1. Nursing and eHealth: Are we preparing our future nurses as automatons or informaticians?

1.1. Michelle Honey, Paula M Procter, Marisa L. Wilson, Anne Moen, Grace T M Dal Sasso

Abstract. The Education Working Group of IMIA NI presents this thought provoking panel where the changing and challenging role of nursing will be explored within the information intensive eHealth arena. The session will be of interest to any nurse as the discussion will be driven by the objective of trying to understand how best to prepare nurses to be actively engaged in information and communication technology (ICT) developments that enhance care assessment, delivery, evaluation and audit. As a balance, the discussion will consider the increasing emergence of ‘nursing by numbers’ where risk assessment tools are used in an automatic way leaving little room for individual evidenced based care.

Keywords. Education, competencies, risk assessment, care, ICT

2. Patient Engagement: Opportunities and Challenges for Nursing and Health Care Professionals

2.1. Dr. Mervat Abdelhak; Dr Marion Ball; Bonnie Cassidy; Dr. Bjoern Sellemann

Abstract: Patient (citizen) engagement argued as a critical initiative for the transformation of health care and improving health outcomes. Health care is experiencing patients that have expectations for value, transparency, choice, and engagement. However, meaningfully engaging patients in their own health care has often proven to be difficult. This panel will present commentary, research and educational initiatives, representing multiple and global perspectives on patient engagement. Global efforts in education to prepare the needed workforce will also be addressed. The audience will have an opportunity to share multiple perspectives and experiences within the panel framework.

Keywords: Patient (citizen) engagement, e-health, mobile health, technology and data enablers, research results, competencies, roles for nursing and health care professionals
3. Advancing nursing informatics in the next 5-10 years: What are the next steps?

3.1. Pr Connie White Delaney; Joyce Sensmeier; Pr Heimar de Fátima Marin; Pr Hyeoun-Ae Park; Dr Patti Abbott

Abstract: Objective: This panel will explore expert perspectives on what is needed to advance nursing informatics (NI) based on results of an international survey conducted by the IMIA-NISIG Student Group in 2015. This panel will build on results of the survey’s thematic analysis findings, highlighting: research, practice, education, collaboration, and visibility, as key areas needing action. Scope: Each expert panelist will speak to one of the identified themes in the context of the survey results. Each panelist will then provide perspectives on additional areas of opportunities, potential challenges, and offer actionable recommendations. Target audience: nursing informatics leaders, educators, policymakers, researchers, clinicians, students.

Keywords: Nursing informatics trends, research, practice, education, leadership

4. Health Information Technologies for Geriatrics: The Big Picture

4.1. Dave deBronkart; Yu-Chuan Li; Luis Fernandez Luque; Dr. Shabbir Syed-Abdul;

Abstract: Nearly five decades ago in 1970, Simone de Beauvoir’s “The Coming of Age” painted a broad-strokes picture of urgent issues affecting the welfare of elders in many cultures. Using her agenda and others, this panel will attempt to sketch what specific technological advances and applications offer to older citizens, clients and patients – over these 50 years and into the future. Rapid aging societies warrants the need to transform health systems to be focused on preventions and patient engagement rather than the curative care.

Keywords: Geriatric nursing, eHealth, Simone de Beauvoir, “The Coming of Age,” mHealth, mobile apps for health, active aging, assisted living
5. Nursing Informatics Education: Latino America & Caribe

5.1. Carol Hullin; Erika Caballero Muñoz; Tatiana Astengo; Alejandra Escobar

Abstract: The objective of this panel is to share the current status of Nursing Informatics education at the national (Chile) and regional level. All the panelists are involved in different educational programs by face to face, online and small workshops. The scope is to anyone who is interested in the education in nursing informatics in Spanish, since the entire panelists participate in the design & development of educational programs from certificate, diploma, bachelor, master and PhD curriculums.

Keywords: Nursing Informatics Education, Nursing Informatics, Students, Curriculum

6. Integrating a proposed population health model with Nursing Informatics research

6.1. Dawn Dowding; Adriana Arcia; Ragnhildur Ingibjargardottir Bjarnadottir, Sarah Iribarren, Sunmoo Yoon.

Abstract: In this panel we discuss how nursing informatics can provide a framework for carrying out population health nursing research, using a conceptual model for nursing and population health; the Conceptual Model of Nursing and Population Health (CMNPH). The panel will provide an overview of the CMNPH and then each presenter will present findings from ongoing informatics research that provides insights to different levels of the CMNPH model. The panel is targeted towards informatics researchers who wish to use novel informatics approaches to carry out population health research.

Keywords: Population Health, Nursing Informatics, Text Mining, Data Visualization, Health Disparities
7. Social Media as catalyzer for Connected Health, hype or hope? Perspectives from IMIA Working Groups

7.1. Dr Luis Fernandez-Luque; Dr Vivian Vilmarlund; Dr Elizabeth Borycki; Dr Stefan Schulz; Dr Craig Kuziemsky; Dr Michael Marschollek; Dr Casimir A. Kulikowski

Abstract: The Internet and social media are becoming ubiquitous technologies that are transforming the health sector. Social media has become an avenue for accessing, creating and sharing health information among patients and healthcare professionals. Furthermore, social media has become a key feature in many eHealth solutions, including wearable technologies, Big Data solutions, eLearning systems, Serious Games, Medical imaging, etc. These hyper-connected technologies are facilitating a paradigm shift towards more connected health. In this panel, representatives of different IMIA Working Groups will explore how both hope and hype contribute to social media’s catalyzing role in creating connected health solutions.

Keywords: m-Health; Mobile Health; Social Media; Public Health Informatics; Consumer Health Informatics; Connected Health, Patient Safety.