

Increase discovery of your institution's research through SHARE



Kelly Thompson

Metadata Analyst Librarian, University of Minnesota
SHARE Curation Associate, 2016-2017

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Outline

Conceptual foundations

Practice-based:

What is SHARE

Current features of SHARE

Developing features of SHARE

How can you participate?

Question time



SHARE



SHARE is a free, open data set of research and scholarly activities across the research life-cycle.

SHARE



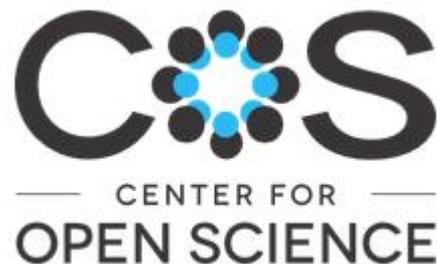
SHARE is a free, open **data set** of research and scholarly activities across the research life-cycle.

SHARE



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Who is SHARE



Alfred P. Sloan
FOUNDATION

SHARE

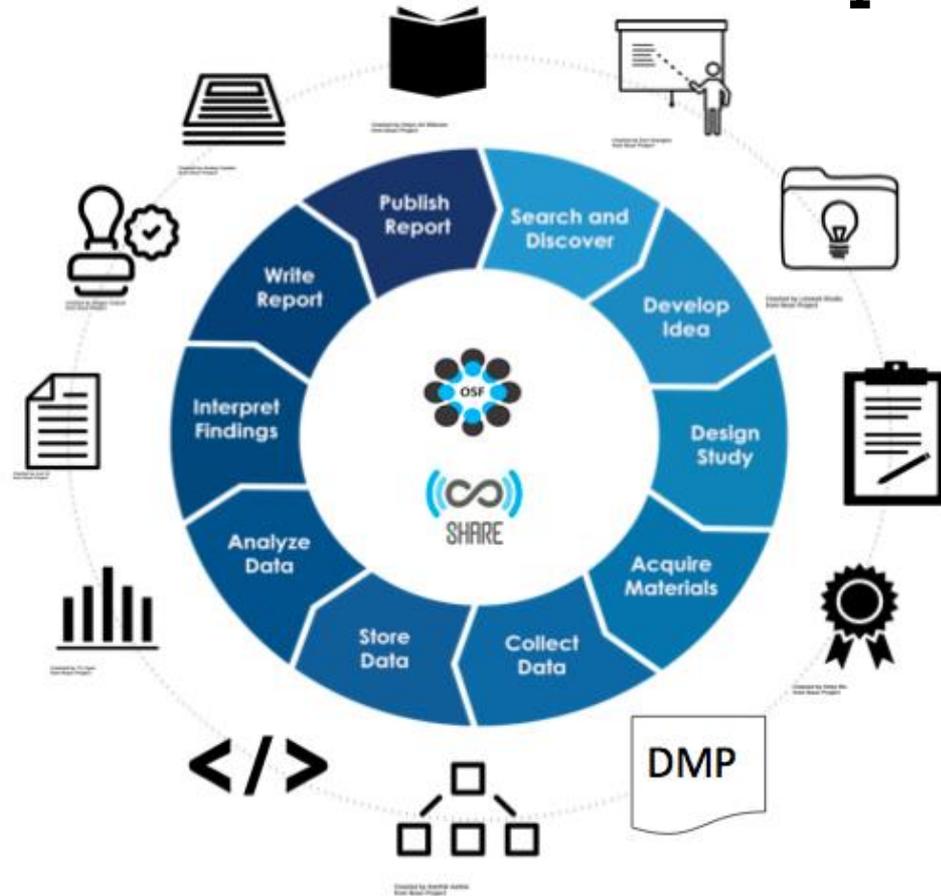


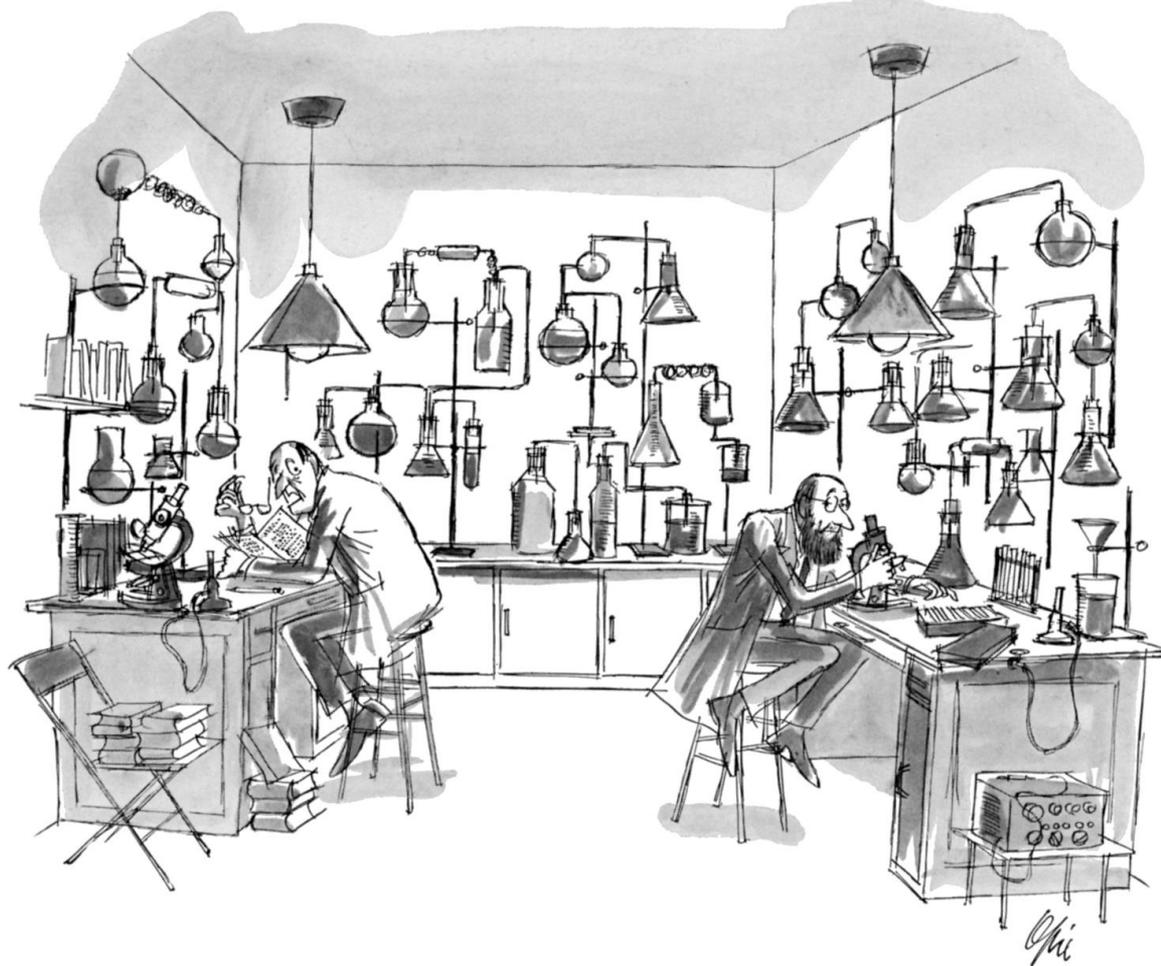
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Research Lifecycle



