

## Index

Locators in **bold** refer to tables; those in *italic* to figures

- AB5C (abridged Big Five circumplex) model 122–124, *124–127*  
 abnormalities *see* mental health disorders  
 absenteeism  
   agreeableness 342  
   behavioral economics **482**, 483  
   counter-productive work behavior 431–432  
 absolute stability over life span 170–173, **172**  
 academic performance 252, 439–440; *see also* educational psychology  
 accuracy research 45–46; *see also* interpersonal accuracy  
 achievement motivation 22, 416–417, **417**  
 actor-partner interdependence model (APIM)  
   social relations 390, 394  
   state-trait interactions and transactions 59–60, *64*  
 adaptations 224; *see also* evolutionary perspectives  
 adaptive state-dependent behavior  
   animal personality studies 241  
   depressed affect 321–322  
 adaptive value, anxiety and depression 365, 370; *see also* evolutionary perspectives  
 ADHD *see* attention-deficit hyperactivity disorder  
 adjustment 19–20  
 adolescence  
   peer relations 389–390  
   personality development 171–176  
 Adult Attachment Interview (AAI) 211  
 adulthood  
   personality development 172–173, 176  
   social relations and personality 390–392  
 affects  
   and actions 318  
   approach–avoidance behavioral loops 318  
   depressed affect 321, 321–322  
   empathic accuracy 50–51  
   feedback loops 317–318  
   positive affect and coasting 318–319  
   priority management 319–320  
   *see also* emotional processes  
 affiliation 276  
   need for 331  
 affiliative extraversion 276  
 age changes in personality *see* continuity over life span  
 agency metaconcept 120–121, 123  
 agentic extraversion 276  
 aggregate personality scores  
   national character stereotypes 135–136, *137*  
   statistical software 512–513  
 aggression  
   animal personality 239, 241  
   condition-dependent psychological mechanisms 227  
   and conscientiousness 390  
   and crime 470, **471**  
   state-trait interactions and transactions 59, 59  
 agreeableness 31–32  
 ADHD 188  
 biological perspectives 169–170  
 counter-productive work behavior 431–433, 483  
 crime 464–465, 467–470, **469**, 472, 474  
 cross-cultural perspectives 120  
 development over life span 171–172, **172**, 174  
 educational psychology 441  
 and emotional dispositions 87  
 and health/longevity 34  
 influence of personality across life span 386  
 and intelligence 142–145  
 interpersonal accuracy 48–49  
 and job performance 429–430  
 narrative identity 382–383  
 peer relations, childhood and adolescence 389  
 personality neuroscience 279–281  
 personality structure models 123  
 politics and personality 416, 418  
 psychopathology 183, 186  
 sex differences in personality 39  
 social relations model 393  
 social support 388–389  
 socialization of children 387  
 and substance abuse 131, 187–188  
 and temperament 158  
 transactional models 391  
*see also* Five-Factor Model  
 alcohol consumption in relation to personality 187–188  
 ALDH2\*2 (aldehyde dehydrogenase) gene 253–254  
   Allport, Gordon 14, 17  
   alternative five-factor personality model 119, 275–276  
 ambitiousness, approach motivation scales 265  
 amygdala 159, 278–279, 369  
 ancestors and descendants framework, behavioral economics 486–488  
 anger  
   condition-dependent psychological mechanisms 227  
   and conscientiousness 390  
   coping styles 92  
   counter-productive work behavior 432

- anger (cont.)  
 infant, and parental personality 387  
 mortality risks 199  
 personality models 276–277  
 animal personality 5, 19, 235–236, 243  
 anxiety and depression 370  
 cognitive behavioral approach 241–242  
 coping responses 239, 242  
 development over life span 242–243  
 field versus laboratory studies 240  
 future research directions 241–243  
 genetics 236, 238, 242  
 group dynamics 239–241  
 historical perspectives 236  
 importance of research 237  
 individual differences in personality 237, 237  
 insights from human personality studies 237–239  
 plasticity 241  
 spillover hypothesis 239  
 statistical analysis 240  
 terminology 236  
 theoretical perspectives 240–241  
 trait approach 33  
 anterior cingulate cortex (ACC) 159  
 anthropological cross-cultural studies 400–401  
 antisocial behavior (ASB) 463–464, 470, **471**  
 behavioral economics 478  
 meta-analyses of relation with personality 466  
*see also* crime  
 antisocial personality disorder (ASPD) 453–454  
 anxiety 75–76, 261–262  
 attachment-related 211–215  
 attention, concentration and focus 302–303  
 attentional bias 304–305  
 avoidance motivation 267, **267**  
 cognitive biases 369  
 cognitive psychology 295, 299–300  
 coping styles 91  
 educational psychology 444–445  
 functional framework 365  
 future orientation 365–366  
 memory 305  
 overlap with fear dimension 278  
 personality neuroscience 276  
 personality structure models 118  
 physiological hyperarousal 366  
 in relation to personality traits 185–187  
 anxiety-depression comparisons/commonalities 6–7, 364–365, 371  
 anxiety-specific cognitive processes 369  
 attentional bias 366–367  
 cognitive bias modification 370–371  
 cognitive biases overview 366–368  
 cognitive processes overview 368–371  
 content-specificity hypothesis 366–367  
 depression-specific cognitive processes 369–370  
 direction of causality 370  
 discriminant validity 364  
 evolutionary perspectives 370  
 functional framework overview 365–366  
 interpretive bias 366–368  
 memory bias 366, 368  
 negative affectivity 364, 366  
 tripartite model 366  
 APIM *see* actor-partner interdependence model  
 applied personality psychology 7–8; *see also* behavioral economics; crime; educational psychology; mental health disorders; work and organizational psychology  
 appraisal theory of emotion 82, 88, 90  
 approach motivation scales 264–266  
 approach–avoidance behavioral loops 318, 321  
 depressed affect 321  
 dual process models of functioning 322–324, 323  
 impulse and constraint balance 322  
*see also* self-regulation of behavior  
 approach–avoidance theories 5–6, 259–260, 268  
 anxiety and fear-related traits 267, **267**  
 approach motivation scales 264–266  
 avoidance motivation 266–267, 267, **267**  
 critique of arousal-activation theory 261–262  
 educational psychology 442, 447  
 emotions 89  
 feedback loops 316  
 hierarchical model of traits 264, 264  
 historical perspectives 260  
 horticultural metaphor 259  
 inferential hazard 259–260  
 joint subsystems hypothesis 263  
 learning theories 260–261  
 measures 267–268  
 paradoxical effects of arousal 263  
 reinforcement sensitivity theory 262–264  
 states and traits 261  
 theoretical perspectives 260–261  
*see also* behavioral approach-behavioral inhibition model; reward-seeking behavior; threat systems  
 archetypes 15  
 area under the curve (AUC), statistics 505, 506, 528  
 Aristotle 169  
 arousal  
 anxiety states 366  
 attention, concentration and focus 302  
 cognitive psychology 300  
 paradoxical effects 263  
 arousal-activation theory, critiques 261–262; *see also* PEN model  
 ascending reticular activating system (ARAS) 262  
 personality structure models 118  
 and temperament 156  
 assessment instruments 3–4, 103–109  
 incentive motivation 485  
*see also* measures of personality  
*Attachment in Adulthood* (Mikulincer & Shaver) 208  
 attachment styles 211  
 attachment theory 5, 208, 216  
 behavioral systems model of motivation 208–210  
 cross-cultural studies 407–408  
 defensive responses 213–215  
 dependent personality disorder 454  
 developmental perspectives 213  
 individual differences 210–211  
 internal working models 210–213  
 optimal functioning/adjustment 215–216  
 social support 389  
 attainment value, expectancy-value model 443–444  
 attention deficit hyperactivity disorder (ADHD)  
 changes in personality 178  
*DRD4* gene 161  
 in relation to personality traits 188  
 Attention Network Test (ANT) 159  
 attentional bias (selective attention)  
 anxiety and depression 366–367, 370  
 cognitive psychology **301**, 303–305  
 threat 297, 304–305, 309  
 attentional control  
 anxiety-specific cognitive processes 369  
 cognitive psychology 301–303, **301**

