



ASSESSING DATA MANAGEMENT NEEDS AND PRACTICES TO ENABLE RESEARCH DATA SUPPORT SERVICES

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TABLE OF CONTENTS

1. Background & Context
2. Research Purpose
3. Research Questions
4. Research Design & Methodology
5. Findings
6. Future Plans

BACKGROUND & CONTEXT

Four core resource sets:

1. Workshops on data management planning previously conducted at UF, specifically: **UF Marston Science Library** (9/22/16; 7/11/17), **UF Informatics Institute** (10/24/16; 1/23/17; 1/30/17; 4/28/17), **UF Division of Student Affairs** (6/8/17), UF Biomedical Sciences (7/7/17), and **UF Graduate Linguistics Society Seminar** (9/7/17)
2. Data Collected from the UF survey (**IRB# 201602303**) titled “Investigating Data Assets, Management, and Planning at UF” (1/3/17 – 4/31/17)
3. Data Management Use Case – genomics datasets in zenodo (*internal UF Libraries Strategic Opportunity Program grant*)
4. Data Management Instructional Design Internship, fall 2017 – spring 2018 (data management plan learning exercise (**DMPLE**))

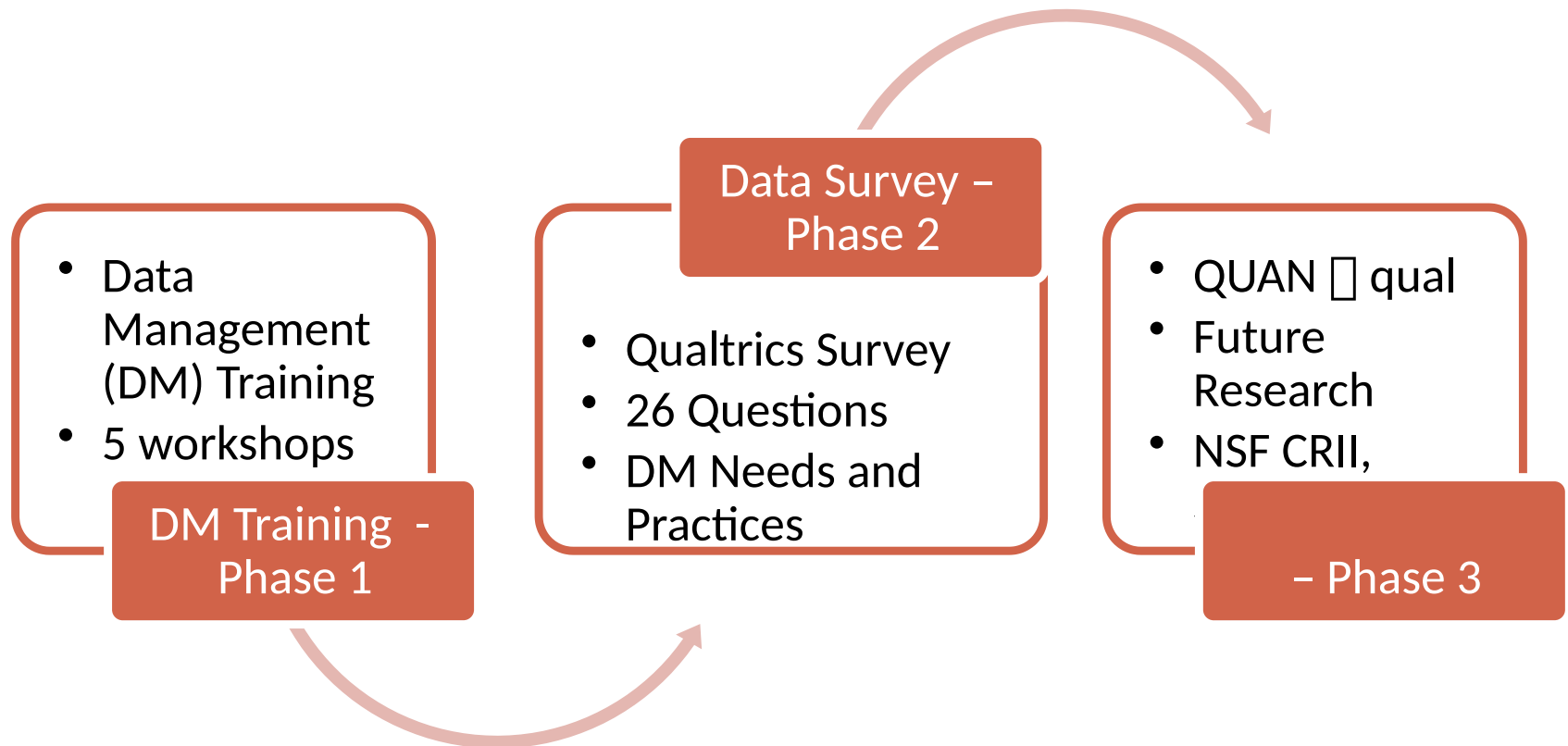
RESEARCH PURPOSE

The purpose of this research project is to investigate researchers current data management practices across multiple disciplines and explore opportunities for improving data management activities where applicable, beneficial, feasible, and reasonable.