Collecting the Research Lifecycle

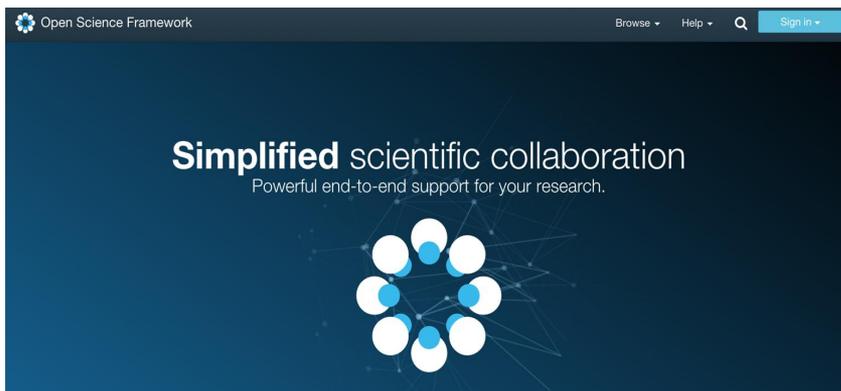




Everett Opie The New Yorker Collection/The Cartoon Bank, 1976

"I see by the current issue of 'Lab News,' Ridgeway, that you've been working for the last twenty years on the same problem I've been working on for the last twenty years."

Open science and open scholarship

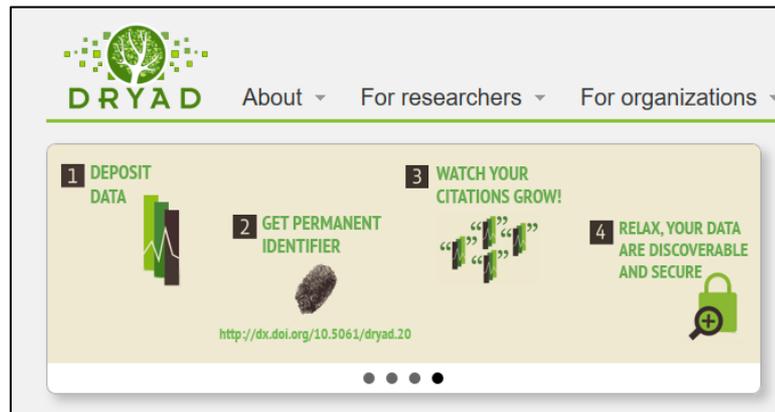


Open Science Framework

Browse ▾ Help ▾ Q Sign in ▾

Simplified scientific collaboration
Powerful end-to-end support for your research.

The image shows a dark blue background with a network of white and blue circles connected by lines, representing scientific collaboration.



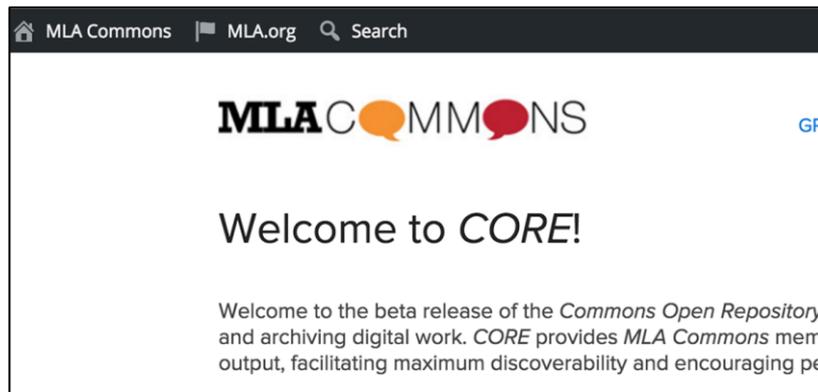
DRYAD

About ▾ For researchers ▾ For organizations ▾

- 1 DEPOSIT DATA
- 2 GET PERMANENT IDENTIFIER
- 3 WATCH YOUR CITATIONS GROW!
- 4 RELAX, YOUR DATA ARE DISCOVERABLE AND SECURE

<http://dx.doi.org/10.5061/dryad.20>

The image shows a light green background with icons representing data, a permanent identifier (a rock), citations (quotes), and a secure lock.



MLA Commons

MLA.org Search

MLA COMMONS

Welcome to *CORE!*

Welcome to the beta release of the *Commons Open Repository* and archiving digital work. *CORE* provides *MLA Commons* membership, facilitating maximum discoverability and encouraging pe

The image shows a white background with the MLA Commons logo and a welcome message for the CORE beta release.

The Lifecycle Approach



“Rather than focusing on ***acquiring the products of scholarship***,
the library is now an engaged agent ***supporting and embedded within the
processes of scholarship.***”

--21st Century Library Collections: Calibration of Investment and Collective Action (ARL 2012)

Mission and Values



SHARE's mission is to maximize research impact by making research widely accessible, discoverable, and reusable.

