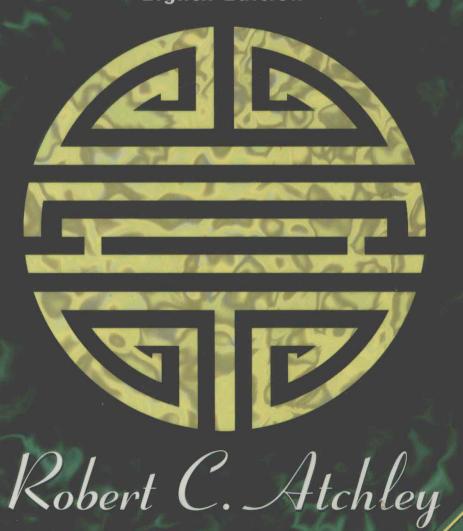
# SOCIAL FORCES AND AGING

AN INTRODUCTION TO SOCIAL GERONTOLOGY

Eighth Edition



## **Social Forces and Aging**

## An Introduction to Social Gerontology

**Eighth Edition** 

Robert C. Atchley Miami University



 $Wadsworth\ Publishing\ Company \\ {\rm I}\textcircled{\tiny{$\mathbb{T}$}}{\rm P}^{\circledast}\ \ An\ International\ Thomson\ Publishing\ Company}$ 

Sociology Editor: Eve Howard Editorial Assistant: Deidre McGill Marketing Manager: Mike Dew Production: Ruth Cottrell

Print Buyer: Karen Hunt

Permissions Editor: Jeanne Bosschart

Copy Editor: Lura Harrison Cover Design: Craig Hanson Compositor: Conch Composition Printer: Quebecor Printing/Fairfield

Cover Printer: Phoenix Color

COPYRIGHT © 1997 by Wadsworth Publishing Company A Division of Thomson International Publishing Inc. I(T)P The ITP logo is a registered trademark under license.

Printed in the United States of America 1 2 3 4 5 6 7 8 9 10

For more information, contact Wadsworth Publishing Company, 10 Davis Drive, Belmont, CA 94002, or electronically at http://www.thomson.com/wadsworth.html

International Thomson Publishing Europe

Berkshire House 168-173

High Holborn

London, WC1V 7AA, England

Thomas Nelson Australia

102 Dodds Street South Melbourne 3205

Victoria, Australia

Nelson Canada

1120 Birchmount Road Scarborough, Ontario

Canada M1K 5G4

International Thomson Publishing GmbH

Königswinterer Strasse 418

53227 Bonn, Germany

International Thomson Editores Campos Eliseos 385, Piso 7

Col. Polanco

11560 México D. F. México

International Thomson Publishing Asia

221 Henderson Road

#05-10 Henderson Building

Singapore 0315

International Thomson Publishing - Japan

Hirakawacho Kyowa Building, 3F

2-2-1 Hirakawacho

Chiyoda-ku, Tokyo 102, Japan

International Thomson Publishing Southern Africa

Building 18, Constantia Park

240 Old Pretoria Road

Halfway House, 1685 South Africa

All rights reserved. No part of this work covered by the copyright hereon may be reproduced or used in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or information storage and retrieval systems—without the written permission of the publisher.

Library of Congress Cataloging-in-Publication Data

Atchley, Robert C.

Social forces and aging: an introduction to social gerontology /

Robert C. Atchley. — 8th ed.

p. cm.

Includes bibliographical references and index.

ISBN 0-534-50460-4

1. Gerontology. 2. Aged—United States. I. Title.

HQ1061.A7798 1996

305.26 - dc20

96-9699



To get extra value from this book for no additional cost, go to:

#### http://www.thomson.com/wadsworth.html

thomson.com is the World Wide Web site for Wadsworth/ITP and is your direct source to dozens of on-line resources. thomson.com helps you find out about supplements, experiment with demonstration software, search for a job, and send e-mail to many of our authors. You can even preview new publications and exciting new technologies.

thomson.com: It's where you'll find us in the future.

