

Environmental Gerontology What Now

Functional Neurobiology of Aging
The SAGE Handbook of Social Gerontology
The Geography of Aging
Brocklehurst's Textbook of Geriatric Medicine and Gerontology E-Book
Still Here
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Ageing in Society
Technology for Adaptive Aging
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Handbook of the Psychology of Aging
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Handbook of Models for Human Aging
Treatment of Late-Life Insomnia
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Future Directions for the Demography of Aging
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Gerontology
Evidence-Based Geriatric Nursing Protocols for Best Practice, Fifth Edition
Encyclopedia of Gerontology
Encyclopedia of Biomedical Gerontology
The Role of the Outdoors in Residential Environments for Aging

Functional Neurobiology of Aging

Handbook of the Psychology of Aging, Third Edition describes the psychology of adult development and aging. This book is organized into four parts encompassing 28 chapters that cover the basic behavioral changes and capacities occurring with advancing age. The first part deals with the history, concept, and models of the psychology of aging. This part also examines the distinctions between physical, biological, psychological, and social time or age. The second part explores the influences of racial, ethnic, and cultural factors on biological/health, social, and psychological aging processes. This part also surveys gender differences in aging. The third part describes numerous behavioral processes, changes, and patterns in advancing age. This part specifically considers the motivation, cognitive and motor performance, attentional processes, learning, memory, personality, and wisdom in aging. The fourth part focuses on the applications of the concepts and principles of aging to the individual and society. This book will be of great value to psychologists, researchers, and graduate students.

The SAGE Handbook of Social Gerontology

Noted scholars of environment-aging relations and environmental psychology examine the value of selected theories for enhancing both research and service provision on housing for elderly populations.

The Geography of Aging

A comprehensive source that offers a multidisciplinary overview of all aspects of aging.

Brocklehurst's Textbook of Geriatric Medicine and Gerontology E-Book

A comprehensive research//clinical accounting of insomnia treatment in older adults is provided by this book. Topics covered include: typical normal and disturbed sleep patterns, methods of evaluation and diagnosis; the major treatments for late-life insomnia; and research and methods of clinical management for topics in late-life insomnia that have only recently attracted systematic investigation.

Still Here

The Handbook of the Psychology of Aging, Seventh Edition, provides a basic reference source on the behavioral processes of aging for researchers, graduate students, and professionals. It also provides perspectives on the behavioral science of aging for researchers and professionals from other disciplines. The book is organized into four parts. Part 1 reviews key methodological and analytical issues in aging research. It examines some of the major historical influences that might provide explanatory mechanisms for a better understanding of cohort and period differences in psychological aging processes. Part 2 includes chapters that discuss the basics and nuances of executive function; the history of the morphometric research on normal brain aging; and the neural changes that occur in the brain with aging. Part 3 deals with the social and health aspects of aging. It covers the beliefs that individuals have about how much they can control various outcomes in their life; the impact of stress on health and aging; and the interrelationships between health disparities, social class, and aging. Part 4 discusses the emotional aspects of aging; family caregiving; and mental disorders and legal capacities in older adults. Contains all the main areas of psychological gerontological research in one volume Entire section on neuroscience and aging Begins with a section on theory and methods Edited by one of the father of gerontology (Schaie) and contributors represent top scholars in gerontology

Environmental Gerontology

Encyclopedia of Biomedical Gerontology presents a wide range of topics, ranging from what happens in the body during aging, the reasons and mechanisms relating to those age-related changes, and their clinical, psychological and social modulators and determinants. The book covers the biological and medical aspects of gerontology within the general framework of the biological basis of assessing age, biological mechanisms of aging, age-related changes in biological

systems, human age-related diseases, the biomedical practicality and impracticality of interventions, and finally, the ethics of intervention. Provides a 'one-stop' resource to information written by world-leading scholars in the field of biomedical gerontology Fills a critical gap of information in a field that has seen significant progress in the last 10 years

The Environmental Case

Global Air Pollution in Aging: Reading Smoke Signals is a complete reference connecting environmental pollution research to the human aging process. Since 1800, lifespans have more than doubled as infections declined and medicine improved. But the 20th century introduced a new global scourge of air pollution from fossil fuels with the potential to damage arteries, hearts and lungs that has been related to chronic exposure of air pollution from fossil fuels. Risk areas of study include childhood obesity, brain damage associated with air pollution, increased risk for autism in children and dementia in older adults. In humans and animals, air pollution stimulates chronic inflammation in different organs, and genetic vulnerability to air pollution is being recognized, particularly for carriers of the Alzheimer risk gene ApoE4. Connects environmental pollution research to the human aging process Raises new issues relevant to the controversies on air pollution and global warming, challenging assumptions that lifespan will continue to increase in the 21st Century Examines the burden of air pollution to disadvantaged populations, with anticipated greater impact in developing countries which rely on fossil fuels for economic development in future decades

