Plan Overview

A Data Management Plan created using DMPonline

Title: Development of a spiritually based psychosocial education program for family caregivers

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Project abstract:
The aim of this research is the development of a spiritually based psychosocial education for family caregivers who care for people with disabilities. The well - being of family caregivers and the acquisition of coping skills are also important for both caregivers and the health of the care recipient. The program is especially important in terms of increasing the psychological and spiritual well - being of families, ensuring family unity, spiritual empowerment by recognizing spiritual resources, building social support networks and thus contributing to the level of social welfare. While developing the program, the systematic phases of the ADDIE mode l will be followed, focusing particularly on important components such as - Analysis, Design, Development, Implementation and Evaluation. The working group consists of family members over the age of 18 who care for people with disabilities in the UK, as well as many academics and experts especially working at the Centre for Spirituality, Health and Disability and the Autism and Theology Centre.

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Development of a spiritually based psychosocial education program for family caregivers

Data Collection

What data will you collect or create?

INTERVIEWS
I will collect audio recordings of interviews, and transcripts of these interviews.
Audio recordings will be stored on secure the University of Aberdeen's server, in pseudonymised form (with key stored separately on the server).
Recordings and key will be accessible to Lead Researcher only.
Estimated data volume: up to 30 interviews, each lasting one hour and totalling 200 MB. Total (recorded on personal smartphone) 6 GB

Transcripts of interviews with family caregivers (16 paid or voluntarily individuals)
A total of 16 family caregivers from 8 different disability groups (Visual, Hearing, Speech and Language, Psychological and Emotional, Mental, Chronic, Orthopedic, ADHD and other disabilities) are planned to be interviewed (8x2=16).
Transcripts will be stored on secure University of Aberdeen's server, in pseudonymised form.
Pseudonymised transcripts will be accessible to named researcher and supervisor.
Estimated data volume: 32 MB

Transcripts of interviews with academics and experts
A total of 14 academics and experts on disability, health and spirituality are planned to be interviewed.
Transcripts will be stored on secure the University of Aberdeen's server, in pseudonymised form.
Pseudonymised transcripts will be accessible to named researcher and supervisor.
Estimated data volume: 28 MB

VISITS AND OBSERVATIONS
I will carry out visits and observations to institutions and organizations (universities, churches, mosques, associations, public or private organisations) that provide care services for the disabled.
I will also take notes during the visits and observations of the activity and associated comments/conversation of leaders and participants.
Taken notes on visits and observations will be stored on secure the University of Aberdeen's server, and accessible to Lead Researcher and named supervisor.
Estimated data volume: 20 MB

Photos of Visits and Observations
Photos in digital format
Visited places will create digital photos which will be stored on secure the University of Aberdeen's server. Photos and key will be accessible to Lead Researcher and supervisor only. Estimated data volume: 100 MB.
Estimated volume: up to 20 photos

Survey
Anonymous survey data will be collected in plain text (.txt) format, as this allows for results that can be clearly read but are not associated with specific individuals. Data will be collected electronically, including answers to a series of questions designed to understand the needs and experiences of family caregivers.

How will the data be collected or created?

INTERVIEWS Audio recordings of the interviews will be collected using my personal device and transcribed using Microsoft Word using a laptop provided by the University of Aberdeen.
VISIT AND OBSERVATION NOTES
Notes taken regarding the institutions visited and observed will be uploaded to the laptop provided by the University of Aberdeen. It will then be uploaded to the University of Aberdeen's server.
PHOTOS DURING VISITS AND OBSERVATIONS
Photos taken with my personal smartphone during the visits will be uploaded to the laptop provided by the University of Aberdeen. It will then be uploaded to the University of Aberdeen's server.
SURVEY
The chosen platform is SurveyPlanet, which allows continuous access to surveys and results for as long as you choose to keep the survey on their platform. SurveyPlanet is certified as a trusted site, and all HTTP requests are made through a Secure Socket Layer (SSL) to ensure data security. Whether you are creating or participating in SurveyPlanet surveys, they guarantee that your personal information and survey data will never be sold, disclosed, or otherwise distributed.

Documentation and Metadata

What documentation and metadata will accompany the data?

Documents accompanying the data will contain information about each research activity to which the data relates (date and location of creation; title; conditions of access).