## **Preface**

This book provides a comprehensive introduction to social gerontology—the emerging social science dealing with human aging. The book's major strengths are:

- Organization. The chapters and parts of the book flow logically, from basic aspects of individual aging and adaptation, to aging in everyday life, to the effects of aging on needs and resources, to society's response to aging.
- Flexibility. The section organization allows various parts of the text to be recombined to suit the preferences of the instructor. For example, the sections dealing with family caregiving from Chapter 8 (Family, Friends, and Social Support) could be combined with the sections on long-term care from Chapter 14 (Health and Long-Term Care) and assigned as a block.
- Coverage. Major areas of theory, research, social policy, and practice are covered in significant depth. Although additional readings are always helpful, they are not necessary for readers to gain a full appreciation of the scope of social gerontology.
- Conceptual clarity. Sound definitions and frameworks are used to organize and analyze the literature in various areas. Terms are carefully defined, giving teachers and students a clear common vocabulary.

- Analytical approach. Original works are succinctly described and then analyzed and placed in context with other work.
- Original research. In many areas, gaps in knowledge have been filled with original research. For example, the chapters on demography and social inequality draw heavily on my own examination of census data. Chapter 9 (Employment and Retirement) relies to a large extent on my own theory and research in that area.

In other areas, the lack of theory led to the development of new theoretical approaches. For example, theories about the dynamics of self in later life, types of interpersonal bonds, the retirement process, stages of retirement, spheres of activity, the continuity theory of adaptation to aging, and the economic functions of retirement were developed to consolidate bits and pieces of research evidence and deal with gaps in existing theory. Existing theories are also modified and extended. Modernization theory, life course theory, theories about adaptation to role loss, the theory of societal disengagement, and age discrimination theory are examples of theories that I have modified and extended to improve their explanatory power and stimulate research.

 Hot topics. Frequent revision of the book allows timely topics such as the effect of the Republicans' Contract with America and its agenda on provision of services to older Americans, ethical conflicts and issues related to aging, and the debate about Social Security and Medicare to be included in an up-to-date fashion.

For this new edition, the order of the chapters has been extensively reorganized in response to feedback from readers.

The material on personal adaptation to aging now follows the three chapters on physical, psychological, and social aging—basic aspects of individual aging. The material on needs and resources and health and social services has been consolidated and reorganized into three new chapters:

- Income and Housing (Chapter 13)
- Health Care and Long-Term Care (Chapter 14)
- Community Social Services (Chapter 15)

This reorganization places individual and social policy material about health and long-term care into a single chapter. The same is true for community social services. In the earlier editions, social policy concerns were covered in separate chapters, which many professors found awkward.

To acknowledge an important increase in scholarship and interest, there is an entirely new chapter:

■ Religion and Spirituality (Chapter 11)

There are new sections on:

- social factors in individual development (Chapter 6)
- adapting to chronic illness (Chapter 7)
- friendship patterns among the oldest-old (Chapter 8)
- those who reject retirement (Chapter 9)
- assisted living (Chapter 14)
- nursing home ombudsman programs (Chapter 15)

- elder abuse prevention and intervention (Chapter 15)
- aging as depicted in feature films (Chapter 16)
- ethical issues in aging (Chapter 16)
- dimensions of disadvantage Chapter 17)
- political trends (Chapter 19)
- social insurance (Chapter 19)
- structural lag theory (Chapter 20)

Heavily revised chapters include:

- The Scope of Social Gerontology (Chapter 1)
- The Demography of Aging (Chapter 2)
- Psychological Aspects of Aging (Chapter 5)
- Social Aspects of Aging (Chapter 6)
- Personal Adaptation to Aging (Chapter 7)
- Aging in Contemporary American Society and Culture (Chapter 16)
- Social Inequality (Chapter 17)
- Politics and Government (Chapter 19)

For this edition, the bibliography has been restricted to works specifically referenced in the text.

I am very grateful for the long-standing acceptance this book has received. To date, over 500,000 students have been introduced to social gerontology through previous editions of *The Social Forces in Later Life* (first through third editions) and *Social Forces and Aging* (fourth through seventh editions). These have included students from a wide variety of fields—sociology, psychology, home economics, nursing, social work, health, and adult development. The book has grown gradually larger, since its original publication in 1972, and the eighth edition bears little resemblance to the first.