- depression-specific cognitive processes 369–370  
 interventions/treatments 371  
 and temperament 157, 159, 162  
 attention-directing function, emotions 83  
 authoritarianism 20, 414–415  
 automatic emotional appraisals 82, 319–320  
 automatically activated beliefs 71; *see also* unconscious elements of personality  
 avoidance 266–267  
   anxiety and fear-related traits 267  
   attachment-related 211–215  
   *see also* approach–avoidance theories  
 awareness levels 70; *see also* unconscious elements of personality
- bagging methods, statistical learning theory 514  
 balancing selection 227–228  
 Balloon Analogue Risk Task 306  
 bargaining games 478–479, 479  
 basic desires 89  
 basic psychological needs theory 331  
 beauty criterion, personality structure models 124–125  
 behavior **16, 22**  
   animal personality 238  
   historical perspectives 15–16  
   and implicit/indirect measures 76–77  
   problem behaviors 324–325  
   *see also* prediction of behavior; self-regulation of behavior  
 behavioral approach-behavioral inhibition (BAS-BIS) model 2, 262–263  
   emotions 89  
   Five-Factor Model 134  
   personality neuroscience 275  
   personality structure models 118, 118  
   and temperament 156  
   temperament 157–158  
   *see also* reinforcement sensitivity theory  
 behavioral economics 8, 477, 488–489  
   ancestors and descendants framework 486–488  
   bargaining games 478–479, 479  
   changes in personality 484, 488  
   construct validity of preferences 480–481  
   cooperative phenotypes 480  
   curvilinear functions 484–485, 488  
   dark triad 478  
   direction of causality 485–486, 488  
   dynamic factor models 486  
   economic preferences 477–480  
   future research directions 488  
   identification problem 485  
   instrumental variables 486  
   macrolevel outcomes 481–483, **482**  
   mediators 487  
   prosociality 477–480, 478  
   punishment games 479–480, 481  
   social dilemmas 479, 481  
   taxonomic models 484  
   *see also* preferences  
 behavioral residues, interpersonal accuracy 48–49  
 behavioral situation management strategies 65  
 behavioral syndromes, animal personality 236–237  
 behavioral systems model, attachment 208–210, 216  
 beliefs  
   automatically activated 71  
   and emotions 89–90  
   self-concepts 343–345  
 benevolence, value-orientations 416–417, **417**  
 bereavement, medical syndrome model 193  
 Berlin Speed Dating Study 60–61, **61**  
 bias *see* cognitive bias  
 bidirectional bargaining games 478–479, 479  
 Big Five personality traits *see* Five-Factor Model  
 Binet, Alfred 17  
 biodata, personality assessment 105–106  
 biological perspectives 5–6, **16, 19**  
   critique of arousal-activation theory 261–262  
   development over life span 4, 169–170  
   Five-Factor Model 131, 134–135  
   historical 17  
   personality structure models 118  
   trait approach 33, 39  
   *see also* genetics of personality; personality neuroscience  
 biomarkers, health outcomes 195, 198  
 biophysical level of organization 2  
 biopsychological approach, cognitive psychology 299  
 biopsychosocial model, physical health 193  
 black box methods, statistical learning theory 514  
 blood-oxygen-level dependent (BOLD) signal 274  
 body–mind connection 23–24  
 boldness, animal personality 238–239  
 boosting methods, statistical learning theory 514  
 bootstrap statistical significance tests 498–499  
 borderline personality disorder (BPD) 453, 457  
 bottom-up approaches, personality structure models 115; *see also* taxonomic models  
 brain and mind relationship 23–24  
 brain connectivity, and temperament 155–157, 159, 163; *see also* personality neuroscience  
 brain hemispheres, asymmetry 279  
 breadth measures, interpersonal accuracy 46–49, **47**  
 Brief Implicit Association Test (BIAT) **72, 73**  
 brooding, in depression 92  
 burnout, occupational health 434
- Campbell, Naomi (fashion model) 115  
 candidate genes 159–160, 250–251, 274; *see also* genetics of personality  
 cardiovascular reactivity 193  
 caring, personality models 276–277  
 category breadth, personality structure models 121  
 causality, direction of  
   anxiety and depression 370  
   behavioral economics 485–486, 488  
   physical health 196–197  
 causality orientation theory (COT) 333  
 changes in personality  
   behavioral economics 484, 488  
   narrative identity 378  
   old age 173  
   and physical health 196–197  
   processes involved in changes 176–177  
   *see also* continuity over life span; malleable versus fixed views of personality; process-oriented perspectives  
 character 276  
 characteristic adaptations, new Big Five framework 377  
 child molestation 468–470, **469**  
 childhood  
   development of personality 171, 175  
   peer relations 389–390  
   stress 213  
   *see also* attachment theory; developmental perspectives  
 Chinese Personality Assessment Inventory (CPAI) 132  
 Chinese Personality Inventory (CPI) 404  
 Chinese Value Survey 401  
 choice, philosophy of science 24  
 CHRNA5-A3-B4 (nicotinic receptor) gene cluster 252  
 circular personality structure models 122–124, 124–127

- citizenship, organizational 8, 429, 431  
 classification and regression trees (CART) 513  
 Clinical Analysis Questionnaire (CAQ) 106–107  
 clinical psychology 19–20; *see also* mental health disorders  
 coasting 318–319  
 codevelopment model, psychopathology **185**, 185, 187  
 cognitive-adaptive theory, needs theories 334–335  
 cognitive-adaptive theory of traits (CATT) 309–310  
 cognitive affective processing system (CAPS) 354  
 cognitive avoidance, anxiety 91  
 cognitive behavioral approaches **16**  
   animal personality 241–242  
   historical perspectives 16–17  
 cognitive bias  
   beliefs about the self 343–345  
   interpersonal accuracy 47, 50, 53  
 cognitive bias in anxiety and depression 366–368  
   attentional bias 366–367  
   cognitive bias modification 370–371  
   cognitive processes underlying 368–371  
   interpretive bias 366–368  
   memory bias 366, 368  
 cognitive emotion theory 82  
 cognitive evaluation theory 332  
 cognitive psychology 6, 295, 310–311  
   attention, concentration and focus 301–303  
   cognitive functions investigated **301**  
   cognitive patterning 300–301, 306  
   decision-making 306  
   experimental frameworks 296–298, 296  
   future research directions 311  
   historical perspectives 295–296  
   integrated theories 298, 306–307, 307  
   knowledge-level analysis 308–309  
   language/speech 305–306  
   memory 302–303, 305  
   neurobiology 307–308  
   selective attention 303–305  
   speeded responses 305  
   symbolic information-processing 308  
   theoretical perspectives 296–297  
   trait mapping 296, 310  
   trait-performance mediating processes 299–300  
   traits 298–299, 309–310  
   *see also* information-processing models  
 cognitive reframing 320  
 cognitive science perspectives 2, 6–7, **16**  
   historical perspectives 16–17  
   needs theories 334–335  
   self-determination theory 334–335  
 coherence of personality 2; *see also* changes in personality;  
   continuity over life span  
 “cold” aspects of personality 13–14  
 collectivist cultures *see* individualism-collectivism  
 common cause model, psychopathology 185, **185**  
 communication of emotions 92–93  
 communion metaconcept 120–121, 123  
 community gardening interventions 201  
 compassion, personality neuroscience 280–281  
 competence, personality structure models 120  
 COMT (catechol-O-methyltransferase) gene 160  
 compulsive self-reliance, attachment theory 210–211  
 computational modeling  
   statistical software 512  
   symbolic information-processing 308  
   *see also* information-processing models  
 concentration, cognitive psychology 301–303, **301**; *see also*  
   attentional bias  
 concept asymmetry, personality structure models 121  
 condition-dependent psychological mechanisms 226–227  
 conditional reasoning 107–108  
 conditioning, Pavlovian 156  
 confirmatory factor analytic (CFA) 104–105, 509–510  
 conformity, value-orientations 416–417, **417**, 419  
 Confucian-oriented face cultures 402  
 Confucian work dynamism, Chinese Value Survey 401  
 conscientiousness 31–33  
   ADHD 188  
   behavioral economics 481–482  
   biological perspectives 169–170  
   and citizenship behavior 431  
   counter-productive work behavior 431–433, 483  
   crime 464–465, 467–470, **469**, 472–474  
   cross-cultural perspectives 120  
   curvilinear functions 484–485  
   development over life span 171–172, **172**, 174, 176, 386  
   educational psychology 440–441  
   and emotional dispositions 87–88  
   and health/longevity 34, 197, 202, 452  
   and intelligence 143–145  
   interpersonal accuracy 48–49  
   interventions/treatments 458  
   and job performance 131, 429–430  
   peer relations in childhood and adolescence 390  
   personality neuroscience 281–282  
   politics and personality 416, 418  
   and psychopathology 183, 186, 189  
   social support 388–389  
   socialization of children 387  
   substance abuse disorders 187–188  
   and temperament 158  
   transactional models 391  
   *see also* Five-Factor Model  
 conscious experiences, phenomenology 23–24  
 consensual validation, personality trait ratings 32–33  
 consistency debate 58  
 consistency seeker metaphor of the self 177  
 construct-indexing, cognitive psychology 297, 310  
 construct-oriented approach to assessment 104  
 construct validity 22, 480–481  
 content-specificity, anxiety/depression 366–367  
 contextual factors *see* environmental perspectives; situations  
 contextualized traits  
   behavioral economics 484  
   cognitive psychology 299  
   self-concept in relation to personality 341–343  
 continuity over life span 4–5, 20, 169, 178  
   absolute stability 170–173, **172**  
   adolescence 171–176  
   adulthood 172–173, 176  
   animal personality 242–243  
   behavioral economics 484  
   childhood 171, 175  
   contemporary perspectives 352  
   crime 463  
   differential stability 171, **172**, 173  
   environmental perspective 174–177  
   Five-Factor Model 33, 39, 49–50, 169–173, **172**  
   future research directions 177–178  
   heterotypic stability 170  
   homotypic stability 170–171  
   and intelligence 144–145  
   intrinsic maturational perspective 174–175

