



## IMIA Student and Emerging Professionals SIG 2022 Report (June 2021 – June 2022)

### Co-Chairs (2021-2023)

#### **Charlene Ronquillo**

Assistant Professor, University of British Columbia Okanagan, Canada

#### **James Mitchell**

Assistant Professor, University of Colorado School of Medicine, USA

#### **Dari Alhuwail**

Associate Professor, Kuwait University, Kuwait

### [WG Website](#)

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## 1. Achievements – IMIA WG Events and projects conducted, and publications completed

### *Publications (group core member names highlighted):*

1. **Ronquillo, C.E., Mitchell, J., Alhuwail, D., Peltonen, L.M., Topaz, M. & Block, L.J.** (2022). The Untapped Potential of Nursing and Allied Health Data for Improved Representation of Social Determinants of Health and Intersectionality in Artificial Intelligence Applications: A Rapid Review. Yearbook of Medical Informatics 2022, Retrieved from <https://doi.org/10.1055/s-0042-1742504>.
2. **Von Gerich, H., Moen, H., Block, L.J.,** Chu, C.H., DeForest, H., Hobensack, M., Michalowski, M., Mitchell, J., Nibber, R., Olalia, M.A.P., Pruinelli, L., **Ronquillo, C.E., Topaz, M., Peltonen, L.M.** (2022). Artificial Intelligence-based technologies in nursing: A scoping literature review of the evidence. International Journal of Nursing Studies, 127(104153). Retrieved from <https://doi.org/10.1016/j.ijnurstu.2021.104153>.
3. **Lokmic-Tomkins, Z., Davies, S., Block, L. J.,** Cochrane, L., Dorin, A., **von Gerich, H., Lozada-Perezmitre, E., Reid, L., & Peltonen, L.** (2022). Assessing the carbon footprint of digital health interventions: A scoping review. Journal of the American Medical Informatics Association : JAMIA, 29(12), 2128-2139. <https://doi.org/10.1093/jamia/ocac196>

## 2. Describe WG/SIG Participation - Engagement and participation in IMIA, IMIA Region or member health informatics events and activities in the past year

1. Actively engaged with consultations with IMIA leadership to brainstorm and conceptualize a possible IMIA Virtual/Online event to be held in-between and to complement the MEDINFO conferences. This work is ongoing.
2. Actively collaborating within the SEP and outside the group on publications and international surveys, as described in publications and conference presentations.
3. The SEP also has been actively trying to engage with IMIA's Academy to provide mentorship opportunities for our members and connect them with global experts in the field.

## 3. 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.

1. As in-person activities have allowed for increasing networking opportunities, we have leveraged member attendance at various informatics events to advertise the IMIA SEP group. In June 2022, Ronquillo & Topaz were organizers of the First International Workshop on Artificial Intelligence in Nursing (AINurse-22), co-located with the 20th International Conference on Artificial Intelligence in Medicine (AIME2022) where we did outreach for our WG.
2. We continue outreach via our Gmail list and newsletter platform, where we publish our and other IMIA WG's newsletters <https://imia-sep-newsletter.pory.app/>
3. We are also on Facebook: <https://www.facebook.com/groups/448772348489821> and Instagram.

## 4. Current List of members

We have about 200 members recruited. About 10% of these are very active and attend 1-2 monthly meetings.

### Core members

#### Chairs

- Charlene Ronquillo (Canada)
- Dari Alhuwail (Kuwait)
- James Mitchell (USA/UK)

#### Past Chairs

- Laura-Maria Peltonen (Finland)
- Maxim Topaz (USA)

#### Secretary

- Lori Block (Canada)

Members:

- Alaa Abd-Alrazaq (Qatar)
- Shauna Davies (Canada)
- Francis Kobekyaa (Canada)
- Clair Kronk (USA)
- Shabbir Syed (Taiwan)
- Hans Moen (Finland)
- Lydia Sequeira (Canada)
- Sai Pawan Kumar Veeranki (Austria)
- Douglas Mbang Massom (Camerun)
- Alana Esty (Canada)
- Mollie Hobensack (USA)
- Jiyoun Song (USA)

SEP NI group:

- Hanna von Gerich (Finland)
- Lori Block (Canada)
- Jiyoun Song (USA)
- Pankaj Vyas (USA)
- Raji Nibber (Canada)
- Janine Sommer (Argentina)
- Lisiane Pruinelli (USA)
- Erika Lozada Perezmitre (Mexico)
- Gabrielle Eler (Brazil)
- Jude L. Tayaben (Philippines)
- Eunjoo Jeon (South Korea)
- Jisan Lee (South Korea)
- Lisa Reid (Australia)
- Sara Hughes (Australia)
- Zerina Tomkins (Australia)