The Open Science Framework at Oxford

Bodleian iSkills

Neil Jefferies, Head of Innovation
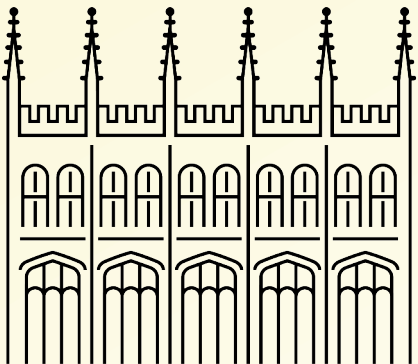*Open Scholarship Support, Bodleian Libraries*
University of Oxford

Introduction to OSF at Oxford

- Course prerequisites

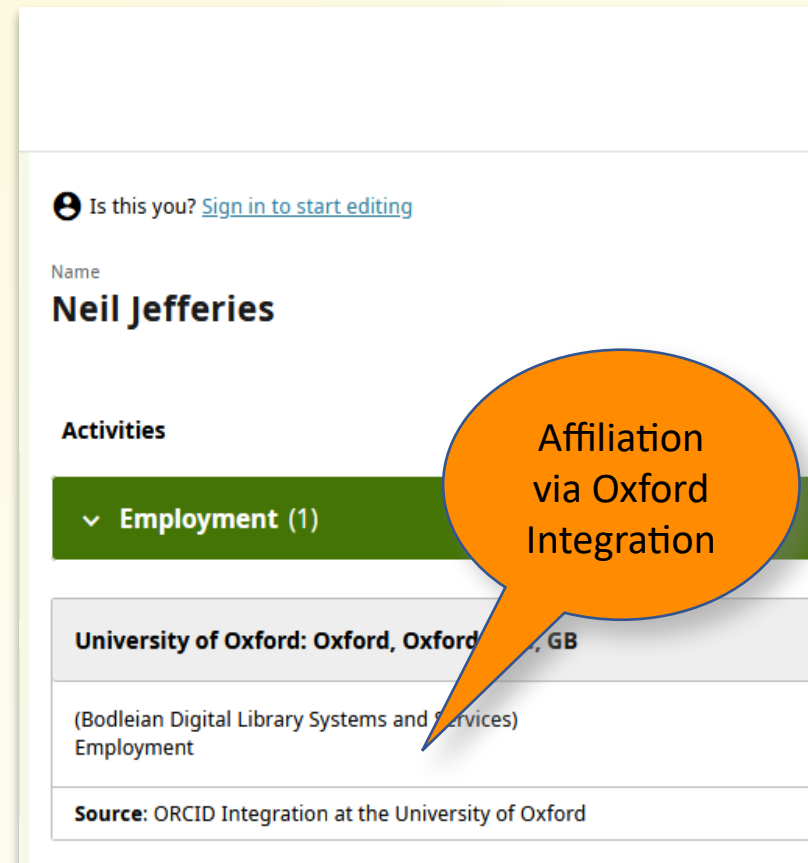- What is the Open Science Framework?

Hands on with the OSF

- Getting on to OSF at Oxford

- Pre-registrations

- Projects

- Making material available

Before we start...

- Familiar with the concepts in "Open Access Fundamentals" and "Open Access Logistics" iSkills courses

- ORCID linked to your Oxford SSO

- If not, go to register.it.ox.ac.uk/self/orcid

- More details at orcid.web.ox.ac.uk

Is this you? Sign in to start editing
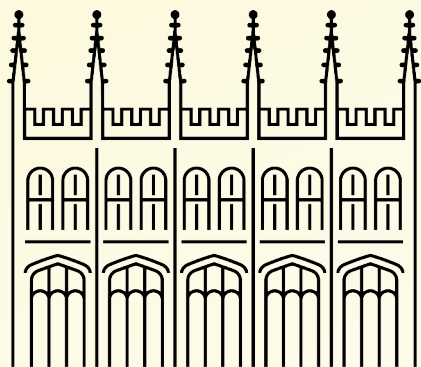
Name
Neil Jefferies

Activities

∨ **Employment** (1)

Affiliation via Oxford Integration

University of Oxford: Oxford, Oxford, GB

(Bodleian Digital Library Systems and Services) Employment

**Source:** ORCID Integration at the University of Oxford

What is the Open Science Framework?

- A free, open-source research management platform to assist Open Scholarship

- Helps researchers openly and transparently share their work at **all** stages of the research lifecycle
    - But not compelled to make everything open

- Run by the Center for Open Science (COS), a not for profit based in the US
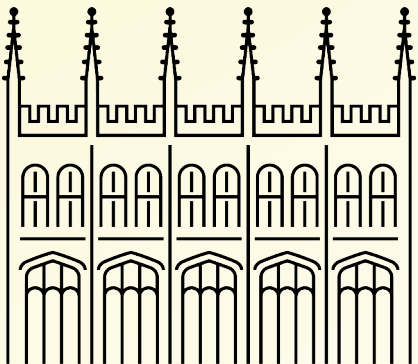
How does the OSF Work?

