

LE IUNIVESITE AOA O SAMOA  
NATIONAL UNIVERSITY OF SAMOA

University Research & Ethics Committee

*work-in-progress*

**Final Report Template**

**1**

*Progress*

Approved 20 November 2014

**I. RESEARCH PROPOSAL DETAILS**

TITLE OF PROJECT: Child health care and feeding of children: Knowledge, attitude and practice, and the hierarchy of resort

PRINCIPAL RESEARCHER<sup>1</sup>: Penelope Schoeffel

FACULTY/CENTRE: Centre for Samoan Studies, Faculty of Applied Science

ASSOCIATE RESEARCHER (S)<sup>2</sup>: Madda Henry Magbity (postgraduate student in CSS)

RESEARCH SUPPORT STAFF<sup>3</sup>: Seiuli Vaifou Temese (CSS), Alovale Sa'u (FOAS), Mohammed Sahib (CSS), Safua Akeli (CSS)

FACULTY (IES)/CENTRE (S): Centre for Samoan Studies, Faculty of Applied Science

DURATION OF PROJECT<sup>4</sup>: 5 months (August 2015-February 2016)

DATE OF SUBMISSION: 26 February 2016

**II. RESEARCH AIMS AND OBJECTIVES<sup>5</sup>**

**What are the aims and objectives of the research?**

The research question: How do Samoan caregivers (mothers and grandmothers if applicable) understand optimal feeding practices for infants and young children, in comparison with the recommended norm?

<sup>1</sup> State the individual whom will assume reporting and financial responsibilities under the approved project.  
<sup>2</sup> State the individual(s) whom are part of the research team, as approved by UREC; all individuals must either be members of the University staff of student body.  
<sup>3</sup> If any, give number required, names and qualifications, if known; if not known at this time, the names and qualifications must be included on Progress or Final Reports.  
<sup>4</sup> As approved by UREC in the research proposal; state in months.  
<sup>5</sup> As approved by UREC in the research proposal.

In order to answer this question, firstly the research will define the problem as demonstrated by the existing data on malnutrition (under nutrition) in children five years of age and under in Samoa. Secondly it will answer the question by collecting and analyzing the knowledge, attitudes and practices of mothers and grandmothers on infant and child feeding.

Tackling the double burden of malnutrition will need to support understanding of culture and revisiting the traditional role of women and the impact of social and economic changes on women's roles.

The aim of this research is to explore the barriers and facilitators for implementing infant and young child feeding practices in the cultural setting of Samoa way of life. The results of this research can support Samoa in the direction forward towards ensuring appropriate infant and child feeding practices are taking place.

**Objectives:**

- Gather the evidence available regarding optimal infant and young child feeding practices to minimise morbidity and mortality. However it is not reported how well these practices are translated in the Samoan daily life.
- Analyse existing data with regards to undernutrition and/or malnutrition in Samoa.
- Deepen the understanding of the current practices in relation to infant and young child feeding and review cultural practices through KAP survey in selected villages and health centres in Samoa.

### III. SUMMARY OF RESEARCH

#### a. Outline all research activities completed to date.

- List all research activities completed and to be completed.
- A literature review of relevant health statistics in Samoa (2000-2014) revealed optimal feeding practices for infants and young children in Samoa. The Samoa Demographic Health Survey and other available health statistic helped to define the scope of the problem;
- A Knowledge, Attitude and Practice (KAP) survey was designed to provide information on the knowledge, attitudes, and practices to investigate child feeding, using established methodology originally developed to study family planning;
- Analysis of health records of children admitted to hospitals with malnutrition
- KAP survey: the study sites selected covered the four different regions in Samoa with a total of eight villages in Samoa: 2 selected peri-urban villages and 6 rural villages: Upolu (4) and Savaii (2)

Table 1: Total villages (n=8) part of the research

Upolu (U)	Savaii (S)
U1 = Lufilufi	S1 = PuaPua
U2 = Lauli	S2 = Salailua
U3 = Vaimoso	
U4 = Faleasiu	
U5 = Saunupu	
U6 = Poutasi	
Total U= n = 6	Total S= n = 2
<b>Total U+ S = n=8</b>	

- For each of the villages, the district facility was visited and a survey of public health nurses experiences / responses in child nutrition cases in district health centre.
- Face to face interviews were conducted in Samoan guided by the KAP survey in November and December 2015. The details of the data collection activity are presented below in table 3.
- Table 2: Data collection activity logbook

Dates	Activities
9-11-2015	13 Interviews with mothers/caregivers at Lufilufi Village
10-11-2015	3 Interviews with healthcare staff at Lufilufi Health Centre – Anoama’a District
11-11-2015	12 Interviews with caretakers at Faleasi’u Village – A’ana District
12-11-2015	3 Interviews with healthcare staff at Leulumoega District Healthcentre
16-11-2015	10 Interviews with caretakers at Vaimoso Village – Faleata District
18-11-2015	15 Interviews with caretakers at Lauli’i Village
19-11-2015	3 Interviews with healthcare staff at TTM - Vaimauga District
23-11-2015	12 Interviews with caretakers at Sa’anapu village
25-11-2015	3 Interviews with healthcare staff at Poutasi Hospital – Falealili District
26-11-2015	20 Interviews with caretakers at Poutasi village – Falealili District
26-11-2015	2 Interviews with healthcare staff at Poutasi Hospital – Falealili District