- maturity principle of personality development 172–173  
 physical health and personality 201  
 processes involved in changes 173–177  
 self-reflective perspective 174, 177  
 transactional processes 57, 175–177  
*see also* changes in personality
- continuum model, psychopathology 185, **185**, 187  
 cooperative phenotypes, behavioral economics 480  
 cooperativeness 266, 276  
 coping responses/styles  
   animal personality 239, 242  
   emotions 91–92  
   physical health 193–197
- core self-evaluations (CSE), and job performance 431  
 correlation coefficients, statistical software 499–505, **501–502**,  
   **504–505**, 506–509, **507–508**, 520
- corresponsive principal 175, 392  
 cortertia, and intelligence 143  
 cost-benefits  
   mating strategies 225  
   personality strategies 227
- counter-productive work behavior (CWB)  
   behavioral economics **482**, 483  
   organizational psychology 429, 431–433, 435
- coverage of traits, factor analytic approaches 120
- crime 8, 463, 474  
   antisocial and aggressive behavior 470, **471**  
   data analysis 467  
   discussion of results 470–473  
   Five-Factor Model 464–465, **465**, 473–474  
   future research directions 474  
   literature search 466–467  
   meta-analyses 466  
   methodological flow chart 467–468  
   moderation effects 470  
   personality in criminology literature 463–464  
   psychopathy 464, 472  
   study results 467–470, **469**
- criterion of ipsativity, organizational psychology 428–429  
 criterion-focused personality scales (COPS) 430–431  
 critical periods of development 197  
 cross-cultural perspectives *see* cultural contexts  
 cruise control model of affect 318–319  
 cue channels, interpersonal accuracy **47**  
 cue utilizations, interpersonal accuracy 51  
 cultural contexts 7, 20–21, 400, 408  
   beliefs about the self 343–344  
   combined emic-etic approaches 404–405  
   developmental perspectives 407–408  
   ethnopsychology 406  
   face and dignity 402  
   Five-Factor Model 21, 32, 131–133, 135–137, *137*, 403–405  
   interpersonal acceptance-rejection 407  
   narrative identity 381–382  
   national character stereotypes 405–406  
   personality structure models 119–121  
   psychological anthropological studies 400–401  
   research underpinnings 401–402  
   self-concepts 406–407  
   social axioms 403  
   social relations, influence of personality 392–393  
   tightness versus looseness 402  
   traits 403–405  
   value-orientations 402–403  
   culture *see* openness to experience
- cumulative continuity, development over life span 173  
 curiosity *see* openness to experience  
 curvilinear function, behavioral economics 484–485, 488
- cybernetic Big Five theory (CB5T) 135, 277, 283–284  
 cybernetic control, feedback loops 317  
 cynicism, cross-cultural studies 403
- dark triad (DT) of personality 433, 478  
 deactivation  
   attachment theory 210–211  
   psychological defenses 213–215
- deception 50–51; *see also* interpersonal accuracy  
 decision-making  
   cognitive psychology **301**, 306  
   neuroscience of personality 24
- decision-theory 504–505, **504–505**, **505**, 528  
 decoding ability *see* interpersonal accuracy  
 deductive factor-analytic methods 105  
 default network 280, 282  
 defensive responses  
   attachment theory 213–215  
   biological perspectives 19
- definitions  
   animal personality 236  
   emotions 81–82  
   health 194  
   interpersonal accuracy 44–45  
   personality 13–14, 236, 386, 413, 420, 439  
   temperament 155, 236, 386  
   traits 13, 36  
   unconscious mind 69–70
- deliberation, and crime 473  
 delinquency 463; *see also* crime  
 density distribution approach (*TraitDES*), process-oriented  
   perspectives 355–356, 358–359
- dependent personality disorder (DPD) 454  
 depression  
   cognitive processes underlying 369–370  
   cognitive psychology 296  
   coping styles 92  
   dependent personality disorder 454  
   *5HTT* gene 162  
   functional framework 365  
   genetics 252  
   and heart disease 201  
   and neuroticism 183–187  
   past orientation 365–366  
   self-regulation of behavior 321, 321–322  
   tripartite model 366  
   *see also* anxiety-depression comparisons/commonalities
- depth measures, interpersonal accuracy 46–47, **47**, 49–51  
 descriptive models 273, 339  
   arousal-activation theory 262  
   emotional dispositions 85  
   and process-oriented perspectives 352, 360  
   and self-concept 346  
   trait approaches 4, 34, 120
- descriptive statistics 520  
 developmental perspectives  
   attachment theory 213  
   cross-cultural studies 407–408  
   mating strategies 226  
   temperament 156–157  
   *see also* continuity over life span
- deviant behavior *see* counter-productive work behavior; crime  
 Diagnostic and Statistical Manual of Mental Disorders (DSM)  
   183–184, 455–457
- dialectical behavior therapy (DBT) 453  
 DIAMONDS taxonomy (Duty, Intellect, Adversity, Mating,  
   pOsitivity, Negativity, Deception, Sociality) 61–63, 62,  
   359–360



- differences, individual *see* individual differences  
 differential stability over life span 171, **172**, 173  
 differential susceptibility model  
   socialization of children 387  
   temperament 161  
 difficult child concept 157  
 dignity, cross-cultural studies 402  
 dimensional paradigm of personality, educational psychology 439  
 directional selection, evolutionary perspectives 226–227  
 discrepancy, feedback loops 316–317  
 discriminant validity, anxiety and depression 364  
 disease-prone personality 193  
 dispositions, emotional 85–86  
   and Five-Factor Model 87–88  
   nature-nurture debate 90–91  
   psychological basis 88–89  
 dispositions, traits as 35  
 disruption hypothesis, developmental 172–174  
 distinctive accuracy, social accuracy model 52  
 distress prone children, temperament 155, 157–158  
 dogmatism, political 414–415  
 dopaminergic system 135  
   approach–avoidance theories 265–266  
   COMT gene 160  
   DRD4 gene 160–161  
   extraversion 278  
   novelty seeking 276  
   openness to experience 282  
   plasticity trait 277  
 dot-probe task, attentional bias 367  
 DRD4 (dopamine D4 receptor) gene 160–161, 228  
 dreams, historical perspectives 14  
 driving skills, cognitive psychology 299  
 dual-process models of functioning  
   politics and personality 413–418  
   self-regulation of behavior 322–324, 323  
 dutifulness, and crime 473  
 dyadic social interaction partners 59–60, 64  
 dynamic factor models, behavioral economics 486  
 dynamic interactionism, social relations 391  
 dynamic nature of personality 354; *see also* process-oriented perspectives
- eating disorders 188–189  
 economic models *see* behavioral economics  
 educational psychology 8, 439–440, 446–447  
   academic performance 439–440  
   cognitive psychology 297, 310  
   emotional processes 444–446  
   Five-Factor Model 439–442, 446  
   genetics 252  
   goal orientations 442  
   motivational perspectives 442–444, 446–447  
   person-centered perspectives 447  
   self-regulated learning 442–443  
   subjective value 443–444  
   test anxiety 444–445  
 Edwards Personal Preferences Schedule (EPPS) 428–429  
 EEG (electroencephalography) 275  
 effect sizes, statistical software **501–502**  
 effortful control  
   biological perspectives 169–170  
   development over life span 171, 175  
   dimension of temperament 158–159, 161  
   self-regulation of behavior 320, 323, 323  
 elderly, changes in personality 173; *see also* continuity over life span  
 Elemental Psychopathy Assessment (EPA) 454  
*Elements of a Two-Process Theory of Learning* (Gray) 261  
 emic approach 32  
 emotion episodes 81  
 emotion recognition *see* interpersonal accuracy  
   emotional dispositions 85–86  
 emotional expressivity, individual differences 92–93  
 emotional intelligence (EI) 93, 299  
 emotional perception, individual differences 93  
 emotional processes 3, 19, 81, 93–94  
   appraisal theory of emotion 82, 88  
   appraisal-emotion relations 90  
   aspects of personality 13–14  
   attention-directing function 83  
   basic desires 89  
   and beliefs 89–90  
   cognitive psychology 300  
   coping styles 91–92  
   definitions 81–82  
   educational psychology 444–446  
   empathic accuracy 50–51  
   episodic memory 340–341  
   expression/communication 92–93  
   and Five-Factor Model 87–88, 92  
   functional effects/roles 82–84  
   individual differences 84–86, 90, 92–93  
   informational function 83, 88–89  
   motivational perspectives 82–84, 89  
   nature-nurture debate 90–91  
   psychological basis 88–89  
   regulation 84, 91–92  
   as subsystem of personality 81–82  
   *see also* affects  
 emotional regulation (ER) 84, 91–92, 445–446; *see also* self-regulation  
 emotional stability-instability dimension *see* neuroticism  
 emotional states 81, 86; *see also* states  
 empathic accuracy 50–51  
 empathy, personality neuroscience 280–281  
 employment *see* job selection; work and organizational psychology  
 entrepreneurialism 482, **482**  
 environmental characteristics, states and traits 56–57  
   states/situations/traits links 63–65, 64  
   states/situations/traits transactions 57  
   *see also* situations; state-trait interactions and transactions  
 environmental mould 38  
 environmental perspectives  
   animal personality 236, 242  
   development of personality over life span 174–177  
   educational psychology 446  
   and evolutionary perspectives 226–228, 231  
   *see also* nature-nurture debate  
 epigenetic landscape model, attachment theory 213  
 epigenetics  
   evolutionary perspectives 226–227  
   physical health and personality 196  
   temperament 162  
 episodic memory  
   anxiety and depression 366  
   beliefs about the self 344  
   emotions 340–341  
 equal opportunities, employment 434–435  
 error signals, feedback loops 316–317  
 ethnic minorities, job selection 434–435  
 ethnopsychology, cross-cultural studies 406  
 ethos, national character stereotypes 135  
 etic approach 32

- evocation effects  
 development of personality over life span 175–176  
 physical health and personality 196–197
- evo-devo models, behavioral economics 484
- evolutionary perspectives 5, 20–21, 223, 227, 231–232  
 animal personality 237  
 anxiety and depression 370  
 balancing selection 227–228  
 changes in personality 484  
 directional selection 226–227  
 emotions 83–84, 91  
 evolved psychological mechanisms 224  
 frequency-dependent selection 228  
 future research directions 230–231  
 human nature 223–224  
 importance of evolutionary framework 225–226  
 individual differences in personality 224–225  
 integrated theories 229–230  
 longitudinal research 231  
 nonselective models 228–229  
 selective models 226–228
- executive processes  
 processes underlying cognitive biases 368–370  
 temperament 159–160
- expectancy-value model, educational psychology 443–444
- experimental approaches 22
- explicit memory, in anxiety/depression 366, 368
- Explorations in personality* (Henry Murray) 13
- exploratory factor analytic (EFA) 104–105, 505–506, 529–531
- external regulation, self-determination theory 332
- externalizing behavior 324–325  
 and crime 463
- extra-pair copulations (EPCs), mating strategies 225
- extraversion 18, 31–33, 129  
 arousal-activation theory 261–262  
 attention, concentration and focus 302  
 behavioral economics 482–483  
 beliefs about the self 344–346, 345  
 biological perspectives 169–170  
 cognitive psychology 295  
 crime 464–465  
 cross-cultural perspectives 120  
 decision-making 306  
 development over life span 171–172, **172**, 174, 386  
 educational psychology 441, 444  
 and emotional dispositions 87  
 evolutionary perspectives 227–228, 230  
 genetics 251  
 and happiness 131  
 hierarchical model *117*  
 and intelligence 142–145  
 interpersonal accuracy 48–49  
 and job performance 429–430  
 language/speech 305–306  
 memory 305  
 narrative identity 382–383  
 peer relations, childhood/adolescence  
 389, 389–390  
 personality neuroscience 276–278  
 politics and personality 416  
 psychopathology 183, 186, 188–189  
 selective attention 304  
 social support 388–389  
 speeded responses 304–305  
 state-trait interactions and transactions 58, *58*  
 structural models *117–118*, 117–118, 121, 123  
 theoretical perspectives 22  
*see also* Five-Factor Model; PEN model
- extrinsic motivation 331–333
- eye tracking tasks 367
- Eysenck, Hans 5–6, 260–261, 275, 295; *see also* PEN model
- Eysenck Personality Questionnaire (EPQ) 265, **267**, 268
- face cultures, cross-cultural studies 402
- facets of personality, Five-Factor Model 133–134
- factor analytic approaches 17–18  
 coverage of traits 120  
 personality assessment 103–105  
 personality structure models 115  
 replicability 120–121  
*see also* Five-Factor Model
- Factored Homogeneous Item Dimensions (FHIDs) 104
- family influences 20–21
- fate control/fatalism, cross-cultural studies 403
- Fear Survey Schedule 59
- fearfulness  
 avoidance motivation 267, **267**  
 overlap with anxiety dimension 278–279  
 personality models 276–277  
 personality neuroscience 276  
 socialization of children 387
- feedback control processes 316  
 affect and action 318  
 affects 317–318  
 approach-avoidance behavioral loops 318, *321*  
 depressed affect *321*, 321–322  
 dual process models of functioning 322–324, *323*  
 effortful emotional regulation 320  
 feedback loops 316–317, *317*  
 hierarchical organization of behavior 323–324  
 impulse and constraint balance 322–323  
 multiple goals 319  
 positive affect and coasting 318–319  
 priority management 319–320  
*see also* self-regulation of behavior
- femininity, cross-cultural studies 401
- field independence, and intelligence 142–143
- fight-flight-freeze system (FFFS) 118, 262–263, 278–279; *see also*  
 reinforcement sensitivity theory
- first impressions accuracy *see* interpersonal accuracy
- first versus third person observations 21–22
- Five-Factor Model (FFM) 4, 17–18, 31–33, 129, 137  
 alternative models 132–133  
 biological perspectives 131, 134–135  
 components of personality system 39  
 continuity over life span 33, 39, 49–50, 169–173, **172**  
 crime 464–465, **465**, 473–474  
 critiques 119, 131–132  
 cultural perspectives 21, 32, 131–133, 135–137, *137*, 403–405  
 educational psychology 439–442, 446  
 and emotions 87–88, 92  
 facets of personality 133–134  
 genetics 250–251  
 higher-order structure 133  
 historical perspectives 37–38, 116, 129–130  
 and intelligence 143  
 and job performance 429–430  
 national character stereotypes 135–137, *137*  
 nuances of personality 134  
 personality neuroscience 273–277  
 personality structure 115–116, 119, 122  
 physical health and personality 194  
 politics and personality 416, 419–420  
 and process-oriented perspectives 353  
 psychopathology 131, 133, 183, 189, 451–452, 456  
 research underpinnings 130–131, *131*, 134–135

