



International Medical Informatics Association: Nursing Informatics

WEB PAGE: www.imia-medinfo.org/wp/sig-ni-nursing-informatics/

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Executive Committee (2021-2024)

- Chair Ann-Kristin Rotegård
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Vice-Chair (Admin & Finance) Margie Kennedy
Vice-Chair (Communication) Michelle Honey
Vice-Chair (Advisory Panels) Nick Hardiker

IMIA NI Education Advisory Panel Update by Max Topaz

The IMIA NI Education Advisory Panel (co-chairs Drs. O'Connor and Topaz) is tasked with advancing the field of nursing informatics through environmental scanning, knowledge sharing, and best practice development. This Panel collaborates to provide quarterly insights, advice, and recommendations to the IMIA NI Board, supporting their advocacy efforts across the nursing profession. Open to all with interest in nursing informatics, the Panel encourages active engagement to drive forward significant and impactful advancements.

Recent Contributions and Findings

Recent publications by the co-chairs Topaz and Siobhán O'Connor illustrate the panel's commitment to integrating artificial intelligence into nursing education, emphasizing these emerging technologies' potential and challenges.

1. **Prompt Engineering in Nursing Education** In "Prompt Engineering when Using Generative AI in Nursing Education," O'Connor et al. discuss the necessity of integrating prompt engineering into the curriculum. This skill enables nurse educators and students to effectively use AI tools, enhancing educational outcomes and adapting to rapid technological advancements. The article argues for the strategic incorporation of AI, aiming to empower students with essential competencies in the AI-driven landscape (O'Connor, S., Peltonen, L. M., Topaz, M., Chen, L. A., Michalowski, M., Ronquillo, C., Stiglic, G., Chu, C. H., Hui, V., & Denis-Lalonde, D. (2024). *Nurse Education in Practice*, 74, 103825. <https://doi.org/10.1016/j.nepr.2023.103825>. Published online November 1, 2023).
2. **Generative AI in Nursing Education** The second article, "The ChatGPT Effect: Nursing Education and Generative Artificial Intelligence," by Topaz et al., explores the dual potential of generative AI to both support and complicate educational processes. The authors highlight how AI can aid in creating realistic patient scenarios and personalized learning experiences while also addressing the risks of misinformation and academic integrity (Topaz, M., Peltonen, L. M., Michalowski, M., Stiglic, G., Ronquillo, C., Pruinelli, L., Song, J., O'Connor, S., Miyagawa, S., & Fukahori, H. (2024). *Journal of Nursing Education*, 63(X), 1-4. <https://doi.org/10.3928/01484834-20240126-01>. Published online February 5, 2024).

Join Us in Shaping the Future

We invite all interested individuals to join our panel and contribute to shaping the future of nursing informatics. Your participation and insight can help us navigate the complexities of digital innovation in nursing education. If you would like to express an interest in joining this, or one of the other Advisory Panels, please [fill out this online form](#).

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.

IMIA Nursing Informatics
<https://www.linkedin.com/groups/6716836/>

**Please share this
newsletter with your
networks and national
nursing informatics
organizations.**

IMIA NI – meeting its goals

IMIA-NI, in its [Strategic plan 2021- 2024](#) has the goal to “Engage and connect people at country level”. As part of meeting this goal IMIA NI Chair Ann-Kristin Rotegård took the opportunity to accept an invitation to attend the SmartXcare 2024 conference that was held in Köln, Germany. Ann Kristin was asked to talk about nursing informatics, and that included the work of IMIA NI. This kind of event has the potential to raise the profile of IMIA NI and strengthen nurses engagement in informatics.

If you need support to further nursing informatics in your country remember the IMIA NI Executive Committee, and the IMIA NI community may be able to assist.

MIE Conference 2025 in Glasgow



The Medical Informatics Europe (**MIE**) Conference is to be held in the Technology & Innovation Centre of the University of Strathclyde in Glasgow, Scotland, from 19-21 May 2025. The conference theme is “Intelligent health systems – From technology to data and knowledge”. While the deadline for submitting full papers, short communications, and posters was 21 October 2024, there is still time to propose a panel or workshop as these submissions close on 23 January 2025.

WHO supports use of AI

The World Health Organization (WHO) supports the use of artificial intelligence (AI) in healthcare to improve global health while ensuring safety, ethics, and equity. The [WHO website](#) states that WHO envisions a future where AI serves as a powerful force for innovation, equity, and ethical integrity in healthcare, with an overall goal to help Member States take AI to the people to enable enhanced, sustainable, and smarter health care. WHO’s [Ethics and governance of artificial intelligence for health](#) report suggests that AI can be used to improve the speed and accuracy of diagnosis and screening for diseases; assist with clinical care; strengthen health



research and drug development; and support diverse public health interventions, including outbreak response and health systems management.

Upcoming Events

- New Zealand’s eHealth Nursing and Midwifery Informatics Workshop, with the theme “*Amplifying the nursing and midwifery voice in digital health*” will be on December 3rd, 2024, in Hamilton, as part of Health Informatics New Zealand (HiNZ) **Digital Health Week**.
- Medical Informatics Europe conference, **MIE 2025** is being held in Glasgow, Scotland, 19-21 May 2025.
- **MedInfo’25** will be held in Taipei, Taiwan 9-13 August 2025. Submissions are due 4 December 2024. If you sign up for updates you can enter a draw to join MedInfo'25 for free.
- NI2028 – advance notice that NI2028, with the theme “Pushing boundaries: Digital in a nursing world” will be held in Las Vegas, USA 2 to 5 November 2028.

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