Data Management Resources

Data Design

- Data Aims/Objectives (Sage Research Methods): [http://methods.sagepub.com/](http://methods.sagepub.com/)
- Data Management Plans
  - [https://dmptool.org/](https://dmptool.org/)
  - [https://guides.ucsf.edu/datamgmt/plans](https://guides.ucsf.edu/datamgmt/plans)
  - [https://hub.ucsf.edu/dsm-examples](https://hub.ucsf.edu/dsm-examples)
- Literature Searches
  - Embase: [https://www.embase.com/#search](https://www.embase.com/#search)
- Randomization Tools: [http://accelerate.ucsf.edu/research/tools#randomized](http://accelerate.ucsf.edu/research/tools#randomized)

Data Collection

- Collection Platforms
  - REDCap: [https://myresearch.ucsf.edu/redcap](https://myresearch.ucsf.edu/redcap)
  - Qualtrics: [https://it.ucsf.edu/services/qualtrics-web-surveys](https://it.ucsf.edu/services/qualtrics-web-surveys)
- REDCap Trainings: [http://myresearch.ucsf.edu/training](http://myresearch.ucsf.edu/training)
- Registry Data
  - [https://data.ucsf.edu/data-assets/stor](https://data.ucsf.edu/data-assets/stor)
  - [https://data.ucsf.edu/lexicon](https://data.ucsf.edu/lexicon)

Data Entry

- REDCap Knowledge Bank: [https://wiki.library.ucsf.edu/display/RKB/REDCap+Knowledge+Bank+Home](https://wiki.library.ucsf.edu/display/RKB/REDCap+Knowledge+Bank+Home)
- Example Data Entry SOP: [https://globalhealth.duke.edu/standard-operating-procedures-clinical-trials-sops](https://globalhealth.duke.edu/standard-operating-procedures-clinical-trials-sops)

Data Cleaning

- Research Data Systems Support Services: [https://epibiostat.ucsf.edu/research-data-system-rds](https://epibiostat.ucsf.edu/research-data-system-rds)
- Coursera Course: Getting & Cleaning Data: [https://www.coursera.org/lecture/data-cleaning/data-resources-JQMLm](https://www.coursera.org/lecture/data-cleaning/data-resources-JQMLm)

Data Analysis

- My Research Environment: [https://myresearch.ucsf.edu/myresearch](https://myresearch.ucsf.edu/myresearch)
- UCSF Library Data Science Initiative: [https://calendars.library.ucsf.edu/event/4234883](https://calendars.library.ucsf.edu/event/4234883)
- UCSF Global Health Sciences STATA: [https://globalhealthsciences.ucsf.edu/resources/stata](https://globalhealthsciences.ucsf.edu/resources/stata)
- E-Learnings in Statistics
  - Online Statistics Education: an Interactive Multimedia Course ([www.onlinestatbook.com](http://www.onlinestatbook.com))
  - Biostatistics Lecture Series from John Hopkins ([www.ocw.jhsph.edu](http://www.ocw.jhsph.edu))
  - Essentials of Probability and Statistical Inference from John Hopkins ([www.ocw.jhsph.edu](http://www.ocw.jhsph.edu))
Introduction to Biostatistics from John Hopkins (www.ocw.jhsph.edu)

**Data Reporting**
- UCSF Library Data Science Initiative Data Visualization: https://www.library.ucsf.edu/data-science/data-visualization/
- UCSF Global Health Sciences Writing a Scientific Manuscript: https://globalhealthsciences.ucsf.edu/resources/writing-scientific-manuscript
- Dash (Data Publication & Share Service): https://datashare.ucsf.edu/stash
- UCSF Global Health Sciences Writing an Scientific Manuscript: https://globalhealthsciences.ucsf.edu/resources/writing-scientific-manuscript
- Citation List Software
  - RefWorks: https://refworks.proquest.com/
  - EndNote: https://guides.ucsf.edu/c.php?g=101034&p=654993
  - Zotero: https://www.zotero.org/

**Data Archiving**
- UCSF Research Record Retention Summary:
  - http://medschool2.ucsf.edu/clinical_research/manuals/ucsfresearchrecordretention.pdf
- UCSF Accelerate: Research Resources: Secure Data Storage
  - https://accelerate.ucsf.edu/research/informatics/securedata-storage

**General Resources**
- Data for Clinical Research: https://data.ucsf.edu/data-assets/clinical-research
- Investigator Initiated Toolkit: https://www.ucbraid.org/improving-iit
- Dataviz Tools: http://dataviz.tools/
- Coursera Course, Data Management for Clinical Research: www.coursera.org
- Records & Information Management (UCSF Library): https://calendars.library.ucsf.edu/event/4285878
- Data Storage (UCSF Box): https://it.ucsf.edu/services/ucsf-box
- Challenges of Big Data (UCSF Epi & Biostat Department):
- TICR Courses: http://ticr.ucsf.edu