SHARE is developing services to gather and freely share information about research and scholarly activities across their life cycle.

Making research and scholarship freely and openly available encourages innovation and increases the diversity of innovators.



How does it work?

SHARE dataset

150+ data sources

Registries (e.g. CrossRef, DataCite)

Disciplinary repositories and preprint services

Data repositories

Institutional repositories

Agency repositories (e.g. DOE SciTech Connect)

<https://share.osf.io/sources>





Notice: this is a public beta release



150 aggregated sources as of Tue Mar 14 2017

 Addis Ababa University Institutional Repository

AgriXiv

 Arizona State University Digital Repository Biodiversity Heritage Library OAI Repository bioRxiv Boise State University ScholarWorks CaltechAUTHORS CERN Document Server CiteSeerX Scientific Literature Digital Library and Search Engine Cleveland State University's EngagedScholarship@CSU AgEcon Search Apollo @ University of Cambridge arXiv BioMed Central

BITSS

 Calhoun: Institutional Archive of the Naval Postgraduate School Carnegie Mellon University Research Showcase Chapman University Digital Commons City University of New York ClinicalTrials.gov

aquatic ecology



21,412,314 events as of Mar 15, 2017

Found 180,213 events in 0.082 seconds

Aggregating 147 sources

View query body

Clear filters

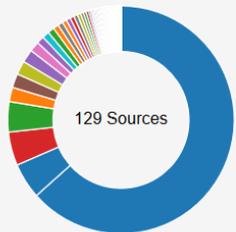
< 1 2 3 ... 1,000 >

17,022 additional pages not shown

Relevance

Source

Add Source filter



Date

All time

Rapid adaptation of herbivore consumers to nutrient limitation: eco-evolutionary feedbacks to population demography and resource control

Steven A. J. Declerck - Andrea R. Malo - Sebastian Diehl - Dennis Waasdorp - Kimberley D. Lemmen - Konstantinos Proios +1

Article

CrossRef

evolution ecology behavior and systematics

Funded by Nederlandse Organisatie Voor Wetenschappelijk Onderzoek

Last updated Sep 30, 2016

Published by International Studies Perspectives 2015. DOI: 10.1111/Insp.12104

Demographic modelling with whole-genome data reveals parallel origin of similar Pundamilia cichlid species after hybridization

Joana I. Meier - Vitor C. Sousa - David A. Marques - Oliver M. Selz - Catherine E. Wagner - Laurent Excoffier +1

Article

CrossRef, Dryad Data Repository



Metadata records by type

Data Set

Patent

Poster

Presentation

Publication (Article, Book, Conference Paper, Dissertation, Preprint,
Project, Registration, Report, Thesis, Working Paper)

Repository

Retraction

Software

<https://share.osf.io/discover>

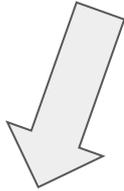
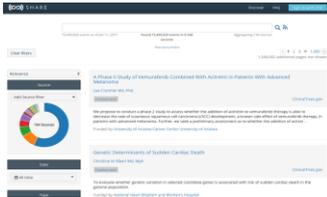


- API
- Feeds
- Application Components
- ...

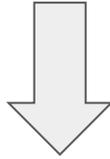
Integrations, Applications, Widgets, Other Solutions...



