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Digital Innovations for Youth Farm Safety Education and Certification Instructors - A Professional Development and Training Program

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Data Management Plan

- **Expected Data Type:**

Digital data in the form of descriptive surveys, knowledge assessments, and focus group artifacts will be collected as primary data. This data will be generated through evaluation of project activities. Data will include number of participants and activities. Perceptions, attitudes, and knowledge of digital resources and inclusivity instructional strategies will be collected.

- **Data Format:**

Survey data and field observation data files will be provided in a CSV format. No proprietary software will be required to open the data files. This is readily available and commonly used by professionals in the field of safety and education research. No transformations will be necessary; data will be ready to read from a CSV file format. Text files will be provided with coding schemes, statistical test protocol, and variable naming.

- **Data Storage and Preservation:**

Data will be deposited in ICPSR (http://www.icpsr.umich.edu/icpsrweb/landing.jsp) and in the USU's Institutional Repository, Digital Commons (digitalcommons.usu.edu). Both offer secure, long term preservation of the data and free public access to the data. Data will also be stored using USDA's Ag Data Commons.

- **Data Sharing, Protection, and Public Access:**

Results of data collection will be made available upon publication of manuscripts in peer-reviewed journals. Data will be de-identified before sharing per IRB protocol. Data will be shared for open access via a Creative Commons or Open Data Commons License Creative Commons Share Alike 4.0. Data will also be made available through USDA's Ag Data Commons.

- **Roles and Responsibilities:**

Dr. Pate, PD, will supervise and ensure DMP implementation for all institutions collaborating on the proposed project. The project coordinator will assist with implementation to ensure all elements of the DMP are met. This effort has been accounted for in the budget and justification. DMP procedures listed do not require purchase of licensing agreements. USU Libraries provides support for DMP of the PD.