Notice of the Final Oral Examination
for the Degree of Master of Science

of

QUAN WEI

MBA (University of Victoria, 2010)
BSc (Soochow University, 2008)

“Registered Nurse Practice and Information Flow in Long-term Care Nursing Homes”

School of Health Information Science

Wednesday, April 20, 2016
10:00AM
Human and Social Development Building
Room A202

Supervisory Committee:
Dr. Karen Courtney, School of Health Information Science, University of Victoria (Supervisor)
Dr. Omid Shabestari, School of Health Information Science, UVic (Member)

External Examiner:
Dr. Noreen Frisch, School of Nursing, UVic

Chair of Oral Examination:
Dr. Jan Wood, Department of Theatre, UVic

Dr. David Capson, Dean, Faculty of Graduate Studies
Abstract

Little is known regarding registered nurse (RN) information management practice in long-term care (LTC) settings. This study identifies LTC RNs’ information management practice and needs, which are important for designing and implementing health information technology (HIT) in LTC settings.

Methods: This descriptive qualitative study combines direct observations and semi-structured interviews, conducted at Alberta’s LTC facilities between May 2014 and August 2015. The constant comparative method of joint coding was used for data analysis.

Results: Nine RNs from six nursing homes participated in the study. Based on the RNs’ existing information management system requirements, a graphic information flow model was constructed.

Conclusion: This baseline study identified key components of LTC RNs’ information management system. The information flow model may assist HIT developers with future design and development of HIT solutions for LTCs, serve as a communication tool between RNs and developers to refine requirements and support further LTC HIT research.