Consumer Informatics and Digital Health

Solutions for Health and Health Care

- Presents a consumer-friendly overview of technical, social, and policy issues associated with the adoption, use, and impact of consumer technologies for health and health care
- Takes a multi-sector, integrated systems approach to help unify the field of digital health, with an emphasis on user-centered design, best practices, and building the evidence base
- Provides a technical foundation that inspires students in computer sciences, information design, and communications to get involved in consumer health informatics

This unique collection synthesizes insights and evidence from innovators in consumer informatics and highlights the technical, behavioral, social, and policy issues driving digital health today and in the foreseeable future. Consumer Informatics and Digital Health presents the fundamentals of mobile health, reviews the evidence for consumer technology as a driver of health behavior change, and examines user experience and real-world technology design challenges and successes. Additionally, it identifies key considerations for successfully engaging consumers in their own care, considers the ethics of using personal health information in research, and outlines implications for health system redesign. The editors' integrative systems approach heralds a future of technological advances tempered by best practices drawn from today's critical policy goals of patient engagement, community health promotion, and health equity. Here's the inside view of consumer health informatics and key digital fields that students and professionals will find inspiring, informative, and thought-provoking.

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