
Inquiring into Engineering Faculty Assumptions about Students: A Profound Human Systems Intervention

A Data management plan created using the DMPTool

Creator(s): Lizabeth Schlemer, Linda Vanasupa

Affiliation: California Polytechnic State University-San Luis Obispo

Last modified: September 08, 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 creators as the source of the language used, but using any of their plan's text does not imply that the creator(s) endorse, or have any relationship to, your project or proposal.



Inquiring into Engineering Faculty Assumptions about Students: A Profound Human Systems Intervention

Roles and responsibilities

The primary responsibility for managing the data will belong to the PI, Lizabeth Schlemer. If the PI is not available, both Linda Vanasupa and Aaron Estrada will be able to access the data and continue to management. It is the goal to house the data in the Digital Commons at Cal Poly. The data will be uploaded at the completion of the grant and then the responsibility for the information will be transferred to the Library. Any data not deemed public will be kept on the computer belong into the PI, which is backed up periodically.

Expected data

The data for this project will include 60 interviews with Engineering Faculty and a set of survey data. The interviews will be stored with both audio files and transcribed text files. The surveys will be stored in excel spreadsheets and include survey answers and demographic information. Transcribed text will be verified to the audio files. No fewer than two copies of the data will be kept at all times and will be located in different locations. In addition, data for public access will be anonymized and stripped of identifying information. This process anonymizing will be documented.

Period of data retention

The data will be available for a 10 year period after completion of the grant.

Data formats and metadata

There will be three file types: Audio, Text and Spreadsheet. For each of these we will include an ID for the individual interviewed along with date, location, file size and level of anonymization that occurred (for public files). We will create a naming system for the files that will indicate the meta data. For files uploaded to Digital Commons we will include a complete descriptor with the file.

Data dissemination and policies for public access, sharing and publication delays

It is the goal to house the data in the Digital Commons at Cal Poly. The data will be uploaded at the completion of the grant. The individual's privacy will be insured by removing any identifiable information. The data will be publicly available through Cal Poly's Digital Commons and through our research website. The access to the data will comply with the IRB requirements. Although we will publish findings based on the data, it is hoped that the data will be a rich source of inquiry for anyone interested in educational research. We only request attribution in the use of the data.

Data storage and preservation of access

The data will be housed long term on Cal Poly' Digital Commons with all the guarantees afforded data curation on our campus. It is hoped the data will be kept for 10 years after completion of the research.