- Five-Factor Model (FFM) (cont.)  
 self-determination theory 335–336, **335**  
 and taxonomies of situational information 62  
 and temperament 155–156, 158  
 work and organizational psychology 427–428, 435  
*see also* agreeableness; conscientiousness; extraversion;  
 neuroticism; openness to experience  
*5HTT* (serotonin transporter) gene 159–161  
 focus, cognitive psychology 301–303, **301**; *see also* attentional  
 bias  
 forced-choice (FC) response formats 428–429  
 free will, philosophy of science 24  
 Freud, Sigmund 14–15  
 frequency-dependent selection 228  
 functional framework, anxiety and depression 365–366; *see also*  
 cognitive biases  
 functional social support 388  
 fundamental motives framework 49  
 future orientation, anxiety 365–366
- Galton, Francis 17  
 Galton's coefficient 495–504  
 gambling, cognitive psychology 306  
 garden metaphor, approach–avoidance theories 259  
 gender differences *see* sex differences  
 general factor of personality (GFP) 32, 38  
 cross-cultural studies 405  
 and intelligence 143–144  
 personality structure models 121  
 and self-concept 346  
 general factor of psychopathology 184  
 general linear model, statistical software 501–502  
 general theory of the person 81  
 genetics of personality 5–6, 19, 247, 254, 364  
*ALDH2\*2* gene 253–254  
 animal personality 236, 238, 242  
 candidate genes 159–160, 250–251, 274  
*CHRNA5-A3-B4* gene cluster 252  
*COMT* gene 160  
 development of personality over life span 174  
*DRD4* gene 160–161, 228  
 evolutionary perspectives 228–229  
 Five-Factor Model 250–251  
*5HTT* gene 159–161  
 future research directions 254  
 genetic correlation 252–253  
 heritability estimation 247–248  
 Mendelian randomization 253–254, 253  
 neuroticism 250–252, **250**  
 physical health and personality 196–197  
 population stratification 249, 249  
 single nucleotide polymorphisms 249–250  
 specific traits 251–252  
 temperament 159–160  
 trait approach 33  
 twin studies 247–249  
*see also* genome-wide association studies; heritability  
 genome-wide association studies (GWAS) 33  
 animal personality 242  
 evolutionary perspectives 229  
 Five-Factor Model 251  
 heritability estimation 248–251  
 interpretation of findings 252  
 personality neuroscience 273–274  
 psychopathology in relation to personality traits 190  
 geographical psychology, statistical software 513  
 getting, approach motivation scales 266  
 goal contents theory 333  
 goals  
 attachment-related 214  
 coasting 319  
 conscientiousness 281–282  
 depression as goal loss 365  
 educational psychology 442  
 emotional dispositions 89, 93–94  
 feedback processes 316  
 goal conflict resolution approach 2  
 needs theories 330, **335**  
 and personality perception 49  
 priority management 319–320  
 self-regulation of behavior 6, 319  
 and social behavior 176  
 striving 266  
*see also* motivational perspectives  
 Goldilocks hypothesis 487  
 Go/No-Go Association Task (GNAT) **72**, 74  
*Goodfellas* movie 454  
 Gordon Personal Profile-Inventory (GPP-I)  
 428–429  
 Gray, Jeffrey 5–6, 260–261, 275  
 gross domestic product (GDP), behavioral economics 482–483,  
**482**  
 grounded theory 25  
 group dynamics, animal personality 239–241  
 group selection, animal personality 239–240  
 GWAS *see* genome-wide association studies
- habits, self-regulation of behavior 323  
 happiness, and extraversion 131  
 hardiness concept, physical health 193–194  
 harm avoidance **267**, 276  
 health *see* mental health disorders; occupational health; physical  
 health  
 heart disease  
 and depression 201  
 type A behavior pattern 193  
 hedonistic theories 83, 120, 416–417, **417**  
 hemispheric asymmetry, personality neuroscience 279  
 heritability 247–248  
 emotions 90–91  
 Five-Factor Model traits 131  
 individual differences in personality 227  
 neuroticism **250**, 250  
 personality structure models 118  
 population stratification 249, 249  
 single nucleotide polymorphisms 249–250  
 twin studies 247–249  
*see also* genetics of personality  
 heterotypic stability over life span 170  
 HEXACO model (Honesty-Humility, Emotional Stability versus  
 Neuroticism, EXtraversion, Agreeableness,  
 Conscientiousness and Openness) 17, 132  
 taxonomies of situational information 62  
 work and organizational psychology 428  
 hierarchical behavioral feedback loops 323–324  
 Hierarchical Taxonomy of Psychopathology (HiTOP) 184; *see also*  
 mental health disorders  
 hierarchy, personality models *117*, 121–122, *122*  
 Hill, Henry (Lucchese crime family member) 454  
 hippocampus 279  
 historical perspectives 3, **14–15**  
 accuracy research 45–46  
 animal personality 236  
 approach–avoidance theories 260  
 cognitive psychology 295–296  
 development of personality over life span 169



- Five-Factor Model 37–38, 116, 129–130  
 major themes in personality research 14–17, **16**  
 needs theories 330–331  
 politics and personality 414  
 process-oriented perspectives 352–353  
 psychobiological models 117–119  
 statistical software 495–497  
 taxonomic models 115–117  
 temperament 156–157  
 trait approach 17, 31, 35–39  
 two disciplines of scientific psychology 14
- homeostatic systems, feedback loops 316–317  
 homotypic stability over life span 170–171  
 honesty-humility personality trait 31–32, 120, 132; *see also*  
 HEXACO model
- horticultural metaphor, approach–avoidance theories  
 259
- hostility 90, 198  
 “hot” aspects of personality 13–14; *see also* emotional  
 processes
- human nature 223–225  
 Human Relations Area Files (HRAF) 401  
 humanistic perspectives **16**, 17, 20  
 humoral theory of health and wellbeing 31  
 hyperactivation, attachment theory 210  
 hyperarousal, anxiety states 366  
 hypothalamic-pituitary-adrenal (HPA) axis 279  
 hypothesis testing 24–25  
 hypothetical constructs 22
- IBM (International Business Machines) study 401  
 identification problem, behavioral economics 485  
 identified regulation, self-determination theory 332  
 idiographic approaches 17, 20  
 illness *see* mental health disorders; physical health  
 immune function and personality 193  
 Implicit Association Procedure (IAP) **72**, 73  
 Implicit Association Test (IAT) 72–77, **72**, 108  
 implicit measures of personality *see* indirect measures  
 implicit memory, anxiety/depression 366, 368  
 Implicit Relational Assessment Procedure (IRAP) **72**, 73  
 implicit traits *see* unconscious elements of personality  
 impressions of personality *see* interpersonal accuracy  
 impulsivity  
 behavior problems 324–325  
 cognitive psychology 298  
 impulse and constraint balance 322–323  
 personality neuroscience 281–282  
 personality structure models 118–119  
 serotonin transporter system 324  
 trait mapping 296
- independence, and intelligence 142–143  
 indirect measures 71–74, **72**  
 construct-indexing 297  
 development/evaluation 74–75  
 prediction of behavior 76–77  
*see also* unconscious elements of personality
- individual differences in personality 18–19, 81  
 animal personality 237, 237, 241  
 attachment theory 210–211  
 emotions 84–86, 90, 92–93  
 evolutionary perspectives 223–225, 231  
 heritability 227  
 historical perspectives 13  
 idiographic approaches 17–18  
 narrative identity 382  
 person × situation interactions 58–59, 58–59  
 politics and personality 413  
 temperament 157  
*see also* trait approach to personality
- individual interest, educational psychology 443  
 individualism-collectivism 20, 392, 401, 406–408  
 inductive factor analysis 105  
 inferential hazard, approach–avoidance theories 259–260  
 infidelity, sexual  
 between-sex differences 224–225  
 evolved psychological mechanisms 224  
 within-sex differences 225
- informational function, emotions 83  
 information-processing models  
 agreeableness 280  
 animal personality 236  
 anxiety 295  
 appraisal theory of emotion 82, 88–89  
 cognitive psychology 295, 299–300  
 dual process models of functioning 322–324  
 evolutionary perspectives 223–224  
 symbolic information-processing 308, 336  
*see also* psychological mechanisms; self-regulation of behavior
- initial impressions *see* interpersonal accuracy  
 Initials and Birthday Preference Task **72**, 74  
 injustice, sensitivity to 90  
 insecure attachment 213  
 instrumental variables (IVs), behavioral economics 486  
 integrated regulation, self-determination theory 333  
 integrated theories 1, 25  
 cognitive psychology 298, 306–307, 307  
 process-oriented perspectives 353–357, 359  
 trait approach 39
- integrative complexity, politics and personality 414–415  
 intellect/openness *see* openness to experience  
 intelligence-personality relationship 4, 142–144, 148  
 cognitive psychology 299  
 developmental perspectives 144–145  
 differentiation by intelligence hypothesis 145–148
- interest in subject, educational psychology 443  
 interindividual differences *see* individual differences  
 internalization, self-determination theory 332  
 internalizing behavior problems 324–325  
 International Classification of Diseases (ICD) 184, 456–457  
 interpersonal accuracy 3, 44–45, 53  
 biases 47, 50, 53  
 breadth and depth measures 46–51, **47**  
 definitions 44–45  
 historical perspectives 45–46  
 meta-analyses/literature of 46–47, **46–47**, 46  
 models/methodologies 51–53  
 working measure of truth 45
- Interpersonal Adjective Scales (IAS) 108  
 interpersonal acceptance-rejection theory (IPART) 407  
 interpersonal relatedness (IR), cross-cultural studies 404; *see also*  
 social relations
- interpretative processes, Whole Trait Theory 356–358  
 interpretive bias, anxiety and depression 366–368  
 interventions to change personality  
 cognitive bias modification 370–371  
 conscientiousness 458  
 neuroticism 457–458  
 personality disorders 457  
 process-oriented perspectives 360  
 psychopathology in relation to personality traits 190
- intraindividual systems, educational psychology 446  
 intrinsic maturational perspective, development over life span  
 174–175  
 intrinsic motivation 331  
 intrinsic value, expectancy-value model 443–444