Aging in the Right Place

Handbook of the Biology of Aging, Eighth Edition, provides readers with an update on the rapid progress in the research of aging. It is a comprehensive synthesis and review of the latest and most important advances and themes in modern biogerontology, and focuses on the trend of 'big data' approaches in the biological sciences, presenting new strategies to analyze, interpret, and understand the enormous amounts of information being generated through DNA sequencing, transcriptomic, proteomic, and the metabolomics methodologies applied to aging related problems. The book includes discussions on longevity pathways and interventions that modulate aging, innovative new tools that facilitate systems-level approaches to aging research, the mTOR pathway and its importance in age-related phenotypes, new strategies to pharmacologically modulate the mTOR pathway to delay aging, the importance of sirtuins and the hypoxic response in aging, and how various pathways interact within the context of aging as a complex genetic trait, amongst others. Covers the key areas in biological gerontology research in one volume, with an 80% update from the previous edition Edited by Matt Kaeberlein and George Martin, highly respected voices and researchers within the biology of aging discipline Assists basic researchers in keeping abreast of research and clinical findings outside their subdiscipline Presents information that will help medical, behavioral, and social gerontologists in understanding what basic scientists and clinicians are discovering

New chapters on genetics, evolutionary biology, bone aging, and epigenetic control Provides a close examination of the diverse research being conducted today in the study of the biology of aging, detailing recent breakthroughs and potential new directions

Encyclopedia of Gerontology: A-K

The noted spiritualist offers humorous and insightful guidance for exploring the joy, pain, and opportunities of the later phases of life.

Ageing in Society

`Ageing in Society brings forth exciting new questions, fresh perspectives, and a necessary critical approach to key issues - this is indeed an authoritative introduction. The authors not only have made significant contributions to gerontology, but offer the reader considerations for what could be, not just what is, the design of old age in society. The book will inform students in ways that so many texts in the area, satisfied with comfortable bromides, do not' - Jaber Gubrium, Editor of Journal of Aging Studies, University of Missouri-Columbia `This completely revised Third Edition of Ageing in Society presents one of the most comprehensive pictures of ageing today. Emphasising the dual processes of ageing societies and the experience of ageing, the book offers the reader - student or researcher alike - cogent discussions of the most up to date perspectives and evidence available. The contributors are all leading experts in their fields - comprising a range of important disciplines as they apply to ageing. Ageing in Society is a cutting edge text on one of the most important subjects facing the modern world - a must for all students of ageing' - Mike Bury, Emeritus Professor of Sociology, University of London `The Third Edition of the comprehensive textbook Ageing in Society extends its scope to include continental Europe, allowing broader as well as deeper insights into recent trends in gerontology. Gerontologists and practitioners are urged not to stop reading before they have reached the insightful last chapter "Ageing into the future"! - Professor Dorly Deeg, Editor-in-Chief European Journal of Ageing The Third Edition of this popular and widely-used text provides a comprehensive introduction to the study of ageing, exploring the key theories, concepts and methods which the behavioural and social sciences contribute to the subject. Thoroughly revised and updated, Ageing in Society reflects new trends in gerontology, incorporating recent developments in theory and research as well as major international and interdisciplinary perspectives. A new chapter on cognitive ageing has been added and key themes, such as social protection, retirement, health and illness, and cultural images of old age are also critically examined. Ageing in Society was developed by the British Society of Gerontology to fulfil the need for an authoritative introduction to social gerontology. As such, it is an ideal resource for students and lecturers in the social and behavioural sciences, as well as for students and practitioners in health and social care.

Technology for Adaptive Aging

Environmental gerontology – the research on aging and environment – evolved during the late 1960s, when the domain became a relevant topic due to societal concerns with the problems of housing for elderly people. The field proliferated during the 1970s and 1980s, and remains viable and active today on an international scale. However, in recent times, the viability of the field and its future has been brought into question. In this volume, international experts across diverse areas reflect on the current progress of their respective disciplines, illustrating research-grounded benefits emerging from their work, and suggesting new agenda that can guide progress in the future. The contributors address a wide range of issues, including: evaluation of existing paradigms and new theories that might advance both research and training; issues and applications in methods, measures, and empirically-generated research agenda; innovative approaches to environmental transformations in home, community, and long-term care settings; and understudied populations and issues in environmental gerontology. This book was originally published as a special issue of the Journal of Housing for the Elderly.