- Rather than re-inventing the wheel, OSF connects existing services into a research workflow

- Researchers can use any or none of these services

- OSF does have built-in workflow and storage capability

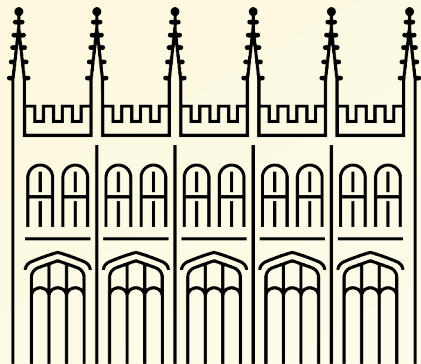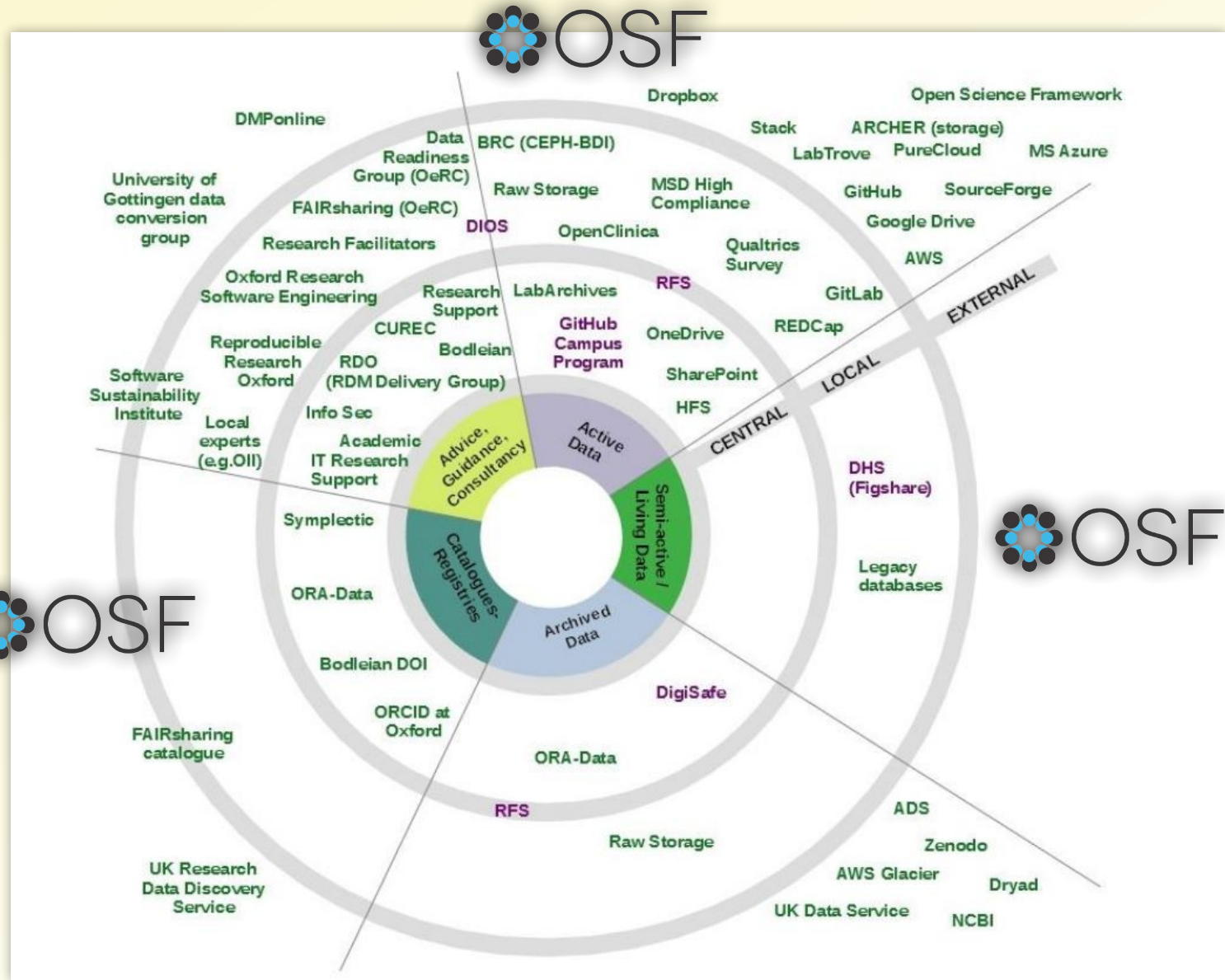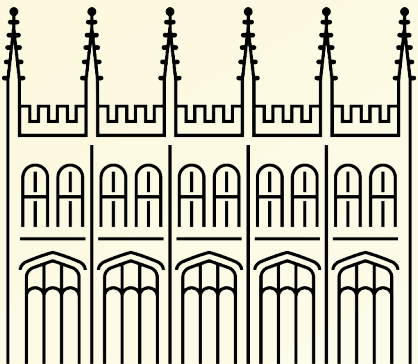- The services shown are examples, many more exist
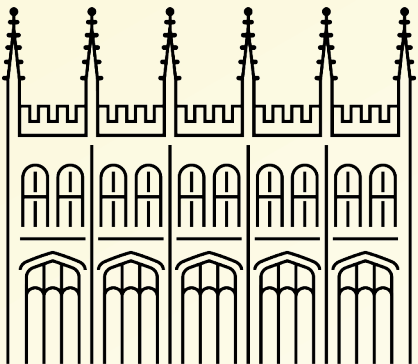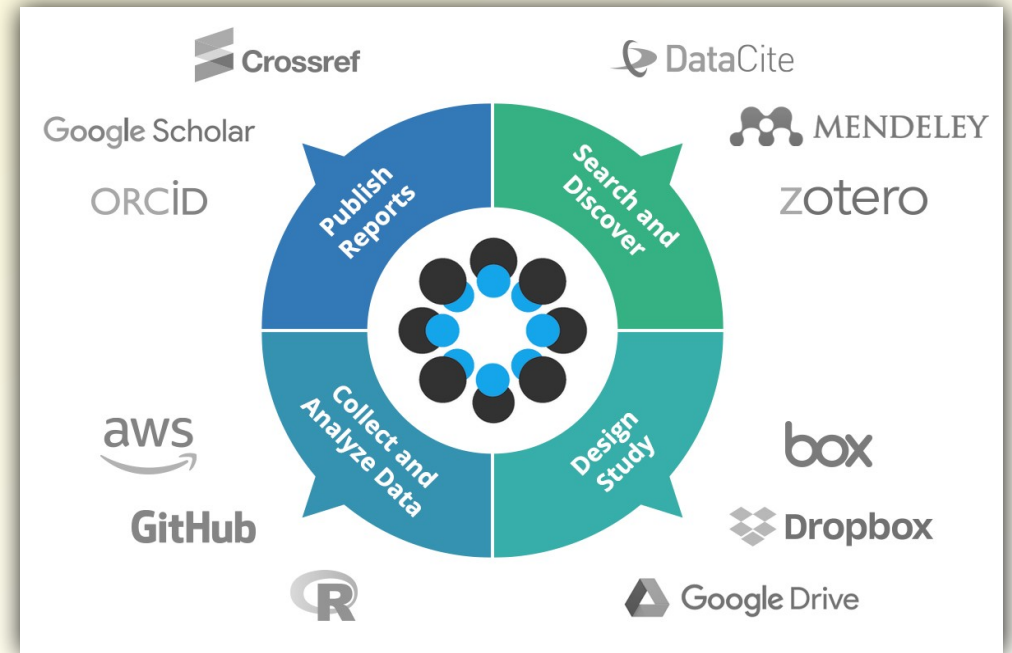
OSF at Oxford

