CONSULTING WITH RESEARCH GROUPS TO CREATE PROJECT-SPECIFIC DATA MANAGEMENT TRAINING AND PROTOCOLS

Megan Sapp Nelson and Margaret Phillips – Purdue University

USE YOUR EXISTING CONTACTS

Who needs help developing research protocols?

    Early career professors

    Professors new to the institution

    Professors embarking on new research areas

    Newly formed interdisciplinary research groups

Who do you know who matches any one of these criteria?

Created by Creative Stall
from Noun Project

PURDUE
UNIVERSITY
LIBRARIES

INTERVIEW PREPARATION PART I

What are your information goals?

What are the information goals of your interviewee?

What are the current research projects of the interviewee as reflected in the literature?

What is on the interviewees' website?

Created by Mister Pixel
from Noun Project

PURDUE
UNIVERSITY
LIBRARIES

INTERVIEW PREPARATION PART 2

Focus your questions on the active portions of the research data management lifecycle from the researchers' perspective.

Creating Data

Processing Data

Analyzing Data

Reusing Data

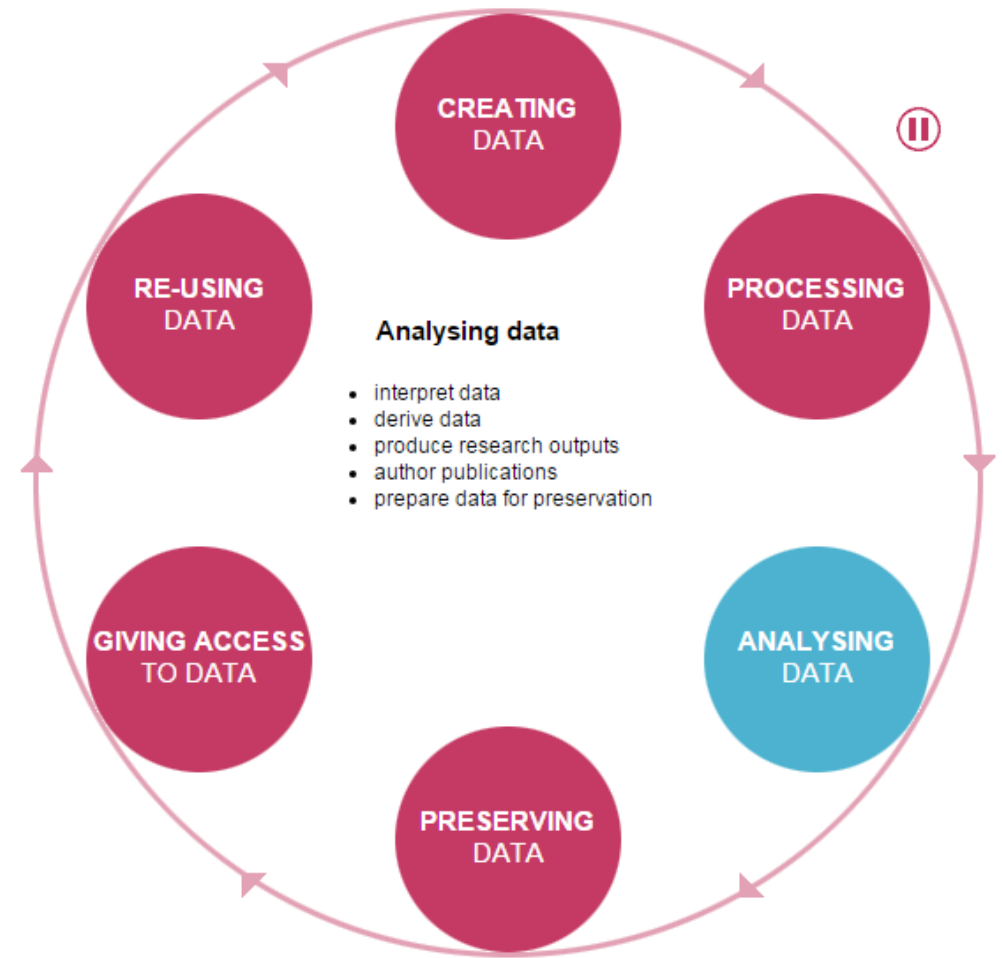Try to focus on current practice as well as desired outcomes.

