

# INDEX

Page references to entire articles are in **boldface**. Persons are indexed only when there is a substantial reference to them or a substantial quotation by them. Photos are indicated by a page number in italics, figures are indicated by a page number followed by the letter *f* in italics, and tables are indicated by a page number followed by the letter *t* in italics.

## A

- AAA proteins, 984  
 AARP, 485, 730, 1111, 1478–1479  
 Abasic site, DNA repair, 372  
 Abdominal aortic aneurysm. *See* Aneurysm, abdominal aortic  
 ABL proto-oncogene, 174  
 ABO blood group, as DNA polymorphism, 208–209  
 Absorption, drug, 379  
*Abstracts in Social Gerontology*, 1137  
 Abstract thinking, 926  
 Academic (practical) intelligence, 720–721  
 Accelerated aging  
   definition of, 4  
   *See also* Animal models of accelerated aging; Progeroid syndromes, human  
 Accessory apartments/units (granny flats), 655–656, 667, 811  
 Accommodation, requirements of Americans with Disability Act, 57–59  
*ACE gene*, as longevity assurance gene, 550, 550*t*  
 ACE inhibitors. *See* Angiotensin converting enzyme (ACE) inhibitors  
 Acetylcholine, 911, 912, 994–995  
 Acetylcholine deficiency, 385  
 Acetylcholinesterase inhibitors, 328, 331  
 Acne, 1275  
 Aquinas, Thomas, 1383  
 Acquired immunodeficiency syndrome (AIDS), 207, 208  
   older adults, 1269  
   Sub-Saharan Africa, 1371  
 Acrophobia, 78  
 ACTH, aging and, 986  
 Actinic keratoses, 1275  
 Activities of daily living (ADL)  
   basic, 517–518  
   comprehensive geriatric assessment of, 89  
   definition of, 517  
   frail elders requiring assistance with, 509  
   house design and, 676  
   increased need for assistance with, from age 70–85, 495–496, 495*t*  
   instrumental, 518  
   surveys of, 1401–1402  
   *See also* Functional ability  
 Activity theory, 1428  
 Actuarial present values (APV), 1053  
 Adams, Rebecca G., 509–511  
 Adaptive immunity  
   age-related changes, 688, 695, 696  
   main characteristics of, 695  
   types of immune response in, 688  
 Additive gene variance, 463  
 ADEA. *See* Age Discrimination in Employment Act (ADEA)  
 Adiposity  
   measurement of, 1018  
   *See also* Obesity  
 Adkins, Janet, 1385  
 Administration on Aging (AoA), **8–10**  
   administration of Older Americans Act by, 8  
   careers in aging fostered by, 181  
   functions of, 485  
   funding of, 9  
   future of, 10  
   history and development of, 8–9  
   Internet resources, 730–731  
   organizational challenges to, 9–10  
   personnel of, 9  
   Web site, 502, 1003  
 Adolescents, developmental tasks, 341–342  
 Adrenal glands, glucocorticoid production in stress response, 1347  
 Adult day care, **11–14**  
   benefits of, 11  
   characteristics of participants in, 12  
   day hospitals vs., 313

