

Plan Overview

A Data Management Plan created using DMPTool

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

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

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.

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 store in excel spread sheets 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.

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

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.

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.

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.