I appreciate the many compliments and thank-yous I have received from both students and professors, and at the same time I accept the responsibility and challenge of working hard to see that Social Forces and Aging remains contemporary, and that it grows with the field of social gerontology. I am aided in this task by reviews commissioned by the publisher, but I also need your help. As you read, if you see errors or gaps in coverage, or if you think of topics that should be included or see an article that would be a particularly good research example, write to me. I cannot promise that I will agree with your point, but I want to know about it.

For the eighth edition, I was helped enormously in writing the new chapter on religion and spirituality by incisive and supportive reviews from Susan McFadden, Jeff Levin, and Gene Thomas. I also benefited from being part of the Omega Institute's Conscious Aging programs over the past three years. Finally, thanks to Rick Moody and Tom Cole for encouraging me to take on this difficult topic.

Reviewers for the eighth edition were Charlotte Dunham, Texas Tech University; Mary R. Holley, Montclair State University; Janet Hope, College of St. Benedict; David E. Redburn, Furman University; and Robbyn Wacker, University of N. Colorado.

Many colleagues have enriched, refined, and supported my intellectual and personal growth, including Bob Antonio, Bobby Applebaum, Sheila Atchley, Dick Campbell, Gloria Cavanaugh, Tom Cole, Steve Cutler, Ram Dass, Dave Ekerdt, Carroll Estes, Linda George, Lisa Groger, Joe Hendricks, Regula Herzog, Martha Holstein, Marty Jendrek, Bob Kastenbaum, Suzanne Kunkel, Powell Lawton, Jeff Levin, Chuck Longino, George Maddox, Pam Mayberry, Susan McFadden, Kathy McGrew, Hazel Markus, Vic Marshall,

Shahla Mehdizadeh, Meredith Minkler, Rick Moody, Leslie Morgan, Carol Ryff, Zalman Schacter, Warner Schaie, Carol Segrave, Millie Seltzer, Diana Spore, Debbie Stanley, Harvey Sterns, Lillian Troll, Cathy Ventura-Merkel, Larry Weiss, and Susan Whitbourne.

I owe special thanks to Dave Lewis, whose enthusiastic devotion to social justice, humanism, and social science attracted me to sociology and demography. Fred Cottrell served as my mentor for thirteen years. Wise and unselfish, Fred taught me that knowledge is most valuable when cast in a form that can be used to better people's lives. Millie Seltzer was a fountainhead of creativity and good humor, and it was my extraordinary good fortune to have her for a work partner and best friend for nearly thirty years. She exemplified the power of unwavering support. Sheila Atchley continues to teach me the value of having an equal partner with whom to experience all of life. Melissa Atchley is my connection to many new ways of looking at the world. Chris Atchley exemplifies hope and positive energy. Chris and Tara Miller radiate the power of love and basic human kindness. And through Carl Adlon and Nisargadatta Maharaj I learned who is creating and using all this knowledge. I have been truly blessed by all of these people.

I owe a tremendous debt to the staff of the Scripps Gerontology Center. Cheryl Johnson helped with many of the tables and figures in this book. Lisa Haston fended off the phone callers so I could concentrate on getting the book completed. Thelma Carmack, who has been with this book longer than anyone besides me, did her usual wonderful job with the bibliography. Their dedication, competence, and good humor are contagious. Finally, I would like to thank the many generations of students at Miami University for continuing to challenge me to grow and improve my understanding.

## **Contents in Brief**

#### Part 1

#### **Setting the Stage** / 1

- 1 The Scope of Social Gerontology / 2
- 2 The Demography of Aging / 20
- **3** The History of Aging in America / 46

#### Part 2

## **Basic Aspects of Individual Aging** / 75

- 4 Physical Aging / 76
- 5 Psychological Aspects of Aging / 92
- 6 Social Aspects of Aging / 133
- 7 Personal Adaptation to Aging / 158

#### Part 3

#### Aging in Domains of Everyday Life / 181

- 8 Family, Friends, and Social Support / 182
- 9 Employment and Retirement / 231

- 10 Activities and Lifestyles / 270
- 11 Religion and Spirituality / 294
- **12** Dying, Death, Bereavement, and Widowhood / 316

#### Part 4

## Aging Affects Needs and Resources / 335

- 13 Income and Housing / 337
- 14 Health and Long-Term Care / 366
- 15 Community Social Services / 398

