ARC CENTRE OF EXCELLENCE FOR
THE DYNAMICS OF LANGUAGE

2018 Student Mobility Final Report

Student   Philip Thierfelder
                     UM Node
                     Supervisors – Gillian Wigglesworth

Placement location University of Queensland

Placement dates   4 March 2018 - 10 March 2018

Thesis   Semantic and Phonological Activation Among Hong Kong Deaf Readers

Benefit to Thesis
During this trip, I received training in eye-tracking using an SMI eye-tracker and also introductory training in EEG experimentation and analysis using the EGI system.

After completing this training, I was able to conduct a pilot eye-tracking study at the University of Melbourne. The results from this study are being written into a paper called "The effect of word predictability on phonological activation in reading Chinese: A study of eye-fixations and pupillary response"

Receiving this training and gaining experience through the pilot study gave me the strong background I needed to collect my data in Hong Kong during my field research trip. I have successfully completed all data collection needed to complete my dissertation.

Benefit to CoEDL
My study is looking at the acquisition of literacy among signing deaf readers, a topic which is still not fully understood and receives limited attention in the literature. So far, one paper has been produced which involved a collaboration between researchers at Melbourne University and University of Queensland. The remaining EEG and eye-tracking studies that are currently undergoing analysis will contribute further to our understanding of literacy acquisition among users of sign languages.

Media generated
Not applicable

Collaboration generated
I worked with UoQ's Gautier Durantin in producing a paper reporting the results of my pilot study (being prepared for submission).

Final expenditure
$901.00 plus flight costs