Data Management

- Data Management Guidance
- UCREX/LADR
- Data Management Tools and Resources

Data Management Guidance

Data management plans (DMPs) encourage researchers to think about how they will responsibly handle the data they collect, and are required by many funders. The National Science Foundation (NSF) requires that all grant proposals be accompanied by a data management plan. Other federal funding agencies have similar requirements or will have soon. This guidance will serve as a starting point to guide researchers through the data life cycle process with available tools either on campus or through the California Digital Library (CDL).

- Data Management General Guidance
- UCLA Data Management Plan Tools and Guidance
- CDL Examples of Data Management Plans
- NSF Data Management Plan Policy
- NSF Data Management and Sharing FAQs

Researchers who are required to submit a data management plan as part of a funding proposal may wish to consult the DMPTool. The UCLA Library Data Management for the Sciences provides a guide to best practices for management of research data, including links to data services and selected repositories sorted by broad subject areas.

Data Storage Information

- UCLA Library Data Storage, Backup, Repositories and Sharing

UCLA Guidance on the proper handling of information technology, including personal information, can be found in the UC Policies for Information Technology.

- Cedars-Sinai Medical Center: coming soon.
- LA Biomed/Harbor-UCLA Medical Center: Information Systems & Technology, Director, Mark Sleet (310) 222-6519 msleet@labiomed.org
- Charles R. Drew University of Medicine and Science: not applicable at this time.

UCLA OHRPP Guidance and Procedure: Data Security in Research

OPTUM and UC Health Data Warehouse (OLDW)

The University of California and UnitedHealth Group have formed a strategic partnership to collaborate and work strategically to improve healthcare. One aspect of the strategic relationship is the research...
collaboration with OptumLabs, a data-driven research and discovery center, with a focus on working with OptumLabs data sets, analytical tools and collaborations to advance clinical research and translation.

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**UCREX/LADR**

**UCREX**

UC ReX is an initiative of UC BRAID, a partnership between the five University of California medical campuses, all of which are members of the Clinical and Translational Science Award (CTSA) program. UC ReX is funded by the University of California Office of the President (UCOP).

The UC ReX Data Explorer is a secure online system that enables cross-institution queries of clinical aggregate data from 14+ million de-identified records derived from patient care activities at five University of California medical campuses.

UC ReX is working to **enhance the competitiveness and impact of clinical research and quality outcomes at the University of California** by enabling multi-campus projects and supporting identification of best practices within UC Health.

**LADR**

The Los Angeles Data Resource (LADR) is a joint project of major Los Angeles health care provider organizations aimed at enabling clinical investigators to explore the size of potential research study cohorts across each participating institution.

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**Data Collection Tools**

- Citation Management
- Research Software Licensing (SAS, SPSS, JMP, SUDAAN, NVivo, ArcGIS)
- UCLA Library Data Management for the Social Sciences
- Case Report Form (CRF) resource from NINDS

**Data Processing Tools**

The CTSI Data Management Unit offers the service of extracting patient data sets from the UCLA Medical Center database on a consulting basis. This service will be expanded in the near-future to include the extraction of data from the EPIC/APeX EHR. The first 20 hours of data extraction consulting services are subsidized by the Information Technology Services department and are free of charge. The data extracted can be delivered securely in a variety of ways. Populating a REDCap database is a preferred method, but we can also deliver data in Excel files and by other means. To request an data extraction, please submit a CTSI Consulting Request.

The UCLA Data Management & Curation Services provide subject-specific guidance tailored to individual researchers' data needs.
The Research Electronic Data Capture (REDCap) system offers a secure, HIPAA compliant web-based electronic data capture system that enables researchers to quickly and easily build surveys, data entry forms, and surveys with private data entry forms. The data entered into REDCap data entry forms and surveys is stored in a centralized system, which enables researchers to share data with their UCLA research teams and external collaborators in real-time. REDCap can be accessed from any computer or mobile device, including PCs, Macs, tablets, and mobile phones.

REDCap databases and surveys can be created on a self-service basis through an intuitive point-and-click REDCap form designer or on a consulting basis. To request the services of a CTSI consultant for the creation of your REDCap database and/or survey, please submit a consulting request through the CTSI. REDCap is available for use free of charge to the UCLA Research Community and its external collaborators.

For additional information, please contact the CTSI Consultation Services. To request the creation of REDCap user accounts for your research team members, please complete our request form or contact Martin Lai.

Data Management Resources

- The Institute for Digital Research and Education (idre) offers data storage, classes in statistics/data informatics, and consulting tailored to the individual needs of UCLA researchers.

- Data Management for Clinical Research Online Course. Coursera offers FREE online courses in a variety of subjects and specialties from 62 leading Universities and Colleges worldwide. UCLA is one of the teaching institutions, and new Universities are signing up every month. You do not receive a grade for the class, but if you participate and successfully complete all assignments and tests then you receive a certificate upon completion. All you have to do is go to the site, create a login, browse offered courses and sign up. When the course is about to begin you will receive an email with all the details. This course is called Data Management for Clinical Research, and it is being offered by Vanderbilt University (the creators of REDCap). Here is the link to the class details: https://www.coursera.org/course/datamanagement.

- Merritt is a new cost-effective repository service from the University of California Curation Center (UC3) that lets the UC community manage, archive, and share its valuable digital content. For more information, see merritt.cdlib.org or contact UC3.

- The University of California Curation Center (UC3) is a creative partnership bringing together the expertise and resources of the California Digital Library (CDL), the ten UC campuses, and the broader international curation community to foster collaborative analysis, projects, and solutions to ensure the long-term viability and usability of curated digital content.

OPTUM and UC Health Data Warehouse (OLDW)

Collaboration with OptumLabs to access data sets, analytical tools and collaborations to advance clinical research and translation.

Last updated: 7 Sep 2017

Last updated: 27 Apr 2016
Group 1
- Clinical Research Information Systems
- Clinical Research Business Partners

Group 2
- Office of Research Administration
- Jonsson Comprehensive Cancer Center

Group 3
- Office of Human Subjects Protection
- CareConnect Website

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Source URL: https://www.researchgo.ucla.edu/data-management