

UConn Library's Research Data Archive

Providing Access To Your Data

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Funder Requirements as Outlined in Data Management Plans – NSF General

- ▶ Policies for access and sharing
 - ▶ It is necessary to explain how, what, and when data will become available. The “How” considers the means such as a web page, email request or repository. The “What” takes into account sets that have to take into consideration patentability or human subject concerns. The “When” includes issues such as embargo, retention, or restricted access.
- ▶ Policies for re-use and redistribution
 - ▶ It is necessary to explain who can use your data, how they will be allowed to use your data, and if they can redistribute your data. This explanation needs to be publicly available.
- ▶ Plans for archiving and preservation
 - ▶ It is necessary to explain how and by what means you will maintain and curate your data over the long-term, either indefinitely or for a particular retention period. This includes considering where to deposit your data that fits how you outline access, sharing, re-use, and redistribution, backup strategies, what happens to the data after the life of the project, and what other documentation is needed to accompany your data to ensure others understand its context and relevancy.

Funder Requirements as Outlined in Data Management Plans – NEH ODH

- ▶ Period of data retention
 - ▶ It is necessary to explain what and when data will become available. The “What” takes into account sets that have to take into consideration patentability or human subject concerns. The “When” includes issues such as embargo, retention, or restricted access.
- ▶ Data formats and dissemination
 - ▶ It is necessary to explain your data formats, how these data will be made publicly available, how others will be allowed to use your data, and if they can redistribute your data. This explanation needs to be publicly available.
- ▶ Data storage and preservation of access
 - ▶ It is necessary to explain how and by what means you will maintain and curate your data over the long-term, either indefinitely or for a particular retention period. This includes considering where to deposit your data that fits how you outline access, sharing, re-use, and redistribution, backup strategies, what happens to the data after the life of the project, and what other documentation is needed to accompany your data to ensure others understand its context and relevancy.

Funder Requirements as Outlined in Data Management Plans – NIH General

- ▶ Data sharing plan
 - ▶ It is necessary to explain what and when data will become available. The “What” takes into account sets that have to take into consideration patentability or human subject concerns. The “When” includes issues such as embargo, retention, or restricted access.
 - ▶ It is necessary to explain your data formats, how these data will be made publicly available, how others will be allowed to use your data, and if they can redistribute your data. This explanation needs to be publicly available.
 - ▶ It is necessary to explain how and by what means you will maintain and curate your data over the long-term, either indefinitely or for a particular retention period. This includes considering where to deposit your data that fits how you outline access, sharing, re-use, and redistribution, backup strategies, what happens to the data after the life of the project, and what other documentation is needed to accompany your data to ensure others understand its context and relevancy.
- ▶ NIH – GDS: Genomic Data Sharing
 - ▶ Adds specific language to identify the data repository or repositories where the data will be submitted.

Funder Requirements as Outlined in Data Management Plans - Institute of Education Sciences

- ▶ Expected schedule for data sharing
 - ▶ It is necessary to explain what and when data will become available. The “What” takes into account sets that have to take into consideration patentability or human subject concerns. The “When” includes issues such as embargo, retention, or restricted access.
- ▶ Data sharing agreement
 - ▶ It is necessary to explain how these data will be made publicly available, how others will be allowed to use your data and if they can redistribute your data. This explanation needs to be publicly available.
- ▶ Method of data sharing
 - ▶ It is necessary to explain how and by what means you will maintain and curate your data over the long-term, either indefinitely or for a particular retention period. This includes considering where to deposit your data that fits how you outline access, sharing, re-use, and redistribution, backup strategies, what happens to the data after the life of the project, and what other documentation is needed to accompany your data to ensure others understand its context and relevancy.

Funder Requirements as Outlined in Data Management Plans – NSF Biology

- ▶ Expected schedule for data sharing
 - ▶ It is necessary to explain what and when data will become available. The “What” takes into account sets that have to take into consideration patentability or human subject concerns. The “When” includes issues such as embargo, retention, or restricted access.
- ▶ Policies for data sharing and public access
 - ▶ It is necessary to explain how these data will be made publicly available, how others will be allowed to use your data and if they can redistribute your data. This explanation needs to be publicly available.
- ▶ Archiving, storage and preservation
 - ▶ It is necessary to explain how and by what means you will maintain and curate your data over the long-term, either indefinitely or for a particular retention period. This includes considering where to deposit your data that fits how you outline access, sharing, re-use, and redistribution, backup strategies, what happens to the data after the life of the project, and what other documentation is needed to accompany your data to ensure others understand its context and relevancy.