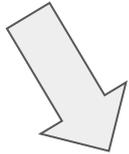
Discovery



Institutional Dashboard

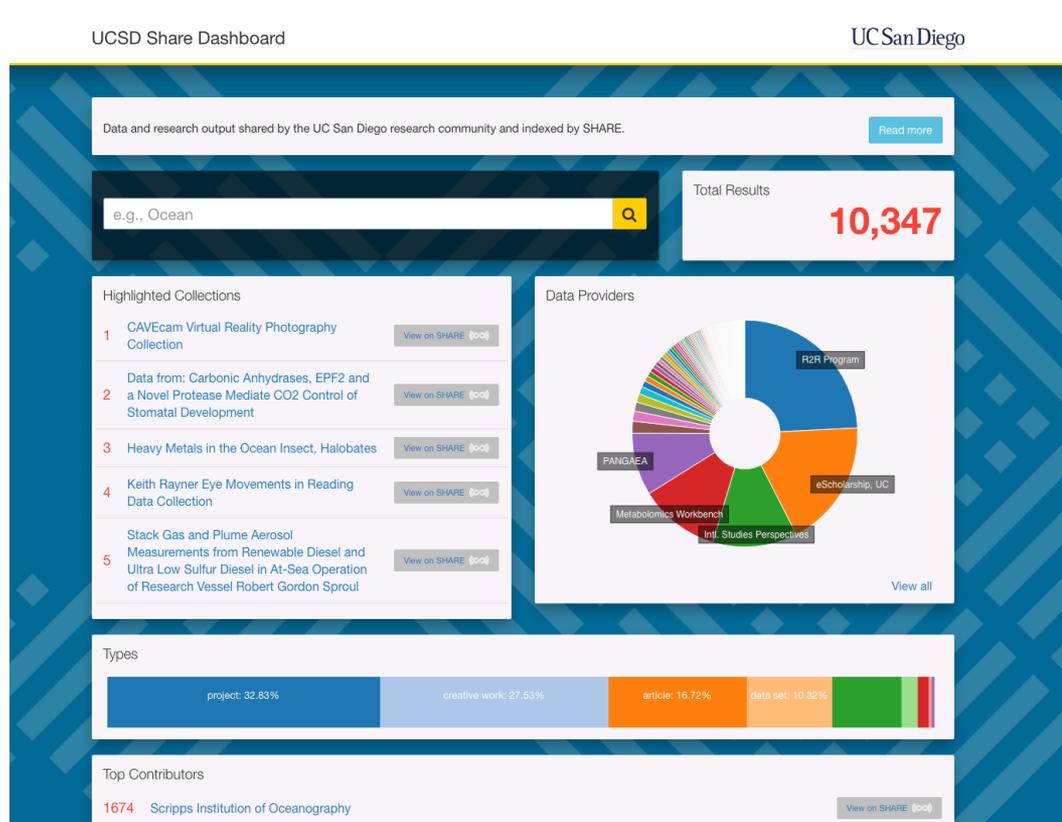


SHARE Notify



...

SHARE API powers new discovery services



Developing features of SHARE

Enhanced data model

Institutional dashboard

Aggregating more [varied] sources

Curation Associates work (including interface for curation)



SHARE Curation Associates



Program Goal: to support associates to leverage curation expertise to enhance the SHARE dataset, and to lead projects that provide benefits locally

Curation program

Local data curation

Project teams

Training, education, and outreach

Dataset curation (forthcoming)



Open Science Framework



Open Science Framework

Browse ▾

Help ▾



Sign in ▾

Simplified scientific collaboration

Powerful end-to-end support for your research.



<https://osf.io>

Local enhancement activities



First 6 months:

Metadata review

Gap analysis

Digital preservation review

Draft 3-3-3 plan

Upcoming:

Implement 3-3-3 plan

Metadata quality

Title

Author

Author 1

Author 2

Volume

Pages



Title

Author 1; Author 2



Coverage

?



Project groups



Potential data sources from re3data.org repositories

Populating an open access institutional repository with SHARE data

Graduate student researcher profiles

etc.



How can you participate in SHARE?

Register your repository!



<https://share.osf.io>

1. Scroll down, click on “Source Registration”
2. Create an OSF account
3. Fill out the form
4. a. If your repository has an OAI-PMH endpoint, the SHARE team will take care of everything from there!
b. Otherwise they will work with you on what you’ll need to submit.

Use the API!

<https://osf.io/bygau>

Getting started documentation, sample scripts!

More documentation on the SHARE website.





Get more information

www.share-research.org/updates
@SHARE_Research

Get involved!

info@share-research.org



Question time



Thanks to Cynthia Hudson-Vitale for creating some of the slides used in this presentation! And to all the SHARE folks including Jeff Spies, Judy Ruttenberg, Rick Johnson, Erin Braswell, and Amy Eshgh.