DataShare
Empowering Researcher Data Curation

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Goal

*Catalyze* widespread research data sharing

How

Develop a system that *lowers barriers* to data sharing and builds an *engaged* user community
Too many researchers still do not manage their data appropriately, or make it available for others to use.

**Share data?**
- Yes
- No

**How?**
- Repository
- Web site
- Other

*Source: Rizk-Jackson (2013) \ n = 114*
Too many researchers still do not manage their data appropriately, or make it available for others to use.

**Problem**

- Share data?
  - Yes: 39%
  - No: 61%

- How?
  - Repository: 54%
  - Web site: 23%
  - Other: 23%

*Source: Rizk-Jackson (2013) n = 114*

*Potential concerns*
- Commercial repositories
- Poor user experience
DataShare helps researchers to ...

- **Prepare** ... by reviewing best practice recommendations
- **Select** ... via intuitive file browsing or drag-and-drop
- **Describe** ... using the DataCite metadata schema
- **Preserve** ... by submission to the Merritt curation repository
- **Cite** ... with persistent, resolvable DOIs provided by EZID
- **Expose** ... by DataCite, DCI, and Primo registration
- **Control** ... through data use agreements (DUAs)
- **Discover** ... using faceted search and browse

- **All accessible through a simple, intuitive user interface**
Added-value layer on top of existing repository

- Metadata catalog
- Replicated storage
- EZID
- DataONE network
- DCI
- DataCite
- Primo
Added-value layer on top of existing repository
Describe your dataset

* Required field

* Dataset Title: Frontotemporal Lobar Degeneration (FTLD)

* Institution: UCSF

* Publication Year: 2013

* Data Type: Dataset

Data Creator(s): Weiner, Michael W.

Keyword(s): Adult, Human, Magnetic Resonance Imaging.

Abstract: This data set was acquired with the aim of determining the structural and chemical changes that occur in the brain as a result of frontotemporal lobar degeneration (FTLD). The data includes proton density,
Upload your datasets to DataShare

Drag & drop files here

...or you can + Add files...

Go Back and edit description

Review & Submit

Upload FAQ

- Be sure you have read the terms of the DataShare Data Use Agreement.
- Ensure that all data relating to human subjects has been properly de-identified.
- Ensure data files are the most up-to-date and complete versions.
- DataShare accepts all file formats.
- Generally speaking, the data files you upload into DataShare should fall into one of the following types: text, spreadsheet (csv, tab-delimited, Excel), video, image, software code, pdf.
- If the data files are of a specialized or proprietary nature, be sure to include any pertinent documentation.
Select a Dataset...

Contributor
- UCSF Center for Imaging of Neurodegenerative Diseases (12)
- UCSF (2)
- Ibis Reproductive Health (1)
- South African Medical Research Council HIV Prevention Research Unit (1)
- UCSF Baby Center for Global Reproductive Health (1)

Author
- Weiner, Michael W. (12)
- Schuff, Norbert (7)
- Corderas, Valerie (3)

Sorted by: relevance

Associations between vascular risk factors, carotid atherosclerosis and cortical volume and thickness in older adults
by Corderas, Valerie, Reed, Bruce, Chao, Linda, Choi, Helena, Sanossian, Nerses, DeCarli, Charles, Mack, Wendy, Kramer, Joel, Hodis, Howard, Yan, Mingzhu, Buonocore, Michael, Carmichael, Owen, Jagust, William J., Weiner, Michael W.
at UCSF Center for Imaging of Neurodegenerative Diseases, University of California, San Francisco
Show abstract

CSF Biomarker and PET-PET Derived Beta-Amyloid Signature Predicts Metabolic, Grey Matter and Cognitive Changes in Non-Demented Subjects
by Ewers, Michael, Insel, Philip, Jagust, William J., Shaw, Leslie, Trojanowski, John Q., Aisen, Paul, Petersen, Ronald C., Schuff, Norbert, Weiner, Michael W.
at UCSF Center for Imaging of Neurodegenerative Diseases, University of California, San Francisco
Show abstract

Frontotemporal Lobar Degeneration (FTLD)
by Weiner, Michael W.
at UCSF Center for Imaging of Neurodegenerative Diseases, University of California, San Francisco
Show abstract
Frontotemporal Lobar Degeneration (FTLD)

Title: Frontotemporal Lobar Degeneration (FTLD)
By: Weiner, Michael W.
At: UCSF Center for Imaging of Neurodegenerative Diseases, University of California, San Francisco

Description: This dataset was acquired with the aim of determining the structural and chemical changes that occur in the brain as a result of frontotemporal lobar degeneration (FTLD). The data includes proton density, T1 FTLD and controls.