- Adult day care (cont'd)  
 definition of, 11  
 facilities for, 11-12  
 funding sources, 13  
 goals of, 12  
 operating costs, 13  
 public, in Israel, 738  
 as requirement of PACE  
 program, 588  
 selecting of, 13-14  
 services offered, 12, 827  
 social and medical care models  
 for, 12  
 veterans care, 1462
- Adulthood, developmental tasks,  
 342
- Adult progeria (Werner  
 syndrome). *See* Werner  
 syndrome (adult progeria)
- Adult protective services, **14-17**  
 Area Agencies on Aging  
 programs, 1309  
 conferences and demonstration  
 projects on, 14-15  
 current status of, 15-16  
 elder abuse as focus of, 14, 15  
 funding for, 16  
 history of, 14-15  
 issues and trends in, 16-17  
 principles of, 16  
 state programs, 16
- Advance directives for health  
 care, **18-20**  
 autonomy expressed by, 99  
 Do Not orders, 20  
 durable power of attorney for,  
 18, 447  
 enforcement of, 19-20  
 in estate planning, 447  
 institutional policies and  
 procedures for handling,  
 20  
 instruction directives, 19  
 Internet resources, 20-21  
 legal mechanisms for, 18  
 proxy directives, 18-19  
 restrictive statutes in, 19  
 stroke and, 1364
- Adverse drug reactions. *See*  
 Drugs
- Advertising  
 ageism in, 38, 682-683  
 baby boomers as change agents  
 for, 39  
 youth-centered, 38, 682
- Aerobic exercise. *See*  
 Cardiovascular endurance  
 training
- Affect. *See* Emotion
- Affective optimization, 419
- Affect tactile sensitivity, 1435
- Africa. *See* Africa, Sub-Saharan
- African Americans  
 Apolipoprotein E, epsilon 4  
 allele (ApoE4) prevalence  
 in, 539  
 baby boomers, 107  
 cancer risk in, 538  
 caregiving role, 186, 187  
 characteristics of, 310  
 coresidence patterns among,  
 286, 288  
 educational levels of, 400, 403f  
 employee health insurance  
 coverage, 424  
 employment rates by gender  
 and age groups, 434-435,  
 435f  
 grandparenthood and, 577-578  
 graying of hair, 585  
 homelessness, 647  
 homicide victimization, 299,  
 299t  
 housing inequality, 709  
 intergenerational exchanges  
 among, 726  
 life expectancy of, 528-529, 821  
 mortality patterns, 308-309  
 organizations for care of  
 elderly, 1307  
 pension coverage and assets,  
 1194-1195  
 percentage of U.S. population,  
 309-310  
 population aging of, 1115  
 privatization of Social Security  
 and, 1299  
 religious participation among,  
 1179  
 retirement decision making  
 and, 1194  
 retirement patterns, 1203  
 Social Security income, 94  
 social support, 1316  
 wealth distribution, 91t, 92, 92t  
 widowhood, 1496-1497  
*See also* Cultural diversity;  
 Ethnic groups
- Africa, Sub-Saharan, **1370-1373**  
 age and generation as  
 organizational principle,  
 1344  
 definition of older persons,  
 1370  
 economic situation of older  
 persons, 1371-1372  
 pension system in, 1056  
 policy and practical  
 implications, 1373  
 population aging in, 1371
- respect for elders, 1372  
 sex ratio in, 528, 529f  
 social situation of older persons,  
 1372  
 status of elderly men, 1335  
 vulnerability of elders,  
 1372-1373
- Age, **21-24**  
 chronological, for  
 conceptualization of age,  
 21-22, 1338  
 cultural, 1338  
 cultural construct of, 1342  
 definition of, in preindustrial  
 west, 1338  
 functional old age, 1338  
 as indication of time passage,  
 21-22  
 inequality related to, 706-707  
 power and status associated  
 with, 707-708  
 relevance to large- and small-  
 scale societies, 22  
 stylized divisions of, in  
 preindustrial west,  
 1338-1339  
 as (data) variable, 23-24  
*See also* Age categories
- Age-based rationing of health  
 care, **24-27, 25**  
 critique of rationing proposals,  
 26-27  
 debate over, 24-25, 31  
 economic arguments, 25-27  
 informal rationing by  
 physicians, 25  
 philosophical arguments, 26  
 reasons for rationing, 25-26  
 social and moral costs, 27  
 worthiness of older people and,  
 27  
*See also* Ageism; Euthanasia;  
 Intergenerational justice
- Age categories  
 age grades, 22  
 laws and regulations using age  
 as criteria, 23, 37  
 life course and age  
 organization, 22-23  
 social aging and, 46-47
- Age discrimination, **28, 28-32**  
 age as leveler of, 308  
 driving and, 31  
 employment discrimination,  
 28-30, 37  
 favoring elders, 28  
 health care discrimination,  
 30-31  
 minority groups, 308