#### Part 5

#### **Aging and Society** / 413

- 16 Aging in Contemporary American Society and Culture / 414
- 17 Social Inequality / 442
- 18 The Economy / 458
- 19 Politics and Government / 479
- **20** Epilogue: Aging and the Future / 508

Glossary / 535 Bibliography / 539 Index / 573

## **Contents in Detail**

Preface / xiii

Measuring Age Structure / 20
Population Pyramids / 20
Proportion of Older people / 22
Dependency Ratios / 23
Life Expectancy / 24
How Populations Age / 25
Growth of the Older Population / 26
Composition of the Older
Population / 27
Age and Sex / 28
Marital Status / 30
Education / 30
Income / 30
Implications / 32
Geographic Distribution of the Older
Population / 32
Living Arrangements / 34
Population Processes and the Older
Population / 36
Fluctuating Birthrates / 36
Changes in Mortality / 38
Migration / 39
Summary / 44
Chapter 3
The History of Aging in
America / 46
Modernization Theory / 47
Modernity: Central Ideas / 47
Aging and Modernization / 48
Aging in Colonial America / 50

Chapter 2

The Demography of Aging / 20

From the Revolution to the Civil War / 53 The Beginnings of Industrialization / 56 Civil War to 1900 / 57 Rise of Science / 57 Ideology of Material Progress / 58 Beginnings of Retirement / 59 Immigration / 60 1900 to 1929 / 60 Changing Ways of Doing Work / 61 Age Discrimination and Poverty / 62 The Great Depression / 64 The Spread of Poverty / 64 The New Deal / 64 1942 to 1965 / 66 Growth of Programs for Elders / 67 Inequities Amid Affluence / 67 1965 to 1980 / 68 Legislation on Behalf of Older People / 68 Research on Aging / 69 The 1980s / 69 Modernization Theory Revisited / 71 Summary / 72

#### Part 2

## Basic Aspects of Individual Aging / 75

#### Chapter 4 Physical Aging / 76

Why We Grow Older / 76

Genetic Functions / 78
Cross-Links and Free Radicals / 78
The Immune System / 79
Physiological Controls / 79
In Sum / 80
Physical Consequences of Aging / 81
Physical Energy / 81
Sleep / 81
Stature, Mobility, and Coordination / 82
Physical Appearance / 83
Other Physical Changes / 84
Aging and Physical Health / 85
Health Conditions / 86
Summary / 90

#### Chapter 5 Psychological Aspects of Aging / 92

Aging and Specific Psychological Functions / 92 Sensory Processes / 93 The Perceptual Processes / 96 Psychomotor Performance / 97 Mental Functioning / 99 Practical Implications of Research into Mental Functioning / 106 Drives, Motives, and Emotions / 110 Orientations: Time and Control / 113 Adult Development: Personality, Self, and Life Structure / 115 Stage Theories / 115 Process Theories / 118 Age Changes in Personality / 121 Age Changes in the Self / 122 Defending Personality and the Self / 124 When Defenses Fail / 125 Mental Disorders / 127 Summary / 130

#### Chapter 6 Social Aspects of Aging / 133

Defining Social Aging / 133 Social Roles / 133 Aging Affects Social Roles / 134 Cumulative Effects / 136 The Cultural Life Course / 136 Dimensions of the Life Course / 138 Age Norms / 138 Decision Demands / 141 Socialization and Acculturation / 141 Role Anticipation and Adaptation / 143 Social Factors in Individual Development / 144 Aging and Changes in Social Context / 145 Role Changes / 145 Changes in Groups / 151 Changes in Environments / 151 Lifestyles / 152 Summary / 155

#### Chapter 7 Personal Adaptation to Aging / 158

What Is Adaptation? / 158 General Ways to Adapt / 159 Specific Adaptations / 163

Adapting to Changes on the Job / 163 Adapting to Less Income / 163

Adapting to Chronic Illness and Disability / 164

Adapting to Increased Dependency / 165
Adapting to Lost Roles or Activities / 166
Coping with Threats to Self-Concept and
Self-Esteem / 168

