



IMIA NI – SIG01 2020 Report

presented Virtually/Online for:

- **IMIA Board Meeting, November 22, 2020,**
- **IMIA General Assembly Meeting, December 6, 2020**

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Patrick Weber, Vice-Chair Finance & Administration (January 2017-December 2020)
Switzerland Society Representative

Kaija Saranto, Vice-Chair: Working Groups (January 2017-December 2020)
Finland Society Representative

Ann Kristin Rotegard, Vice-Chair: Communications (January 2017-December 2020)
Norway Society Representative; **Chair Elect for December 2020,**

Sayonara Barbosa, Vice-Chair: Membership(January 2017-December 2020)
Brazilian Society Representative

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For the 2020 report please provide details on the following:
(Due to the COVID -19 pandemic, IMIA acknowledges that many functions were cancelled, delayed and disrupted from January 2020 to the end of June 2020)

1. Brief Background- current mandate, historical background, etc.

The Nursing Informatics Special Interest Group has a long rich history beginning with its first general assembly meeting in 1983. Over the decades, Nursing Informatics Special Interest group is becoming the world NI 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.

Here are the strategic goals for the NI SIG are trying to achieve over the upcoming years. These goals are aligned with IMIA's Strategic Goals. In addition, each society representative reports how their organization is addressing these strategic goals.

Objective: To champion the recognition and growth of the nursing informatics and health informatics profession with professional and governmental organizations.

Objective: To promote the cross-fertilization of health informatics knowledge and skills across academic, professional, and geographical boundaries, while serving as the catalyst for ubiquitous worldwide health information infrastructures for patient care and health research.

Objective: To strengthen opportunities for participation in the Association by all members, across all membership categories.

Objective: Bring academics, researchers and leaders together to exchange knowledge and evidence to prepare the next generation of nursing and health informatics researchers and professionals.

2. Achievements - Events and projects conducted and publications completed

NI 2020: One of the major events during the 2020 timeframe has been the NI2020 conference to be hosted by Australia. Due to the COvid-19 pandemic, this meeting was postponed and is now scheduled to be offered in a hybrid format in the summer of 2021. Numerous society representatives, honorary members and working group members are included in the Organizing, Scientific Programming and Editorial Committees.

IMIA NI SIG and EFMI's Support Our Nurses Campaign toward COVID-19 The nursing informatics community from the International Medical Informatics Association's Nursing Informatics Special Interest Group (IMIA NI SIG) and the European Federation of Medical Informatics Nursing Informatics (EFMI NI) have collaborated to offer resources to support nurses. Our goal is to provide different kinds of material such as videos, articles, powerpoints, tip sheets etc. about how to use digital tools in clinical practice and education. Our resources may help nurses to better understand how nursing informatics will facilitate clinical practice, nursing education and research. We have called upon our international nursing informatics community to share their resources with you. These materials are open access and available for you to use and share with nursing organizations.

National Nursing and Midwifery Digital Health Capability Framework: In the past year, several members of IMIA NI participated in providing responses to the work of the Australian Digital Health Agency. In particular, Paula Proctor, Co-Chair of the Education NI SIG Working group served as a consultant. *National Nursing and Midwifery Digital Health Capability Framework* outlines the core digital health skills and knowledge required for professional practice in the digital era covering patient care, leadership, advocacy, education and research.

In 2020, society members and our working groups have a long list of publications. It is important to note that many of the society representatives have worked collaboratively to publish in various textbooks this year. Numerous chapters were submitted to the following textbooks: 1) Hussey, P. & Kennedy, M.A. (Eds.) (2020) Introduction to Nursing Informatics 5th edition, London: Springer. 2) V. Saba & K. McCormick (Eds) (in press). Essentials of Nursing Informatics (7th ed). McGraw-Hill. 3) Cummings, E., Bichel-Findley, J., Procter, P., Huber, U., Honey, M. and Day, K. (2020) Nursing Informatics Education: A Global

Perspective. Springer Publishing and 4) Nursing Informatics: An Interprofessional and Global Perspective (Eds: Ursula H. Hübner, Gabriela Mustata Wilson, Toria Shaw Morawski and Marion J. Ball). Springer Publishing.

