Carpentries, Data Tools, and More

International Open Access Week
October 23-29, 2017

Danielle Kane
Data Management & Curation Librarian
The Unix Shell
Version Control with Git
Version Control with Mercurial
Using Databases and SQL
Programming with Python

Programming with R
R for Reproducible Scientific Analysis
Programming with MATLAB
Automation and Make

https://software-carpentry.org/
http://www.datacarpentry.org

- Data Organization in Spreadsheets
- Data Cleaning with OpenRefine
- Data Management with SQL
- Data Analysis and Visualization in R
- Data Analysis and Visualization in Python
Future Workshops

• Author Carpentry

• Data Management 101

• HathiTrust & You: Data-Driven Research using Text Mining

• Scholarly Identity Management

• eScholarship Ingest
Events

• Daniella Lowenberg, Research Data Specialist & Product Manager from UC3 – Dash
• Copyright Week
• Fair Use/Fair Dealing Week
• Mapathon
Product Updates
Data Management Planning Tool
Create, review, and share data management plans that meet institutional and funder requirements.

Get Started
An easy-to-use data publication service

“hypotheses come and go, but data remain”
Santiago Ramón y Cajal, 1897
DSS Scholarly Communications is working with the UCI Office of Research to use Dimensions to analyze and understand the research funding landscape and explore UCI researcher impact. Dimensions is a grant database containing more than $1 trillion of historic and current funding, as an in-depth analysis of ongoing research funding.
Faculty Researcher Impact

Publication Management System Dramatically Increases Open Access Deposit Rate

- **UCI**: 10,947
- **UCLA**: 8,115
- **UCSF**: 8,167

- Following implementation of publication management system (2015-16)
- Prior to UC Open Access Policy (before 2013)
Thanks!

Danielle Kane
Data Management & Curation Librarian
UC Irvine Libraries
Kaned@uci.edu