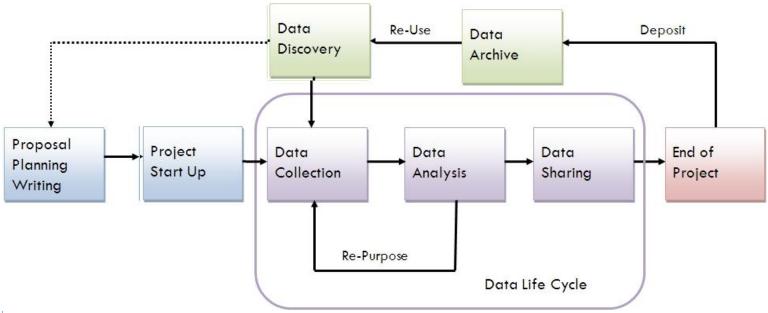


Use

Archive & Share

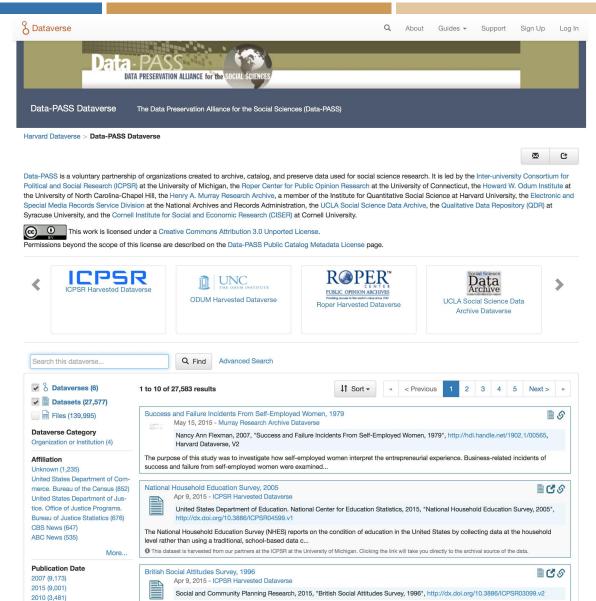
#### ODUM CAN HELP IN ALL STAGES OF RESEARCH

Data management is most successful when data management practices are implemented throughout the research lifecycle.





University of Virginia Library. (2014). Steps in the research lifecycle. Retrieved September 21, 2014, from http://dmconsult.library.virginia.edu/lifecycle/



Attitudes Survey (BSA) is similar to the General Social S...

This survey is part of a continuing series designed to monitor trends in a wide range of social attitudes in Great Britain. The British Social



2009 (2,252)

2014 (1,763)

#### **THANK YOU!**

www.odum.unc.edu

