International Medical Informatics Association:
Nursing Informatics Special Interest Group

Inside

Executive Committee (2021-2024)

Chair Ann-Kristin Rotegaard

Vice-Chair (Membership) Joy Lee

Vice-Chair (Admin & Finance) Margie Kennedy

Vice-Chair (Communication) Michelle Honey

Vice-Chair (Working Groups) Nick Hardiker

IMIA NI named as Working Group of the Year 2020

At the IMIA General Assembly virtual meeting on November 21, 2021 the 2020 WG of the Year Award was presented to two groups jointly: The Nursing Informatics Special Interest Group (IMIA NI) and the Student and Emerging Professionals Special Interest Group (IMIA SEP SIG).

This is the third time IMIA NI has received this award, the previous years were 2013 and 2017.

To receive this award again demonstrates the continued commitment within the nursing informatics community worldwide and the excellent work of the **previous Executive Committee, led by Professor Diane Skiba.**

The Executive Committee 2017-2020 were Diane Skiba (USA, Chair); Patrick Weber (Switzerland, Vice-Chair Finance & Administration), Kaija Saranto (Finland, Vice-Chair: Working Groups Ann Kristin Rotegard, (Norway, Vice-Chair: Communications) and Sayonara Barbosa (Brazil, Vice-Chair: Membership).

WHAT IS IMIA-NI?

IMIA-NI is the world body for health and biomedical informatics. The focus of IMIA-NI is to foster collaboration among nurses and others who are interested in Nursing Informatics to facilitate development in the field. We aim to share knowledge, experience and ideas with nurses and healthcare providers worldwide about the practice of Nursing Informatics and the benefits of enhanced information management.

RESEARCH – please consider completing or sharing this

One of the main tasks of IMIA NI is to foster collaboration among nurses who are interested in Nursing Informatics to facilitate development in the field. Therefore, we welcome the informatics student Abiola Ayilara studying at Sheffield Hallam University in the UK whose research is centered on **'The awareness of nurses on genomics as a tool in precision medicine in the management of patient care'** to access our community with this study. Ethical approval has been obtained.
Here is the link to more information about the study and to the **short questionnaire which we ask you to consider completing and to share among your networks**:
https://shusls.eu.qualtrics.com/jfe/form/SV_d6m4yoB6lrfUqLY

in IMIA Nursing Informatics Special Interest Group, https://www.linkedin.com/groups/6716836/

Nursing informatics news from Belgium from Walter Sermeus

In the international nursing informatics community, Belgium has been known for its unique Belgian Nursing Minimum Dataset (BeNMDS). The dataset dates from 1985 and is still mandatory in all Belgian acute hospitals since 1988. Since 1994, the information derived from this dataset was used to adjust the financing of hospitals according to differences in nursing intensity. In 2008, the dataset was revised (BeNMDS 2.0) with more items (N=78) and was based on the Nursing Intervention Classification (NIC). The dataset became fully integrated in the hospital discharge dataset. Out of the BeNMDS, Nursing Related Groups (NRGs) were derived that were used for the financing of hospitals. In 2019 a new refined NRG model is developed. The report can be found in Dutch and French on the website of the Belgian Federal Ministry of Health [1].

In 2008 the EU-funded RN4CAST project (led by KU Leuven, Belgium and U. Pennsylvania, USA) was launched to describe nurse staffing, qualification and working environment in hospitals. The study was involving 12 European countries and three non-EU countries. The results are extensively reported in the literature. The study ended in 2011, but the data collection continued in Portugal, Cyprus, Italy and recently Slovenia. In some countries, the study was repeated to measure trends. Also in Belgium, the study was replicated in 2019, led by the Belgian Health Care Knowledge Centre. In 2019 more than 5200 nurses from 82% of the acute Belgian hospitals participated in the study. Comparing 2019 with the original study results in 2009 shows a small improvement in patient-to-nurse ratios (from 1:10.8 to 1:9), 8 percent point increase in the number of bachelor trained nurses (55% to 63%) and a slight improvement in the work environment of nurses (mainly in leadership support and nurse-physician relationships). But overall, we see also more missed care, higher burn-out and more job dissatisfaction. The full report (in English) can be found on the KCE Website[2]. In 2021, two new studies were commissioned to KCE to investigate nurse staffing levels on intensive care units [3] and nursing homes [4]. Both studies are still ongoing.

In 2020, the EU-funded Magnet4Europe project (led by KU Leuven Belgium and University of Pennsylvania), started involving 67 hospitals in six European countries (including 14 Belgian hospitals). The project aims to implement a Magnet-based intervention to improve hospital nurses' and physicians' mental health. More information can be found on the Magnet4Europe website [5].

[1] https://www.health.belgium.be/sites/default/files/uploads/fields/fpshealth_theme_file/nl_handleiding_nrgnew-update.pdf
[2] https://kce.fgov.be/en/safe-nurse-staffing-levels-in-acute-hospitals
[3] https://kce.fgov.be/en/study-2021-03-hsr-nurse-staffing-levels-on-intensive-care-units
[4] https://kce.fgov.be/en/study-2019-04-hsr-nursing-homes-a-survey-to-inform-staffing-policy
[5] https://www.magnet4europe.eu

⭐ Evelyn Hovenga, Honorary Member from Australia, was recognised in November as the inaugural 2021 Brilliant Women in Digital Health award recipient. Congratulations Evelyn!

Upcoming Events and News

- New Zealand's 2022 informatics conference **"Digital Health Connect"** event from 22 to 24 March includes eHealth Nursing & Midwifery Workshop on 22 March.
- **American Nursing Informatics Association (ANIA) 2022 Conference:** 27 -29 April.
- Medical Informatics Europe/European Federation for Medical Informatics (EFMI) is holding the **32nd Medical Informatics Europe Conference (MIE2022)** in Nice, France, May 27th-30th.
- **MedInfo 2023** is being held in Sydney, Australia 7-12 July.

Please let us know if you have any news or events to share