

INDEX

- Ajzen's (1985) theory of planned behavior, 181
 anatomical imaging, 46
 Antibribery Convention (OECD), 225, 226
 association tests, 35–36
 attitude toward behavior
 decision frame, 183–184
 ethical fading, 184–185
 subjective utility, 182–183
 unawareness, denial, negative externalities
 rationalization, 185–186
- Becker, Gary, 10
 research, rational choice models, 239–247
- Becker-DeGroot-Marshak (BDM) auction
 mechanism, 70–73
- behavioral ethics, 13–14
- bias
 cognitive, 14
 conformity bias, 230
 conformity bias and, 213
 moral norms of bribery and, 214–216
 rationalizations, 23
 self-serving bias, 212, 225
- Bicchieri's social norms definition, 187, 188
- Big Pharma, 221, 229
- BOLD fMRI, 40
- bounded ethicality, 13
- brain structure, mechanics, 15–17
- bribery. *See also* corruption
 biases, rationalizations, 23
 brain structure, mechanics, 15–17
 counteracting means, 23–24
 decision-making processes, 22–23
 definition, 2–5
 empirical vs. normative study of, 9–10
 forms of, 3–4
 general vs. legal definition, 4–5
 goods, services and, 5–6
 history of, 1
 impact of, 6–7
 modern world and, 1
 moral cognition and, 17–19
 moral costs, 104, 114–115
 norms, 21–22
 preemptive vs. ex post, 108–111, 111f
 psychological insights into, 19–21
 research on, 1–2
 as secondary offense, 103–105
 social fabric and, 7
 study of, 5–9
- bribery, control of. *See also* rational
 choice models
 Becker research, rational choice models,
 239–247
 current programs, 247–251
 future research, 257–260
 law enforcement and, 240–241
 models, 239–242
 science of the mind role, 251–257
- bribery activity
 Big Pharma, 221, 229
 China, 220–221
 conscious self-interests and, 216–217, 221–222
 denial of victim and, 219
 moral compass adjusting, 217–219, 222–224
 moral disengagement, 223
 self-permission to sin, 219–221, 224
 self-serving bias and, 225
 Singapore vs. Malaysia, 219
 social weighting and, 220, 224
- Bribes, The Intellectual History of a Moral Idea*
 (Noonan), 7

- China, 220–221
 Civil Rights Act of 1964, 227
 Code of Hammurabi, 1
 Code of Urukagina, 1
 cognitive biases, 14
 cognitive dissonance, ethical fading, 106–107
 cognitive neuroscience, 11–12
 concentration of power, 199–200
 conflict of interest questions, 170f
 conflicting norms, 86
 conformity bias, 230
 moral norms of bribery and, 214–216
 conscious self-interests, 216–217, 221–222
Controlling Corruption (Klitgaard), 8
 corruption, corruption reduction
 changing attitudes, 195–196
 concentration of power and, 199–200
 defined, 2–5, 180
 ethical fading and, 106–107, 184–185, 196
 financial vs. ethical decision and, 179
 institutional change, 198–199
 monitoring systems, 199
 norm changing, creation, 197–198
 outcomes, 180
 prosocial policies and, 199
 social learning theory and, 196
 UN diplomat parking and, 198, 215
Corruption and Government
 (Rose-Ackerman), 7
 Corruption Perception Index (CPI), 96, 228
 cultural influences, 139–140, 141f, 142, 144–145
- decision frames, 183–184
 cultural influences, 139–140, 141f, 142,
 144–145
 decision neuroscience and, 143
 economic frame, 126–127, 136–137, 140
 ethical frame, 125–126, 133–134, 137–138,
 140–142
 identity and, 135, 144
 institutional environment, 140
 medial prefrontal cortex (MPFC) responses
 and, 133–134
 mixture of, 128, 129f, 130
 moral identity, 137–138
 organizational identity, 136–137, 137f
 professional identity, 138
 relational frame, 127–128, 134, 138–140,
 142
 relationship-based cultures, 142
 research conclusion, future directions,
 142–146
- sleep deprivation (SD) and, 130–135, 132f, 143
 social identity, 127–128, 134, 138–140
 social norms, 140–142
 decision neuroscience, 143
 decision-making processes, 22–23
 denial of victim, 219
 deontological vs. consequentialist
 approach, 211
 deontology and sacred values, research, 67–68
 Becker-DeGroot-Marshak (BDM) auction
 mechanism, 70–73
 general linear models (GLMs), 73–74, 75t, 76
 MedBid, Cons variables, 72–73
 neuroimaging acquisition, analysis, 73–74,
 75t, 76
 participants, 69
 procedure, 70
 results, 76–77
 study results, discussion, 79–80
 Tobit regression model, 72
 trial structure, 71f
 ventrolateral prefrontal cortex (VLPFC),
 ventral stratum (VS), 69, 77, 78f, 79–80
- Deuteronomy* 16:19, 9
 Donaldson, Tom, 10
 dual process theory, 12–13
 Dunfee, Tom, 10, 14
- economic frame, 126–127, 136–137, 140
 electroencephalography (EEG),
 magnetoencephalography (MEG), 43–45
 empirical vs. normative study of bribery, 9–10
 ethics
 behavioral ethics, 13–14
 bounded ethicality, 13
 ethical fading, 14, 106–107, 184–185, 196
 ethical frame, 125–126, 133–134, 137–138,
 140–142
 financial vs. ethical decisions,
 corruption, 179
 European Union (EU), 6
- financial vs. ethical decisions, corruption, 179
 Foreign Corrupt and Practices Act (FCPA),
 US, 105, 117, 225
 functional magnetic resonance imaging
 (fMRI), 37, 40–42
 future research, 257–260
- general linear models (GLMs), 73–74, 75t, 76
 genetics, candidate gene approach, genome-
 wide association studies, 52–53

