

Data Management Plan

1. Expected Data

The proposed CAREER research will primarily collect and then analyze existing data from three different sources: 1) archival documents stored in various institutions such as the World Health Organization, the Centers for Disease Control, and many others; 2) approximately 60 oral interviews collected from Zanzibaris and experts in malaria control; 3) direct observations of malaria control and elimination efforts in Zanzibar. Oral interviews will be collected in line with guidelines from the Oral History Association's "Principles and Best Practices" (<http://www.oralhistory.org/about/principles-and-practices>). All archival materials in their original forms and repositories are publicly accessible and contain no sensitive data or intellectual property. The oral interviews will be audio recorded or gathered through email correspondence in accordance with IRB requirements.

2. Data Format

Data from archives will be stored both as electronic images (digital photographs or scans in PDF format) and as typed notes in Microsoft Word .doc files or Scrivener (a research management software which stores proprietary .scriv files). Data from libraries and published sources will be saved, in the case of published primary sources, as PDF documents, and in the case of books or manuscripts, as typed notes that I produce myself in Microsoft Word or Scrivener. Audio recorded interviews will be saved in MPEG-4 High Profile (.mp4) file format, as outlined in the University of Oregon's "Best Practices" for data management (<https://library.uoregon.edu/research-data-management/best-practices>).

3. Access to Data and Data Sharing Practices **Data Sharing and Access Managed by the PI**

Internal data sharing. Data shared with my students, research assistant, or coauthors is considered to be shared internally. Selected data files (images of document pages, photos, select interview transcripts) will be posted on the PI's research group's Canvas page, which is available only to undergraduates currently enrolled in the Global Health Research Group. RAs and coauthors will have access to all files relevant for the project they are working on.

External data sharing. Data requests outside of my working group will be shared according to the following policy. The primary method of data sharing and access will be by providing bibliographical references. Bibliographic references will be posted on my official website so users can find the sources themselves.

- **Images of archival records, personal field notes.** These images will be made available upon request to other researchers. Requests will be directed to me in writing, and must include an explanation for the use. Requests made for commercial purposes, or for purposes that raise privacy or confidentiality concerns, will be rejected. If it is unclear whether a request should be rejected, I

will make consult with the University of Oregon's Institutional Review Board. I may also temporarily restrict access to documents that I use in my analysis until after the article or book using the document as been published.

- **Interview audio or transcript files, interview notes.** I consider all documents pertaining to subjects I interview to be confidential. I will not make those files available for sharing.

Data and Metadata Standards

In line with common oral history practices and the University of Oregon's Scholars' Bank (see below), the project will apply the Dublin Core standard to metadata in consultation with the University of Oregon library. This will be primarily for the oral data because other data will be notes the PI writes from archival documents or published materials consulted, rather than original data.

Protection of Privacy

Privacy and confidentiality of the collected oral histories will be maintained following the best practices of the Oral History Association (see above). This project has already received University of Oregon IRB approval (#06052017.007) and has also received research clearance in Zanzibar from the Chief Minister's Office. Other data collected from archives and libraries is publicly available and not subject to privacy or confidentiality concerns.

4. Archiving of Data

I will store my data on my password-protected hard drive and my University of Oregon secure network server space. Data will also be archived in line with guidance from the University of Oregon Libraries "stewardship and Archiving of Research Data," and in accordance to the IRB protocol. It will be archived and preserved in the University of Oregon's Scholars' Bank, a repository for the intellectual work of faculty that is maintained by the university library. Data in this Scholars' Bank is preserved according to the "digital preservation standards enacted by the Libraries for all digital collections" (<https://library.uoregon.edu/research-data-management/best-practices>). Scholars' Bank will ensure that services such as format conversion or data migration will be performed if/when necessary.

5. Roles and responsibilities

I will be responsible for collection, storage, and sharing of all the data discussed in this document.