- introjected regulation, self-determination theory 332  
 introspectionism 21  
 Iowa Gambling Task 306  
 ipsative questionnaires 428–429  
 ipsative stability over life span 171  
 Irrelevant Feature Task (IFT) **72**, 73  
 item response theory (IRT) 105
- Jackson Personality Inventory 106  
 James, William 17  
 job performance 105–106, 129  
   behavioral economics 481–482, **482**  
   and conscientiousness 131  
   core self-evaluations 431  
   criterion-focused personality scales 430–431  
   Five-Factor Model 429–430  
   *see also* work and organizational (W&O) psychology  
 job selection 434–435  
 joint subsystems hypothesis (JSH), approach–avoidance theories 263  
*Journal of Abnormal and Social Psychology* (APA) 17–18  
 judgmental accuracy *see* interpersonal accuracy  
 justice, personality structure models 124–125
- kin-directed altruism, evolutionary perspectives 231  
 knowledge-level analysis, cognitive psychology 308–309
- language, cognitive psychology **301**, 305–306  
 language-encoded differences *see* lexical hypothesis  
 latent variable modeling, statistical software 505–510  
 leadership, work and organizational psychology 433  
 learning theories, and approach–avoidance theories 260–261  
 lens model, interpersonal accuracy 51–52  
 lexical hypothesis of personality 44  
   Five-Factor Model 129–130, 451  
   HEXACO model 132  
   personality assessment 104–105, 108  
   personality structure models 117, 120  
   trait approach 31, 34–35  
 liberalism, and openness to experience 131  
 life expectancy *see* mortality/life expectancy  
 life outcomes, and personality 452–453  
 life satisfaction *see* wellbeing  
 life stories *see* narrative approaches  
 life span approaches *see* continuity over life span  
 Likert scales 428  
 liking, approach motivation scales 266  
 limbic system 118; *see also* fight-flight-freeze system  
 logical learning theory 24  
 long-term orientation, Chinese Value Survey 401  
 longevity *see* mortality/life expectancy  
 longitudinal research 20, 352  
   evolutionary perspectives 231  
   physical health and personality 193–200  
   temperament 157  
   *see also* continuity over life span  
 looseness, cross-cultural studies 402  
 lying 50–51; *see also* interpersonal accuracy
- Machiavellianism 478, 483  
 machine learning approaches 52  
 magical limit, state-trait statistical interactions 58  
 magnetic resonance imaging (MRI) 274  
 main frame computers, statistical software 495–496  
 maladaptive personality styles, organizational psychology 433–435; *see also* mental health disorders  
 malleable versus fixed views of personality 339  
 mindsets 442  
   narrative identity 377–378, 381–382  
   stability over time 343  
   *see also* changes in personality; process-oriented perspectives  
 manifest personality 227  
 marriage success 386, 390–391  
 masculinity-femininity, cross-cultural studies 401  
 Maslow, Abraham 17  
 master narratives 379, 381–383  
 mating strategies 225–228  
 maturity principle 172–173; *see also* continuity over life span  
 measures of personality 3–4, 23, 143–144  
   cognitive science perspective 2  
   implicit/indirect measures of personality 74–75  
   and intelligence 142  
   meaning of 2  
   *see also* self-report measures  
 medial orbitofrontal cortex (mOFC) 277  
 mediators and moderators  
   behavioral economics 487  
   physical health and personality 195–197, 196  
   statistical software 502–503, 504, 523–525  
 medical model of disease 20  
 medical syndrome model of bereavement 193  
 meditation 23  
 memory  
   anxiety/depression 366, 368  
   attention/concentration/focus 302–303  
   cognitive psychology **301**, 305  
 Mendelian randomization (MR) 253–254, 253  
 mental health disorders 4, 183, 190, 452–453  
   adjustment and wellbeing 19–20  
   assessment instruments 106–107  
   attention-deficit hyperactivity disorder (ADHD) 188  
   classifications/taxonomies 183–184  
   cognitive psychology 297  
   development of personality over life span 178  
   eating disorders 188–189  
   educational psychology 439  
   Five-Factor Model 131, 133, 183, 189, 451–452, 456  
   future research directions 189–190  
   and intelligence 142  
   interventions/treatments 190  
   research underpinnings 185–189  
   substance abuse 187–188  
   and temperament 155  
   theoretical perspectives/models 183–185, **185**  
   work and organizational psychology 428  
   *see also* anxiety; depression; personality disorders; psychoses; schizophrenia  
 mental states attribution *see* interpersonal accuracy  
 mental strategies, situation management 65  
 mentalization-based treatment (MBT) 453  
 metacognitions, educational psychology 442–443  
 metacognitive therapy, cognitive psychology 297  
 metaphorical language 22  
 military training, effects on personality change 177  
 mind and brain relationship 23–24  
 mind reading *see* interpersonal accuracy  
 mindsets, educational psychology 442  
 Minnesota Multiphasic Personality Inventory (MMPI) 17, 105–107  
 mirror neuron system 280  
 mixed models, animal personality studies 240  
 model-based reliability measures, statistical software 511  
 models of personality structure 4, 115, 124–125  
   circular structures 122–124, 124–127  
   cross-cultural perspectives 119–121  
   Five-Factor Model 115–116, 119, 122

- hierarchy 121–122, 122  
 psychobiological models 117–118, 117–119  
 taxonomic models 115–117  
*see also* trait approach to personality
- moderators *see* mediators and moderators
- molecular genetics *see* genetics of personality
- monoamine oxidase (MAO) system 119
- moods 82
- mortality/life expectancy  
 conscientiousness 452  
 measures of health outcomes 194  
 optimism 198  
 and personality traits 34
- motivational perspectives 6–7, 21, 183  
 achievement motivation 22  
 behavioral systems model 208–210  
 cognitive psychology 300  
 educational psychology 442–444, 446–447  
 emotions 82–84, 89  
 interpersonal accuracy 49  
 intrinsic/extrinsic motivation 331  
 need for general theory of motivation 333  
 needs theories 330  
 self-determination theory 331–333, 332, 335–336  
 trait approach 35  
 Whole Trait Theory 356–357  
*see also* goals
- MTHFR* (methylenetetrahydrofolate reductase) gene 162
- multidimensional assessment instruments 3–4, 103–109
- Multidimensional Personality Questionnaire (MPQ) 267, 267–268, 276
- Multiple Affect Adjective Check List (MAACL) 108
- multiple goals, self-regulation of behavior 319
- multiple regression, statistical software 501–502
- Murphy, Gardner 14
- mutation-selection balance 229
- Myers-Briggs Type Indicator 428
- narcissism 432–434, 478
- narcissistic personality disorder (NPD) 454–455
- narrative approaches 1, 22, 25, 49–50, 183
- narrative identity 7, 377, 383  
 and change 377–378, 381–382  
 cultural contexts 381–382  
 future research directions 382–383  
 master narratives 379, 381–382  
 methodology 380–381  
 new Big Five framework 377–378  
 objective assessment 380–381  
 personal memory telling 378–379  
 power dynamics 382–383  
 research underpinnings 379–382  
 subjective assessment 380  
 theoretical perspectives 378
- national character stereotypes 135–137, 137, 405–406; *see also* cultural contexts
- nature-nurture debate 19, 45, 90–91, 174;  
*see also* biological perspectives
- needs theories 6, 330, 336  
 cognitive-adaptive theory 334–335  
 Five-Factor Model 335–336, 335  
 historical perspectives 330–331  
 issues with 336  
 motivational perspectives 333  
 role for general theory of motivation 333  
 self-determination theory 331–333, 332, 334–336
- negative affectivity  
 anxiety and depression 364, 366  
 counter-productive work behavior 432  
 dimension of temperament 158–159  
 educational psychology 444–446  
 priority management 320
- Negative Urgency scale 325
- negative valence 133
- NEO Five-Factor Inventory-3 (NEO-FFI-3) 130
- NEO-PI-R (Revised NEO Personality Inventory) 32–33, 108, 130–131, 131  
 aggregate personality scores 136, 137  
 crime 465, 465, 473  
 cross-cultural studies 404  
 facet specificity 133–134  
*see also* Five-Factor Model
- neural substrates of personality 277; *see also* personality neuroscience
- neuroticism 18, 31–33  
 arousal-activation theory, critiques 261–262  
 beliefs about the self 344–345  
 biological perspectives 169–170  
 crime 464–465, 467–470, 469  
 cross-cultural perspectives 120  
 and depression 183–187  
 development over life span 171–172, 172, 174  
 educational psychology 441–442, 444  
 and emotional dispositions 87  
 evolutionary perspectives 230–231  
 5HTT gene 162  
 and health/longevity 34, 195, 198–201  
 heritability 250, 250  
 and intelligence 142–145, 147  
 interpersonal accuracy 48  
 interventions/treatments 457–458  
 and job performance 429–430  
 peer relations in childhood/adolescence 390  
 personality neuroscience 278–279  
 personality structure models 117–118, 118  
 politics and personality 416  
 psychopathology 189–190, 453, 457  
 schizophrenia/psychoses 188  
 sex differences in personality 39  
 social support 388  
 socialization of children 387  
 state-trait interactions and transactions 60, 64  
 substance abuse disorders 187–188  
 and temperament 158  
 trait-performance relationship 484–485  
 transactional models 391  
*see also* Five-Factor Model; PEN model
- neurotransmitter systems 276  
 agreeableness 279–281  
 conscientiousness 281–282  
 extraversion 277–278  
 neuroticism 278–279  
 openness to experience 282–283  
 temperament 160  
*see also* dopaminergic system; opioids, endogenous; serotonin transporter system; testosterone
- new Big Five framework, narrative identity 377–378
- New York Longitudinal Study (NYLS) 157
- niche construction theories, behavioral economics 484
- nomothetic (comparative) approaches 17–18
- nonaffective constraint 276
- nonhuman animals *see* animal personality
- nonverbal sensitivity *see* interpersonal accuracy
- norepinephrine system, reward dependence 276
- normal distributions, statistical significance tests 498–499

