



IMIA Organizational and Social Issues WG15 2020 Report

presented as part of the IMIA VP WG & SIGs report:

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

Christian Nøhr, Chair (2019-2022)

Katie Zhu, Vice Chair (2019-2022)

Website: <https://imia-medinfo.org/wp/organizational-and-social-issues/>

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.

- **Mission:** The mission of the Organizational and Social Issues working group is to promote Organizational and Social Issues and the role they play in medical informatics.
- **Vision:** Given the increased implementation of health information technology and the focus on approaches such as Big Data, Patient Participatory Medicine and collaborative care delivery, it is more important than ever to ensure that organizational and social contexts are considered and studied as part of the design and evaluation of informatics based solution
- **Objective:** To develop and promote scholarly approaches for OSI in medical informatics research and care delivery

2. Achievements - Events and projects conducted and publications completed

Christian Nohr and Craig Kuziemsky (former WG chair) were co-chairs along with Romaric Marcilly and Sylvia Pelayo of Context Sensitive Health Informatics 2019, a pre-Medinfo conference being held in Lille, France on August 23&24.

Context Sensitive Health Informatics is about health information technologies and their environments. Environments may be people in different roles such as users, designers, and evaluators, but also non-human constructs such as organizations, work practices, guidelines and protocols, buildings and markets.

The conference theme: The last decades have seen the development and the implementation of numerous innovations along with the emergence of the awareness

that innovations and technologies should be sustainable. Innovative technologies are developed for and implemented in health facilities and national health systems to improve the patient experience of care, the overall health of populations, and to reduce the per capita cost of healthcare. Yet, health structures, systems, their users (patients, relatives, professionals), and their needs may change at fast pace: national and local health policies evolve, infrastructures and other technologies are upgraded or grow old, users' profiles and their needs may change. In these moving sociotechnical contexts, how sustainable and context sensitive are healthcare innovations and our researches in the field? What level/temporal span of sustainability should we aim for and how to achieve it?

Invited keynote speakers : Dr. Pascale Carayon from Wisconsin-Madison University and Dr. Tommaso Bellandi from Northwest Trust of the Tuscany's Health Service, Italy.

Proceedings from the conference are published in the IOS Press series: Health Informatics and Technology. <https://www.iospress.nl/book/context-sensitive-health-informatics-sustainability-in-dynamic-ecosystems/>

Craig Kuziemsky contributed to the IMIA Yearbook 2020 paper: *Challenges and Best Practices in Ethical Review of Human and Organizational Factors Studies in Health Technology: a Synthesis of Testimonies*.

Christian Nøhr and Katie Zhu participated in the IMIA WG COVID-19 Viewpoint "Evidence-based health informatics as the foundation for the COVID-19 response: a joint call for action to transform hopes and hypes into realities" led by Luis Luque in October 2020

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

Our WG has held a meeting at Medinfo 2019 in an attempt to attract new members and collaboration with other groups.

A first meeting to plan the next Context Sensitive Health Informatics conference as a pre-MEDINFO conference in Sydney was held during Medinfo 2019. This conference is organized together with the IMIA WG on Human Factors Engineering for Healthcare Informatics.

Our WG members met virtually in September to discuss steps towards the next Context Sensitive Health Informatics conference. It was a group consensus that it would be a virtual conference. Proceedings from the conference will still be published in the IOS Press series.

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.

The WG does not keep a member book but reach out to members at the main international conferences (Medinfo, AMIA, MIE).

Christian Nøhr, Craig Kuziemsky and Katie Zhu will participate in AMIA Panel - New Care Delivery Models for Critical Responses: Case Studies of E-enabled Patient-

Provider Communication in Context on November 18, 2020 from 10:00 AM to 11:30 AM EDT.

4.a Current number of members:

4.b. List of WG/SIG members: