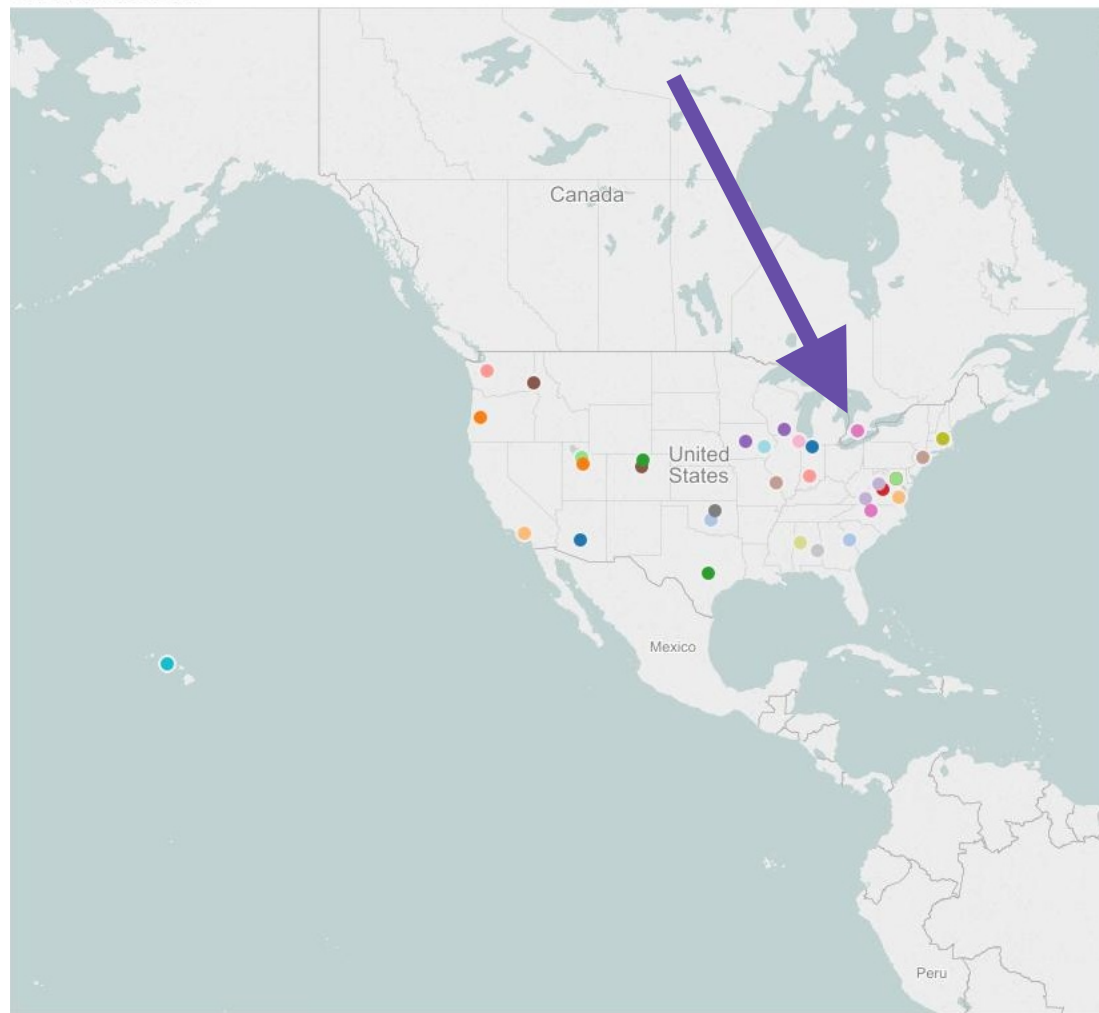SHARE

Joanne Paterson
Western University

HOW I PLANNED

TO SPEND MY SUMMER

Curation Associates

Institution
- Arizona State University
- Augusta University
- Brighman Young Univer..
- College of William and ..
- Colorado State
- George Washington Uni..
- Georgetown University
- Indiana University
- Iowa State University
- James Madison Universi..
- NCAR
- New York University
- North Carolina A&T
- Northwestern University
- Oklahoma State Univers..
- Tuskegee University
- UMass Medical School
- University of Alabama
- University of Hawaii at M..
- University of Iowa
- University of Notre Dame
- University of Oklahoma
- University of Oregon
- University of Southern C..
- University of Texas Aust..
- University of Utah
- University of Virginia
- University of Washington
- University of Wisconsin
- Virginia Tech
- Washington State Unive..
- Washington University i..
- Western University

Hey, that's me! :)

Mission