- negative linguistic ageism, 758–761
- social segregation as, 31
- See also* Age-based rationing of health care; Ageism; Age integration and segregation; Job performance
- Age Discrimination in Employment Act (ADEA)
- administered by Equal Employment Opportunity Commission, 28, 487
- amended by Older Workers Benefit Protection Act of 1990, 430
- court decisions defining scope of, 29
- job categories excluded from, 29
- legal procedures for filing charges under, 29
- mandatory retirement age, 1059
- progress against ageism related to, 38
- provisions of, 28–29
- Age grades, 22
- Age integration and segregation, **32–35**
- advantages and disadvantages of, 34–35
- age classed life course and, 22–23
- age discrimination and, 31
- continuing care retirement communities, 279–280
- definitions of, 32
- future trends in, 35
- historical changes in, 32–33
- intergenerational skills exchanges and, 34
- social problems caused by, 33
- work place changes and, 33–34
- See also* Age-segregated housing
- Ageism, **36–39**
- in advertising, 682–683
- definition of, 36
- evolution of, 38–39
- existence in American culture, 37–38
- media's role in supporting, 38
- origin of term, 757
- stereotypes about age and elders, 36–37
- ways for reducing, 39
- See also* Age discrimination; Criminal victimization of elderly; Elder abuse and neglect; Images of aging; Language about aging
- Ageist language, 758–759, 760*tt*, 761
- Agencies on aging, federal. *See* Federal agencies on aging
- Age norms, **40–42**
- behavior and, 41–42
- consequences of being off-time, 42
- continuing controversies, 42
- definition of, 40
- formal and informal, 40
- variation in, 41
- age1* gene, 550*t*, 551, 1240
- Age-period-cohort model, **43–45**
- age effect in, 43
- cohort succession and, 43–44
- goal of, 43
- period effects in, 43
- social change theories and, 43
- social movements with lasting effects, 43, 44
- See also* Aging; Cohort change
- Age-related disease
- molecular therapy for, 945–948, 946*t*
- See also* Chronic disease; Illness
- Age-segregated housing, **662–665**
- activity level of elders in, 663
- attitude of elders toward aging and, 663
- controversies about, 662–664
- example of congregate housing as, 663
- future trends in, 665
- types of, 664–665
- See also* Age integration and segregation; Long-term care; Retirement communities
- Age stratification perspective, in social theory, 1430–1431
- Aggregate savings, life-cycle hypothesis, 872
- AGHExchange, 1136
- Aging, **45–48**
- biology of, 130–133
- cellular aging of fibroblasts, 1087–1090
- coldness and dryness as symbol for, in ancient world, 1330–1331
- deconditioning vs., 320
- developmental tasks, 342
- equalizing effect of, 45
- exercise for retarding, 468–469
- fear of death and, 37
- free-radical theory of, 371, 696–697, 939
- genetics and, 798–799
- geologic deep time and, 45–46
- gerontological perspectives on, 565–566
- heart aging, 1092, 1094–1097, 1096*f*
- immunologic aspects, 692
- language about, 757–761
- life course perspective on, 776
- life-span development, 792–795
- literature and, 803–808
- lung function and, 861–862
- measuring human aging, 46–47
- medicalization of, 883–886
- memory and, 917, 989
- metaphors of, 47–48
- mitochondria and, 930–931, 943
- molecular biology of, 942–943
- neotenic, postnatal development of humans and, 46
- neurobiology and, 146–147, 977–979
- neuroendocrine system and, 985–986
- neuroendocrine theory of, 985
- neuropsychological changes, 992–993
- oldest old, 1030–1031
- organized political action, 1110–1112
- plasticity and, 1105
- primary aging, 792
- productive aging, 1130–1132
- professional organizations, 1133–1138
- prostate, changes in, 1143–1145
- psychotherapy, 1151–1154
- rates of, 45–46, 1352
- reduction of resources and, 1257
- secondary aging, 792–793
- skeletal muscle and, 1099
- social aging, 46–47
- structure of life course and, 47
- successful aging, 1087, 1374–1377
- tempo of living vs. life span, 46, 133
- usual vs. successful, 1374
- See also* Biomarkers of aging; Cellular aging; Successful aging; Theories of biological aging