

## Plan Overview

---

*A Data Management Plan created using DMPTool*

**Title:** Peer Power

**Creator:** DMP dmpcurator

**Affiliation:** University of California, Office of the President (UCOP)

**Principal Investigator:** DMP dmpcurator

**Data Manager:** DMP dmpcurator

**Funder:** National Science Foundation (nsf.gov)

**Funding opportunity number:** 8331

**Template:** NSF-CISE: Computer and Information Science and Engineering

**Last modified:** 05-30-2014

**Copyright information:**

The above plan creator(s) have agreed that others may use as much of the text of this plan as they would like in their own plans, and customize it as necessary. You do not need to credit the creator(s) as the source of the language used, but using any of the plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal

---

## Peer Power

[Information Redacted at Request of PIs]

The data will be arriving as a continuous stream and stored in its raw form as it is received from the individuals, sensors in buildings and individual devices. Given the heterogeneous sources of our data, we will keep all data in text files to maximize usability of the data over platforms and time. Periodically, the existing data store will be extracted, analyzed and archived, so that our overall data set will be incremental in structure.

Data will be acquired from a variety of resources, including individuals, sensors in building and from individual appliances and saved into the text file.

The data will be stored on a single machine with incremental backup and periodically reviewed to check for authenticity, integrity and quality. In addition, we will use regular incremental backup of the data to reduce our vulnerability to any large scale loss or corruption of the data.

Privacy & Sensitive Data Issues: We do not for see any issues in this area. Although we are recording data from individuals, there is no need to record any personal information regarding these people. We will not identify users and any sensitive data will be deleted.

The data is open for use to all so long as we receive proper attribution. We therefore plan to license the data using the Creative Commons License Below: Peer Power by Olga Lavrova is licensed under a [Creative Commons Attribution-NoDerivs 3.0 Unported License](#).

The data will be archived in perpetuity at the University of New Mexico repository. The data will be available [upon creation | upon conclusion of the grant | after some embargo period] in accordance to the rights policies outlined above.

The data archive at the University of New Mexico is still being developed, but is being built using the Open Archive Information Systems (OAIS) model as its organizing paradigm. The DSpace repository uses Qualified Dublin Core for descriptive metadata. The data archive will keep a separate metadata record in XFDU. This XFDU record will use PREMIS as the primary administrative metadata schema. Additional technical metadata schemas will be incorporated into the record in accordance to current standards in the field. The PI will be responsible for retaining the required metadata, the Data Librarians will organize and format the metadata, and work with the PI to ensure its completeness and accuracy.

Data will be archived in LoboVault, the University of New Mexico's DSpace repository. Primary responsibility for curating and preparing the data for archiving rests on the Data Librarians at the University of New Mexico Libraries.

---