Special Issue

Human-Centered and Inclusive Design: The Role of HCl in Designing for Health Systems

Message from the Guest Editor

Digital health technologies can improve accessibility and personalization but may also exclude vulnerable populations if not intentionally designed. This Special Issue explores how Human-Computer Interaction (HCI) can promote health inclusivity—from co-design methods to developing usable, trustworthy healthcare systems. We welcome original research, reviews, and case studies on topics such as:

- Community-Based & Participatory
 Design Engaging underserved
 groups in health tech development.
- Accessibility & Inclusive Design Interfaces for diverse literacy, physical, and cognitive needs.
- Human-in-the-Loop Systems Balancing patient autonomy and provider collaboration.
- Low-Resource Environments –
 Solutions for limited connectivity or older devices.
- Health Literacy Strategies Clear, actionable health information design.
- Impact Evaluation Measuring how inclusive tech reduces disparities.

We look forward to your submissions.

Guest Editor

Prof. Dr. Ana Carolina Bertoletti De Marchi Institute of Health, University of Passo Fundo (UPF), BR 285, São José, Passo Fundo, RS, Brazil



Healthcare

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 4.7
Indexed in PubMed



mdpi.com/si/247158

Healthcare
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
healthcare@mdpi.com

mdpi.com/journal/ healthcare





Healthcare

an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 4.7 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Healthcare is an international, peerreviewed, open access, multidisciplinary journal. Original research articles, short communications, review articles, and symposium highlights are welcomed.

Healthcare hopes to influence global health and disease aspects, and hopes to gain high visibility and acceptance by the scientific and healthcare community and will dedicate itself to covering special and specific topics in special

We would be pleased to welcome you as one of our authors.

Editor-in-Chief

issues.

Prof. Dr. Lorraine S. Evangelista

Louise Herrington School of Nursing, Baylor University, Dallas, TX 75246-1754, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), PubMed, PMC, and other databases.

Journal Rank:

JCR - Q2 (Health Policy and Services) / CiteScore - Q1 (Leadership and Management)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

