

Forecasting Informatics Competencies for Nurses in the Future of Connected Health

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Abstract

This presentation will be in a workshop format with a panel of presenters representing four countries. All speakers are authors and will address various aspects from the content of the book published as a result of the NI 2016 Post Conference in Switzerland, Forecasting Informatics Competencies for Nurses in the Future of Connected Health [1], before inviting the audience to discuss and share their views. The discussion will be focused on defining the informatics competencies for nurses in practice and the requirements for informatics training in nursing programs around the world.

Keywords:

Informatics competencies; nursing competencies; nursing practice; nursing education

Panel Purpose

Nursing informatics has a long history of focusing on information management and nurses have a long history of describing their computer use. However, based on the technical advances and through the ongoing and consistent changes in healthcare today, we are now challenged to look to the future and help determine what nurses and patients/consumers will need going forward. The speakers on this panel will review the proceedings of the Post Conference to the 13th International Conference on Nursing Informatics, held in Geneva, Switzerland, in June 2016. The theme of the Post Conference was to forecast informatics competencies for nurses in the future. The proceedings are a result of the collaboration among nursing informatics experts from research, education and practice settings, from 18 countries, and from varying levels of expertise. The recommendations will help forecast and define the informatics competencies for nurses in practice, and as such, they will also help outline the requirements for informatics training in nursing programs around the world. The content will aid in shaping the nursing practice that will exist in our future of connected health, when practice and technology will be inextricably intertwined.

The goal of the NI 2016 post conference was to assist nurse teachers with knowledge and examples so that they can expand their capability to integrate health informatics / eHealth / nursing informatics topics into the curricula of basic nursing education. After almost 25 years it is still problematic how few schools of nursing offer education on how the values of patient focused care can be mixed with careful application of health informatics tools and good professional information management. It is the panel members' intent to be

provocative and engage the audience in a discussion about the role informatics should play in nursing education – including not just *why* it has been latent and rarely included in nursing programs, but also *how* to change that for the future.

Panel Members

Judy Murphy

Judy Murphy, RN, FACMI, FHIMSS, FAAN is CNO for IBM Global Healthcare, where she is strategic advisor to clients. Previously, she was CNO and Deputy National Coordinator for Programs and Policy at ONC, where she led efforts for health IT adoption by patients and providers. She was also VP-EHR Applications at Wisconsin's Aurora Health Care, where she spent 25 years evolving their clinical systems. She publishes and lectures nationally and internationally, has served on the AMIA and HIMSS Board of Directors, and is a Fellow in the American Academy of Nursing and the American College of Medical Informatics. HIMSS named her one of the 2018 Most Influential Women in Health IT.

Michelle Honey

Dr Michelle Honey has been a nursing informatics leader in New Zealand since the early 1990s. She is currently co-chair of the IMIA-NI Education Working Group and represents New Zealand on the Technology Informatics Guiding Education Reform (TIGER) International Committee.

Susan Newbold

Susan K. Newbold, PhD, RN-BC, FAAN, FHIMSS is a Healthcare Informatics Consultant, Franklin, TN. She has experience in the vendor, consulting, academic and hospital world. Dr. Newbold is Board Certified in Nursing Informatics and initiated the first review course in nursing informatics in 1995 which she taught over 100 times. In 2001 she won the Sigma Theta Tau International Honor Society of Nursing International Technology Award for Knowledge Advancement for this course. Dr. Newbold now directs the Nursing Informatics Boot Camp. She is the HIMSS 2015 Chapter Leader of the Year awarded in 2016.

Patrick Weber

Patrick Weber, RN, MA is CEO and shareholder of Nice Computing specialized in quality control for medical coding and DRG in Switzerland. Vice President for administration and finance at IMIA-NI International Medical Informatics

Association Nursing Informatics. Vice President IMIA for MedInfo 2019. Former President of EFMI and President of the Organizing Committee for the international conference NI2016 in Geneva, Switzerland.

Ying (Helen) Wu

Ying (Helen) Wu, RN, PhD, FESC, FAAN. Ying Wu is a Professor and Dean at School of Nursing and Clinical Nursing College of Capital Medical University in China. Additionally, she serves as the Vice President of the International Medical Informatics Association and China Medical Informatics Association (CMIA). She re-created CMIA Nursing Informatics Committee in 2012 and serves as the Chair of CMIA-NI. She is also serving as a Board member on the Board of Director of International Council of Nurses, and Vice President of Chinese Nursing Association.

References

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