- 4 year pilot run by the Bodleian and funded by MSD as part of their support for Open and Equitable Publishing

- Launched June 2022

- Open to all Oxford researchers

- Integrated with Oxford SSO/ORCID

- Existing Oxford users can migrate to the Oxford Institutional instance (relatively) painlessly

Goals of the pilot

- Understand how Oxford researchers use OSF

- Examine how OSF could integrate with Oxford's RDM ecosystem (it does not do everything!)

- Support and help develop Open Scholarship tools and infrastructures (being a good corporate citizen)
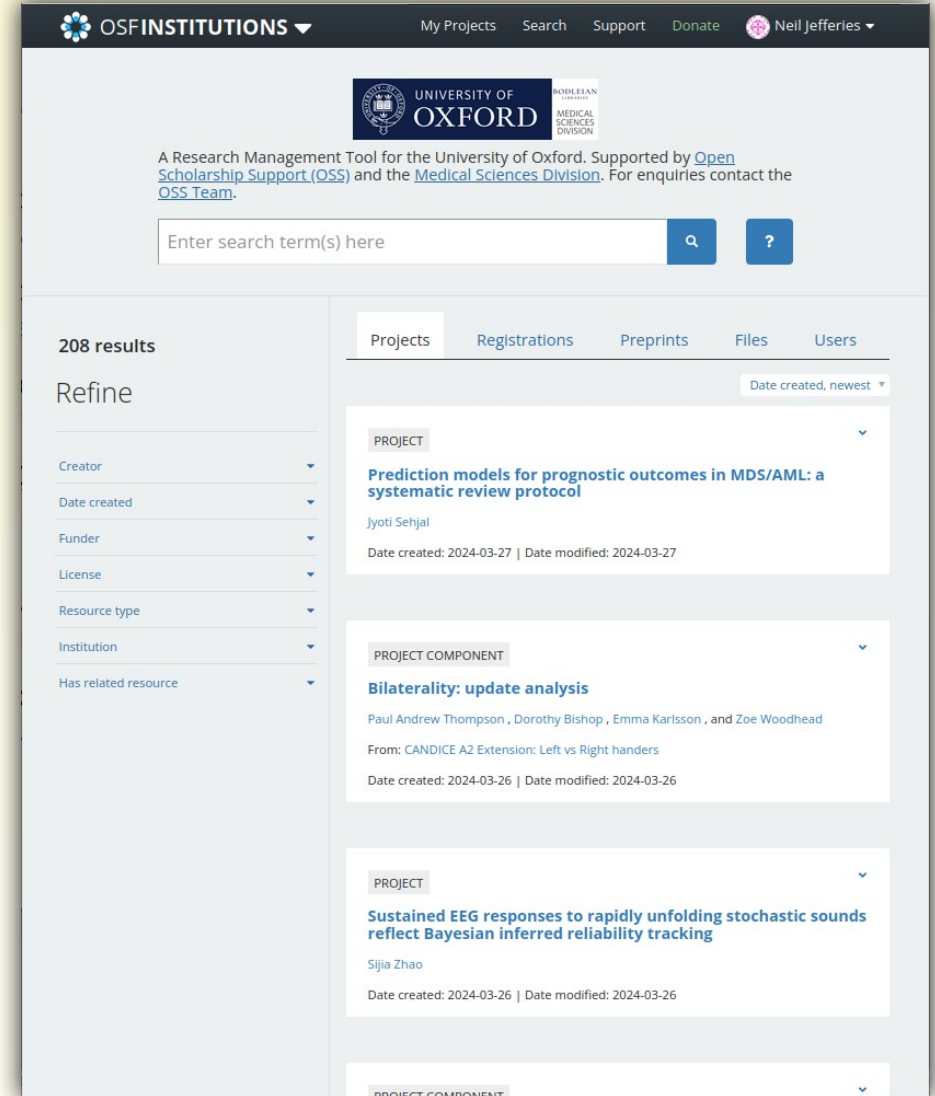
- Identify support and training needs

OSF and Oxford RDM

Useful Links

- OSF at Oxford
  https://osf.io/institutions/oxford

- OSF at Oxford Support
  https://osf.web.ox.ac.uk/

- Center for Open Science
  https://www.cos.io/

- ORCID at Oxford Support
  https://orcid.web.ox.ac.uk/

- Oxford ORCID Integration
  https://register.it.ox.ac.uk/self/orcid

- Research Data Oxford
  https://researchdata.web.ox.ac.uk/

Hands on with the OSF at Oxford
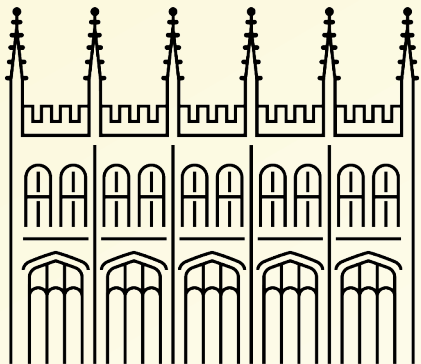
Creating an OSF Profile