Understanding Communication and Aging

Uses statistics to map the spatial distribution of Canada's seniors and their diversity. Drawing on tested aging-environmental research and years of planning experience, this title delineates the geography of seniors and proposes a comprehensive framework for many communities - large and small, urban, suburban, and rural

Precision Agriculture for Sustainability and Environmental Protection

Aging well and actively is the real objective of human being. This book is an up-to-date and realistic view on physiopathological mechanisms of aging and age-related diseases. The book includes topical contributions from multiple disciplines to support the fundamental goals of extending active life and enhancing its quality.

Environmental Leadership

"[This book] addresses issues on both sides of the Atlantic; examines the theoretical underpinnings of environmental gerontology; and provides useful practical applications and guiding principles. Recommended."--Choice: Current Reviews for Academic Libraries The environments in which people live out their later lives have a strong impact on their identity and provide opportunities for nourishing social interactions. This volume translates the insights derived from contemporary research on residential environments and public spaces that enhance well-being into practical recommendations for the design of such beneficial community environments. The text is grounded in the conceptual and theoretical underpinnings of

current research on place attachment, environmental meaning, and community living in later life. Emphasis is placed on how to design residential spaces that facilitate the development of a sense of place or home, and investigation is made into the kinds of lifestyles such spaces foster and support. A major theme pervading the text is the juxtaposition of private and public space. The book also addresses such themes as the transformation of spaces into places of personal identification and attachment, the need for shared intergenerational spaces, and consideration of diverse populations when designing public spaces. The book also considers how emerging public policy agendas affect the development and management of environments for the elderly. Environmental Gerontology includes the contributions of scholars in anthropology, architecture, economics, education, geography, gerontology, planning, psychology, sociology, and numerous health sciences, who hail from North America, Europe, and Asia. With its strong interdisciplinary focus, this text offers innovative and judicious recommendations for the creation of community environments that are truly beneficial for older adults. Key Features: Provides an up-to-date synthesis of the latest research on the meaning of place to older people and its relationship to well-being Offers fresh insight and critical perspectives on community planning and environmental design Considers private residences, retirement communities, long-term care facilities, and public and private community spaces Includes guiding principles for environmental design and practice relevant to the documented needs of older people Synthesizes contributions from international scholars in many disciplines

Handbook of the Psychology of Aging

This new edition of one of the premier references for geriatric nurses in hospital, long-term, and community settings delivers current guidelines, real-life case studies, and evidence-based protocols developed by master educators and practitioners. With a focus on improving quality of care, cost-effectiveness, and outcome, the fifth edition is updated to provide the most current information about care of common clinical conditions and issues in older patients. Several new expert contributors present current guidelines about hip fractures, frailty, perioperative and postoperative care, palliative care, and senior-friendly emergency departments. Additionally, chapters have been reorganized to enhance logical flow of content and easy information retrieval. Protocols, systematically tested by more than 300 participating NICHE (Nurses Improving Care for Health system Elders) hospitals, are organized in a consistent format and include an overview, evidence-based assessment and intervention strategies, and an illustrative case study with discussion. Additionally, protocols are embedded within chapter text, providing the context and detailed evidence for each. Chapter objectives, annotated references, and evidence ratings for each protocol are provided along with resources for additional study. New to the Fifth Edition: Reorganized to enhance logical flow of information and ease of use Updated and revised Includes new contributions from expert educators and practitioners Provides new chapters on perioperative and postoperative care, general surgical care, care of hip fracture, palliative care, and the senior-friendly emergency department Key Features: Includes PowerPoints and a test bank for instructors Delivers evidence-based, current guidelines and protocols for care of common clinical

conditions in the older person Illustrates the application of clinical protocols to real-life practice through case studies and discussion Edited by nationally known geriatric leaders who are endorsed by the Hartford Institute for Geriatric Nursing and NICHE Written for nursing students, nurse leaders, and practitioners at all levels, including those in specialty roles