30-11-2015	10 Interviews with caretakers at PuaPua village – Fa’asalelega District
1-12-2015	3 Interviews with healthcare staff at MT2 Hospital – Satupaitea District
2-12-2015	10 Interviews with caretakers at Salailua village – Palauli Sisifo District
3-12-2015	3 Interviews with healthcare staff at Foailalo Hospital – Palauli Sisifo District
Total	102 interviews with caretakers and 20 interviews with health care staff

- Data entry was completed in excel in December 2015, directly after the collection of data. In total 102 respondents of the caretakers KAP survey were collected and 20 respondents of the health care providers KAP survey
- Data analysis and results reporting is now being finalized

**b. Did your research progress as planned? Why or why not?**

▪ How did you manage the research going forward?

- The research went as planned and with the support of the research team (well defined tasks of the team members) and coordination under the supervision of the main researcher, the research went as planned.
- Instrumental part of the research was the connection with the women committee and the facilitation by the NUS that was prepared in advance.

**c. What activities have been undertaken to share, present and/or publish the research?**

- Provide any evidence of presentation and/or publication.
- See draft thesis attached

**d. List all equipment purchased with UREC funds during the project<sup>6</sup>**

- Include cost of equipment and supplier.
- Indicate where and how the equipment will be stored.
- Indicate how ongoing costs (e.g. license renewal costs, batteries etc.) associated with the equipment's use will be covered.
- Indicate how the equipment will be used after the project is completed.

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<sup>6</sup> Any equipment purchased with UREC funds and worth SAT\$500 must be declared to UREC Finance personnel and listed on the NUS asset register.

**IV. SUMMARY OF APPROVED BUDGET<sup>7</sup>**

Travel:

Subsistence & Accommodation:

Equipment & Consumable:

Research support staff:

Miscellaneous:

**TOTAL**


**V. SUMMARY OF ALL INSTALMENTS RECEIVED<sup>8</sup>**

Instalment 1 amount:

Date instalment received:

Instalment 2 amount:

Date instalment received:

Instalment 3 amount:

Date instalment received:

**Total:**


<sup>7</sup> As was approved by UREC.

<sup>8</sup> Instalments received during the reporting period and as was approved by UREC.

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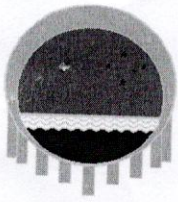
University Research & Ethics Committee

### VI. ACQUITTAL REPORT<sup>9</sup>

Provide an account of research expenses incurred during the reporting period. See example below.

Instalment amount		xxxx.xx	Date instalment received: xx/xx/xxxx
Total		xxxx.xx	
<u>Date</u>	<u>Payee</u>	<u>Amount</u>	<u>Details of expense</u>
xx/xx/xxxx		xxx.xx	<div style="background-color: #cccccc; padding: 10px;"> <p>Endorsed by UREC Finance personnel: (Finance to sign upon receipt of all receipts and copy of final report)</p> </div>
xx/xx/xxxx		xxx.xx	
xx/xx/xxxx		xxx.xx	
Total expenses		xxxx.xx	
Balance	xxxx.xx	Any un-expensed funds must be receipted back to Finance with the associated receipt included in future progress and/or final report	

<sup>9</sup> All original receipts must be given to UREC Finance personnel with only copies of receipts to be provided along with progress and/or final reports.



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## VII. CERTIFICATION BY PRINCIPAL RESEARCHER

I certify that all the details contained in this progress report are true and that all research partners and co-investigators agree that this report is an accurate representation of the project's progress so far.

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**Terms and Conditions for all Researchers to follow**  
**As approved on 5<sup>th</sup> October 2001, Amended 2005**

1. The project shall be carried out within a period of 12 months and at such time a detailed report of its implementation and outcome shall be provided to the Committee.
2. The Committee may at any time require a progress report from the researcher.
3. A copy of the completed research must be deposited with the Institute upon completion of the research.
4. The Researcher shall be accountable to the Committee for the funds given by providing receipts or other evidence of expenses and a log book of activities for the duration of the research.
5. The Researcher shall not publish the whole or any part of the outcome of the research without the written approval of the Committee being obtained.
6. The Researcher agrees to be bound by universal ethics and good practices of research and a code of research ethics that may be adopted by the National University of Samoa and amended from time to time.
7. The Researcher declares that the funding granted by the University is the only funding which he/she will receive to fund what is being sought and approved for this research.
8. The Researcher declares that the funds will be used for the purposes stipulated and detailed in the research budget unless an alternative use is approved by the Committee or the Director of the Centre for Samoan Studies.
9. Acceptance by the researcher of the offer comprises acceptance of all the conditions expressed and implied by this offer.
10. No monies shall be disbursed before acceptance of the offer by the researcher has been effected and a plan for the disbursement of funds is lodged with the Director of the Centre for Samoan Studies and the Finance Registrar.
11. In the event of the researcher breaching any of the terms and conditions of the funding hereby provided the Committee may take whatever action is necessary against the researcher including demanding that the researcher repays to the University all or part of any funds disbursed for the project.