



IMIA Participatory Health and Social Media WG16 2021 Report

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

- In this year, we managed to publish a scoping review targeting at identifying definitions for participatory health informatics with IMIA's official journal "Informatics for Health and Social Care". This scoping review is part of a project of the group aiming to define 'Participatory Health Informatics'. Additionally, the group contributed again to the IMIA Yearbook. Furthermore, we supported and contributed to the joint effort to summarize work done by the single IMIA WG in the context of COVID 19 resulting in a publication published at Methods of Information in Medicine (see below)
- The WG continues to actively publish in leading journals on participatory health and social media, commenting on a variety of areas relevant to patients, clinicians, and researchers (this includes publication in the IMIA 2020 and 2021 yearbook). Selected recent publications over the last 12 months include:
 - Larbi, Dillys; **Gabarron, Elia; Denecke, Kerstin** (2021). Social Media Chatbot for Increasing Physical Activity: Usability Study. In: Volume 285: pHealth 2021. Studies in Health Technology and Informatics. IOS Press 10.3233/SHTI210604
 - **Denecke, Abd-Alrazaq, Househ**: Artificial Intelligence for Chatbots in Mental Health: Opportunities and Challenges . In: Househ M: Multiple Perspectives on Artificial Intelligence in Healthcare: From Challenges to Opportunities, springer, 2021, doi:10.1007/978-3-030-67303-1
 - **Denecke K, Gabarron E**. How Artificial Intelligence for Healthcare Look Like in the Future? Stud Health Technol Inform. 2021 May 27;281:860-864. doi: 10.3233/SHTI210301. PMID: 34042796

- **Gabarron E, Rivera-Romero O, Miron-Shatz T, Grainger R, Denecke K.** Role of Participatory Health Informatics in Detecting and Managing Pandemics: Literature Review. *Yearb Med Inform.* 2021 Aug;30(1):200-209. doi: 10.1055/s-0041-1726486. Epub 2021 Apr 21. PMID: 33882600; PMCID: PMC8432992.
- **Fernandez Luque et al.** Evidence-Based Health Informatics as the Foundation for the COVID-19 Response: A Joint Call for Action. *Methods Inf Med.* 2021 May 11. doi: 10.1055/s-0041-1726414. Epub ahead of print. PMID: 33975375. <https://doi.org/10.1055/s-0041-1726414>
- **Denecke K, Gabarron E, Petersen C, Merolli M.** Defining participatory health informatics - a scoping review. *Inform Health Soc Care.* 2021 Sep 2;46(3):234-243. doi: 10.1080/17538157.2021.1883028. Epub 2021 Feb 23. PMID: 33622168.
- **Gabarron E, Larbi D, Årsand E, Wynn R.** Engaging social media users with health education and physical activity promotion. *Stud Health Technol Infor2021;281:789-793.*
- **Gabarron E, Oyeyemi SO, Wynn R.** COVID-19-related misinformation on social media: asystematic review. *Bull World Health Organ2021;99(6):455-463A.*
- **Giunti G, Claes M, Dorronzoro Zubieta E, Rivera-Romero O, Gabarron E.** Impact of COVID-19 on Mutiple Sclerosis topic discussion on Twitter. *Stud Health Technol Infor2021;281:865-869.*
- **Miron-Shatz, T.** (2021). *Your Life Depends on It: What You Can Do to Make Better Choices About Your Health.* Basic Books.
- **Syed Abdul S, Ramaswamy M, Fernandez-Luque L, John O, Pitti T, Parashar B.** The Pandemic, Infodemic and Peoples Resilience in India - A Viewpoint. *JMIR Public Health and Surveillance.* 26/10/2021:31645 (forthcoming/in press)

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

- As above, we continue to be a regular contributor to the IMIA yearbook publication
- Denecke and Gabarron continued to contribute to review IMIA yearbook papers, and selection of best papers
- The group joined a common effort of multiple IMIA WG to react to the COVID-19 outbreak with a viewpoint paper on “Evidence-based health informatics as the foundation for the COVID-19 response: a joint call for action to transform hopes and hypes into realities”. This viewpoint paper aims at providing an overview of how the health informatics scientific community is helping to support the COVID- 19 crisis.

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.

4. Current List of members:

1. Aboozar Eghdam
2. Anis Fuad
3. Annie YS Lau
4. Bart Brandenburg
5. C. Prajesh
6. Carlos Luis Sanchez-Bocanegra
7. Carol Bond
8. Carolyn Petersen

9. Charles Nobles
10. Chris Paton
11. Clara Bermudez
12. Colleen Young
13. Diane Skiba
14. Elia Gabarron
15. Erazo Camilo
16. Fernando Martin-Sanchez
17. Francisco Grajales
18. Francisco Lupiañez
19. Guido Giunti
20. Guillermo Lopez-Campos
21. Gunther Eysenbach
22. H.J. Tange
23. Humberto Mandirola
24. Iris Thiele Isip-Tan
25. James G. Kim
26. Jelle Visser
27. Jesus Daniel Trigo
28. Jonas Lauritzen
29. Juliana Brixey
30. Kerstin Denecke
31. Kevin Clauson
32. Kim Ruggiero
33. Leonie Ellis
34. Licoln A. Moura
35. Luis Fernandez-Luque
36. M.C. Murray
37. M.M. Clough
38. Margaret Hansen
39. Mark Merolli
40. Miguel Angel Mayer
41. Miguel Cabrer
42. Monica Murero
43. Mowafa Househ
44. Octavio Rivera
45. Osman Ahmed
46. Panagiotis D. Bamidis
47. Peter Murray
48. Rebecca Grainger
49. Renato Sabbatini
50. Rolf Wynn
51. Samantha Adams
52. Santiago Hors
53. Scott Erdeley
54. Shabbir Syed-Abdul
55. Shauna Davies
56. Sophie Bhebe
57. Stathis Th. Konstantinidis
58. Steven Bedrick
59. Suleman Atique
60. Talya Miron-Shatz
61. Taridzo Chomutare
62. Tobias Hartz
63. W. Ed Hammond

