Plan Overview

A Data Management Plan created using DMPonline

Title: Development of Research Partnership in Hypertension Assessment with Smart E-textile Wearable Technology (RPHA)

Creator: Henry Li

Project Administrator: David Blundell

Affiliation: University of Manchester

Funder: Natural Environment Research Council (NERC)

Template: NERC Template Customised By: University of Manchester

Project abstract:
This project aims to develop new international partnerships and networks between UK and Taiwan in the area Medical & health interface (environment & health) for the purpose of underpinning the development of long-term sustainable collaborations in hypertension assessment. The focus of the project will be on assessing the dynamics of hypertension development for predicting health risks and promoting health management of hypertension patients by modelling and simulating human blood circulation and thermoregulation system and its interaction with environments and developing innovative smart e-textile wearable monitoring system (SEWMS). The cross-disciplinary research team in advanced materials and wearables (Prof. Yi LI, PI) and cardiovascular sciences (Prof. Xin Wang, Co-I) in University of Manchester (UK) will develop long term partnership with the research team in biomedical engineering (Prof. Chuang-Chien Chiu, PI, Feng Chia University, Taiwan, ROC) and clinical practice (Dr. Shoou-Jeng Yeh, Associate-I, Taichung Cheng-Ching General Hospital, Taiwan, ROC).

ID: 74857

Start date: 01-11-2021

End date: 31-10-2022

Last modified: 30-03-2021

Copyright information:

Development of Research Partnership in Hypertension Assessment with Smart E-textile Wearable Technology (RPHA) - Outline DMP
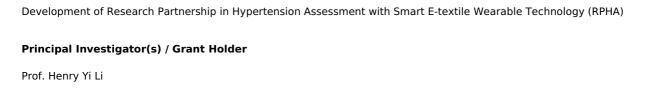
Manchester Data Management Outline

1. Will this project be reviewed by any of the following bodies (please select all that apply)?

- Funder

2. Is The University of Manchester collaborating with other institutions on this project?

- Yes - Part of a collaboration and owning or handling data

UoM team will collaborate with the PI in Feng Chia University, Taiwan.

3. What data will you use in this project (please select all that apply)?

- Acquire new data

4. Where will the data be stored and backed-up during the project lifetime?

- University of Manchester Research Data Storage Service (Isilon)

5. If you will be using Research Data Storage, how much storage will you require?

- 1 - 8 TB

6. Are you going to be working with a 3rd party data provider?

- No

7. How long do you intend to keep your data for after the end of your project (in years)?

- 0-4 years

Questions about personal information
Personal information, also known as personal data, relates to identifiable living individuals. Special category personal data is more sensitive information such as medical records, ethnic background, religious beliefs, political opinions, sexual orientation and criminal convictions or offences information. If you are not using personal data then you can skip the rest of this section.

Please note that in line with [data protection law](#) (the General Data Protection Regulation and Data Protection Act 2018), personal information should only be stored in an identifiable form for as long as is necessary for the project; it should be pseudonymised (partially de-identified) and/or anonymised (completely de—identified) as soon as practically possible. You must obtain the appropriate [ethical approval](#) in order to use identifiable personal data.

8. What type of personal information will you be processing (please select all that apply)?

- No sensitive or personal data

9. How do you plan to store, protect and ensure confidentiality of the participants' information (please select all that apply)?

- Not applicable

10. If you are storing personal information (including contact details) will you need to keep it beyond the end of the project?

- Not applicable

11. Will the participants' information (personal and/or sensitive) be shared with or accessed by anyone outside of the University of Manchester?

- Not applicable

12. If you will be sharing personal information outside of the University of Manchester will the individual or organisation you are sharing with be outside the EEA?

- Not applicable

13. Are you planning to use the personal information for future purposes such as research?

- No

14. Who will act as the data custodian for this study, and so be responsible for the information involved?

Prof. Henry Yi Li

15. Please provide the date on which this plan was last reviewed (dd/mm/yyyy).

2021-03-30

Outline DMP

Project Title

Development of Research Partnership in Hypertension Assessment with Smart E-textile Wearable Technology (RPHA)

Principal Investigator(s) / Grant Holder

Prof. Henry Yi Li

Will the grant produce data?

- Yes

Nominated Data Centre(s)

- Other e.g. Archaeology Data Service

Scientific data from modeling and simulation and e-textile wearable development testing.

Briefly list the datasets that the project will produce. If the total is likely to be larger than 1TB please indicate.

Scientific data from modeling and simulation and e-textile wearable development testing.

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