Adapting to Positive Changes in Roles and Life Goals / 171

Escape Rather Than Adaptation / 171 Isolation / 172

Use of Alcohol / 173

Drug Abuse / 174

Suicide / 174

Effective Adaptation / 175

Summary / 178

#### Part 3

## Aging in Domains of Everyday Life / 181

#### Chapter 8 Family, Friends, and Social Support / 182

Types of Bonding / 182 Family / 183

> Demographic Factors / 184 Couplehood / 186 Other Types of Couples / 195

Older People Not in Couples / 196

Older Parents and Adult Children / 197

Adult Children as Caregivers / 208

Siblings and Other Kin / 214

Family Caregiving / 216 Grandparenthood / 219

Friends / 223

Factors Influencing Friendship / 223 Approaches to Friendship / 224 Changes in Friendship / 225 Social Support / 227 Summary / 228

#### Chapter 9 Employment and Retirement / 231

Midlife Career Changes / 232
Declining Labor Force Participation in

Middle and Later Life / 233

Employment Problems of Older

Workers / 235

Age Discrimination / 235

Labor Market Problems / 237

Disability / 239

Bridges to Retirement / 241

Retirement / 241

The Link Between People and Jobs / 242
The Evolution and Institutionalization of

Retirement / 243

The Retirement Process / 245

Aging and Attitudes Toward Jobs and

Employment / 245

Attitudes Toward Retirement / 246

Retirement Preparation / 247

The Decision to Retire / 249

Who Does Not Retire? / 254

Retirement as an Event / 254

Retirement as a Role / 255

Phases of Retirement / 256 Effects of Retirement on Individuals / 259

Situational Consequences / 262

Personal Adjustment / 265

Differences by Race and Gender / 266 Summary / 267

#### Chapter 10 Activities and Lifestyles / 270

Concepts about Activities / 271

Community and Activities / 272

Activities in Middle Adulthood / 274

The Meaning of Activity / 274

Activity Competence / 275

Gender, Social Class, and Ethnicity / 275

Aging and Changes in Activities / 276 Completion of Child Rearing / 278

Retirement / 278

Widowhood / 279
Physical Aging / 280
Increasing Disability / 280
A Move to Congregate Housing / 280
Institutionalization / 281
Spheres of Activity / 281
The Job / 281
Community Organizations / 282
The Home / 290
Special Activities / 291
What Activities Are Desirable for Older People? / 291
Summary / 292

#### Chapter 11 Religion and Spirituality / 294

Concepts and Language / 296
Organized Religion / 297
Attending Religious Services / 300
Informal Religious Behavior / 301
Subjective Elements of Religion and
Spirituality / 302
Conceptions of Spiritual
Development / 305
Effects of Religion and Spirituality / 308
Research Issues / 311
Summary / 313

#### Chapter 12 Dying, Death, Bereavement, and Widowhood / 316

Widowhood / 316

Defining Death / 317

The Meaning of Death / 318

Dealing with Dying / 320

The Role of the Dying Person / 320

Stages of Dying / 320

Needs and Tasks of the Dying Person / 321

Permitting People to Die / 322

Care of the Dying / 322

Bereavement / 324

Death of a Spouse / 326

Being a Widow / 326

Being a Widower / 330

Comparisons Between Widows and

Widowers / 331

Summary / 332

#### Part 4

## Aging Affects Needs and Resources / 335

#### Chapter 13 Income and Housing / 337

Income / 337 Income Distribution / 337 Income Needs / 338 Income Sources / 342 Who Has Income Problems? / 347 What Can Be Done? / 350 Housing / 350 Relocation / 352 Housing Alternatives / 354 Relocation Problems Within Group Housing / 358 Retirement Housing / 359 Retirement Nomads / 360 Types of Housing Problems / 361 Who Has Housing Problems? / 362 Summary / 363

#### Chapter 14 Health and Long-Term Care / 366

Health Care / 366

Health-Care Needs / 366 Types of Health-Care Problems / 369 Problems with Financing Health Care / 372 Who Has Health-Care Problems? / 376 What Needs to Be Done? / 376 Long-Term Care / 377 Who Has Problems? / 378 What Can Be Done? / 380 Health and Personal Care Service Integration / 381 Models of Service / 381 Patient and Client Flow / 383 Financing Health-Care Services / 384 Medicare / 385 Medicaid / 386 Private Insurance / 387 Gaps in Financing for Health Care / 388 The Structure of Advocacy / 388

