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Gerontechnology: Research, Practice, and Principles in the Field of Technology and Aging

From Sunkyo Kwon

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From Sunkyo Kwon : Gerontechnology: Research, Practice, and Principles in the Field of Technology and Aging before purchasing it in order to gauge whether or not it would be worth my time, and all praised Gerontechnology: Research, Practice, and Principles in the Field of Technology and Aging:

Two mega-trends of modern culture, the rapid aging of the population and the inexorable advances in technology, have fueled the development of gerontechnology--the use of technology to sustain individual autonomy to an advanced age. This expansive book encompasses state-of-the-art research in gerontechnology and promising new technologies, products, and services that can improve activities of daily living, general health, and wellbeing of older individuals. It addresses current and future applications in such crucial areas as mobility and transportation, assistive devices, smart homes for senior citizens, in-home technologies, safety and privacy, and research and development highlighting--among others--design. Topics include, but are not limited to, virtual environments as a research tool, sensation, perception, and cognition research advancements, novel accessibility challenges to information and communication technology, as well as the evolving characteristics of the elderly. These are among the welcome developments addressed in the book. Contributors from around the globe, including the UK, Germany, Japan, Canada, The Netherlands, Korea, the United States, and more, bring unprecedented cross-cultural insight to the intersections of aging phenomena and technology. Key Features: Disseminates empirically proven findings and evidence-based theories, models, and concepts Written by world-recognized leaders in the field of technology and aging Reflects the global usage of gerontechnological applications Includes new technologies, research, and applications for virtual environments, smart homes, assistive technology care, and robotics Discusses computer-assisted social engagement, technology-facilitated caregiving, business case examples, and more

About the Author Sunkyo Kwon, Ph.D., is research fellow at the Institute of Mental Health, Hanyang University. He has been director of the Applied Gerontology Graduate Program at Sookmyung University. Dr. Kwon has been involved in numerous ventures related to information and communication technology for the elderly, both in professional service and gerontological research. He earned bachelor's degrees at Yonsei University, RoK, and the University of Maryland where he was nominated as an Honor Society of Phi Kappa Phi member, a Dipl.-Psych. (masters degree) at the Institute of Psychology, Technical University Berlin (TUB), and a doctorate at the Free University Berlin (FUB), summa cum laude. Dr. Kwon has held multiple research and faculty positions, among others as research scientist and/or professor at the FUB, at the Humboldt University Berlin, at the TUB Institute for Health Sciences/Public Health, and at Hallym University, RoK. He also served as research consultant at the Berlin Center of Public Health. Dr. Kwon has been a convener and co-convener of the Formal Interest Group on Technology and Aging (Gerontological Society of America) during four years and serves as an advisor for the South Korean National Information Agency.