CREATING DATA

PROCESSING DATA

Analysing data
- interpret data
- derive data
- produce research outputs
- author publications
- prepare data for preservation

RE-USING DATA

ANALYSING DATA

GIVING ACCESS TO DATA

PRESERVING DATA

Image created by University of Essex.

PURDUE UNIVERSITY LIBRARIES

MULTIPLE VIEWPOINTS

Research Professor: Big picture/large goals

Their perception of current practice

Outcomes for the protocol development

Timelines for project

Deliverables for project

Research Assistants: Specific practice within specific projects

Tools used

Reality of current practice

*Audio Record all interviews if possible with verbal permission of all participants

Created by Mister Pixel
from Noun Project

PURDUE
UNIVERSITY
LIBRARIES

TRANSCRIPT ANALYSIS

Analyze recordings of interviews for themes along specific data management issues.
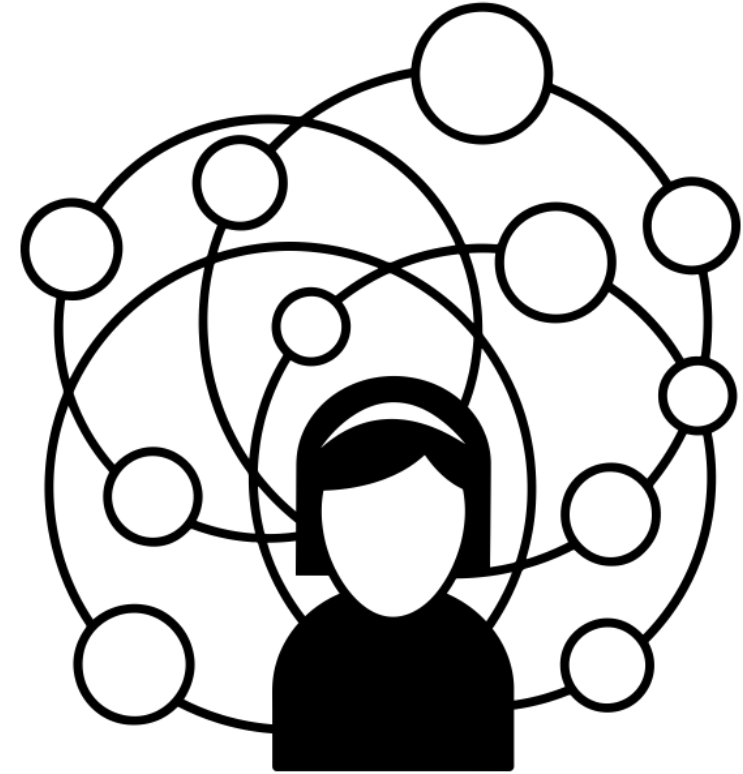
     Could include: File Naming Conventions

           File Structure

           Storage

           Versioning

           Back Up

           Documentation procedures and submission

Identify points of clarification

     Where there is not a current practice, offer options for local solutions or best practices that meet the need.

     Have research faculty member select best option.

Created by Samuel Schoenberger from Noun Project

PURDUE
UNIVERSITY
LIBRARIES

PREPARE PROTOCOL

Prepare written document highlighting what the group consensus and new practices that the research professor selected are.

*Written in collective language ("We, the members of X research group, do the following to manage our data")

Give to faculty member for approval.

Faculty member rolls out to research group.

Created by Creative Stall
from Noun Project

PURDUE
UNIVERSITY
LIBRARIES

Any questions?