

Special Issue

Leveraging the Use of Technology Transformation to Advance the Health of Persons with Chronic Illness

Message from the Guest Editors

Wearable smart devices, Internet of Things (IoT), AI technologies, robots such as drones, big data analytics, and machine learning technologies hold a key to affordable, customizable, and scalable solutions to these challenges. These technologies have been employed in industries such as finance, retail, and travel to improve new product development, operational efficiency, and customer satisfaction. While digital technologies have forayed into health care, they could be leveraged to catalyze the transformation of the health of a person with a chronic illness by enabling patient-centered care, empowering evidence-based timely decisions and care provisions, facilitating efficient and effective coordination among care providers, and stimulating innovative interventions, prevention and control. In addition, the extant research sheds light on the vital role of co-creation in online healthcare communities (OHCs) as nascent peer-to-peer co-creation platforms in public health and wellbeing. This Special Issue is dedicated to original research that offers insights into digital technology solutions and their transformative impact on the health of a person with a chronic illness.

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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