TRENDS Seminar
(Topics in Research and Education for Nursing Development in Singapore)

Date: Thursday, 27th February 2014

Venue: Level 2, ALCNS Conference Room
        Block MD 11, Clinical Research Centre
        National University of Singapore

Time: 4.00pm – 5.00pm

Topic: Testing Psychometric Properties of the 30-Item General Health Questionnaire

Abstract: This study aimed to evaluate the psychometric properties of the General Health Questionnaire (GHQ-30) given conflicting findings in the literature. A cross-sectional, nonexperimental research was used with a convenience sample of 271 American female health care professionals. Data were collected by using self-reported questionnaires. A series of exploratory factor analyses (EFAs), confirmatory factor analyses (CFAs), and structural equation modeling (SEM) were performed to examine underlying dimensions of the GHQ-30. Results from EFAs and CFAs revealed the three-factor composition (positive affect, anxiety, and depressed mood).

All factor loadings were statistically significant, and one pair of error variance was allowed to be correlated. All factors contained questionnaire items with acceptable face validity and demonstrated good internal consistency reliability. Results from SEM further confirmed underlying constructs of the scale. To my knowledge, this is the first study that extensively tested the psychometric properties of the GHQ-30, taking both statistical and substantive issues into consideration.

Speaker: Dr. Piyanee Yobas currently serves as an Assistant Professor at Alice Lee Centre for Nursing Studies, National University of Singapore. She received her Bachelor degree from Mahidol University, Thailand and received Master and PhD degree from Frances Payne Bolton School of Nursing, Case Western Reserve University, USA. Dr. Yobas is specialized in Psychiatric Mental Nursing.

Dr Yobas's research interest are stress and stress management interventions for people with mental disorders, psychosocial interventions, and symptom management interventions.

You are invited!