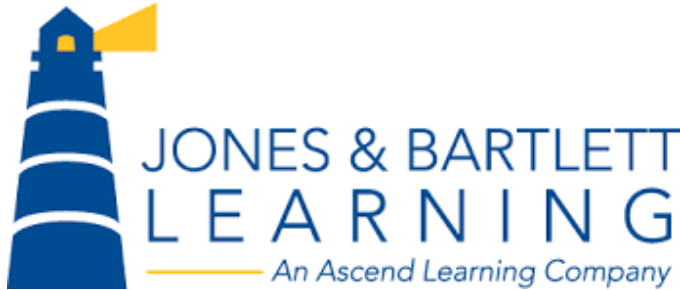# CONNECTED: Health Information, Technology and Informatics

CALL FOR CHAPTERS AND CASE STUDIES

Editors:

Joseph Tan, PhD, Professor of e-Health Informatics/e-Business Innovation, McMaster University, Hamilton, ON Canada
Olla Phillip, PhD, Professor Health Informatics, Director Center for Research, Madonna University, Michigan USA, CEO Audacia BioScience.

CONNECTED: Health Information, Technology and Informatics

This book will explore applications of health Information, Technology and Informatics that are transforming how healthcare is delivered around the world by providing comprehensive outline of how digital health is being deployed. In addition to the general themes such as history of eHealth, telemedice, Mhealth and identifying future trends, we aim to provide unique insight into Health Information Technology and informatics (HITI) adoption by using realworld examples.

This book will highlight theory along three distinct viewpoints: technological, business, and clinical, and provides insight into the intersection of these spheres. The content will also explore the innovation adoption of clinical innovations, and emphasizes techniques for evaluating clinical outcome, such as improved care, performance improvement and cost reduction in clinical settings. Other topics that are pertinent to comprehend due to the rapid digitization of healthcare include privacy, interoperability, risk analysis and regulatory standards, and policies. The reader will also discover how the clinical setting is being transformed and understand the role healthcare professional must undertake to assess, develop, and use information systems to work more efficiently, allocate resources more effectively, and a improve patient care. It will address fundamental Health care technology issues that are dominating the healthcare industry transformation covering topics such as standardization, Artificial Intelligence (AI), cloud computing, Internet of Medical Things (IOMT), enterprise architectures, consumer applications, behavior change solution, medication adherence, and HITI adoption, and cybersecurity. The book will also explore the business perspective by discussing cost / benefits considerations, associated legal and ethical issues that emerge with the digitization of healthcare data system.

Contributions:
Contributors are welcome to submit unpublished papers and chapter proposals on topics relating

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to the themed modules introduced by Health Information, Technology – Informatics & Telematics (HIT-IT) and their implications for health professionals. We are looking for learning experiences in real-world contexts and lessons learned from programs, courses and educational interventions aimed at enhancing healthcare professionals' informatics and telematics competencies for the digital age of organizational transformation. Evidence-based research and evaluation of interventions that address the different themed modules are also welcome.

Recommended topics include, but are not limited to the following:

- Health IT best practices and their implications for health professionals
- Original research and digital health IT projects on enhancing patient care and monitoring, especially for chronic diseases;
- The evolving nature of the patient-clinician relationships and shared decision making models;
- Advancing data analytics and HIT-IT applications on medical (and other health professional) education for the information age;
- Clinicians' education on confidentiality, privacy and ethical issues in the digital age;
- Cases in cyber-security: learning communities, telemedicine and simulation-based interventions;
- Digital health interventions.

Proposal submission instructions:

The submitted proposals/abstracts are each expected to be between 500 - 600 words (2 pages), comprising title, author name(s), official affiliation; summary of content outline and type of article (Chapter or case study) and contact information (phone and email) for the corresponding author(s).

All submissions will be peer reviewed and selected contributors will be invited and guided to collaborate on part on the book. All contributions should be original, unpublished, and not submitted elsewhere for publication consideration during the review period.

All participating authors should also provide short biographies on single pages separated from the proposals/abstracts. Multiple contribution proposals/abstracts are welcome.

Important Dates:

Abstract Proposals: November 30th, 2017
Abstract notification (reviewed): December 07, 2017
Full chapter submission deadline: February 16th, 2018
Full chapter notification: March 1, 2018
Final chapter resubmission: April 20th, 2018
Tentative publication date: Second quarter of 2018