- normative accuracy, social accuracy model 52  
 normative scoring, questionnaires 429  
 novelty seeking, dopaminergic system 276  
 nuances of personality, Five-Factor Model 134  
 null hypothesis  
   philosophy of science 23–25  
   statistical software 498–499
- objective versus subjective observations 21–22  
 occupational health 434  
 Occupational Personality Questionnaire (OPQ) 428–429  
 old age 173; *see also* continuity over life span  
 one-shot dictator game (DG) 479–481  
 one-shot public goods game (PGG) 479  
 open source statistical software *see* statistical software  
 openness to experience 31–33, 129  
   behavioral economics 482–483  
   biological perspectives 169–170  
   crime 464–465  
   cross-cultural perspectives 120  
   cultural contexts 392–393  
   development over life span 171–172, **172**, 174, 176  
   educational psychology 440  
   and emotional dispositions 87  
   evolutionary perspectives 228  
   and intelligence 143–145, 147  
   interpersonal accuracy 48–49  
   and job performance 429–430  
   and liberalism 131  
   narrative identity 382–383  
   peer relations in childhood/adolescence 390  
   personality neuroscience 282–283  
   politics and personality 416, 418–419  
   psychopathology 183, 186  
   and temperament 158  
   *see also* Five-Factor Model  
 opioids, endogenous 266, 278  
 optimism 89–90, 197–198  
 organismic integration theory 332–333  
 organizational psychology *see* work and organizational psychology  
 oxytocin 280–281
- p-factor *see* general factor of personality; general factor of psychopathology  
 PANAS model (Positive Affectivity and Negative Affectivity), organizational psychology 427–428  
 Parental Acceptance-Rejection Questionnaire (PARQ) 407  
 parental acceptance-rejection theory (PART) 407  
 parental personality, socialization of children 387  
 parenthood, development of personality through 177  
 past orientation, in depression 365–366  
 pathology *see* mental health disorders  
 Pavlovian conditioning 156  
 PEARL (Persons, Events, Activities, Relationships, Locations/Time) situation cue taxonomy 61  
 Pearson Product Moment Coefficient 495  
 peer ratings 130  
 peer relations, childhood and adolescence 389–390  
 PEN (Psychoticism, Extraversion, Neuroticism) model 18, 117–119, *117*, *275*  
   crime 464  
   critiques 261–262  
 perfectionism, cognitive psychology 298  
 Periodic Table of Personality 428  
 persistence 266, 276  
 person-centered perspectives, educational psychology 447  
 person-environment transactions, attachment theory 210; *see also* environmental perspectives  
 person perception *see* interpersonal accuracy  
 person-situation debate 1, 16–18, 45–46, 339, 341–343, 352  
   insights from animal personality studies 237–238  
 personal construct psychology 16–17, **16**  
   personal documents analysis 24  
 personal interest, educational psychology 443  
 personal memory telling, narrative identity 378–379  
 personal preference, and personality traits 49  
 personality  
   definitions 13–14, 236, 386, 413, 420, 439  
   and intelligence 299  
   and life outcomes 452–453  
   major perspectives **16**  
   *see also* historical perspectives; personality models  
*Personality: A psychological interpretation* (Allport) 13  
 Personality Assessment Questionnaire (PAQ) 407  
 personality disorders 8, 451, 453, 458  
   antisocial personality disorder 453–454  
   borderline personality disorder 453, 457  
   dependent personality disorder 454  
   diagnostic criteria 455–457  
   Five-Factor Model 451–452, 456  
   future research directions 457–458  
   life outcomes 452–453  
   narcissistic personality disorder 454–455  
   psychopathology 452–453  
   schizotypal personality disorder 455  
   treatment protocols 457  
 personality models, general 2–3, 8–9, 13–14, 25  
   adjustment and wellbeing 19–20  
   applied personality psychology 7–8  
   cognitive and motivational 6–7  
   conceptual issues 2–3, 13–14  
   development, continuity and change 4–5, 20  
   first versus third person observations 21–22  
   idiographic and nomothetic approaches 17–18  
   individual differences in personality 18–19  
   major themes in personality research 14–17, **16**  
   measurement issues 3–4  
   philosophy of science 23–25  
   sociocultural factors 7, 20–21  
   statistics and software 8  
   theoretical perspectives 22–23  
   two disciplines of scientific psychology 14, 23–24  
   *see also* historical perspectives; models of personality structure  
 personality neuroscience 2, 5–6, 19, 273–274, 283–284  
   agreeableness 279–281  
   approach-avoidance theories 259  
   brain and mind relationship 24  
   cognitive psychology 307–308  
   conscientiousness 281–282  
   decision-making 24  
   development of personality over life span 169–170  
   extraversion 277–278  
   Five-Factor Model 135, 273–276  
   methodology 274–275, 283–284  
   neural substrates 277  
   neuroticism 278–279  
   openness to experience 282–283  
   temperament 155  
   theoretical perspectives 275–277  
   *see also* brain connectivity; neurotransmitter systems  
*Personality Neuroscience* journal 1  
 Personality Profiles of Cultures Project (PPCP) 404  
 Personality Research Form (PRF) 105–107  
 personality tests *see* assessment instruments



- personality traits *see* trait approach to personality  
 “personality types” 18  
 personalization of politics 413–414  
 personological trait approach 13  
 personology 19, 21  
 phenomenological approaches 23–24  
 phenotypic differences, evolutionary perspectives 226–227  
 philosophy of science 23–25  
 physical health 4, 34, 193–194, 201–202  
   conscientiousness 197  
   Five-Factor Model 194  
   future research directions 200–201  
   health behaviors 195, 197  
   hostility 198  
   key issues 199–200  
   longitudinal research 193–200  
   measures of health outcomes 194–195  
   mediators and moderators 195–197, 196  
   neuroticism 198–199  
   optimism 197–198  
   personality interventions to promote health 201  
   *see also* mortality/life expectancy  
 physiological hyperarousal, anxiety states 366  
 plans, self-regulation of behavior 323  
 plasticity  
   animal personality 241  
   trait 277  
 playfulness 276–277  
 politeness, personality neuroscience 280–281  
 politics and personality 7, 413, 420  
   contemporary perspectives 414–415  
   historical perspectives 414  
   personalization of politics 413–414  
   political engagement/participation 419–420  
   traits and values 415–419, **417**  
 polygenes 38  
 population stratification, genetics 249, 249  
 positive affectivity  
   anxiety and depression 366  
   and coasting 318–319  
   development of personality 175  
   educational psychology 444–446  
   priority management 320  
 Positive and Negative Affect Scale (PANAS) 194–195  
 positive psychology 17, 20, 24, 215–216  
 positive valence 133  
 power, value-orientations 416–417, **417**  
 power distance, cross-cultural studies 401  
 power dynamics, narrative identity 382–383  
*Praeger handbook of personality across cultures* (Church) 400  
 prediction of behavior  
   and implicit/indirect measures of personality 76–77  
   personality assessment 105–106  
   role of personality 2–3  
   trait approach 34  
   work and organizational psychology 429  
 preferences 477–481; *see also* behavioral economics  
 prefrontal cortex 135, 281–282  
 principal components analysis, personality structure 122  
*Principles of psychology* (James) 14  
 priority management, self-regulation of behavior  
   319–320  
 prisoner’s dilemma game (PDG) 479, 481  
 process-oriented perspectives 6, 352, 360  
   accretion of traits 358–359  
   density distribution approach 355–356, 358–359  
   DIAMONDS taxonomy 359–360  
   dynamic nature of personality function 354  
   Five-Factor Model 353  
   integrated theories 359  
   interpretative processes 356–358  
   interventions/treatments 360  
   situation taxonomies 359–360  
   states 355  
   theoretical background 352–354  
   trait EXP 356–359  
   traits 354–355  
   TESSERA framework 355–359  
   Whole Trait Theory 353–357  
   within-person trait variability 356  
   *see also* person-situation debate  
 programs of action 323–324  
 prosociality 477–480, 478  
 prospection 24  
 PsychEval Personality Questionnaire (PEPQ) 106–107  
 psychoanalytic perspectives 19, 414; *see also* attachment  
   theory  
 psychobiological models 117–118, 117–119  
*Psychobiology of Personality* (Zuckerman) 275–276  
 psychodynamic perspective 14–15, **16**  
 psychological anthropological studies 400–401  
 psychological defenses, attachment theory 213–215  
 psychological mechanisms  
   computational architecture 231  
   condition-dependent psychological mechanisms 226–227  
   evolved psychological mechanisms 224  
   importance of evolutionary framework 225–226  
   information-processing analogy 223–224  
   selective models 226–228  
*Psychology of personality* (Ross Stagner) 13  
 psychology of the stranger 49  
 psychometrics *see* measures of personality  
 Psychopathic Personality Inventory (PPI-R) 454  
 psychopathology *see* mental health disorders  
 psychopathy  
   crime 464, 472  
   dark triad of personality 478  
   evolutionary perspectives 228  
 psychophysiological measures 295  
 psychoses 188, 282–283; *see also* schizophrenia  
 psychosocial theory 20  
 psychotherapy 21  
 psychoticism 118, 275; *see also* PEN model  
 punishment *see* threat systems  
 punishment games 479–480, 481  
  
 quantitative genetics *see* genetics of personality  
 quasi-ipsative questionnaires 429  
 Questionnaire-based Implicit Association Test (qiAT) **72**, 73  
 questionnaires 24; *see also* measures of personality; self-report  
   measures  
  