Environment and Aging Theory

The Handbook of Models for Human Aging is designed as the only comprehensive work available that covers the diversity of aging models currently available. For each animal model, it presents key aspects of biology, nutrition, factors affecting life span, methods of age determination, use in research, and disadvantages/advantages of use. Chapters on comparative models take a broad sweep of age-related diseases, from Alzheimer's to joint disease, cataracts, cancer, and obesity. In addition, there is an historical overview and discussion of model availability, key methods, and ethical issues. Utilizes a multidisciplinary approach Shows tricks and approaches not available in primary publications First volume of its kind to combine both methods of study for human aging and animal models Over 200 illustrations

Preparing for an Aging World

Written within a bio-psychosocial framework, Cavanaugh and Blanchard-Fields' best-selling text covers the specific ages-stages of adult development and aging. In its unparalleled coverage of current research and theory, the authors draw clear connections between research and application. The book's focus on positive aging and the gains and losses people experience across adulthood distinguish it from its competitors. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Role of Global Air Pollution in Aging and Disease

This book looks at the relationships between the physical-social environment and the elderly in Europe and Latin America, from the Environmental Gerontology perspective and through geographical and psychosocial approaches. It addresses the main environmental issues of population ageing, based on an understanding of the complex relationships, adjustments and adaptations between different environments (home, residence, public spaces, landscapes, neighbourhoods, urban and rural environment) and the quality of life of the ageing population, associated with residential strategies and other aspects related to health and dependency. The different levels of socio-spatial analysis are also explored: macro (urban and rural environments, regions and landscapes), meso (neighbourhood, public space) and micro (personal, home and institution). New theoretical and methodological approaches are proposed to analyse the attributes and functions of the physical-social environment of the elderly, as well as new ways of living the ageing process. All will have to respond to the challenges of

urbanisation, globalisation and climate change in the 21st century. Also, the different experiences and challenges of public planning and management professionals involved with the growing ageing population are presented, and will require greater association and collaboration with the academic and scientific fields of Environmental Gerontology.

Handbook of Models for Human Aging

Creating Aging-Friendly Communities (CAFC) examines the need to redesign America's communities to respond to the realities of our rapidly aging society. The text focuses on the interface between individuals and their environments, and the ways in which communities can enhance individual and community well-being. What differentiates CAFC from other books is its breadth of focus, its comprehensive and evidence-based consideration of key concepts, its inclusion of social as well as physical infrastructure characteristics, and its intensive examination of models of community change for fostering aging-friendliness. It presents a conceptually and empirically-based model of aging-friendliness, identifies environmental modifications that could enhance individual and community well-being, outlines a typology of community change approaches, and considers the potential efficacy of those approaches. This book identifies practical implications for policies, programs, and knowledge development designed to help communities become more aging-friendly.

Treatment of Late-Life Insomnia

This volume reflects the emergence of ageing as a global concern, including chapters by international scholars from Asia, Australasia, Europe and North America. It provides a comprehensive overview of key trends and issues in the field, drawing upon the full range of social science disciplines. The Handbook is organized into five parts, each exploring different aspects of research into social aspects of ageing: * Disciplinary overviews: summaries of findings from key disciplinary areas within social gerontology * Social relationships and social differences: topics include: social inequality, gender and ageing, the role of religion, inter-generational ties, social networks, and friendships in later life. * Individual characteristics and change in later life: chapters in this section examine different aspects of individual aging, including self and identity, cognitive processes, and biosocial interactions and their impact on physical and psychological aging. * Comparative perspectives and cultural innovations: topics in this section include: ageing and development, ageing in a global context, migration, and cross-cultural perspectives on grandparenthood. * Policy issues: The final section examines some of the main policy concerns affecting older people across the world. Topics include: developments in social policy, long-term care, technology and older people, end of life issues, work and retirement, crime and older people, and the politics of old age. This will be essential reading for all students, researchers and policy-makers concerned with the major issues influencing the lives of older people across the globe.