The Common Thread

These and other funder requirements focus on:

- ▶ Ensuring data:
 - ▶ Sharing
 - ▶ Archiving
 - ▶ Preservation
 - ▶ Storage

This translates to finding:

- ▶ A repository solution(s) that allow data:
 - ▶ Deposit
 - ▶ Retention
 - ▶ Availability to the public
 - ▶ Backup and/or recovery services
 - ▶ Ability to submit associated documentation and/or data sets

Disciplinary Repositories

- ▶ Dryad
- ▶ dbGaP
- ▶ Gene Expression Omnibus
- ▶ Inter-university Consortium for Political and Social Research (ICPSR)

Your colleagues, UConn Library Research Librarians, or the [Registry of Research Data Repositories](#) can help you locate repositories in your field.

What happens if there are no appropriate subject repositories in your discipline?

UCL Research Data Archive (RDA)

If there is no subject discipline in your field, you can take advantage of UConn Library Research Data Archive.

Features:

- ▶ Allows data deposit from *any research discipline*
- ▶ Allows deposit for any file format(s)
- ▶ Provides persistent citable links to share with the public, colleagues, and funder(s)
- ▶ Makes data available to the public
- ▶ Allows for the deposit of associated documentation and/or data sets
- ▶ Allows researchers to select an appropriate retention period for long-term preservation, archiving, and storage
- ▶ Complies with national and international standards for digital preservation such as disaster recovery, backups, search, discovery, recurring appraisal cycles, and access

Things to know before you deposit to RDA

- ▶ RDA requires that those submitting data sign off on a terms of deposit and be aware of the terms of use.
 - ▶ Terms of use: General document that outlines submission policies
 - ▶ Submitted data is for non-commercial educational and research data and activities related to data.
 - ▶ All data submitted is made publicly accessible to anyone with an internet connection, without restriction or password protection.
 - ▶ Government-restricted, export-controlled, or proprietary company information (without permission) or Health Information Privacy Protection Act (HIPAA) data is *not* acceptable for deposit.
 - ▶ Data that includes any personally identifiable or other sensitive information needs to be de-identified before submission.
 - ▶ Submissions are for static data that are in its final form.

Things to know before you deposit to RDA

- ▶ RDA requires that those submitting data sign off on a terms of deposit and be aware of the terms of use.
 - ▶ Terms of deposit: Document to be signed by researcher and UConn Library
 - ▶ Submitter agrees to terms of use.
 - ▶ Submitter grants UConn Library non-exclusive right to reproduce, translate, and distribute data and associated descriptions.
 - ▶ Submitter grants UConn Library to translate data to any medium or format for the purposes of security, backup, and preservation.
 - ▶ Submitter can request at any time that data be removed.
 - ▶ Submitter remains the creator or contributing agent of data and ensures that the necessary copyright assurances have been obtained to avoid any infringements.

How to Submit Data to RDA

- ▶ Submissions are mediated.
- ▶ Contact researchdata@uconn.edu
- ▶ You will be asked questions such as:
 - ▶ Are the data in their final static form?
 - ▶ Do the data contain any personally identifiable information, sensitive information, or pertain to proprietary or copyrighted information?
 - ▶ How many data sets are to be submitted? How would you like these sets to be ingested in terms of how they appear to users?
 - ▶ What are your data sharing, re-use, and dissemination policies?
 - ▶ How would you describe your data set or each of your data sets?

Finding Help Online

The UConn Library has a page dedicated to how to archive data in the Research Data Archive.

<http://lib.uconn.edu/services/research-data/archiving/>

Here, you'll find:

- ▶ Terms of use
- ▶ Terms of deposit
- ▶ Submission FAQ
- ▶ Submission Process Guide

Finding Help In Person

At any time, you can email researchdata@uconn.edu to:

- ▶ Schedule a meeting
- ▶ Ask us to come speak to you and/or your colleagues
- ▶ Start the data deposit process
- ▶ Ask for advice on subject repositories or other data management questions such as...
 - ▶ Storage
 - ▶ Licenses
 - ▶ DMPs

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, dynamic feel. The central area is a clean white space where the text is placed.

Questions?

researchdata@uconn.edu