Regulation of Health and Long-Term Care / 390 Regulating the Quality of Care / 390 Regulating the Cost of Care / 392 Health Planning / 394 Summary / 395

#### Chapter 15 Community Social Services / 398

Community Facilities That Serve Older
People / 398
Services / 399
The Organization and Financing of Social
Services / 407
The Older Americans Act / 407
Social Services Block Grants / 409
Summary / 410

#### Part 5

#### Aging and Society / 413

#### Chapter 16 Aging in Contemporary American Society and Culture / 414

The Nature of Society and Culture / 414
Ideas about Aging / 416
Language / 416
Values / 417
Beliefs / 419
Stereotypes / 420

Aging as Portrayed in Mass Media / 423
Age Prejudice and Discrimination / 431
Exchange Theory and Age
Discrimination / 432
Societal Disengagement / 433
Atrophy of Opportunity / 434
Age Stratification / 435

Ethics, Law, and Aging / 438
Biomedical Ethics / 438

Summary / 440

#### Chapter 17 Social Inequality / 442

Social Class / 442

Class Differences in Aging / 443
Dimensions of Disadvantage / 446
Race / 446
African Americans / 447
Asians and Pacific Island Americans / 452
Native Americans / 452
Ethnicity / 453
Hispanic Americans / 454
Gender / 454
Multiple Jeopardy / 456
Social Structure and Life Chances / 456
Summary / 457

#### Chapter 18 The Economy / 458

Economic Ideology / 458 Economic Structure / 459 The Economic Functions of Retirement / 460 The Economics of Retirement Income / 460 Sources of Retirement Income / 461 Retirement Income Issues / 464 The Tax System / 464 Retirement Income in the Future / 466 Is Aging Responsible for Our Economic Woes? / 469 Private Enterprise and the Aging Population / 470 Aging People as Consumers / 472 Economic Exploitation of Elders / 475 Summary / 477

## Chapter 19 Politics and Government / 479

Overview / 479

Political Activity / 482
Political Opinions / 482
Party Affiliation / 484
Voting / 484
Holding Political Office / 485
Political Influence / 486
Older People as an Interest Group / 486
Advocacy for Older People / 488
Political Legitimacy and Utility / 490
Political Trends / 491

#### xii Contents in Detail

Social Insurance / 495
The Politics of Social Security / 497
Lessons from the Medicare Catastrophic
Coverage Act / 499
Government Response to Issues
Concerning Aging / 501
Making Policy / 503
Summary / 506

Chapter 20 Epilogue: Aging and the Future / 508

Directions of Social Change / 508 Demographic Clues to the Future / 512 The Future of Physical Aging / 514 The Impact of Biomedical Research / 514 Changing Patterns of Death and Illness / 515 Impact of the Wellness Movement / 515
The Future of Psychological Aging / 517
The Future of Social Aging / 519
Society's Future Response / 523
Major Policy Issues for the Future / 524
The Future of Social Gerontology / 528
Research / 528
Education and Training / 529
Jobs / 530
Summary / 530

Glossary / 533

Bibliography / 537

Index / 573

## Part 1



## Setting the Stage

This book is an introduction to *social gerontology*, the discipline devoted to the study of the nonphysical aspects of human aging. As you will see, social gerontology covers a wide range of topics. Most of the book deals with up-to-date, factual information and current perspectives on aging. Part 1, consisting of three chapters, provides a context for this material.

Chapter 1 describes the *scope* of social gerontology: the general subjects included in social gerontology, how aging and the older population are defined, and some of the broad issues involved in the study of aging. Chapter 2 presents the *demography* of aging. It covers how aging becomes widespread in a population and how population aging is measured. It then considers the growth of the older population in the United States as well as its size, composition, geographic distribution, mobility, and life expectancy. Chapter 3 is a *historical overview* of aging in the United States, from colonial times to the present. Because aging today is often contrasted with aging in earlier times, it is important that such comparisons be based on fact rather than myths about "the good old days." A knowledge of history also helps us better understand how contemporary society works. Together, these three chapters provide the background needed for the study of present-day social gerontology.

# 1 The Scope of Social Gerontology

The process of AGING\* has been around as long as life itself. Provided, of course, that illness or violence does not end life before its genetically programmed span, all living organisms pass through three broad stages from conception to death: maturation, maturity, and aging. And even though the average length of human life in most societies did not extend into "old age" until the twentieth century, there have been old people on earth for thousands of years.