*raison oblige* theory 347  
 random error processes, Whole Trait Theory 356–357  
 random forest methods 514  
 rater reliability measures, statistical software 511  
 rational (cool) aspects of personality 13–14  
 Reactive-Proactive Questionnaire (RPQ) **267**, 268  
 reactivity  
   animal personality 239  
   behavior problems 325  
   definitions 155  
   serotonin transporter system 324  
 reappraisal strategies, emotional regulation 445–446  
 regression analysis, statistical software 499–505, **504–505**  
 regulation *see* emotional regulation; self-regulation



- reinforcement sensitivity theory (RST) 134, 262–264, 275  
 approach motivation scales 264–266  
 cognitive psychology 307  
 joint subsystems hypothesis 263  
 personality neuroscience 278  
 and process-oriented perspectives 353
- Reinforcement Sensitivity Theory of Personality Questionnaire (RST-PQ) 265, **267**, 267  
 getting 266  
 reward reactivity 266  
 seeking 265–266
- rejection sensitivity, attachment theory 214
- relationship schemas 60; *see also* social relations
- reliability assessment, statistical software 510, 510–511, 531
- religious experience 23–24
- religiosity, cross-cultural studies 403
- replicability, factor analytic approaches 120–121
- reproductive outcomes, genetics 252
- Research Domain Criteria Initiative (RDoC) 184
- residues, behavioral 48–49
- response distortion 105, 107–108; *see also* social desirability effects
- response formats, organizational psychology 427–428
- retirement, development of personality 177
- retrograde amnesia example, self-judgments 341, 343
- reward dependence, norepinephrine system 276
- reward for application, cross-cultural studies 403
- reward-seeking behavior  
 adolescence 173–174  
 approach motivation scales 266  
 educational psychology 444  
 personality neuroscience 277–278  
*see also* approach-avoidance theories; behavioral approach-behavioral inhibition model
- Rhetoric* (Aristotle) 169
- risk-taking 195, 306
- Rogers, Carl 17
- Rorschach Inkblot test 103
- rotations, statistical software **508**, 509
- RST *see* reinforcement sensitivity theory
- ruminative 92, 445–446
- Rychlak, Joseph 24
- S and R analysis 496, 511, 520
- sadness, personality models 276–277; *see also* negative affectivity  
 satisficing 319
- scar model, psychopathology 185, **185**, 187–189
- Schedule for Nonadaptive and Adaptive Personality (SNAP) **267**, 268
- schizophrenia 188, 298, 455
- schizotypal personality disorder (STPD) 455
- schizotypy, cognitive psychology 298
- secure attachment 213
- security, value-orientations 416–417, **417**, 419
- security priming 210
- seeking, approach motivation scales 265–266
- seeking trait 276–277
- selection effects  
 over life span 175–177  
 physical health and personality 196–197
- selective attention *see* attentional bias
- selective models, evolutionary perspectives 226–228
- selective neutrality, evolutionary perspectives 229
- self 21
- self-actualization 24, 215–216
- self-concept 6, 339, 347–348  
 beliefs about the self 343–345  
 contextual personality 341–343  
 cross-cultural studies 406–407  
 episodic memory 340–341  
 hierarchical organization of self-knowledge 341, 342  
 life satisfaction/wellbeing 344–346, 345  
*raison oblige* theory 347  
 self-enhancement 339, 345–347  
 self-esteem 346–347  
 stability over time 343  
 temporal frameworks 340–341, 340  
 and traits 339–341, 345  
 unconscious elements of personality 70–71, 75–76
- self-control *see* self-regulation of behavior
- self-deception, in personality tests 485
- self-determination (SD) theory 331–333, 332, 336  
 cognitive science perspective 334–335  
 Five-Factor Model 335–336, **335**  
 issues with 336
- self-directedness 276
- self-direction 416–417, **417**, 419
- self-discipline  
 academic performance 440–441  
 crime 473  
*see also* conscientiousness
- self-efficacy 89–90, 432
- self-enhancement 21, 339, 345–347
- self-esteem 340  
 counter-productive work behavior 432  
 dependent personality disorder 454  
 narcissistic personality disorder 455  
 and self-concept 346–347  
 transactional models 391
- self-reflection 21–22, 174, 177
- self-regulated learning (SRL) 442–443
- self-regulation of behavior 6, 316, 325–326  
 affect and action 318  
 affects 317–318  
 approach-avoidance behavioral loops 318, 321  
 behavior problems 324–325  
 cognitive psychology 300, 308–309  
 crime 464  
 definitions 155  
 depressed affect 321–322  
 dual process models of functioning 322–324, 323  
 educational psychology 445–446  
 effortful emotional regulation 320  
 feedback loops 316–317, 317  
 hierarchical organization of behavior 323–324  
 impulse/constraint balance 322–324  
 multiple goals 319  
 positive affect and coasting 318–319  
 priority management 319–320  
 serotonin transporter system 324  
 transdiagnostic vulnerability 325
- self-report measures 103, 130  
 attachment styles 211  
 avoidance motivation 266–267  
 implicit/indirect 70, 76–77  
 issues with 3, 194–195, 199–200  
 self-concept 70–71
- self-schemas 300
- self-transcendence 276
- self-verification theory 347
- semantic level of organization, trilevel framework 2
- semantic memory, anxiety and depression 366
- Semantic Misattribution Procedure (SMP) **72**, 73–74
- sensation seeking  
 cognitive psychology 298  
 genetics 252

- personality structure models 118–119  
 testosterone 265  
 Sensation-Seeking Scale (SSS) 118–119  
 sequences of action, hierarchical organization of behavior 324  
 serotonin transporter system  
   agreeableness 281  
   approach–avoidance theories 266  
   5HTT gene 159–161  
   harm avoidance 276  
   neuroticism 279  
   self-regulation of behavior 324  
   stability trait 277  
 sex differences in personality 19  
   beliefs about the self 343  
   evolutionary perspectives 224–225  
   Five-Factor Model 130, 131  
   personality assessment 103–104, 106  
   trait approach 39  
 sexual aggression 468, **469**, 470  
 sexual jealousy  
   between-sex differences 224–225  
   evolved psychological mechanisms 224  
   within-sex differences 225  
 sexual orientation, stability 50  
 short-term orientation, Chinese Value Survey 401  
 shyness, homotypic stability 170  
 shyness-inhibition, cultural context of personality 392  
 single nucleotide polymorphisms (SNPs) 249–250  
 single-stimulus (SS) response formats 428  
 situational challenge *see* person-situation debate  
 situational 8 *see* DIAMONDS taxonomy  
 situations (current external conditions)  
   linkage mechanisms with environments/states/traits 63–65, 64  
   process-oriented perspectives 359–360  
   situation characteristics taxonomies 61–63, 62  
   situation class taxonomies 63  
   situation cue taxonomies 61  
   situation management strategies 64  
   and states 56  
   and state-trait statistical interactions 57–59, 58–59, 58–59  
   transactions with environments/states/traits 57  
   *see also* state-trait interactions and transactions  
 six-factor models 132–133; *see also* HEXACO model  
 sixteen-factor model 17, 116  
 Sixteen Personality Factor Questionnaire (16PF) 105, 107, 116  
 Skinner, B. F. 15–16, 22  
 smoking cigarettes 187–188, 252  
 social accuracy model (SAM) 52–53  
 social attributes, stability 50  
 social axioms, cross-cultural studies 403  
 social cognitive perspective  
   politics and personality 415, 419  
   and process-oriented perspectives 353–354  
 social complexity, cross-cultural studies 403  
 social desirability effects 105–106, 485; *see also* response distortion  
 social dilemmas 479, 481  
 social dominance, politics and personality 415  
 social investment theory 173–178, 392  
 social norms, tightness versus looseness 402  
 social perspectives 7, 20–21  
 social processes, cognitive psychology 300  
 social relations, and personality 7, 386, 394  
   actor-partner interdependence model 394  
   adulthood 390–392  
   childhood and adolescence 389–390  
   cultural context of personality 392–393  
   future research directions 392–393  
   influence of personality across life span 386  
   social support 387–389  
   socialization of children 387  
   statistical models overview 393–394  
   transactional models 391–392  
 social relations models (SRMs) 393–394  
   interpersonal accuracy 52  
   state-trait interactions and transactions 60–61, **61**  
 social status-seeking, testosterone 265  
 social support 387–388  
   and attachment 389  
   role of personality 388–389  
   structural versus functional 388  
   transactional models 392  
 social warmth, approach motivation scales 266  
 socialization effects, over life span 175–176  
 socialization of children 387, 407–408  
 sociocultural contexts *see* cultural contexts  
 sociocultural functions of emotions 83  
 socioeconomic status  
   behavioral economics 485  
   intelligence-personality relationship 146  
   in relation to personality traits 187  
 socioemotional competence 386  
 sociogenomic approaches 354, 360, 484  
 software *see* statistical software  
 somatic symptom reports 344–345  
 soul 21  
 source traits 38–39  
 South African Personality Inventory (SAPI) 404  
 specificity approach, physical health 193  
 spectrum model, psychopathology 185, **185**, 187  
 speech, cognitive psychology **301**, 305–306  
 speed versus accuracy tradeoff, animal personality 242  
 speeded responses **301**, 304–305  
 spillover hypothesis, animal personality 239  
 Spiritual Transcendence Scale 132–133  
 spirituality 21, 403  
 spontaneous impressions *see* interpersonal accuracy  
 stability  
   social attributes/sexual orientation 50  
   states 56–57  
   *see also* changes in personality; continuity over life span;  
   malleable versus fixed views of personality  
 stability higher-order trait 277; *see also* agreeableness;  
   conscientiousness; neuroticism  
 stability-inducing processes, Whole Trait Theory 356–357  
 states  
   accuracy of perception 50–51  
   approach–avoidance theories 261  
   and current external situations 56  
   emotional 81, 86  
   process-oriented perspectives 355  
   psychopathology 185, **185**, 189  
   stability 56–57  
 state-trait interactions/transactions 3, 56, 65  
   actor-partner interdependence model 59–60, 64  
   linkage mechanisms, situations and environments 63–65, 64  
   social relations model 60–61, **61**  
   states and psychological situations 56  
   statistical interactions 57–59, 58–59, 58–59  
   taxonomies 61–63, 62, **63**  
   traits and environments 56–57  
   transactions, situations and environments 57  
   units of analysis **57**  
 statistical analysis  
   animal personality 240  
   personality neuroscience 283–284