SHARE is a higher education initiative whose mission is to **maximize research impact** by making research widely accessible, discoverable, and reusable.

Mission

SHARE is a higher education initiative whose mission is to **maximize research impact** by making research widely accessible, discoverable, and reusable. To fulfill this mission SHARE is building a **free, open data set** about research and scholarly activities across their life cycle.

Impetus for Share

ARL, AAU and AAPLU meetings

OSTP memorandum on Public Access to publicly funded research

Discussions about the role of Institutional Repositories

General conversations about dissemination, access, and preservation of research

Open infrastructure for open access

OA advocacy & policy is more mature than OA infrastructure & implementation

OA implementation infrastructure should be **open**

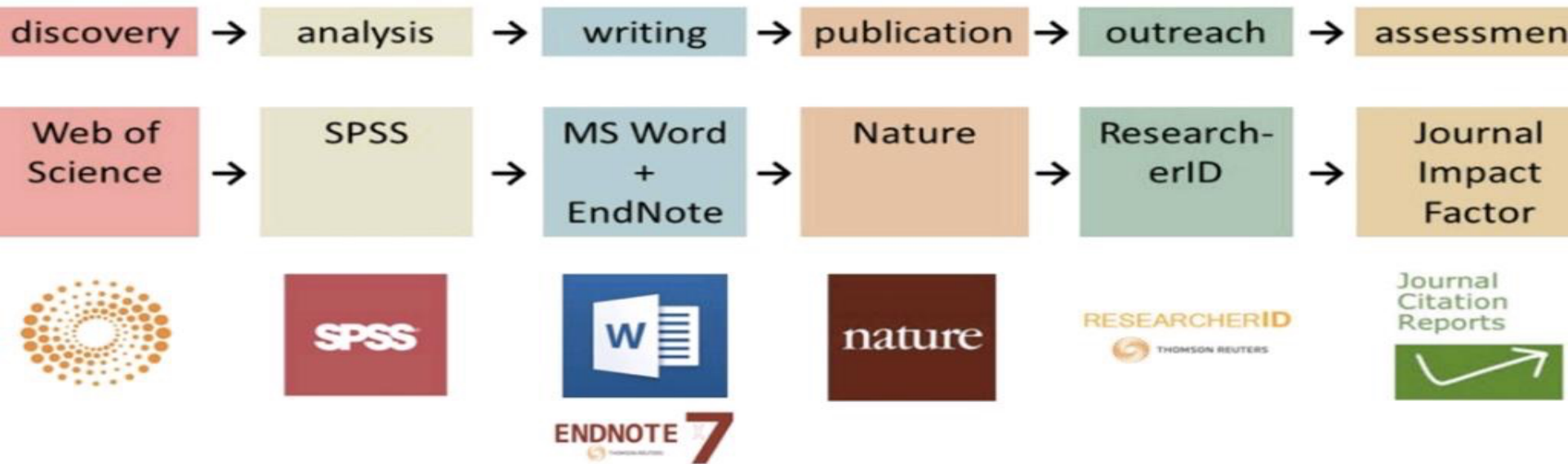Metadata

Standards and identifiers

Code, platforms, and APIs

TRENDS IN H.E.