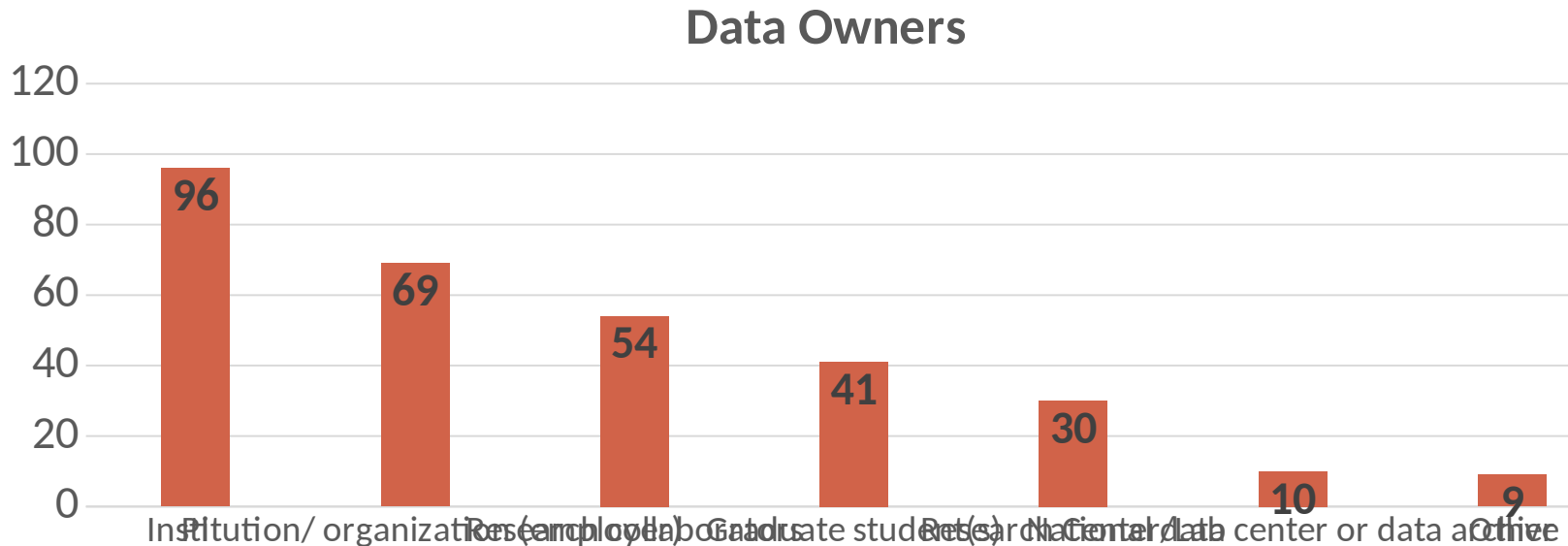
RESEARCH QUESTIONS

1. Who are the owners of data?
2. Who are the managers of data?
3. What are some data management support and training needs?