The project does not envisage the data being available to secondary users. Hence no other documentation will accompany the data.

Ethics and Legal Compliance

How will you manage any ethical issues?

Participants will be given information leaflets and consent forms as part of being recruited to the project. All will be in both standard and easy-read formats. These will include: information about how data will be obtained, stored and used; the timing for deciding to request deletion of their data; the role (and any limits) of anonymisation; information about the right to withdraw from the project at any point and how to do so; consent for the retention of (fully anonymised) data and its use in future publications and other forms of dissemination of research findings. Where participants have intellectual disabilities, the forms will also be provided to a parent or carer. The forms will be supplemented by a face-to-face meeting with the lead researcher, with parent/carer also present (with follow-up/meeting/s if needed) - all agreed with the participant - to ensure meaningful consent. All data will be stored in password-protected storage area on the University of Aberdeen's secure servers. Participants' data will be protected by pseudonymisation, with the key stored separate and password-protected files. Data will be kept in accordance with the University of Aberdeen's RECORDS RETENTION SCHEDULES, section 2.9. which states that data can be kept for up to 5 years after completion of the project, in line with JISC guidelines, and then archived.

How will you manage copyright and Intellectual Property Rights (IPR) issues?

The copyright and IPR for the data is owned by the University of Aberdeen. Re-use by third parties is not anticipated.

Storage and Backup

How will the data be stored and backed up during the research?

Data will be stored during collection on the R: shared drive. An annual data transfer will bring collated and anonymised data in to the secured shared file for interim and final analysis.
The R: drive provides the opportunity for historic data to be retrieved in the event of deletion or corruption of files.

How will you manage access and security?

Security risks to the electronic data files will only occur should the Abdn Un. account protected shared drive folder R: is accessed. The computer that data saved will be accessed by the Lead Researcher only. On the other hand due to there is no paper file in the research there is not any access and security problem for this.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

All kind of data (voice records of interviews, transcriptions and taken noted during visits and observations) are of long term value and should be retained.

What is the long-term preservation plan for the dataset?

After three years from the end of the project, the data will be archived on the University of Aberdeen's servers.

Data Sharing

How will you share the data?

Sharing of data is not anticipated.

Are any restrictions on data sharing required?

N/A

Responsibilities and Resources

Who will be responsible for data management?

Lead Researcher and supervisor only

What resources will you require to deliver your plan?

Access to the R: drive
No additional resources, hard/software or expertise are needed beyond UoA -provided laptop linked to UoA network, with access to secure storage area on the University of Aberdeen servers.

Planned Research Outputs

Data paper - "Development of a Spiritually Based Psychosocial Education Program"

This research aims to develop a model based on supporting the spiritual, psychosocial, educational, religious and physical needs of the individual.

In order to develop and evaluate a spiritual-based psychosocial education program for families caring for people with disabilities, a mixed-method approach is considered the most appropriate method. This is an approach in which both qualitative and quantitative data are collected and analysed. The conceptual stages of systematic training programs (analysing, designing, developing, implementing and evaluating) have stood the test of time for decades and have proven their usefulness. One reason for their resilience, validity and reliability is that they allow practitioners and researchers the opportunity to adapt and revise.

In this context, one of these educational system designs is the ADDIE Model, which has been successful for more than 60 years. For a program to be developed according to the ADDIE model, it is necessary to use a wide range of research methods and techniques that combine qualitative and quantitative research approaches. A program produced by following the ADDIE model can be used in any online or face-to-face environment. Furthermore, this systematic process is represented by the acronym ADDIE, which stands for "Analysis, Design, Development, Implementation, and Evaluation" (Analysis, Design, Development, Implementation, and Evaluation). Each stage in the ADDIE model is interrelated and interactive. The analysis phase is the most important phase in this process. When curriculum designers do the analysis phase before creating, developing and even implementing the plan, they really save a huge amount of workload, effort and time. Moreover, all phases of the model are in line with scientific research methods and techniques.

Planned research output details

Title	DOI	Type	Release date	Access level	Repository(ies)	File size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Development of a Spiritually Based Psychosocial Ed ...		Data paper	2024-12-31	Open	None specified	50 MB	Creative Commons Attribution Non Commercial Share Alike 4.0 International	None specified	No	No