Research Life Cycle

Re-use — Planning — Implementation — Publishing — Discovery & Impact — Preservation

University of California, Irvine
http://previous.lib.uci.edu/dss/

Traditional workflow

discovery → analysis → writing → publication → outreach → assessment

| Web of Science | → | SPSS | → | MS Word + EndNote | → | Nature | → | Research-erID | → | Journal Impact Factor |

All of these tools licensed by institution

Open Science

discovery	→	analysis	→	writing	→	publication	→	outreach	→	assessment

Paperity	→	ROpenSci Science Exchange Zooniverse	→	Hypothes.is Google Drive Zotero	→	F1000Res PLoSOne Figshare Dryad	→	ORCID Research Gate SlideShare	→	Publons + ImpactStory

All of these tools accessible by researcher

101 Innovations in Scholarly Communication

RESEARCH DATA MANAGEMENT

COLLECTIONS

ASSESSMENT AND POLICIES

BIBLIOMETRICS

129 aggregated sources as of Tue Oct 25 2016

Providers Gather Notify Consumers

The Open Science Framework (OSF):

Improve the openness and reproducibility of research

Fosters collaboration, and Documentation and Archiving habits

Manages version control and integrated public and private workflows

By integrating into the open software tools researchers already use, OSF makes "open" easy.   **https://osf.io/** **Webinars: https://osf.io/e36hx/**

14078600 events as of Oct 26 2016   Found 14078600 events in 0.338 seconds   126 aggregated sources

View query body ▴

Clear filters   relevance ⇕

Source

Add Source filter ▾

128 Sources
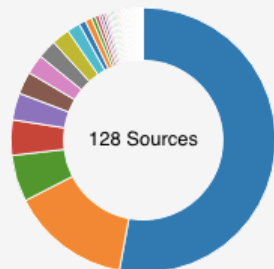
SH078169.07FU Rhizophagus irregularis (Błaszk., Wubet, Renker & Buscot) C. Walker & A. Schüßler

creativework   DataCite MDS

Abstract UNITE provides a unified way for delimiting, identifying, communicating, and working with DNA-based Species Hypotheses (SH). All fungal ITS sequences in the international nucleotide sequence databases are clustered to approximately the species level by applying a set of dynamic distance values (<0.5 - 3.0%). All species hypotheses are give ...

application/json   Dataset/UNITE Species Hypothesis   Dataset   ESTDOI.BIO   ESTDOI

Affiliated with NHM UT - University of Tartu; Natural History Museum and Botanic Garden

Last updated Apr 20, 2016   Published by UNITE Community

CCDC 1462836: Experimental Crystal Structure Determination

creativework   DataCite MDS

Other Related Article: Shinji Tanaka|2016|CSD Communication||| Abstract An entry from the Cambridge Structural Database, the world's repository for small molecule crystal structures. The entry contains experimental data from a crystal diffraction study. The deposited dataset for this entry is freely available from the CCDC and typically includes 3D ...

Date

📅 All time ▾

Type

Digital curation associates

Merges librarians' interest in furthering the technical skills with SHARE's need for expert metadata curation

Some of the topics we will cover this year

- OpenRefine
- Text Processing and Natural Language Processing in Python
- Feedback on curation tool
- Check in on projects, workshops and curation
- Data Curation
- Bitcurator
- Metadata (domain, multilingual)
- Archivematica/Rosetta

Learning Python in a mini-conda environment

Projects

Associates may adopt a project to work on to help partner organizations/initiatives curate the SHARE dataset and realize value

Integrate : VIVO	Research data searching/index
Faculty output database	Funder compliance
Metadata data dictionary	Institutional Identifiers
Workflows for populating an OA IR	Legacy digital asset systems metadata migration

The initiative is led by the Association of Research Libraries (ARL) and the Center for Open Science (COS) with the support of the Association of American Universities (AAU) and the Association of Public and Land-grant Universities (APLU). SHARE is underwritten, in part, by generous funding from the Alfred P. Sloan Foundation and the Institute of Museum and Library Services (IMLS).