



IMIA Organizational and Social Issues WG 2023 Report (June 2022 – June 2023)

Christian Nøhr, Chair (2019-2022)

Aalborg University, Denmark

Xinxin (Katie) Zhu, Vice Chair (2019-2025)

Yale University, USA

Melissa Baysari, Vice Chair (2023-2025)

University of Sydney, Australia

[WG Website](#)

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

- **Book: Personal Health Informatics** - Patient Participation in Precision Health, Editors: [Pei-Yun Sabrina Hsueh](#), [Thomas Wetter](#), [Xinxin Zhu](#). Springer International Publishing AG. Part of the book series: [Cognitive Informatics in Biomedicine and Healthcare](#) (CIBH) by Series Editor, Vimla L. Patel, is available at <https://link.springer.com/book/10.1007/978-3-031-07696-1>
 - Offers a concise snapshot of the field, providing clarity to the ever-increasing variety and volume of health data
 - Provides pragmatic insights for practitioners in designing, implementing and evaluating personal health informatics
 - Defines consumer and personal health informatics and their relevance to precision medicine and healthcare applications

Many IMIA members contributed to the book, including but not limited to:

- Foreword by Enrico Coiera
- Chapter: [E-enabled Patient-Provider Communication in Context](#) by Craig E. Kuziemsky, Christian Nohr, José F. Florez-Arango, Vimla L. Patel, Pages 3-24
- Chapter 5: [Patient Portal for Critical Response During Pandemic: A Case Study of COVID-19 in Taiwan](#) by Siang Hao Lee, Yi-Ru Chiu, Po-Lun Chang, Pages 81-114
- Chapter: [The Role of Patient-Generated Data in Personalized Oncology Care and Research: Opportunities and Challenges for Real-World Implementation](#) by Luis Fernandez-Luque, Francisco J. Núñez-Benjumea, Sergio Cervera-Torres, José Luis López-Guerra, Zhongxing Liao, José A. Pagán et al. Pages 171-197
- Chapter: [Ecosystem of Patient-Centered Research and Information System Design](#) by Pei-Yun Sabrina Hsueh. Pages 329-351

- Chapter: [Personal Health Informatics Services and the Different Types of Value they Create](#) by Thomas Wetter. Pages 429-465
- Chapter: [Ethical, Legal, and Social Issues Pertaining to Virtual and Digital Representations of Patients](#) by Bonnie Kaplan. Pages 519-542

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

- Context Sensitive Health Informatics (CSHI) 2023 is the pre-conference to [MedInfo2023](#), the world congress on medical and health informatics. CSHI focuses on Human and Socio-technical approaches to health technology and healthcare delivery, and so attracts a large number of human factors and organizational researchers, those who work at the intersection of technology, humans and health systems. The CSHI conference is co-organized every two years by The International Medical Informatics Association (IMIA) and a local partner. In 2023, the University of Sydney will act as the local partner. Our WG members met virtually throughout the year with the University of Sydney to discuss WG activities, engagement and steps towards the 2023 Context Sensitive Health Informatics Conference and MedInfo. Craig E. Kuziemyky, Christian Nøhr, and Peter Elkin are all part of the Scientific Program Committee (SPC). Context Sensitive Health Informatics Conference has been a well-organized, managed, attended, and received conference. We expect to continue the success in the post-pandemic era for the in-person event. Proceedings from the conference are planned to be published in the IOS Press series again. The event will be held over 2 days, July 5-6, at the University of Sydney. Detailed meeting information on CSHI 2023 can be found at <https://www.cshi-imia.org/2023-sydney-conference>
- The special theme for the 2023 IMIA yearbook is: "Informatics for One Health." The WG is participating to the 2023 IMIA yearbook preparation by contributing to a section on "how to approach research in organizational and social issues in One Digital Health."

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.

Professor Melissa Baysari from the University of Sydney was recruited to join the WG as the incoming co-chair. Professor Baysari is an expert in human factors and chair of the 2023 CSHI conference committee, which makes her a well-suited co-chair for the WG. Her contact information is below:

Melissa Baysari, PhD FAIDH | Professor of Human Factors

The University of Sydney

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4. Current List of members:

The WG does not keep a member book but reach out to members at the main international conferences (Medinfo, AMIA, MIE), but during the CSHI we will discuss further strategic initiatives including membership for the WG.