Encyclopedia of Geropsychology

Nancy A. Pachana
Editor

Encyclopedia of Geropsychology

With 148 Figures and 100 Tables

Springer

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Foreword: The Frontiers of Geropsychology

In *Undaunted Courage*, the late historian, Stephen Ambrose (1996) chronicled the challenges faced by Meriwether Lewis as he set out on the Lewis and Clark expedition. He and his band of explorers were emissaries of President Thomas Jefferson, seeking a northwest passage and exploring the western territories of a young nation. Throughout the expedition, Lewis sent scouts back to President Jefferson, reporting on the landscape and the flora and fauna of the young nation's largely unknown territory.

In many ways, the entries of this comprehensive encyclopedia are like Lewis's scouts reports, only the territory being described is at once universal and immediately personal: the psychology of aging. Although concerns about aging and the latter part of the life span can be traced to the ancient Greeks (Abeles 2015), G. Stanley Hall's (1922) *Senescence: The Last Half of Life* marked psychology's formal acknowledgment of the relevance of later life for psychology and psychology's relevance for understanding that portion of the lifespan. In the almost one hundred years since Hall's publication, the field of geropsychology has expanded tremendously in breadth and depth.

When someone asks "What does psychology have to do with aging?" there are simple and complex answers. The simple answer: "Lots!"

Paul Baltes (1987, 1997; Baltes et al. 2007) outlined a more complex answer. He suggested that psychological models of adult development and aging had to account for four key elements: multidirectionality; plasticity; the historical context; and multiple causation. Baltes reminded us that aging includes both growth and decline (a lesson highlighted in Freund et al. (2016) entry). He also highlighted that compensatory skills can be learned to accommodate changing abilities. (Kuhn and Lindenberger (2016) would later differentiate plasticity from flexibility, a differentiation found in Wahl and Wettstein's (2016) contribution to this encyclopedia.) Baltes's emphasis on the historical context was a reminder of the influence of cohort and historical moments on individuals and societies, a theme echoed in Kennison, et al.'s (2016) entry. Finally, by highlighting multiple causation, Baltes focused our attention on the interaction between and among influences that shape the development and expression of psychological functioning, including biological and psychological elements (again, reflected in Riffin and Loeckenhoff's (2016) entry).

Editor Nancy Pachana is to be commended for the range of talented scholars and important topics she has assembled in this encyclopedia; both

are impressive. Together, hundreds of scholars have shared their expertise to report on the state of the art in geropsychology in the early twenty-first century. Along the way, they have demonstrated range of methods (observational and experimental), design (longitudinal, cross-sectional, cohort-sequential), and measurement strategies (intensive, repeated measures; single time surveys; etc.) Highlighting both inter- and intra-individual differences in rates and processes of aging, they have expanded Baltes's outline and helped us answer three important questions: *How do psychological processes affect aging? How does aging affect psychological processes? How do the contexts of individuals affect the interaction of aging and psychological processes?*

Throughout the encyclopedia, various psychological processes are highlighted for their impact on the processes of aging: for example, resilience (Staudinger and Greve 2016); the positivity effect (Reed and Carstensen 2016); social cognition (von Hippel et al. 2016); and social exchange (Wan and Antonucci 2016).

Conversely, some have focused on the impact of aging processes on psychological and social functions: for example, cognition (Schaie and Willis 2016); executive function (Karbach and Unger 2016); attention (Ruthruff and Lien 2016); memory (Zimprich and Kurtz 2016); decision-making (Mata 2016); personality (Helmes 2016; Diehl and Brother 2016); sexuality (Connaughton and McCabe 2016); and sexual orientation (Kimmel 2016).

At the same time, the contributors have focused on the impact of various contexts on the interplay of aging and psychological functioning: for example, social policy (Lum and Wong 2016); advocacy (DiGilio and Elmore 2016); technology (Lane et al. 2016); and work and retirement (Desmette and Fraccaroli 2016).

This encyclopedia will be a resource for many audiences: students of geropsychology who seek an introduction to the methods and findings of the field; teachers and scholars who seek insightful summaries of the complex literatures encompassed by geropsychology; and clinicians who are involved in translational research and service, extending the implications of basic research paradigms into the lives of aging adults, their families, and their communities.

The encyclopedia's "scholar scouts" of the territory of aging, who include the very capable associate editors of this text, have given us detailed reports on both the process and substance of exploring the territory. They allow us to understand aging in new ways and to see new prospects and new challenges in a territory we thought we knew. They also remind us of how far we have come in understanding the very human experience of aging. Savor the journey.

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Preface

Geropsychology is a relatively young field which spans a range of topic areas covering a subject of perennial interest to researchers, practitioners, and lay persons – namely, the psychology of later life. This book aims to thoroughly cover the main subtopics within the field of geropsychology, including historical and theoretical perspectives, clinical and applied geropsychology, cognitive and experimental geropsychology, geriatric neuropsychology and neuroscience, social geropsychology, health perspectives in geropsychology, work and retirement in later life, and longitudinal aging and centenarian studies.

The aim is to cover all aspects of geropsychology in a comprehensive way, with an international perspective and attention paid to both established and emerging topics in the field. The illustrations and high quality of the images, as well as the breadth of topics covered, will be key to its success.

In recent years, several advances in theory, measurement, and application across these many areas within geropsychology, coupled with innovations in domains ranging from genetics to social media and the Internet, have dramatically expanded the field. Simultaneously, the aging of the population in the developing and the developed world has enlivened interest in geropsychology. I hope that this book serves as a timely addition to the growing body of literature on this topic.

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Nancy A. Pachana

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The *Encyclopedia of Geropsychology* has been a truly international collaborative effort. I would like to thank all of the wonderful researchers across the globe who contributed entries to this work, my subsection editors for their diligence and creativity, the patience and support of all of the staff at Springer, the encouragement of my colleagues, friends, and family, and the love and support of my husband Tim.

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Dr. Nancy A. Pachana is a clinical geropsychologist, neuropsychologist, and professor in the School of Psychology at The University of Queensland and is codirector of the UQ Ageing Mind Initiative, providing a focal point for clinical, translational aging-related

research at UQ. She has an international reputation in the area of geriatric mental health, particularly with her research on late-life anxiety disorders. She is codeveloper of the Geriatric Anxiety Inventory, a published brief self-report inventory in wide clinical and research use globally, translated into over two dozen languages. She has published over 200 peer-reviewed articles, book chapters, and books on various topics in the field of aging and has been awarded more than \$20 million in competitive research funding, primarily in the areas of dementia and mental health in later life. Her research is well cited and she maintains a clear international focus in her collaborations and research interests, which include anxiety in later life, psychological interventions for those with Parkinson's disease, nursing home interventions, driving safety and dementia, teaching and learning in psychogeriatrics, and mental health policy and aging.

Nancy was elected a Fellow of the Academy of Social Sciences in Australia in 2014. She is also a Fellow of the Australian Psychological Society and is the recipient of numerous prizes and awards, including an Australian Davos Connection Future Summit Leadership Award, for leadership on aging issues in Australia. She serves on the editorial boards of several journals, including the *Journals of Gerontology: Psychological Science*, one of the top two journals in the world for publication of research in the science of the psychology of aging. Originally from the United States, Nancy was awarded her A.B. from Princeton University in 1987, her Ph.D. from Case Western Reserve University in 1992, and completed postdoctoral fellowships at the Neuropsychiatric Institute at UCLA, Los Angeles, and the Palo Alto Veterans Medical Center, Palo Alto, California. She is an avid bird watcher and photographer and an intrepid traveller.

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