1) Go to https://osf.io and click on the <Sign Up> button at the top right

2) On the next screen, press the <Institution> button

3) On the next screen, select the <University of Oxford (via ORCID SSO)> and then press the <Sign in> button

4) On the ORCID sign-in screen, select <Access through your Institution> and then select <University of Oxford>

5) If you have not already signed in, you will be prompted for your Oxford SSO credentials

6) You have now created your OSF profile.
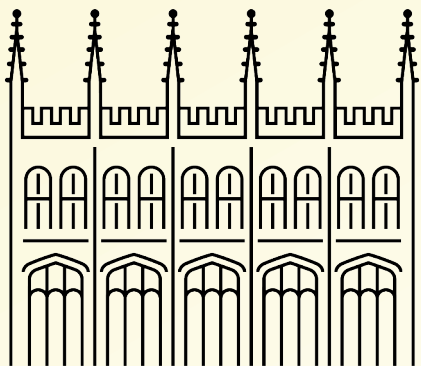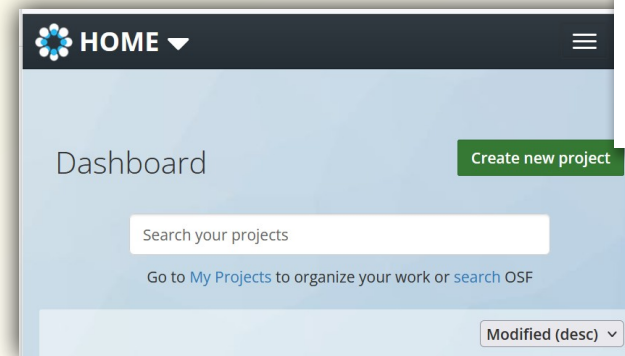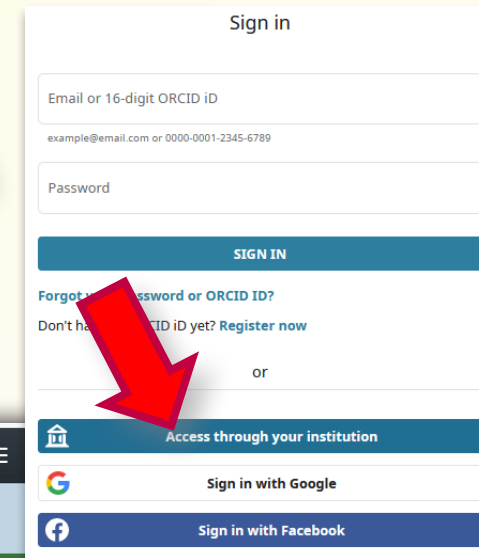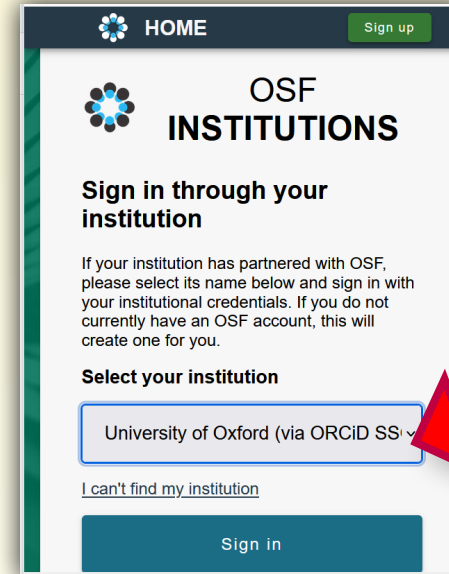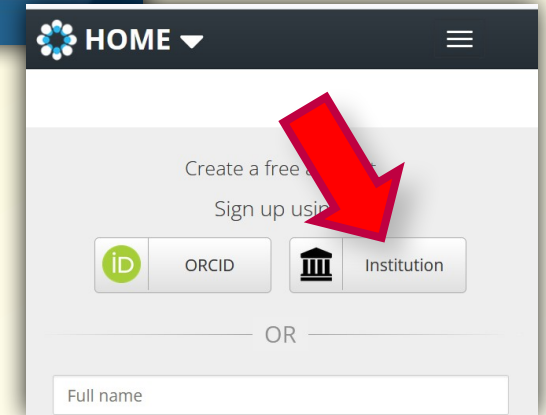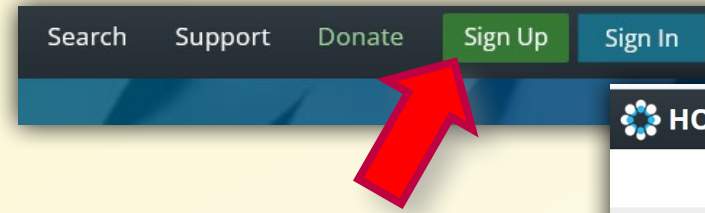
Exploring your OSF Profile

- To see your OSF profile, select your name at the top right and the select <My Profile> from the menu

- To edit your profile, select <Settings> from the same menu

- In the <Profile information> section, you can fill in more or less detail about yourself. This is shown when people click on your name in OSF.

- In the <Account settings> section, you should see your email, ORCID and Oxford affiliation have been automatically filled via your Oxford SSO.

upport   Donate   Neil Jefferies ▾

👤 My Profile
🛟 OSF Support
⚙ Settings
↪ Log out

Profile information

Account settings

Configure add-on accounts

Notifications

Developer apps

Personal access tokens

Connected identities

Connected identities allow you to log in to th service.
You can revoke these authorizations here.