Although biology forms the primary basis of aging, the *significance* of aging is largely social. Physical changes associated with aging, such as declining eyesight or graying hair, have little significance except as they relate to what is expected of people. For example, declining eyesight is only a problem if it (1) cannot be corrected and (2) interferes with a person's ability to function normally. And gray hair is significant only because it is used conceptually to assign people to a particular social category. Thus, we need to consider not only what aging does to us but what we do with aging.

Aging also influences how a society or group is itself viewed. We speak of an "aging society" when the average age of its members is increasing. "The graying of America" is not about individuals who are aging but about the United States as a whole.

Aging affects everyone because nearly everyone has the potential to grow old and all the groups in which we live have older members. But although aging has always been a part of human life, the systematic study of aging, especially its social aspects, is relatively recent. For example, the Gerontological Society of America—an organization of researchers, practitioners, and educators interested in aging-was not founded until 1945. The behavioral and social sciences section was not established until 1956, and social gerontology as a concept was not developed until the late 1950s (Tibbits 1960. 3). However, since 1960, research on aging has expanded so rapidly that in 1990 there were research and education on social aspects of aging at more than 1,300 colleges and universities in the United States alone.

#### What Is Gerontology?

Gerontology is the use of reason to understand aging. The term was first used to refer to the scientific study of aging, but contemporary usage also includes the study of aging using methods from various other disciplines, such as humanities, social policy, and human services. For us to understand and cope with aging, knowledge from a variety of sources is needed. Thus, gerontology includes the results of research on aging from all academic disciplines and fields of

<sup>\*</sup>All boldfaced terms are defined in the Glossary.

professional practice. Biologists study the effect of age on the body's immunity to disease. Physicians search for effective ways to treat disease in older people whose immunity has been reduced. Psychologists study changes in bodily coordination with age. Occupational therapists search for ways to retrain older people whose coordination is impaired. Economists study income requirements of middle-aged and older people. Retirement counselors gather information about how to stretch retirement income. Sociologists study how aging affects social roles. Recreation workers develop ways to help older people get involved in new roles. The list goes on. Almost every area of study or practice that deals with people or their needs has a branch that is devoted to aging. And all these branches of all these fields come together under the label of gerontology.

There are four interrelated aspects to the study of aging: physical, psychological, social psychological, and social.

- The study of physical aging examines the causes and consequences of the body's declining capacity to renew itself; the physical effects of bodily aging; and the means for preventing, treating, or compensating for illness or disability caused by or related to physical aging.
- The study of psychological aging focuses on sensory processes, perception, coordination, mental capacity, human development, personality, and coping ability as they are affected by aging.
- Social psychological aging focuses on the interaction of the individual with his or her environment and includes such topics as attitudes, values, beliefs, social roles, self-image, and adjustment to aging.
- Social aging refers to the nature of the society in which individual aging occurs, the influence that society has on its aging individuals, and the impact aging individuals

have on their society. Social aging also includes interactions among society's various social institutions, such as the economy or health care, as they apply to the needs of an older population. Society as used here is not a single thing. The word refers to the shared ideas and common actions of the residents of a nation. and it includes messages in the mass media, common beliefs, typical ways that people solve problems, laws and regulations, administrative procedures, ideologies, and a host of other factors. Society does not act as a unit but as a loose structure of individuals, each with a slightly different view of beauty, truth, and goodness. Resist the trap of thinking of society as a single entity capable of singleminded action.

#### Social Gerontology

All four aspects of aging are so interrelated in everyday life that it is often difficult to distinguish one from another. Yet subdividing gerontology is useful for the systematic study of aging. **Social gerontology** is the subfield of gerontology that deals primarily with the *nonphysical* side of aging. Physical aging interests social gerontologists only as it influences the ways individuals and societies adapt to one another. Yet, because physical aging is at the root of all aspects of aging, social gerontologists need to understand as much as they can about it.

#### What Is Human Aging?

Aging is a broad concept that includes physical changes in our bodies over adult life, psychological changes in our minds and mental capacities, social psychological changes in what we think and believe, and social changes in how we are viewed, what we can expect, and what is expected of us.