Creating Aging-friendly Communities

Part of the SAGE Reference Series on Leadership, this 2-volume set tackles issues relevant to leadership in the realm of the environment and sustainability. Volume 1 of *Environmental Leadership: A Reference Handbook* considers such topics as environmental thought leadership (environmental ethics, conservation, eco-feminism, collective action and the commons and what we have termed contrarians); political leadership (the environmental challenge context for the expression of political leadership); governmental leadership (government initiatives to provide leadership in environmental management); private sector leadership (private sector leadership in environmental management as individuals, through organizations or through specific initiatives); nonprofit leadership (nonprofit sector leadership in topical areas such as conservation, advocacy, philanthropy and economic development); signaling events (events and their impact on the exercise of environmental leadership through individual, political and organizational actions); grassroots activism (profiles of individual environmental activists and considerations of how environmental leadership is exercised through activism); environmental leadership in journalism, literature and the arts; and environmental leadership in education. In Volume 2 we cover topics that confront the particular intractable characteristics of environmental problem solving. Individual chapters focus on how environmental leadership actions or initiatives may be applied to address specific problems in context, offering both analyses and recommendations. Overarching themes in this volume include taking action in the face of uncertainty (mitigating climate change impacts, adapting to climate change, protecting coastal ecosystems, protecting wetlands and estuaries, preserving forest resources, protecting critical aquifers, preventing the spread of invasive species, and identifying and conserving vital global habitats); promoting international cooperation in the face of conflicting agendas (designing and implementing climate change policy, reconciling species protection and free trade, allocating scarce resources, designing sustainable fisheries, addressing global overpopulation, preventing trade in endangered species, conserving global biodiversity, and mitigating ocean debris and pollution); addressing conflicts between economic progress and environmental protection (preserving open space, redesigning cities, promoting ecotourism, redeveloping brownfields, designing transit-oriented development, confronting impacts of factory farming, preventing non-point source agricultural pollution, confronting agricultural water use, addressing the impacts of agrochemicals, designing sustainable food systems, and valuing ecosystem services); addressing complex management challenges (energy efficiency, solar energy, wind energy, hydrogen economy, alternative vehicles, solid waste disposal, hazardous waste disposal, electronic waste disposal, life cycle analysis, and waste to energy); and addressing disproportionate impacts on the poor and the weak (preventing export of developed world waste to developing countries, minimizing co-location of poverty and polluting industries, protecting the rights of indigenous peoples, preventing environmental disease, protecting children's health, providing universal access to potable water, and protecting environmental refugees). The final three chapters examine next-generation environmental leaders.

Ageing in Urban Neighbourhoods

Precision agriculture (PA) involves the application of technologies and agronomic principles to manage spatial and temporal variation associated with all aspects of agricultural production in order to improve crop performance and environmental quality. The focus of this book is to introduce a non-specialist audience to the role of PA in food security, environmental protection, and sustainable use of natural resources, as well as its economic benefits. The technologies covered include yield monitors and remote sensing, and the key agronomic principles addressed are the optimal delivery of fertilizers, water and pesticides to crops only when and where these are required. As a result, it is shown that both food production and resource efficiency can be maximized, without waste or damage to the environment, such as can occur from excessive fertilizer or pesticide applications. The authors of necessity describe some technicalities about PA, but the overall aim is to introduce readers who are unfamiliar with PA to this very broad subject and to demonstrate the potential impact of PA on the environment and economy. The book shows how farmers can place sustainability of the environment at the centre of their operations and that this is improved with the application of PA. The range of topics described includes sampling and mapping, weed and pest control, proximal and remote sensing, spatio-temporal analysis for improving management, management zones and water management. These are illustrated with case studies on sampling and mapping, biofuels from sugar cane and maize, paddy rice cultivation, and cotton production. Chapter 3 of this book is freely available as a downloadable Open Access PDF at <http://www.tandfebooks.com/page/openaccess> It has been made available under a Creative Commons Attribution-Non Commercial-No Derivatives 3.0 license.

Future Directions for the Demography of Aging

Print+CourseSmart

Environmental Nutrition

Provide a comfortable living environment for the aging! Aging in Place: Designing, Adapting, and Enhancing the Home Environment gives you a complete examination of current trends in adaptive home designs for older adults. As a therapist, designer, architect, builder, home planner, social worker, community organizer, or gerontologist, Aging in Place will show you innovative home designs and studies for creating environments that offer optimal living for aging adults. Complete with diagrams, floor plans, and tables, Aging in Place helps you to improve the quality of life for the elderly by offering them state-of-the-art designs that encourage independence and dignity. This unique and exciting book covers topics such as universal design which strives to create everyday environments and products like door handles and light switches that are usable by all people to the greatest extent possible, regardless of age or ability. Aging in Place will also show you how to:

use follow-up visits by occupational therapists to ensure successful use of home modifications create environments that are helpful for vision rehabilitation by using controlled lighting and color schemes evaluate the quality of life for elderly people living in personal dwellings, specialized housing, and nursing homes explore architectural barriers and the uses of helping devices for elderly people examine research critiques of adaptive toilet equipment investigate modifications that have been made in homes for the elderly in India analyze ways in which elderly people have changed their homes to make the telephone more accessible Aging in Place is a complete guide to understanding the needs and latest trends in optimizing the living space of elderly persons. The book gives you access to several studies on elderly people's environmental needs and preferences in regard to modifications in personal and public dwellings. This information will assist you with better serving the elderly by helping them live more independently.