ORCID: 0000-0003-3311-3741 (Verified)

Affiliated institutions

Affiliated Institutions connect your OSF acco organization.
Affiliated Institutions can be removed from y

University of Oxford

Finding Stuff in OSF

- Search is available from the home screen and most places in OSF

- Results can be shared by cutting and pasting URL's

- Search results can be refined using facets derived from metadata

- This also applies to your material in OSF, so please provide good metadata!
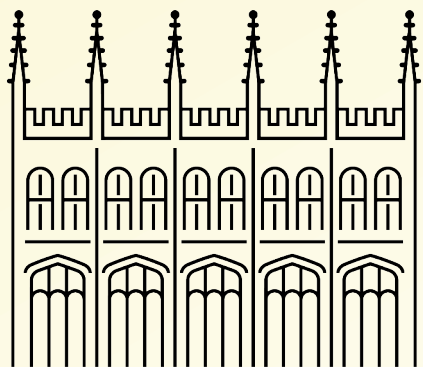
OSF Registries

- A **pre-registration** is a time-stamped, read-only version of a research plan created and submitted to a public registry before the study is conducted

  - OSF is an accepted public registry for some disciplines

  - The form of preregistrations is discipline specific, as is practice

  - In general, a **registration** is the same thing, but submitted after research activity has begun. A **registered report** is similar, but submitted to a journal

  - A pre-registration *can* be created from a regular OSF Project

- Preregistrations are a formal, transparent research plan, which can include any updates that needed to be made, and the results

  - Aids reproducibility

  - Can be peer reviewed, and some journals/disciplines will publish results on the basis of an accepted registration

- We have an entire iSkills course "Preregistration and Registered Reports: What, Why, and How"
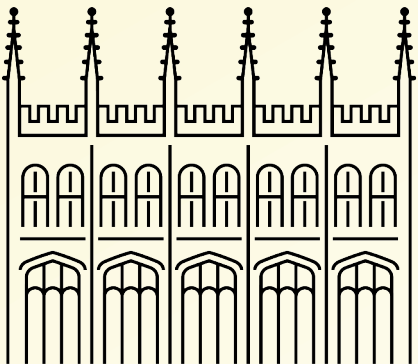
Creating OSF Pre-registrations

- Click on OSF Home at the top left, and select <OSF Registries> from the menu

- From the top right menu bar, select <Add New>

- STEP 1 Gives you the option to import material from an existing project

- STEP 2 Presents a range of discipline specific pre-registration templates

    - These determine which OSF Registry the pre-registration is published to

    - They also define a registration workflow and metadata requirements

OSF**HOME** ▾

OSF**HOME**
OSF**PREPRINT**
OSF**REGISTRIES**
OSF**MEETINGS**
OSF**INSTITUTIONS**

Add New   My Registrations   Help

STEP 1

Do you have content for registration in an existing OSF project?

YES   NO

STEP 2

Which type of registration would you like to create? *

OSF Preregistration ▲

OSF Preregistration
Generalized Systematic Review Registration
Open-Ended Registration
OSF-Standard Pre-Data Collection Registration
Pre-Registration in Social Psychology (van 't Veer & Giner-Sorolla, 2016): Pre-Registration
Preregistration Template from AsPredicted.org

Copyright © 2011-2...   ...Policy | Status | API
TOP Guidelines | R...   ...ect: Cancer Biology

Managing OSF Pre-Registrations

Pre-registrations have a complex submission process

1) Completed the template workflow

2) Review the pre-registration as it will appear in the registry

3) If you are happy then go ahead and Register the pre-registration

4) If importing from a project, select the components you wish to include

5) Chose whether to make the pre-registration public immediately or set an embargo period

6) If any others are involved with the pre-registration they must also approve the submission

7) The registration is then date-stamped and archived. It may be updated but the original remains in the registry as a record.
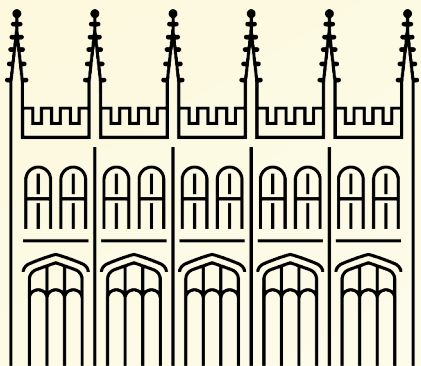
Workflow
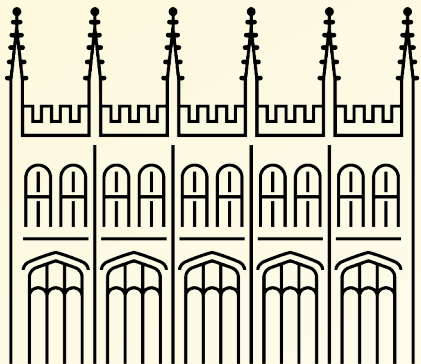
Review

Register

Select Components

Embargo?