In addition, here is a sampling of other publications by society representatives:

- ONMSD (2020). National Digital Roadmap for Nursing and Midwifery. Office of the Nursing and Midwifery Services Director, HSE Ireland
- SW Tu, CI Nyulas, T Tudorache, MA Musen...NR Hardiker - Toward a Harmonized WHO Family of International Classifications Content Model. Studies in health technology and informatics, 2020
- E Østensen, NR Hardiker, LK Bragstad, R Hellesø - Introducing Standardized Care Plans as a New Recording Tool in Municipal Healthcare. Journal of Clinical Nursing, 2020
- Horizon Europe, the new Framework Programme of the EU in 2020-2030, and Johanna Ulfvarson, was a co-author of the report "Fast Track Project on Ageing and care technologies. How can new care technologies support equality and wellbeing of older people?"
- Diane Skiba and Michelle Honey are guest editing a Special issue of the journal *Informatics* titled "Nursing informatics: Consumer-centered digital health" for the international NI Community in 2021.

3. Describe WG/SIG Participation - Engagement and participation in IMIA and health informatics events and activities in the past year

NISIG has contributed to a joint publication by various IMIA working groups. This publication effort was led by Luis Fernandez-Luque and will culminate in a publication entitled: *Evidence-based health informatics as the foundation for the COVID-19 response: a joint call for action to transform hopes and hypes into realities.*

The majority of NI SIG society representatives are also members of other working groups within IMIA. Examples of working groups include: Telehealth, Education, Participatory Health & Social Media, Health Informatics for Patient Safety. In addition, at the 2019 IMIA General Assembly Meeting, the NI SIG's Student and Emerging Professionals SIG was elevated to an IMIA WG. This student group was originally initiated in 2014 as part of the IMIA NI SIG.

Here is a sampling of other informatics events where members were participants in 2020:

Philippines Society Representative worked with Board of Nursing to recognize Nursing Informatics is a specialty organization in the Philippines.

Denmark Society Representative, who is also the EFMI NI Chair, ensured Nursing Informatics was part of the political agenda in the region and on a national level. The national strategy for: "One Safe and Coherent Health Network for All - Digital Health Strategy 2018-2022" was launched in 2018 and in 2020 a NATIONAL white paper about patient safety and telehealth was published.

New Zealand Society Representative noted their representation on The New Zealand Ministry of Health Telehealth Leadership Group (TLG). TLG have published guidelines for Telehealth alongside position statements on Telehealth from the Nurse Executives of New Zealand and the NZ Nurses Organisation.

Slovenia Society Representative is involved in two Slovenian national e-health projects directly related to nurses' work (eTriage) and Reference clinics (i.e. clinics where nurses follow the patients with chronic diseases).

Finland Society Representative participated as an expert group member of the Finnish Care Classification System. The FinCC 4.0: User Guide (in English) was published in 2020 (<http://urn.fi/URN:NBN:fi-fe2020081354696>)

Norwegian Society Representative is actively engaged with the NorHIT – Norwegian Society for Health Informatics, an interdisciplinary health informatics community in Norway that is the member of IMA and EFMI, and thus is the connector for collaboration, information across professions.

Canada Society Representative worked with the Canadian Association Schools of Nursing to advance inclusion of nursing data standards in clinical practice education.

Swedish Society Representative, along with other colleagues, are members of many European and international groups such as ACENDIO, IMIA-NI, AMIA. Further, there are Swedish involvement in Nursing Special Interest Groups in SNOMED International, and EFMI.

Swiss, Germany & Austrian Society Representatives are part of a working group that maintains an intensive exchange with other nursing informatics groups in the DACH (D=Germany, A= Austria, CH= Switzerland) region. The working group maintains a close exchange with, for example, the German Speaking ICNP User Group (www.icnp.info), the German Nursing Council (<https://deutscher-pflegerat.de/>), the Federal Association of Nursing Management (<https://www.bv-pflegemanagement.de>), the German Society for Nursing Science (<https://dg-pflegewissenschaft.de/english/>) and other nursing organizations at the local level.