RESEARCH DESIGN & METHODOLOGY

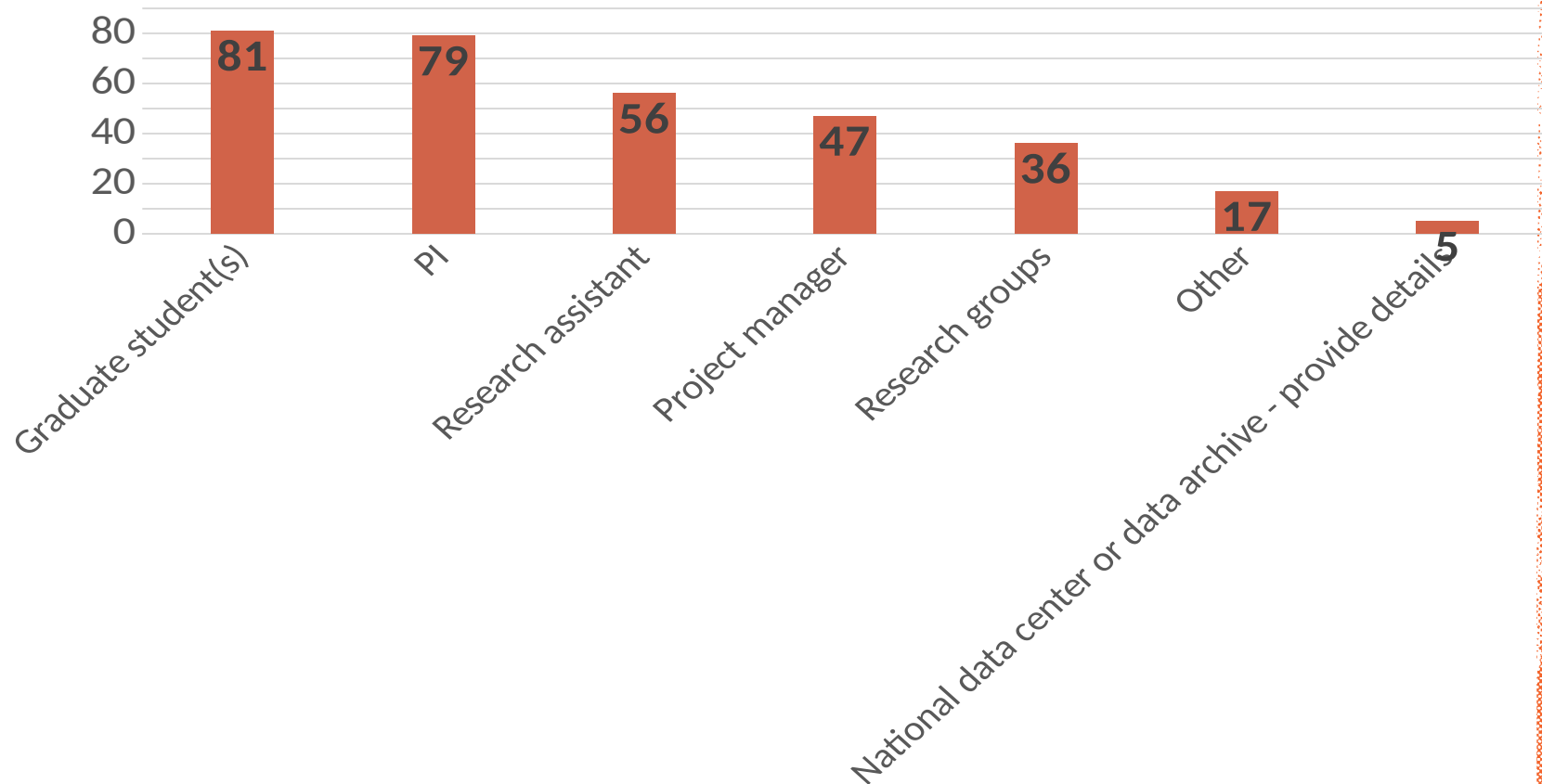


FINDINGS – Q18. WHICH OF THE FOLLOWING ARE OWNERS OF THE DATA?[SELECT ALL THAT APPLY]



FINDINGS – Q17. WHICH OF THE FOLLOWING ARE INVOLVED IN THE MANAGEMENT AND STORAGE OF DATA? [PLEASE SELECT ALL THAT APPLY]

Data Managers



FINDINGS – Q23. WHAT RESOURCES, SUPPORT, AND TRAINING OUTSIDE OF YOUR DEPARTMENT DO YOU FIND USEFUL TO SUPPORT FUNDING AGENCIES DATA MANAGEMENT PLANS REQUIREMENTS? [PLEASE SELECT ALL THE

Resources, support, and training outside of your department	Number of responses
Short-term and long-term data storage capacity	66
Training on data management planning, sharing, and preservation	61
Data/digital management system for organizing data	55
Computing expertise or software development	49
Computing capacity for data analysis and data visualization	48
Research data management services (e.g. in house, campus, outsource)	43
Other external expertise (e.g. developer, programmer, statistician)	33

FINDINGS – Q26 PLEASE PROVIDE YOUR NAME AND EMAIL IF YOU ARE INTERESTED IN (1) CONTRIBUTING TO DATA MANAGEMENT USE CASES, (2) PARTNERING WITH LIBRARIES AND RESEARCH COMPUTING, AND (3) PARTICIPATING IN MORE IN-DEPTH DATA MANAGEMENT ASSESSMENTS/EDUCATION/INTERVIEWS TO

Comments

“I teach data management and reproducible research approaches with open-source software.”

“Thank you for the opportunity to contribute.”

“I am interested in participating in more in-depth data management education and collaboration with Libraries and Research Computing.”

“Interested in building research computing for international community in remote sensing.”

“It is excellent that UF Libraries and HPC are partnering.”

JF.

FUTURE PLANS

1. Develop general data management learning experience modules
 - Data Management Instructional Design intern (fall 2017 – spring 2018)
2. Develop relevant and discipline-specific data management use cases
 - Contact the thirty-six survey participants that answered Q26
3. Conduct 1st Annual Data Symposium – Enabling Data Reproducibility and Sustainability on March 19, 2018
 - <http://cms.uflib.ufl.edu/envisioning-data-symposium/Index.aspx>



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