- statistical interactions, states and traits 57–59  
 statistical learning theory 513–514  
 statistical models, social relations 394  
 statistical software 8, 515  
   aggregated data 512–513  
   area under the curve 505, 506, 528  
   computational modeling 512  
   confirmatory factor analysis 509–510  
   correlation and regression 499–505, **501–502**, **501**, 504–505, 504, **504–505**, **504**, 506–509, **507–508**, 520  
   data, models, and residuals 497, **498–499**  
   decision-theory **504–505**, 504–505, **505**, 528  
   descriptive statistics 497–498, **498–500**, 520  
   exploratory factor analysis 505–506, 529–531  
   history of open source 495–497  
   latent variable modeling 505–510  
   main frame computers 495–496  
   mediators and moderators 502–503, 504, 523–525  
   regression and mediation approaches 498  
   relations between observed/latent variables 497–508  
   reliability assessment 510–511, 510, 531  
   rotations **508**, 509  
   S and R analysis 496, 511, 520  
   signal detection theory 506  
   statistical learning theory 513–514  
   statistical significance tests 498–499  
   structural equation modeling 510  
   within-subject variability 511–512  
   Thurstone correlation matrix **507–508**
- status-seeking, testosterone 265  
 stimulation, value-orientations 416–417, **417**; *see also* sensation seeking  
 strain theory, crime 463  
 Strange Situation Test, attachment styles 211  
 stress/stress reactivity  
   animal personality 239  
   attachment theory 213  
   physical health and personality 193–196  
 structural appraisal models, emotions 82  
 structural equation modeling (SEM) 104, 510  
 structural models *see* models of personality structure  
 structural social support 388  
 structural stability, development over life span 171  
 subjective versus objective observations 21–22  
 subjective experience 23–24  
 Subjective Happiness Scale 194–195  
 subjective value, educational psychology 443–444  
 subjective wellbeing (SWB) *see* wellbeing  
 substance abuse 131, 187–188  
 superfactors 298, 300; *see also* stability higher-order trait  
 support networks *see* social support  
 suppression strategies, emotional regulation 445–446  
 surgency dimension of temperament 158–159  
 swaddling hypothesis 20  
 symbolic information-processing 308, 336; *see also* information-processing models  
 symbolic level of organization, trilevel framework 2  
 syndrome definition of emotions 82
- task performance, organizational psychology 429  
 taxonomic models 115–117, 484  
 taxonomies of situational information, states and traits 61–63, 62, **63**
- temperament 4, 19, 155–156, 163  
   and attentional control 157, 159  
   behavioral approach versus inhibition systems 157–158  
   brain connectivity 155–157, 159, 163  
   candidate genes 159–160  
   *COMT* gene 160  
   definitions 155, 236, 386  
   development over life span 156–157  
   dimensions 156–159  
   *DRD4* gene 160–161  
   epigenetics 162  
   executive attention network 159–160  
   and Five-Factor Model 169  
   *5HTT* gene 159–161  
   future research directions 162–163  
   historical perspectives 156–157  
   longitudinal research 157  
   neurotransmitter systems 276  
   New York Longitudinal Study 157  
 Temperament and Character Inventory (TCI) 133, **267**  
 temperamental independence, and intelligence 142–143  
 temporal dimensions, anxiety and depression 365–366  
 temporal processes, Whole Trait Theory 356–357  
 tender-minded versus tough-minded dichotomy 14  
 terminology  
   animal personality 236  
   encoded personality differences *see* lexical hypothesis  
   *see also* definitions  
 TESSERA (Triggering situations, Expectancies, State/State expressions, and ReActions) framework 355–359  
 test anxiety, educational psychology 444–445  
 testosterone  
   agreeableness 281  
   approach–avoidance theories 265  
   extraversion 278  
 text-based sources of information, interpersonal accuracy 48  
*The Praeger handbook of personality across cultures* (Church) 400  
 Theophrastus 31  
 theory of mind, personality neuroscience 280  
 thirty-six-item questionnaire 117  
 threat systems  
   agreeableness 279–281  
   attentional bias 297, 304–305, 309  
   educational psychology 444  
   neuroticism 278–279  
   *see also* approach–avoidance theories; behavioral approach-behavioral inhibition model  
 three-factor models 132–133  
   crime 464  
   *see also* PEN model  
 Thurstone correlation matrix, statistical software **507–508**
- tightness, cross-cultural studies 402  
 tobacco smoking 187–188, 252  
 top-down approaches, personality structure models 115, 117–119;  
   *see also* psychobiological models  
 tough-mindedness 14, 414  
 tradition, value-orientations 416–417, **417**  
   trait approach to personality 1, 3, **16**, 18–19, 35–40  
   approach–avoidance theories 261  
   cognitive psychology 309–310  
   contemporary perspectives 352  
   cross-cultural studies 403–405  
   density distributions 355–356  
   development of personality over life span 169–170  
   dynamic *see* process-oriented perspectives  
   and environments 56–57  
   evolutionary perspectives 227  
   genetics 33  
   historical perspectives 17, 31  
   interpersonal accuracy 48–49  
   nature of traits 35–39  
   new Big Five framework 377  
   and personal preference 49

- politics and personality 415–419  
 predictive validity 34  
 and self-concept 339–341, 345  
 self-determination theory 335–336, **335**  
 stability over time 343  
 theoretical issues/problems 34  
 within-person trait variability 356  
*see also* Five-Factor Model; lexical hypothesis; models of  
 personality structure; person-situation debate; state-trait  
 interactions-transactions  
 trait EXP, process-oriented perspectives 356–359  
 trait mapping, cognitive psychology 296, 310  
 transactional models  
   development of personality over life span 175–177  
   social relations, influence of personality 391–392  
 transdiagnostic vulnerability, self-regulation 325  
 treatments *see* interventions to change personality  
 Triarchic Model of Psychopathy (TriPM) 454  
 trilevel explanatory framework, cognitive science 2  
 tripartite model, anxiety and depression 366  
 trust 90  
 trust game (TG), behavioral economics 479  
 truth bias, empathic accuracy 50–51  
 truth criterion 45, 124–125  
 twin studies 145, 186, 247–249  
   two disciplines of scientific psychology 14, 23–24  
 type A behavior pattern (TABP), and heart disease 193  
  
 UK Biobank 252  
 ultimatum bargaining game 479  
 uncertainty avoidance, cross-cultural studies 401  
 unconscious elements of personality 1, 3, 69, 77  
   automatic emotional appraisals 82  
   automatic processes measured 75–76  
   automatically activated beliefs 71  
   and behaviors 76–77  
   definitions 69–70  
   levels of awareness 70  
   self-concept 70–71  
   and self-report assessment instruments 103  
   *see also* indirect measures  
 unemployment, behavioral economics **482**, 483  
 unidirectional bargaining games 478–479, 479  
 unified theories *see* integrated theories  
 universalism, value-orientations 416–417, **417**, 419  
 Urgency (Negative Urgency) scale 325  
 utility value, expectancy-value model 443–444  
  
 value-orientations  
   cross-cultural studies 402–403  
   educational psychology 443–444  
   politics and personality 415–419, **417**  
 Varimax-rotation, personality structure models 122–123  
 vigilance 91  
 virtue, personality structure models 120  
 vulnerability model, psychopathology 185–186, 189  
  
 wanting, approach motivation scales 265  
 Watson, John B. 15–16  
 wellbeing 19–20  
   beliefs about the self 344–346, 345  
   measures of health outcomes 194–195  
   organizational psychology 434  
 Whole Trait Theory 353–357, 359  
 Windelband, Wilhelm 17  
 within-subject variability, statistical software 511–512  
 within-individual differences, animal personality 237  
 within-person trait variability, process-oriented perspectives  
   356  
 within-sex differences, evolutionary perspectives 225  
 work and organizational (W&O) psychology 8, 427,  
   435–436  
   behavioral economics 481–483, **482**  
   citizenship (contextual) performance 431  
   cognitive psychology 297–298, 310  
   core self-evaluations 431  
   counter-productive work behavior 431–433, 435  
   criterion-focused personality scales 430–431  
   job selection 434–435  
   Five-Factor Model 429–430  
   leadership 433  
   maladaptive personality styles 433–434, 435  
   models of personality structure 427–428  
   practical recommendations 435  
   prediction of behavior 429  
   research underpinnings 427  
   response formats 427–428  
   subjective wellbeing/occupational health. 434  
   *see also* job performance  
 working measure of truth, interpersonal accuracy 45  
 working models, internal 210–213  
 World Values Survey (WVS) 401–402  
 Wundt, Wilhelm 14  
  
 Yerkes-Dodson Law 307