United States Society Representative has collaborated with the Alliance for Nursing Informatics, reviewed AMIA Public Policy Priorities - Principles & Positions 2020, participated in AMIA's Health Informatics Policy Forum, and monitored/shared the Washington Download, Health Informatics Policy News and Information.

Taiwan Society Representative is collaborating with the Taiwan Association for Medical Informatics to launch the Smart Medicine and Healthcare in Taiwan magazine, which is aimed at promoting the current importance of informatics in medical management. Her organization, TNIA organized the Taiwan Smart Healthcare Competition, during which awards were given to 21 hospitals nationwide and participants shared the outcomes of their hospitals' implementation of smart nursing. She also shared the Taiwan's technology-based epidemic prevention measures and experiences on the IMIA-NI website to serve as a reference for other countries.

4. **Provide details of the WG/SIG's Outreach - Recruitment and engagement of new members and target communities, publicity, and representation at major events and/or on social media.**

In 2020, NI SIG had the following society representatives retire as their terms of office expired: Liz Cummings-Australia; Martin Adelhofer-Austria; Paula Kavanagh-Ireland; Shaluni Tissera-Sri Lanka. In our General Assembly we recognized their contributions. The following new members started their new terms of office as NI SIG society representation: Sri Lanka: Sudath Warnakulasuriya; Ireland: Loretto Grogan; Austria: Werner Hackl; Australia: Helen Almond. The Chair met via video conference with each new representative to welcome and review the purpose and structure of the IMIA NI SIG. They also received a welcome packet with: Bylaws, Strategic Goals, Society Report template and a database form.

In 2020, we also worked with IMIA CEO to connect with other IMIA society representatives to nominate nursing representative to NI SIG. These new members included: Israel: Angela Irony and United Arab Emirates: Hana Ibrahim Abu Sharib. The

IMIA society member for Spain also nominated a nurse for NI SIG but we have been unable to connect with this person. We are continuing to work with contacts to include other society representatives from other countries.

We also developed a simplified database form for all members (society representatives, affiliate members, honorary members and working group chairs). The purpose is to collect yearly data to foster communication. In our communication, we explained that primarily use of the information is for communication. We collect information on their employment so if we are asked for an expert in a particular field, NI SIG can make recommendations. NI SIG does not share the database. The executive committee has a copy of the spreadsheet with the above information for their use while they are serving in their role as a Chair or Vice Chair. If an organization approaches NI SIG to distribute information about an upcoming conference, grant or professional events, we will determine if it fits with our mission and then we will distribute. Members are assured that their personal data is not given to anyone without their permission. Members have the right to not provide any additional information beyond your name, society/country that they represent and an email for distribution of NI SIG information. Members have the right to remove their data upon completion of their term as a society representative.

NI SIG also maintains a LinkedIn Group and it has grown over the last year. There are now 104 Members. There is a growing majority of the society members who now belong to this group. The overall membership includes past society members and a large number of health care professionals interested in informatics.

4.a Current number of members: 27

4.b. List of WG/SIG members:

Patrick Weber	Switzerland
Ann Kristin Rotegård	Norway
Sayonara Barbosa	Brazilian
Judy Murphy	United States
Werner Hackl	Austria
Angela Irony	Israel
Nicholas Hardiker	UK
Insook Cho	Korea
Daniel Flemming	Germany
Johanna Ulfvarson	Sweden
Helen Almond	Australia
John Francis Faustorilla	Philippines
Margaret Kennedy	Canada
Carlos Hugo Leonzio	Argentina
Erika Muñoz Caballero	Chile
Bostijan Zvanut	Slovenia
Aleksandar Radenovic	Croatia
Metilda Jose Robin	India
Walter Sermeus	Belgium
Corina Vernic	Romania
Tso Ying (Joy) Lee	Taiwan
Loretto Grogan	Ireland
Sudath Warnakulasuriya	Sri Lanka
Michelle Honey	New Zealand
Pia Liljamo	Finland
Inge Madsen	Denmark
Hana Ibrahim Adu Sharib	UAE

