

My Health Record: harmonised data quality assessment across the data lifecycle

The My Health Record (MHR) data repository stores patient summaries uploaded from information systems of participating health services across Australia. Linked with patient-level information from various datasets, it provides a clinician- and patient-centric view of longitudinal health data. The MHR data custodian aims to support researchers and public health services with fit-for-purpose data. The MHR system requires a comprehensive DQ assessment framework that includes intrinsic, technical and contextual categories to adequately address challenges inherent in the creation and curation of data repositories derived from multiple sources. Balancing privacy and security with the FAIR Guiding Principles requires a culture of reciprocity, transparency and interoperability as well as good documentation at point of care, good data management, good data governance and good reporting. This presentation describes how the framework was developed.

About Professor Teng Liaw

Professor Liaw is a Clinician-Scientist whose research focuses on Informatics, Connected Health and Patient-Centred Care. He established the UNSW electronic Practice Based Research Network (ePBRN) to conduct research on the use of observational data from EHRs for clinical and informatics research, evaluation, audit and quality improvement activities. He has received research funding from NHMRC, ARC, research foundations and governments. He has published 200+ peer-reviewed papers on digital health; general practice, connected health, quality, data analytics; universal health coverage, vulnerable populations; social enterprise and sustainable development in cross-cultural contexts. He heads the UNSW WHO Collaborating Centre on eHealth; chairs the RACGP National Research & Evaluation Ethics Committee; and is Associate Editor of *Int J Med Informatics* and *BMJ Health & Care Informatics*. He is elected Fellow of the International Academy for Health Sciences Informatics, American College of Medical Informatics, and Australasian College of Health Informatics.

The School of Public Health
and Community Medicine

Getting to know the SPHCM Professors Seminar Invitation

Wednesday 12th February
12:00 - 1:00 pm
Room 305 Samuels Building



Light refreshment is provided

Venue: Room 305, Level 3, Samuels Building, UNSW Upper Campus, Randwick

Enquiries: Ravit Danieli-Vlandis ravit@unsw.edu.au

Parking: Available on L5 of the parking station; enter via Gate 11 Botany St, Randwick

Map: www.facilities.unsw.edu.au/getting-uni/campus-maps



UNSW
SYDNEY