Workshops Tuesday, June 28th, 2016

1. Nursing Informatics Competencies: Psychometric Validation, Dissemination, and Maintenance of Self-Assessment Tool for Nurse Leaders

1.1. Dr Andrew B. Phillips; Dr Po-Yin Yen; Mary Kennedy; Dr Sarah Collins

Abstract: Due to rapid advances in technology, HIT competencies for nursing leaders require frequent attention and updating from experts in the field to ensure relevance to nursing leaders' work. This workshop will target nursing informatics researchers and leaders to: 1) learn methods and findings from a study validating a Self-Assessment Scale for Nursing Informatics Competencies for Nurse Leaders, 2) generate awareness of the Self-Assessment scale, 3) discuss strategies for maintenance of competencies overtime and 4) identify strategies to engage nursing leaders in this pursuit.

Keywords: Informatics competencies, self-evaluation tool, psychometric testing, factor analysis

2. Gamified Design for Health

2.1. Dr Guido Giunti

Abstract: Increasing lifespans for chronic disease sufferers means a population of young patients who require lifestyle intervention from an early age. For multiple sclerosis (MS) patients, social problems begin with the decline of cognitive skills and their quality of life is affected.

In this workshop, organizers will propose participants to work on different gamification design approaches to solve MS patients’ engagement problem. Participants will obtain skills that can be extrapolated to other conditions that require patients change to adopt a different behavior.

At the end, participants will present their proposed gamification design and discuss and comment each solution, assessing potential unintended outcomes and advantages.

Keywords: Gamification, multiple sclerosis, mobile, physical activity
3. Update: NI Scope and Standards of Practice, Competencies, and Certification

3.1. Dr Carol J. Bickford; Dr Nadia Sultana; Dr Luann Whittenburg

Abstract: The new 2015 ANA Nursing Informatics: Scope and Standards of Practice, Second Edition, includes a slightly revised definition of nursing informatics, totally revised scope of practice statement, and updated standards and accompanying competencies. The competencies are now leveled for informatics nurses and informatics nurse specialists. This professional resource informs practice, education, research, administration, and the certification process. The presenters will provide details about the development of the latest NI scope and standards of practice and the contemporary ANCC certification process to stimulate group discussion and promote development of a personal action plan to integrate such content into nursing and informatics practice. The target audience includes all registered nurses, informatics nurses, informatics nurse specialists, faculty, and administrators.

Keywords. Nursing informatics, scope and standards of practice, certification


4.1. Dr Karen Courtney; Dr Judith T. Matthews; Marcy Antonio

Abstract: This workshop will explore the challenges in translating existing health interventions to new e-health delivery mechanisms. Challenges to be covered include: identifying and retaining the active ingredients of an intervention; and measurement and validation of newly translated interventions. This session will appeal to health researchers and e-health developers. Participants will have an opportunity to work on cases in small groups to foster in-depth discussion and sharing. Following this session, participants will be able to articulate critical issues to be addressed in translating interventions to a new delivery mechanism and share potential solutions to various translation challenges.

Keywords. e-Health; telemedicine; community-based interventions; psychometric testing; theory testing; research methods
5. How to Prepare a Nursing Informatics Conference Submission

5.1. Dr Kaija Saranto, Dr Elizabeth M. Borycki, Dr Indra Neil Sarkar

Abstract: This workshop aims to demystify the process of submitting papers to Nursing Informatics and MEDINFO Congresses for international authors. During the workshop, the authors of this proposal will focus on the characteristics of NI and MEDINFO congresses, principles of scientific writing, requirements of submission formats, and criteria used for assessing submissions. The workshop will be of special interest to those who are planning on submitting a paper, poster, or workshop to future Nursing Informatics and MEDINFO conferences. As part of this the workshop, authors and participants will discuss and share their experiences in submitting papers to NI and MEDINFO conferences and the workshop authors will provide suggestions on how to improve the papers.

Keywords: Scientific writing, publication, health and nursing informatics

6. Towards Implementing a Global Competency-Based Nursing and Clinical Informatics Curriculum: Applying the TIGER Initiative

6.1. Dr Ursula Hübner, Dr Marion Ball, Dr Heimar de Fátima Marin, Dr Polun Chang, Dr Marisa Wilson, Christel Anderson

Abstract: This workshop will review the history of the TIGER initiative in order to set the framework for an understanding of international informatics competencies. We will include a description of clinical nursing informatics programs in 37 countries as well as the results of a recent survey of nursing competencies in order to further discussions of internationally agreed-upon competency definitions. These two surveys will provide the basis for developing a consensus regarding the integration of core competencies into informatics curriculum developments. Expected outcomes include building consensus on core competencies and developing plans toward implementing intra- and inter-professional informatics competencies across disciplines globally.

Keywords: Education, Nurses, Clinicians, Competencies, Informatics, Innovation
7. Documentation and reporting of nutrition – interoperability, standards, practice and procedures

7.1. Jannie M. de Grijs; Elisabeth Østensen; Dr Ann Kristin Rotegård; Caroline Farsjø

Abstract. Interoperability, fragmentation, standardization and data integrity are key challenges in efforts to improve documentation, streamline reporting and ensure quality of care. This workshop aims at demonstrating and discussing health politics and solutions aimed to improve nutritional status in elderly.

Keywords. Nutrition, evidence based nursing procedures, standardization, Electronic Health Records