- Githongo (Kenya), 246
 GlaxoSmithKline (GSK), 126–127
 group-based morals, loyalty, implications for
 corruption, 94–96
 group-independent vs. group-based
 morality, 92–94
- Heidenheimer, Arnold, 2
 Heinz Dilemma, 89
 Hess, David, 14
 Hong Kong, 254–257
 hypocrisy, moral hypocrisy, 86–88, 95
- identity, 135, 144
 moral identity, 137–138
 organizational identity, 136–137,
 137f
 professional identity, 138
 social identity, 127–128, 134,
 138–140
 Social Identity Theory, 138–139
 Independent Commission Against Corruption
 (Hong Kong), 255
 individualism, decision-making, 245–246
 inference
 association tests, 35–36
 necessity tests, 36
 sufficiency tests, 36
 V₃ cortical area impairment, 35
 institutional change, 198–199
 Inter-American Convention Against
 Corruption (IACAC), 225
 International Monetary Fund (IMF), 6
- Johnson & Johnson, 179
 Johnston, Michael, 2, 3–4
- Kenya, 246
 Klitgaard, Robert, 8
- law enforcement, 108, 116, 240–241
 lesion studies, 48–49
 loyalty vs. fairness values, whistler blower's
 dilemma, 89–92
- Macbeth* (Shakespeare), 103
 Malaysia, 255
 MedBid, Cons variables, 72–73
 medial prefrontal cortex (MPFC) responses
 and, 133–134
 Mencius, 1
 monitoring systems, 199
- morality, moral trade-offs
 conflicting norms and, 86
 corruption, selfishness and, 88–89
 Corruption Perception Index, 96
 group-based morals, loyalty, implications
 for corruption, 94–96
 group-independent vs. group-based
 morality, 92–94
 Heinz Dilemma, 89
 hypocrisy, moral hypocrisy, 86–88, 95
 imperialism, 8
 loyalty vs. fairness values, whistler blower's
 dilemma, 89–92
- morality, morality trade-offs
 group-independent vs. group-based
 morality, 92–94
 moral cognition, 17–19
 moral compass adjusting, 217–219, 222–224
 moral costs, 104, 114–115
 moral decisions, 210–212
 moral disengagement, 223
 moral hypocrisy, 86–88, 95
- near-infrared spectroscopy (NIRS), 45–46
 necessity tests, 36
 Nehru, 227
 neuroeconomics, 56–58
 neuroimaging acquisition, analysis, 73–74,
 75f, 76
- neuroscience methods
 application in social sciences,
 neuroeconomics, 56–58
 combined methods, 55–46
 peripheral nervous system activity
 measures, 54–55
 neuroscience methods, neurochemical systems
 linked to mental functions
 genetics, candidate gene approach,
 genome-wide association studies, 52–53
 pharmacology, 53–54
 positron emission tomography (PET), 51–52
 neuroscience methods, regional neural activity
 linked to mental function tests, 38–39f
 anatomical imaging, 46
 BOLD fMRI, 40
 electroencephalography (EEG),
 magnetoencephalography (MEG), 43–45
 functional magnetic resonance imaging
 (fMRI), 37, 40–42
 invasive recordings, 46–47
 lesion studies, 48–49
 near-infrared spectroscopy (NIRS), 45–46