Approval

Archive

Useful Links

- Editing your OSF profile
  https://help.osf.io/article/242-edit-your-profile

- OSF notifications
  https://help.osf.io/article/235-configure-email-and-notification-preferences

- Searching OSF
  https://help.osf.io/article/588-getting-started-with-osf-search

- Pre-registration templates
  https://osf.io/zab38/wiki/home/

- Submitting pre-registrations
  https://help.osf.io/article/164-submit-your-draft-registration

- OSF Registries
  https://osf.io/registries

My Registrations

Drafts   Submitted

📦 **Age and Political Identification**

Registration template:	OSF Preregistration
Registry:	Metascience Registry
Registered:	Mon Sep 28 2020 14:21:54 GM
Last updated:	Wed Aug 02 2023 20:22:31 GM
Contributors:	Miske, Loomas, Pfeiffer, and
Description:	A study on age and political id
Tags:	election political ideology

View   Update

OSF Projects

- OSF is primarily based around the idea of a "project"

- A project gathers together and manages all the bit-and-pieces that make up a research activity

- These may be files, data and metadata stored in OSF, but also material from any of the integrated services

- OSF provides discovery tools to locate both your own and other open materials

- OSF helps with sharing and access control to your material
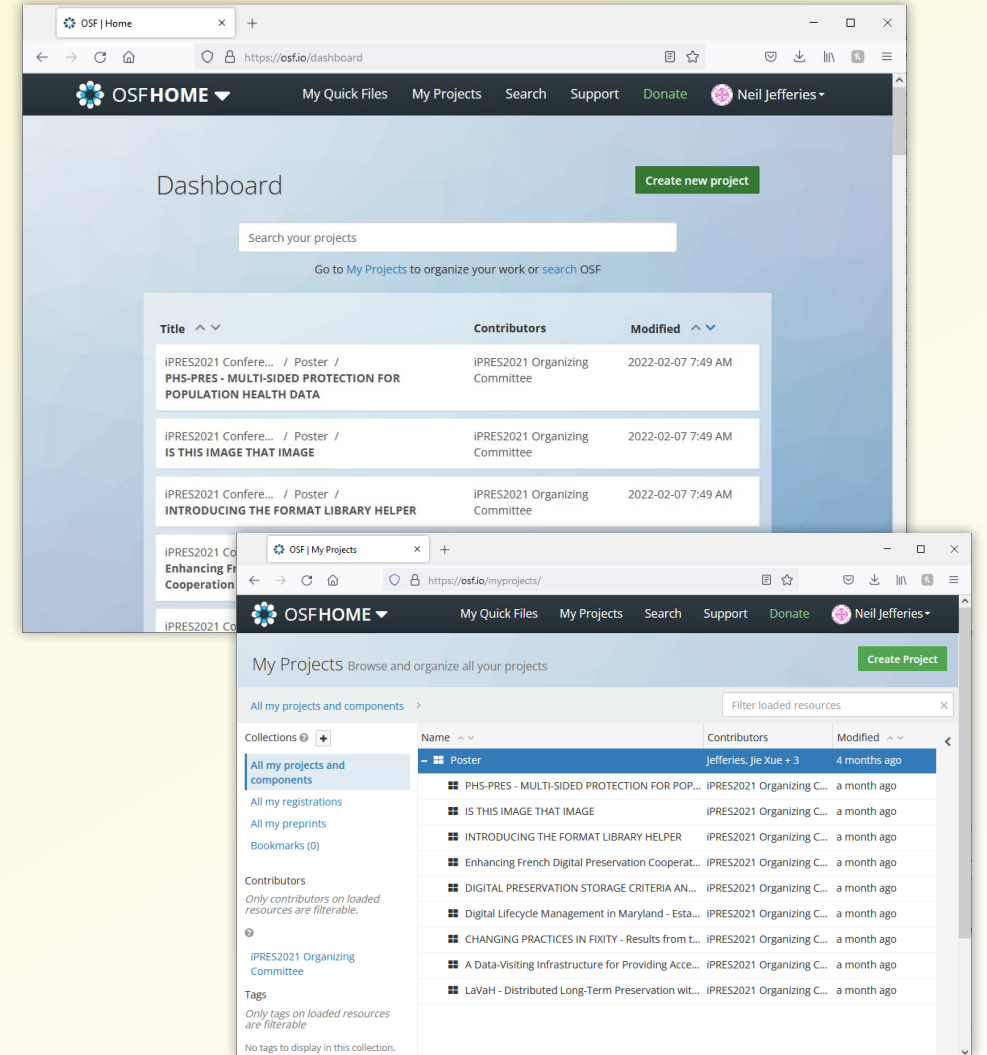
Creating an OSF Project

- Go back to OSF Home https://osf.io, you should still be logged on

- Press the <Create new project> button on the right

- You will need to provide a few essential details before pressing the <Create> button:

  - Title for the project

  - Oxford affiliation should appear automatically

  - Storage location for the data held in OSF. Select <Germany> if you have GDPR concerns. You can set a default location in your profile.

- You can now go to your newly created project

Create new project

Create new project

Title

Enter project title

Affiliation   Select all Remove all

Storage location

Germany - Frankfurt

▸ More

Cancel   Create

New project created successfully!

Keep working here   Go to project
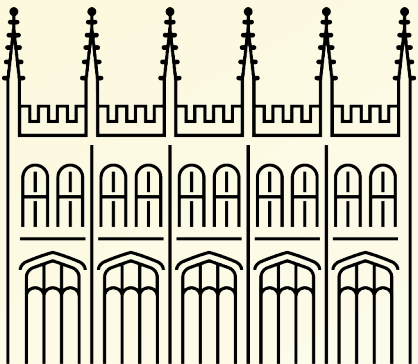
Project Home Page

OSF HOME ▾

My Projects   Search   Support   Donate

Test   Metadata   Files   Wiki   Analytics   Registrations   Contributors   Add-ons   Settings

Test

0.0B   Private   Make Public   ⚑ 0   ...

Contributors: **Neil Jefferies**

Affiliated Institutions: University of Oxford

Date created: 2024-04-24 10:11 AM | Last Updated: 2024-04-24 10:11 AM

Category: 📦 Project

Description: *Add a brief description to your project*

License: *Add a license*

Wiki ⇱

Add important information, links, or images here to describe your project.

Citation ⌄

Components   Add Component   Link Projects

Add components to organize your project.

Files ⇱

Click on a storage provider or drag and drop to...

🔍

Name ▲ ▼   Modif...