Environmental Gerontology in Europe and Latin America

Some well-known age-related neurological diseases include Parkinson's disease, Alzheimer's disease, deafness, and blindness. Even more common are the problems of aging which are not due to disease but to more subtle impairments in neurobiological systems, including impairments in vision, memory loss, muscle weakening, and loss of reproductive functions, changes in body weight, and sleeplessness. As the average age of our society increases, diseases of aging continue to become more common, and conditions associated with aging need more attention by doctors and researchers. In 1991, patients over the age of 65 saw their doctors an average of eight times per year. Research funding is provided by the Neuroscience and Neuropsychology of Aging (NNA) Program, which is run by the National Institute on Aging. This book offers a comprehensive overview of all topics related to functional impairments which are related to the aging brain and nervous system. It is organized according to four general functions: movement, senses, memory, and neuroendocrine regulation. Written by the leading researchers in the field, this comprehensive work addresses both impairments associated with diseases and not associated with diseases, making it easier to understand the mechanisms involved. Functional Neurobiology of Aging is an important reference for professionals and students involved in aging research, as well as physicians who need to recognize and understand age-related impairments. Organized by function, making it easy to find and understand the material Addresses impairments both associated with diseases and not associated with diseases Written by leading researchers in the field Most comprehensive source of information on the neurobiology of aging

Adult Development and Aging

Answers to environmental issues are not black and white. Debates around policy are often among those with fundamentally different values, and the way that problems and solutions are defined plays a central role in shaping how those values are translated into policy. The Environmental Case captures the real-world complexity of creating environmental policy, and this

much-anticipated Fifth Edition contains fifteen carefully constructed cases. Through her analysis, Sara Rinfret continues the work of Judith Layzer and explores the background, players, contributing factors, and outcomes of each case, and gives readers insight into some of the most interesting and controversial issues in U.S. environmental policymaking.

Family Ties and Aging

Discover the physical and mental benefits of outdoor spaces for the elderly *The Role of the Outdoors in Residential Environments for Aging* presents new insights on the positive role nature and the outdoors can play in the lives of older adults, whether they live in the community, in an assisted-living environment, or in a skilled nursing facility. Current research suggests that increased contact and activity levels with the outdoors can be an important therapeutic resource for the elderly, with significant mental and physical health benefits. This unique book examines how to make the most of outdoor spaces in residential settings, exploring attitudes and patterns of use, the effect of plants, the physical environment, and health-related outcomes from contact with nature and enhanced physical activity. The famous landscape architect Luis Barragan once said, “A garden must combine the poetic and the mysterious with serenity and joy.” The outdoors is a highly desired and potentially valuable resource for older people, making it essential for design practitioners, care providers, policy planners, and consumer advocates to target specific ways of planning communities and long-term care facilities, as well as activity programs, to maximize the use of outdoor spaces in residential settings. The benefits are many: increased well-being for residents, improved market appeal and stabilized occupancy levels for long-term care providers, increased market share for design practitioners, and a better understanding of this under-researched issue by academics. The book’s contributors provide perspectives from a variety of disciplines, including architecture and landscape architecture, gerontology, environmental psychology, and horticulture therapy. *The Role of the Outdoors in Residential Environments for Aging* includes: interviews with residents living in three different long-term care facilities about the significance of outdoor green spaces in their environment reasons for underused spaces in housing projects and recommendations for site redesigns the features of outdoor environments that attract—and deter—usage specific recommendations for older adults of a particular culture the reasons older people engage in indoor and outdoor physical activities an environmental support model the effects of viewing natural landscapes on the blood pressures and heart rates of elderly women restorative experiences in natural and built environments design features, outdoor amenities, and green elements and much more *The Role of the Outdoors in Residential Environments for Aging* is an invaluable resource for long-term care providers, design practitioners, academics, and anyone else who provides mental and physical health care to older adults.

