**DCAL Research Skills Summer School 2019: The language of deaf people**

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| **Day** | **Monday 8th July 2019** | **Tuesday 9th July 2019** | **Wednesday 10th July 2019** | **Thursday 11th July 2019** |
| **Morning session**  **9:30am-11:00am**  **Morning tea**  **11:30am-1:00pm** | **Welcome and introduction to research skills and open research**  **Mairéad MacSweeney, Robert Adam, Gabrielle Hodge and Elizabeth Worster**  **Introductory session**  This session will include introductions and presentations from participants about their backgrounds and interests. This is an opportunity for participants and presenters to get to know each other. | **Linguistic analysis of filmed sign language data with ELAN: Featuring the BSL Corpus and BSL SignBank**  **Kearsy Cormier, Gabrielle Hodge, Katherine Rowley,**  This session will cover corpus and documentary approaches to sign language research starting from the coding/annotation stage, based largely on DCAL’s experience building the BSL Corpus and BSL SignBank and using these for research. It will include the use of ELAN and a lexical database for lexical annotation and use of ELAN for translation and linguistic coding/analysis | **Neuroscience and neuroimaging**  **Evelyne Mercure, Heather Payne, Eva Gutierrez-Sigut and Velia Cardin**  This session will cover practical issues related to the acquisition and interpretation of neuroimaging data from deaf and bimodal bilingual participants. We will cover several techniques such as fMRI, ERPs, fNIRS and fTCD. We will discuss challenges of studying adults, children and infant populations. The session will include hands-on use of fTCD to measure brain lateralisation for language processing. | **Atypical signers:**  **(9:30am-11:30am)**  **Bencie Woll**  The session will review the research techniques and the clinical approaches to studying atypical sign language use. Developmental disorders will be covered (including developmental language disorders, deaf people on the autistic spectrum, and signers with Down Syndrome, Williams Syndrome and Landau-Kleffner Syndrome). Acquired language impairments will also be covered including signers with dementia and sign aphasia following stroke, with a focus on assessing the nature of the impairment and the development of interventions  **Morning tea**  **(11:30am-12:00pm)**  **Student presentations**  **(12:00pm-1:00pm)**  **Robert Adam and tutors** |
| **Lunch**  **1:00-2.00pm** |  |  |  |  |
| **Afternoon session**  **2:00pm-3:30pm**  **Afternoon tea**  **4:00pm-5.00pm** | **Effective fieldwork with sign languages: video, annotation software and working with deaf communities**  **Kearsy Cormier, Gabrielle Hodge, and Robert Adam.**  This session will cover practical issues in collecting and analysing sign language data using video and a basic introduction to various annotation software. We will then provide an overview of sign language documentation and description from a linguistic perspective. Both majority sign languages in urban settings and also less well documented sign languages will be covered. | **Reading and literacy in Deaf children – approaches in research methodology**  **Katherine Rowley and Mairéad MacSweeney**  In this session, we will cover the practical issues to be considered when studying literacy in deaf adults and deaf children. A range of paradigms that can be used to examine reading and reading related skills in deaf children and adults will be presented. A review of the current understanding regarding predictors of reading attainment in deaf children will also be provided. | **Language assessment in deaf children**  **Bencie Woll and Katherine Rowley**  This session will describe the practical issues involved in developing appropriate assessment tools and using them to track language skills in deaf children. Issues linked to assessments and their development will also be discussed. As a necessary grounding for this we will discuss the trajectories of sign language development in native and non-native signers, and of spoken language development in deaf children. | **Psycholinguistic approaches to studying signed and spoken language processing (2:00pm-4:00pm)**  **Eva Gutierrez-Sigut**  This session will review psycholinguistic research methods, data collection and analysis techniques. In particular the session will focus on research designs that allow the identification of similarities and differences between how signed and spoken languages are processed.  **Student presentations**  **(4:00pm-5:00pm)**  **Robert Adam and tutors** |
| **Evening** | **Welcome reception (5:15pm)**  **DCAL Library,**  **49 Gordon Square,**  **London WC1H 0PD** | **Walking tour of London sights by night** | **Farewell event (5:15pm)**  **Marquis of Cornwallis**  **31 Marchmont Street**  **London WC1N 1AP** |  |

The official languages of the event are British Sign Language and English.