Data Acquisition:
Type: Siemens 3T scanner
Slice thickness: Coronal MPRAGE (orthogonal to PD & T2): TR=10ms, TE=7ms, TI=300ms, 1x1mm2, 1.4mm slice thickness. Axial double spin echo PD & T2: TR=2500ms, TE=20/80ms, 1x1.25mm2, 3mm slice thickness.

Keywords: Adult | Human | Magnetic Resonance Imaging | Cognition | Neuropsychological Test | Aged | Middle Aged | Atrophy | Pathology | Pathophysiology | Brain | Dementia | Mental Disorders | Frontotemporal Dementia | Alzheimer's Disease

Identifier: doi:10.7272/q62z13fs
Datashare Data Use Agreement

As part of this agreement, Consumer submits to the following statements: 1) I will accept access to de-identified data and will not attempt to establish the identity of any of the study subjects. 2) I will share these data only with my immediate co-workers, and I will not transfer these data to other research groups. I understand that these data are available to other research groups through the process by which I obtain them. 3) I will require anyone in my group who utilizes these data, or anyone with whom I share these data to comply with this data use agreement. 4) I will accurately provide the requested information for persons who will use these data and the analyses that are planned using these data. 5) I will comply with any rules and regulations imposed by my institution and its institutional review board in requesting these data. 6) I understand that approved usage of these data does not entitle Consumer to any rights, title, or interest in the shared data. 7) I understand that Provider has the right to terminate this Agreement at any time for any reason. 8) I will ensure that investigators who utilize these data will use appropriate administrative, physical and technical safeguards to prevent use or disclosure of the data other than as provided for by this Agreement. 9) I will report any use or disclosure of the data not provided for by this Agreement of which I become aware within 15 days of becoming aware of such use or disclosure. 10) I will, upon completion of my usage of these data, submit a brief usage report describing how the data were used and citing any abstracts, talks, or publications that resulted. This will be done within one year of data usage completion, or within 6 months of acceptance of any resulting abstracts, talks, or publications. I understand that failure to abide by these guidelines will result in termination of my privileges to access any further data.

I accept all terms

* Name: Stephan Abrem

* Affiliation: California Digital Library

* Email: Stephan.Abrem@ucop.edu

* Required

Accept  Do Not Accept

NOTE: Following acceptance, a copy of these agreement terms will be emailed to the email entered above.
Next steps

Following the successful pilot of UCSF DataShare, we are working to widen its scope

- **DataShare for UC**
  - Centrally-hosted by UC3
  - Campus branding and local InCommon IdP

- **DataShare for everyone**
  - Further UI/UX enhancement
  - Alternative IdPs, e.g., OAuth, social identity, etc.
  - Alternative metadata schemas
  - Applicability to any repository supporting SWORD and OAI-PMH
  - Standardized terms of use and ODC license
  - Support for annotations, citation managers, embargoes, ...
An academic solution in support of scholarship
Lowering barriers through simple, intuitive interfaces
Enabling self-service curation by researchers
Leveraging investment in existing repository, identifier, and discovery infrastructure
Promoting wider data publication, sharing, and reuse
For more information

- DataShare
  - datashare.ucsf.edu
  - github.com/CDLUC3/datashare

- UC Curation Center
  - www.cdlib.org/uc3
  - uc3@ucop.edu

- Merritt
  - merritt.cdlib.org

- EZID
  - ezid.cdlib.org/

- UCSF Library
  - www.library.ucsf.edu

- DataCite
  - www.datacite.org