- neuroscience methods, regional neural activity
 linked to mental function tests (*cont.*)
 positron emission tomography (PET), 42–43
 transcranial direct current stimulation
 (tDCS), 50–51
 transcranial magnetic stimulation
 (TMS), 49–50
- Noonan, John, 7
- norms, 21–22. *See also* social norms
 actual bribery norms, 226–227
 bribery activity and, 216–226
 changing, creation, 197–198
 conflicting norms, 86
 conformity bias and, 213, 214–216, 230
 deontological vs. consequentialist
 approach, 211
 formal, 207
 informal, 207
 moral decisions and, 210–212
 moral norms of bribery, 214–216
 norm changing, creation, 197–198
 perceived bribery norms, 227–230
 personal normative beliefs, 187
 prescriptive, 207
 self-serving bias and, 212, 225
 situational factors, 212
 social norms, 140–142
 social vs. moral, 207–211
 trolley experiments, 211–212
 types of, 206–207
 UN diplomat parking and, 198, 215
- Oriental Hearts and Mind Institute
 (Malaysia), 255
- Pakistan, 251–253
- paradox of corruption, 14
- peripheral nervous system activity
 measures, 54–55
- personal normative beliefs, 187, 189–190
- pharmacology, 53–54
- positron emission tomography (PET),
 42–43, 51–52
- prescriptive norms, 207
- prosocial policies, 199
- psychological insights, 19–21
- Qur'an*, 9
- rational choice models, science of mind, 242
 beyond rational choice approach, 247
 cost-benefit analysis, 243–244
- individualism decision-making, 245–246
 one “correct” result implication, 246–247
- rational criminal model, 112, 116–117
 augmented, 112–113
 proof of assertions, 117–118
- rationalizations and personal sacrifice
 reminders, research, 155–156
 additional research contributions, 174
 COI questions, 160
 conflict of interest questions, 170*f*
 control condition, 158*f*
 participants, 156–157, 159*f*, 164*f*
 rationalization statement, 163
 receiving gifts acceptability, 160*f*
 regression models using ratio scale,
 results, 171*f*
 results, 162
 sacrifice reminder questions, 157–158, 158*f*,
 160*f*, 169*f*
 sample size, 160–161
 samples, randomized groups differences,
 162–163, 172*f*
 statistical analysis, 161–162
 study design, 157–161
 study limitations, 168
 study program characteristics, 172–174*f*
 suggested rationalization condition, 158*f*
 supplemental information, 169*f*
- receiving gifts acceptability, 160*f*
 regression models using ratio scale,
 results, 171*f*
- relational frame, 127–128, 134, 138–140, 142
- relationship-based cultures, 142
- research conclusion, future directions, 142–146
- Rose-Ackerman, Susan, 7
- sacred values. *See* deontology and
 sacred values
- sacrifice reminder questions, 157–158, 158*f*,
 160*f*, 169*f*
- science of mind, 10
 behavioral ethics, 13–14
 bounded ethicality, 13
 cognitive biases, 14
 cognitive neuroscience, 11–12
 dual process theory, 12–13
 ethical fading, 14
 paradox of corruption, 14
 reward, 12
 role, 251–257
 self-image, 12
 self-efficacy, 194–195

- self-image, 12
- self-permission to sin, 219–221, 224
- self-serving bias, norms, 212
- Sensemaking Intuition Model (SIM), 125
- Shakespeare, William, 103
- Singapore vs. Malaysia, 219
- situational factors, 193, 212
- sleep deprivation (SD), 130–135, 132*f*, 143
- social identity, 127–128, 134–134, 138–140
- Social Identity Theory, 138–139
- social learning theory, 196
- social norms, 140–142
 - action control, 193–194
 - Bicchieri's definition, 187, 188
 - conditional preference and, 188
 - definition, 186–197
 - empirical expectations and, 191–193
 - moral vs., 207–211
 - normative expectations and, 190–191
 - personal normative beliefs and, 187, 189–190
 - self-efficacy, 194–195
 - situational opportunities, 193
 - theory of planned behavior (TPB), 186–188
- social weighting, 220, 224
- Sri Guru Granth Sahib*, 9
- Stigler, George, 10, 239
- sufficiency tests, 36
- theory of planned behavior (TPB)
 - attitude toward behavior, 182–186
 - behavior determinants, 181–182
 - empirical expectations of individuals and, 187–199
- Tobit regression model, 72
- transcranial direct current stimulation (tDCS), 50–51
- transcranial magnetic stimulation (TMS), 49–50
- Transparency International, 8
- trolley experiments, 211–212
- Ultimate Game, 41
- UN diplomat parking, 198, 215
- unfettered rationality, 244–245
- United Nations Convention Against Corruption, 6, 225, 226
- V₅ cortical area impairment, 35
- ventrolateral prefrontal cortex (VLPFC), ventral stratum (VS), 69, 77, 78*f*, 79–80
- von Alzman, Ulrich, 2
- whistler blower's dilemma, loyalty vs. fairness values, 89–92
- World Bank, 3, 8, 180, 256