

# Carpentries, Data Tools, and More

International Open Access Week

October 23-29, 2017

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Data Management & Curation Librarian



<https://software-carpentry.org/>

- 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



**DATA CARPENTRY**

BUILDING COMMUNITIES TEACHING UNIVERSAL DATA LITERACY

<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





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# Data Management Planning Tool

Create, review, and share data management plans that meet institutional and funder requirements.

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An easy-to-use data publication service



"hypotheses come and go, but  
data remain"

Santiago Ramón y Cajal, 1897

Search 354 datasets

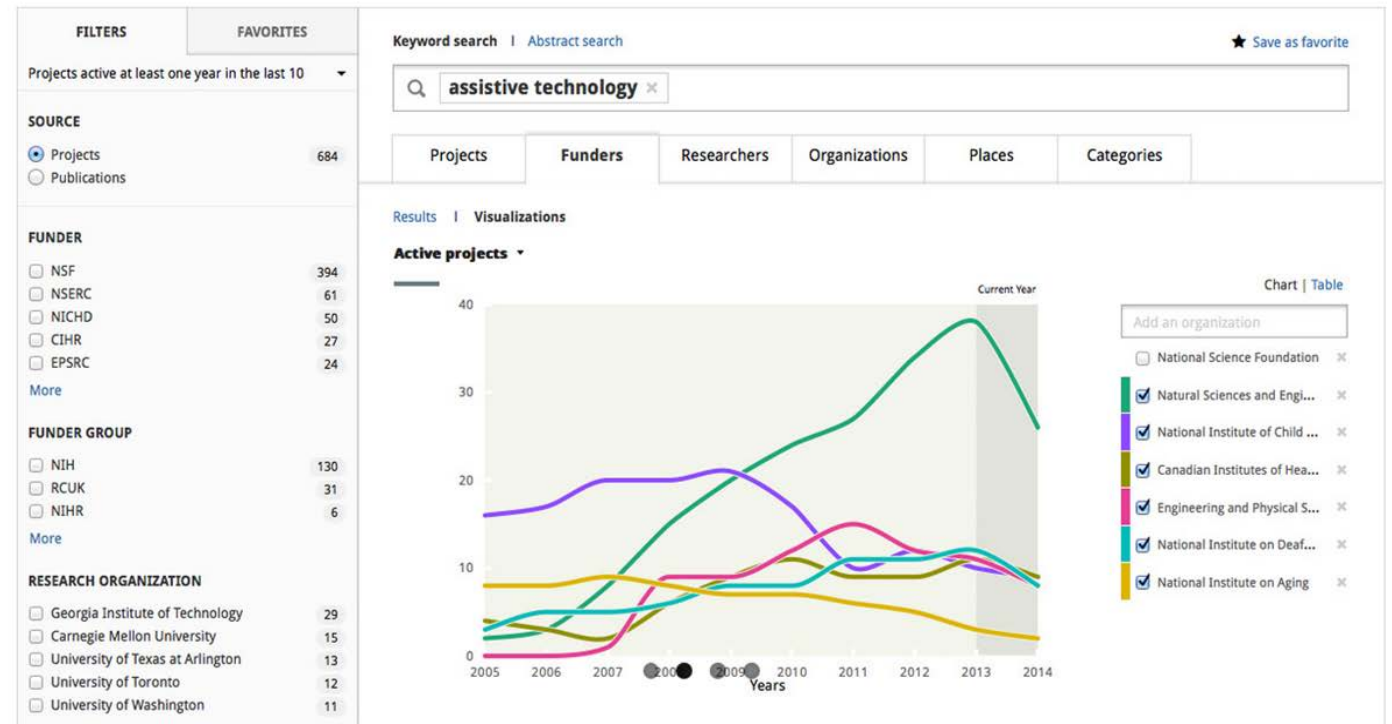




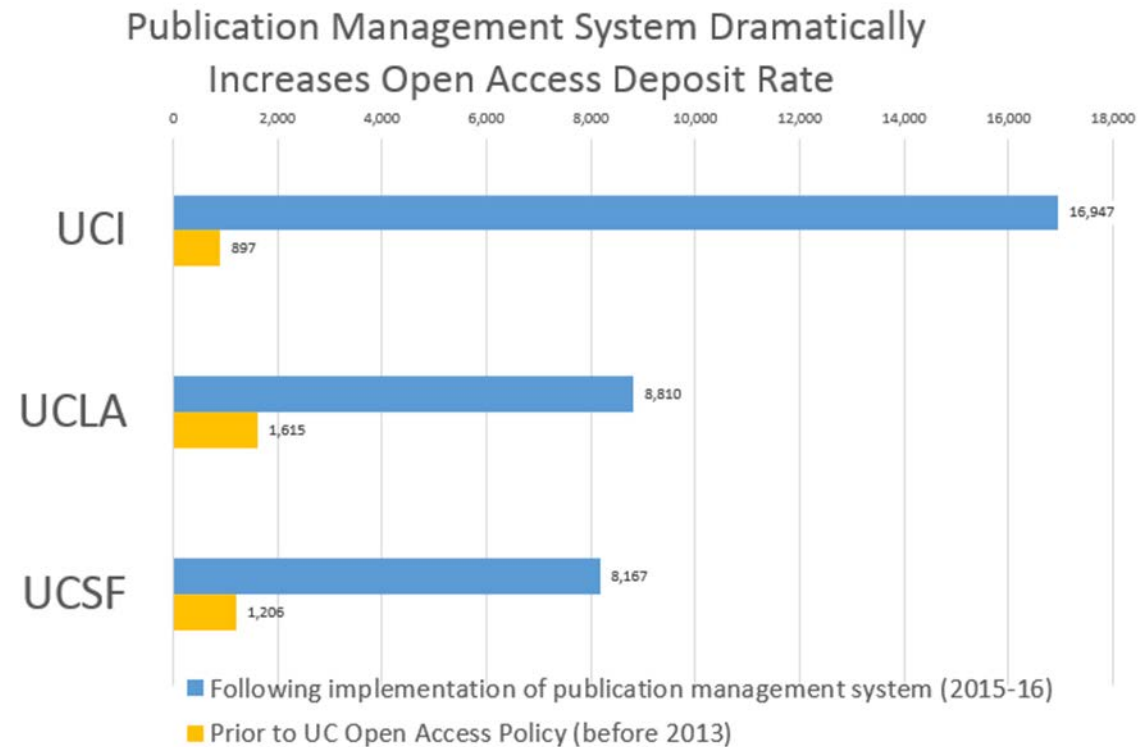
DSS Scholarly Communications is working with the UCI Office of Research to use Dimensions to analyze and understand the research funding landscape and explore UCI researcher impact. Dimensions is a grant database containing more than \$1 trillion of historic and current funding, as an in-depth analysis of ongoing research funding.

## Dimensions for Universities launched

Funding intelligence for research organizations



# Faculty Research Impact





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# Thanks!

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