Handbook of the Psychology of Aging

Almost 25 years have passed since the Demography of Aging (1994) was published by the National Research Council. Future Directions for the Demography of Aging is, in many ways, the successor to that original volume. The Division of Behavioral and Social Research at the National Institute on Aging (NIA) asked the National Academies of Sciences, Engineering, and Medicine to produce an authoritative guide to new directions in demography of aging. The papers published in this report were originally presented and discussed at a public workshop held in Washington, D.C., August 17-18, 2017. The workshop discussion made evident that major new advances had been made in the last two decades, but also that new trends and research directions have emerged that call for innovative conceptual, design, and measurement approaches. The report reviews these recent trends and also discusses future directions for research on a range of topics that are central to current research in the demography of aging. Looking back over the past two decades of demography of aging research shows remarkable advances in our understanding of the health and well-being of the older population. Equally exciting is that this report sets the stage for the next two decades of innovative research—a period of rapid growth in the older American population.

Aging with Grace

This title draws attention to the impact of urban deprivation on older people's lives.

Geographical Gerontology

Highlights the profound significance of where older people live and receive care. This book explores many pathways to thriving in old age, ranging from aging in place to moving to housing and care settings specially tailored to match a person's lifestyle and vulnerabilities.--Provided by publisher

Environmental Gerontology

Emerging and currently available technologies offer great promise for helping older adults, even those without serious disabilities, to live healthy, comfortable, and productive lives. What technologies offer the most potential benefit? What challenges must be overcome, what problems must be solved, for this promise to be fulfilled? How can federal agencies like the National Institute on Aging best use their resources to support the translation from laboratory findings to useful, marketable products and services? Technology for Adaptive Aging is the product of a workshop that brought together distinguished experts in aging research and in technology to discuss applications of technology to communication, education and learning, employment, health, living environments, and transportation for older adults. It includes all of the workshop papers and the report of the committee that organized the workshop. The committee report synthesizes and

evaluates the points made in the workshop papers and recommends priorities for federal support of translational research in technology for older adults.

Handbook of the Biology of Aging

Popular with generations of practitioners, Brocklehurst's Textbook of Geriatric Medicine and Gerontology has been the definitive reference of choice in the field of geriatric care. The new 7th Edition, by Howard M. Fillit, MD, Kenneth Rockwood, MD, and Kenneth Woodhouse, carries on this tradition with an increased clinical focus and updated coverage to help you meet the unique challenges posed by this growing patient population. Consistent discussions of clinical manifestations, diagnosis, prevention, treatment, and more make reference quick and easy, while over 255 illustrations compliment the text to help you find what you need on a given condition. Examples of the latest imaging studies depict the effects of aging on the brain, and new algorithms further streamline decision making. Emphasizes the clinical relevance of the latest scientific findings to help you easily apply the material to everyday practice. Features consistent discussions of clinical manifestations, diagnosis, prevention, treatment, and more that make reference quick and easy. Includes over 255 illustrations—including algorithms, photographs, and tables—that compliment the text to help you find what you need on a given condition. Provides summary boxes at the end of each chapter that highlight important points. Features the work of an expert author team, now led by Dr. Howard M. Fillit who provides an American perspective to complement the book's traditional wealth of British expertise. Includes an expanded use of algorithms to streamline decision making. Presents more color images in the section on aging skin, offering a real-life perspective of conditions for enhanced diagnostic accuracy. Includes examples of the latest imaging studies to help you detect and classify changes to the brain during aging. Offers Grade A evidence-based references keyed to the relevant text.

Aging in Place

Understanding where ageing occurs, how it is experienced by different people in different places, and in what ways it is transforming our communities, economies and societies at all levels has become crucial for the development of informed research, policy and programmes. This book focuses on the interdisciplinary field of study - geographical gerontology - that addresses these issues. With contributions from more than 30 leading geographers and gerontologists, the book examines the scope and depth of geographical perspectives, concepts and approaches applied to the study of ageing, old age and older populations. The book features 25 chapters organized into five parts that cover the field's theoretical traditions and intellectual evolution; the contributions of key disciplinary perspectives from population geography, social and cultural geography, health geography, urban planning and environmental studies; the scales of inquiry within geographical gerontology from the global to the embodied; the thematic breadth of contemporary issues of interest that define the field

(places, spaces and landscapes of ageing); and a discussion about challenges, opportunities and agendas for future developments in geography and gerontology. This book provides the first comprehensive foundation of knowledge about the state of the art of geographical gerontology that will be of interest to scholars of ageing around the world.

