

Data Management Plan

1. Roles and responsibilities

The Co-Directors will share overall responsibility for verifying the implementation of this data management plan, including ensuring all data management practices follow Rensselaer's Institutional Review Board requirements. For the purposes of this plan, "project personnel" refers to: the Co-Directors, the graduate student researcher(s), undergraduate research assistants, and the Advisory Board members.

2. Expected data types

The project will collect data in the form of photo, video, observational notes of 3D printing practices and results well as participant discussion of and reflection upon those practices. Project data may include interviews with individuals and groups (audio recordings and transcripts). It is unlikely that any data gathered will be considered sensitive by participants in the project or will put them at risk in any way.

3. Data de-identification

The project includes no research subjects beyond project personnel so data will not require de-identification at any point. Project personnel may choose to include their material as attributed or unattributed at any stage of the research project.

4. Securing data

All in-process data will be maintained on Rensselaer's secure servers, which require authentication to access, and password-protected personal computers of project personnel. In-process data access will be limited to project personnel.

5. Data sharing

This project will strive toward open sharing of project data and research findings. Research findings will be disseminated via standard professional venues, including presentations, conference proceedings, and journal articles. Additionally, much of the data collected in 2 above will be made available on-line via the project website. Project participants may choose to remove attribution of their data or to remove entirely any data that identifies them at any time in advance of dissemination or after it has been included on the project website.

6. Period of data retention

Given the public dissemination of most project data, data retention timeframes will be left to the discretion of individual project participants. Data that participants wish to withhold from dissemination will be deleted not more than one year after the project's funding period ends.