...ance discoverability

Callout: Projects start private, you need to explicitly make them public

Callout: A simple Wiki allows you to easily add project news to the front page

Callout: OSF generates project references in various citation formats

Callout: This sections what is stored where (in OSF or external services)

Callout: Components are sub-projects for different parts of a project
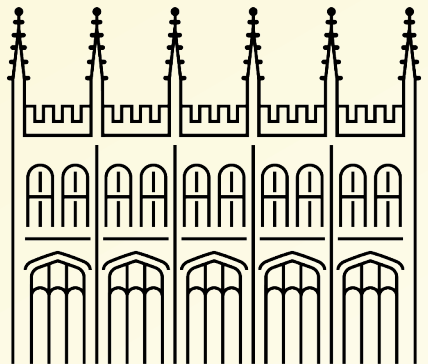
Project Metadata

Metadata

+ Add Community Metadata Records

OSF

Description

Digital texts are all around us - as objects of study in scholarly work, to the news, social media and othe[r] texts we interact with everyday online. But how long will these digital texts last? The problem with digital texts is that they come in a variety of formats that are hard to reuse. Reusing and sustaining digital texts requires format and infrastructure updates beyond the skill and funding limits that few researchers can access. This project aims to scope and define an Interoperable Text Format as a means for accessing and delivering text that is stored in a variety of extant formats. Importantly, we are aiming for something that is both human- and computer-readable.

Contributors

Caterina Agostini, Megan Gooch, Robert Goulding, Michael Hawkins, Dirk Van Hulle, Neil Jefferies, Daniel [Jo]hnson, Natalie Meyers, Nilo Pedrazzini, Robert Ralley, and 1 more ▾

[Re]source Information ❓

[Re]source type:
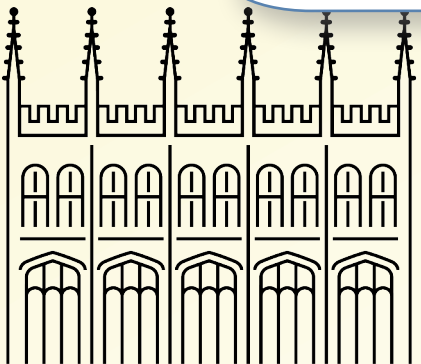
[Re]source language:

Funding/Support Information ❓

Funder: National Endowment for the Humanities

Some disciplines have metadata standards which OSF knows about

Add funder and grant information, if applicable.

Add your collaborators. You can set access permissions on individual components.

Integrating External Services

OSF HOME

My Projects　Search　Support　Donate　Neil Jefferies

Unlocking Digital Texts: Towa...　Metadata　Files　Wiki　Analytics　Registrations　Contributors　**Add-ons**　Settings

Select Add-ons

Configure Add-ons

Select Add-ons

Sync your projects with external services to help stay connect... browse the options.

| Categories		Search...
All	▶	GitHub
		GitLab　En...
Citations	▶	Google Drive　*Disable*
Remote-computing	▶	Mendeley　Enable
Storage	▶	OneDrive　Enable
		OSF Storage　...is is a default addon)
		ownCloud　Ena...
		Zotero　En...

Configure Add-ons

Google Drive　　Import Account from Profile

> Not all add-ons are form storage. Citations can be brought in from Zotero and Mendeley.

> Add-ons require configuration to link to a specific account on the external service

> You can manage content from your University OneDrive account.
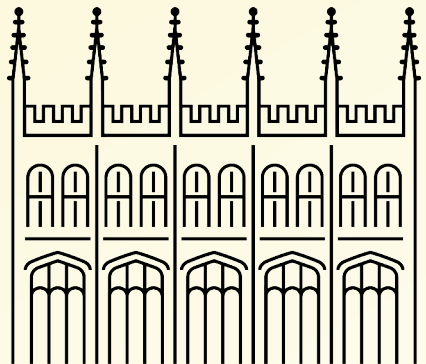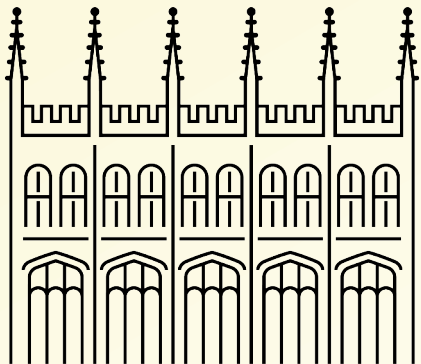
Making Material Public

- By default projects and components are private. They can only be seen by their creator and any collaborators that have been given permission.

- Pressing the <Make Public> button will make it visible to everyone, and also indexed by the OSF Search facility

- When making things public you **should** chose a suitable licence

- Once something is public you can create a DataCite DOI for it too. For data, you should also create a record of the DOI in ORA Data.