Environmental Gerontology

In 1986 Dr. David Snowdon, one of the world's leading experts on Alzheimer's disease, embarked on a revolutionary scientific study that would forever change the way we view aging—and ultimately living. Dubbed the “Nun Study” because it involves a unique population of 678 Catholic sisters, this remarkable long-term research project has made headlines worldwide with its provocative discoveries. Yet *Aging with Grace* is more than a groundbreaking health and science book. It is the inspiring human story of these remarkable women—ranging in age from 74 to 106—whose dedication to serving others may help all of us live longer and healthier lives. Totally accessible, with fascinating portraits of the nuns and the scientists who study them, *Aging with Grace* also offers a wealth of practical findings:

- Why building linguistic ability in childhood may protect against Alzheimer's
- Which ordinary foods promote longevity and healthy brain function
- Why preventing strokes and depression is key to avoiding Alzheimer's
- What role heredity plays, and why it's never too late to start an exercise program
- How attitude, faith, and community can add years to our lives

A prescription for hope, *Aging with Grace* shows that old age doesn't have to mean an inevitable slide into illness and disability; rather it can be a time of promise and productivity, intellectual and spiritual vigor—a time of true grace.

An Invitation to Environmental Sociology

Understanding Communication and Aging is the most accessible introductory text in the area of communication and aging. The book examines key topics such as interpersonal and family relationships in old age, media portrayals of aging, cultural variations in intergenerational communication, and health communication in old age. With a lively presentation style, the book presents central research findings in the area while engaging students more broadly in the important questions concerning communication and human aging: Why do some people age more successfully than others? What role does communication play in shaping our attitudes and feelings about getting older? Are there different or better ways in which we could get old? Students will emerge with a greater understanding of communication and aging research, and with a greater interest and sensitivity to the ways in which communication is shaped by, and itself influences, the aging process.

Gerontology

“This is not only the best environmental sociology text I've used, but it is the best text of any type I've used in college-level

teaching.” –Dr. Cliff Brown, University of New Hampshire Join author Mike Bell and new co-author Loka Ashwood as they explore “the biggest community of all” and bring out the sociology of environmental possibility. The highly-anticipated Fifth Edition of *An Invitation to Environmental Sociology* delves into this rapidly changing and growing field in a clear and artful manner. Written in a lively, engaging style, this book explores the broad range of topics in environmental sociology with a personal passion rarely seen in sociology books. The Fifth Edition contains new chapters entitled “Money and Markets,” “Technology and Science,” and “Living in An Ecological Society.” In addition, this edition brings in fresh material on extraction between core and periphery countries, the industrialization of agriculture, the hazards of fossil fuel production, environmental security, and making environmentalism normal.

Evidence-Based Geriatric Nursing Protocols for Best Practice, Fifth Edition

Presenting a broad examination of the issues surrounding family ties and aging, this advanced textbook provides an integrated and thorough representation of current research in the field. Whereas books on families and aging have traditionally focused on ties to a spouse and to children and grandchildren, Connidis's coverage is more extensive and more reflective of contemporary society.

Encyclopedia of Gerontology

Aging is a process that encompasses virtually all aspects of life. Because the speed of population aging is accelerating, and because the data needed to study the aging process are complex and expensive to obtain, it is imperative that countries coordinate their research efforts to reap the most benefits from this important information. *Preparing for an Aging World* looks at the behavioral and socioeconomic aspects of aging, and focuses on work, retirement, and pensions; wealth and savings behavior; health and disability; intergenerational transfers; and concepts of well-being. It makes recommendations for a collection of new, cross-national data on aging populations—data that will allow nations to develop policies and programs for addressing the major shifts in population age structure now occurring. These efforts, if made internationally, would advance our understanding of the aging process around the world.

Encyclopedia of Biomedical Gerontology

Environmental Nutrition: Connecting Health and Nutrition with Environmentally Sustainable Diets explores the connection between diet, environmental sustainability and human health. Current food systems are a major contributor to our most pressing health and environmental issues, including climate change, water scarcity, food insecurity and chronic diseases. This book not only seeks to increase our understanding of the interrelatedness of these major global issues, but also aids in

the creation of new solutions. Sections discuss the diet, the health and environment trilemma, food systems and their trends, environmental nutrition as an all-encompassing discipline, and the environmental nutrition model. Demonstrates how the food system, the environment and human health are inter-related Explores how dietary patterns impact food production and agriculture choices Identifies the imbalance between current food production relative to demand Addresses how the current food system negatively impacts the environment Provides practical solutions to how diets can be both healthy and sustainable

The Role of the Outdoors in Residential Environments for Aging

A comprehensive source that offers a multidisciplinary overview of all aspects of aging.

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