

Visual Research Methods Symposium - Thurs, 30 July 2015

Time:

Topic:

Presenters:

10:00 - 10:15 WELCOME & INTRODUCTION

10:15 - 10:30

Ethics approval, research tools & data management

Dr. Pauline Joseph, Dept. of Information Studies, MCCA

This research aimed to provide a visual illustration about 'information' in the records and archives management (RAM) discipline. Ideas and research techniques used in the iSquare Research program conducted in the library discipline were borrowed to replicate the study in the allied RAM discipline. Using the 'draw-and-write' visual research methods technique, 255 students and professionals in the RAM discipline were asked to draw their response to the question 'What is information?' and to write a few words about their drawing. The dataset was analysed using Engelhardt's classification framework for graphic representations.

This presentation will provide details about the: ethics approval for collecting the data; research tools used; and how the research data was managed.

10:30 - 10:45

Using NVIVO to code your images, photos, drawings, etc.

Dr. Amma Buckley, Humanities Research & Graduate Studies

This demo of NVivo will use the RAM iSquare data set to demonstrate the use of NVivo to code and analyse data from the Draw-and-Write technique used. The session will demonstrate import of .jpeg files and then the addition of text. It will code the data using both an established framework and more inductive coding. Finally it will use the search functions of the software to illustrate its power of NVivo with this methodology

10:45 - 11:00

Visual art and photography as methods

**Jenny Shaw, PhD Candidate, Humanities Research & Graduate Studies
Associate Professor Laura Stocker, Sustainability Policy Institute**

PhotoVoice is a visual research method used to increase climate change knowledge. Innovative methods are required to address some of the barriers to climate change knowledge and uptake, particularly in coastal fishing communities where there appears to be resistance to the uptake of climate change science. This paper explores the use of "Photovoice", a social science methodology that uses visual images taken by participants, to help rock lobster fishers of the Abrolhos Islands deepen their understanding of environmental and social change. The fishers' photos were incorporated into a large community exhibition to illustrate the changes observed and explain the cascade of environmental change through to social decline.

11:00 - 11:15 Break & Networking 1

11:15 - 11:30

Digital approach to multi-modal analysis of images

**Associate Professor Kay O'Hallaran, Dr. Sabine Tan & Dr. Peter Wignall
Curtin Institute for Computation & Sch. of Education**

We demonstrate a multimodal approach to image analysis using Multimodal Image Video software which has facilities to develop a theoretical framework (e.g. gaze, perspective, framing, visual participants and visual processes) and to make annotations on the text according to choices which have been made. The analysis is stored in a database for further data processing and visualization. The multimodal approach is demonstrated through analysis of the Ebola webpage from the World Health Organization from a pilot project which aims to explore how the Ebola virus is linked to the concept of African culture.

Multimodal Analysis Image: <http://multimodal-analysis.com/products/multimodal-analysis-image/software/>

| Time: | Topic: | Presenters: |
|---|---|---|
| 11:30 - 11:45 | Drawings as mental images of self and career: Using visual narratives to engage students in identity development | John Curtin Distinguished Professor Dawn Bennett, Humanities Research & Graduate Studies |
| <p>This presentation will share research that has employed visual narratives for research on student identity and career awareness. The presentation describes interventions in which higher education students have been challenged to visualise their perceptions of future work and career. Using text-based narratives and participant drawings, the presentation will highlight students' thinking and examine the extent to which the combination of narrative and visual data might enhance understanding. In particular the presentation seeks to highlight the benefits of integrating non-textual representations of self.</p> | | |
| 11:45 - 12:00 | The needs of refugee and asylum-seeking children in Thailand | Paradee Thoresen, MPhil Candidate, Occupational Therapy & Social Work |
| <p>This research aimed to explore the needs of urban refugee and asylum-seeking children as well as barriers and facilitators of support and service provision for them and their families in Thailand. Drawing and writing techniques have been included in social research increasingly. This research focused on the children's voices and their perspectives on their needs and wellbeing. It employed qualitative research methods of drawing, participant observation, and semi-structured interviews to gather stories, lived experiences and views of the children. Data collection was conducted in Bangkok (capital city) and Mae Sot (a border town between Thailand and Myanmar) in 2014. Refugee and asylum-seeking children aged 12-17, their parents or guardians, and key informants such as service providers and a policy advocate were interviewed. Qualitative analysis software Nvivo was used to assist in data analysis. Findings suggested that the children in both sites had complex psychosocial needs but they had barriers in accessing public services. The needs which the children identified differed from the adults' perspectives.</p> <p>Key words: children's perspectives, needs, wellbeing, lived experience, drawing, Thailand</p> | | |
| 12:00 - 12:15 Break & Networking 2 | | |
| 12:15 - 12:30 | Giving Children a voice: Children's perceptions of pain and pain management within the paediatric Emergency Department | Nicky Pope, MPhil Candidate, School of Nursing, Midwifery & Paramedical |
| <p>Background: Despite growing knowledge and interest in paediatric pain, it is widely reported that management of children's pain continues to be suboptimal across healthcare settings, and particularly so within emergency departments (ED). Several studies have explored parents' or healthcare professionals' perspectives. However, few have been designed to understand the experience and management of pain from the children themselves.</p> <p>Objective: Set in the paediatric ED, this study aims to explore children's perceptions of their pain experiences and the effectiveness of pain management provided.</p> <p>Method: The study will be conducted in the ED of a paediatric tertiary hospital in WA. Children aged between 4 and 8 years who present with acute pain will be recruited. The draw and write technique will be adopted and semi-structured interviews will be conducted. These techniques support the examination of children's perceptions and emotions in a non-intimidating and inclusive manner. A combination of the child drawing, writing words, and sharing verbal stories will support rigour. Data will be managed using NVivo software and analysed following Braun and Clarke's thematic analysis. The study aims to recruit 20 children, however, sample size will be guided by data saturation. Twelve children have been recruited to date. Ethics approval has been granted at Curtin University and the participating hospital.</p> <p>Significance: Exploring children's perceptions of their pain experience will provide valuable insight into their needs and expectations. A better understanding of these needs may initiate improved pain management strategies and impact child health care outcomes.</p> | | |
| 12:30 - 1:00 | Q&A with Presenters | |
| 1:00 - 1:30 CLOSING & NETWORKING... | | |