- If you change your mind you can press the <Make Private> button.
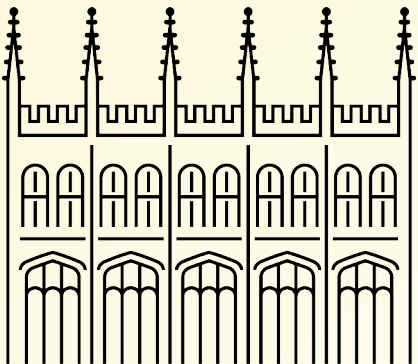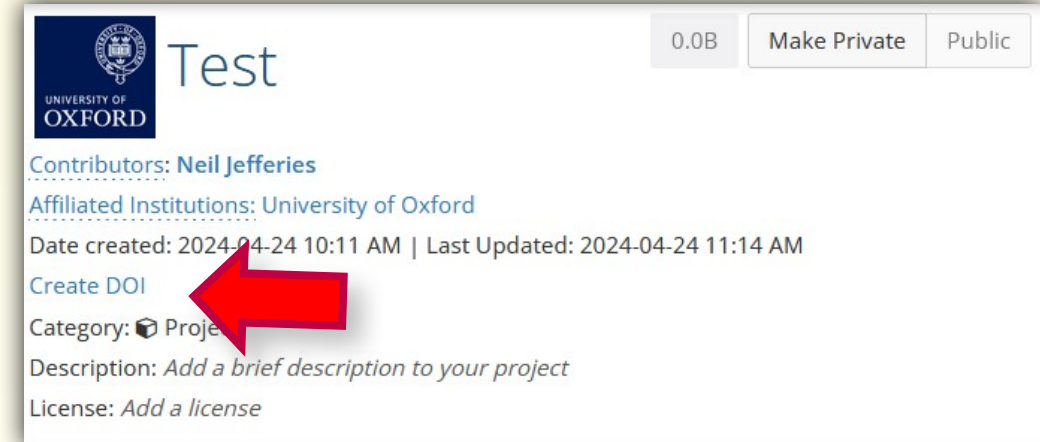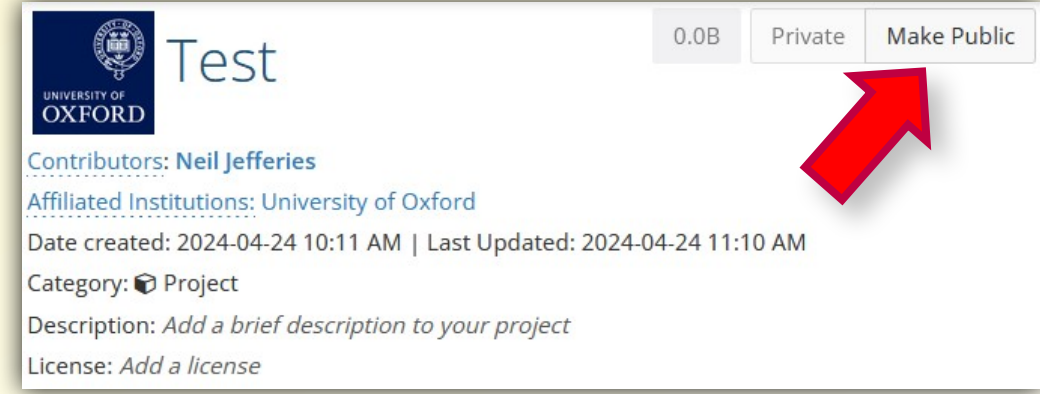
Other OSF Services

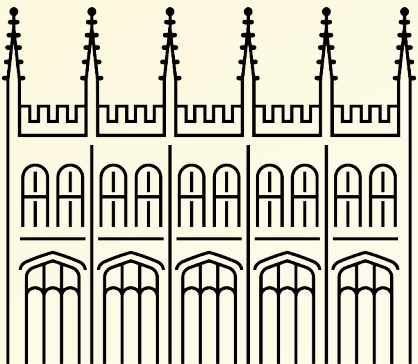OSF PREPRINTS: OSF hosts many preprint services and provides a simple submission workflow from projects

OSF MEETINGS: OSF provides a presentation and poster sharing service for conferences and meetings

OSF at Oxford Progress

Projects by Division (January 2023)

- MSD: 38
- SSD: 12
- ContEd
- MPLS: 2
- Humanities: 1
- GLAM: 1
- (2)
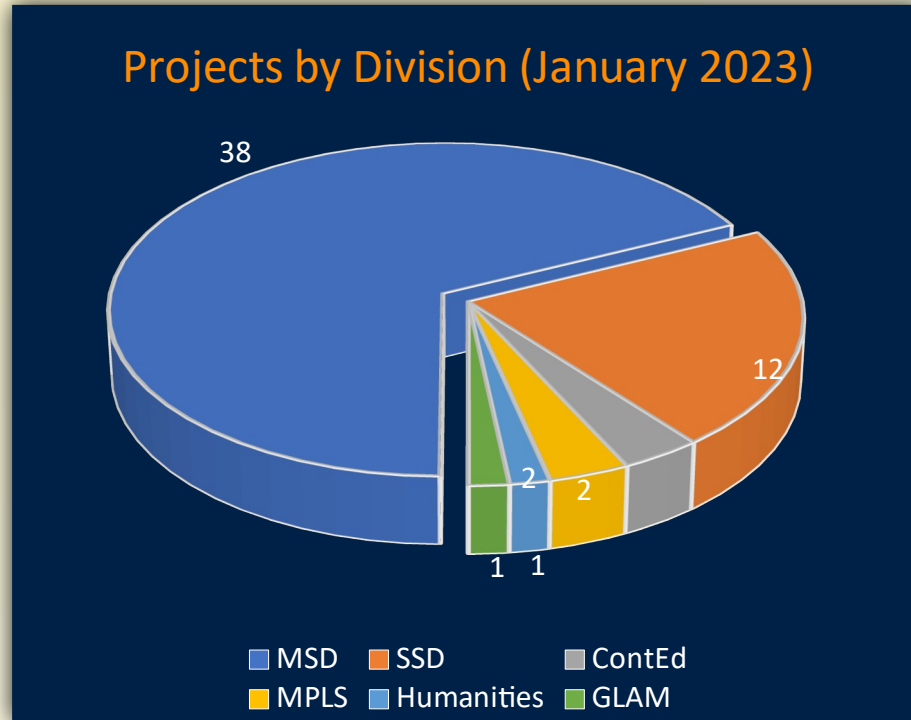
- Formally launched June 2022 (although available earlier)

- By January 2023
  - 53 public projects (some interdisciplinary)
  - 154 contributors
  - 12 public pre-registrations

- This has been primarily through organic growth and departmental advocacy

- By December 2023 (better reports available)
  - 119 public projects (107 private)
  - 417 affiliated users (out of 1780)
  - 69 public pre-registrations (14 private)
  - 546 pre-prints

Questions