

Index

A

- Adaptation, 5, 11, 45, 47, 63, 68, 207,
215–217, 222, 223, 226, 229, 230, 293,
317, 318, 328, 331–333
- Addictive behavior, 124–127, 130, 131, 133,
134, 136, 137, 190
- Adults, 8, 11, 13, 15, 17, 21, 46, 49, 55, 61–63,
67, 71, 75, 87, 89–93, 95, 98–100, 104,
128, 149, 155–165, 168, 169, 178, 180,
182, 188, 190, 206, 247–253, 255, 263,
265, 266, 270, 271, 290, 293, 294, 301,
304–306, 308, 325, 333
- Aging, 17, 149, 150, 155–160, 163–165, 168,
169, 254, 255, 290, 307–309
- Alzheimer's disease, 166, 254, 303
- Asian culture, 321, 324–326
- Asymptomatic neurocognitive impairment, 262

B

- Basal ganglia, 11, 17, 35, 38, 50, 135, 136,
143, 144, 168, 219, 267–269, 291, 309,
310
- Behavioral control, 11–13, 125, 136, 231
- Bilingualism, 299–309
- Brain plasticity, 300

C

- Cingulate cortex, 17, 19, 32, 64, 104, 136, 182,
252, 253, 289, 310
- Cognates, 306
- Collectivistic cultures, 321
- Colombian ex-combatants, 224, 230–232
- Concussion, 83, 84, 87–92, 97–101, 104, 105
- Criminal behavior, 201, 202, 231, 232
- Cross cultural neuropsychology, 318, 330–332

- Cross cultural testing, 320, 322, 324, 326–332
- Culture, 165, 300, 318–324, 326–332

D

- Dementia, 144, 145, 147, 148, 157, 165–167,
169, 251, 254, 262, 307, 308, 311, 332
- Depression, 7, 19, 53, 55, 73, 74, 86, 103, 105,
145, 223, 232, 241–255, 264, 270, 273
- Depressive disorder, 74, 242–246, 248–250,
255
- Dual language, 301–303, 306, 311
- Dysexecutive Syndromes, 3, 18–21, 29, 104,
123, 128, 129, 156, 158, 164, 165, 191,
242, 250, 317

E

- Early-onset depression, 250, 254
- Emotional process, 165, 169, 216, 217, 220,
221, 223, 224, 228–230, 232
- Executive control, 15, 17, 47, 49, 50, 64, 89,
92, 123, 125, 131, 145, 158, 161, 163,
166, 179, 215, 217, 219–222, 226, 228,
230–233, 271, 305, 309, 323
- Executive dysfunction, 18, 21, 30–32, 45, 47,
50, 53, 64–67, 69–72, 75, 91, 92, 96,
102, 103, 105, 106, 109, 123, 126, 129,
130, 134, 136, 137, 144, 146–148, 165,
169, 177, 180, 183, 190, 208, 226, 228,
244, 249, 251, 254, 262, 264, 265, 271,
274
- Executive Function, 4, 12, 20, 34, 84, 91, 94,
95, 128, 147, 292, 294, 321, 323, 333
- Executive planning, 216

F

Frontal lobe, 4, 6, 10, 18, 19, 29–32, 37, 38, 66, 71, 84, 104, 144, 146, 148, 155–158, 162, 163, 165, 167, 168, 191, 228, 242, 255, 262, 264, 268, 272, 273, 287, 290, 292, 294, 310

G

Globus pallidus, 144, 150

H

HIV-associated neurocognitive disorder, 262
Huntington's disease, 38, 143–146, 150, 309

I

Impulsivity, 31, 45, 46, 48, 49, 95, 124, 126, 127, 133, 134, 137, 164, 189–191, 203–205, 210, 328
Individualistic cultures, 321
Inflammation, 265, 266, 270
Inhibitory control, 11, 29, 34, 36–38, 47–49, 54, 88, 92, 94, 100, 124, 126, 131–133, 135–137, 145, 156–160, 167, 179, 183, 187, 190, 192, 205, 221, 222, 231, 241, 242, 245, 247, 250–252, 262, 268, 270, 271, 288, 292, 293, 308, 310

L

Late-life depression, 251, 254

M

Mild cognitive impairment, 145, 157, 165, 254, 308
Mild neurocognitive disorder, 262
Monolinguals, 300, 301, 303, 305–308, 310, 329

N

Neuroimaging, 14–16, 18, 30, 33, 38, 50, 64, 69, 70, 87, 88, 105, 107, 134, 144, 155, 165, 168, 181, 191, 215, 253, 267–269, 305, 310, 321, 332
Neurological disorders, 157, 166, 168, 254, 301, 307, 311, 330
Neuropsychological assessment, 50, 84, 87, 88, 109, 148, 149, 206, 289, 290, 293, 294, 301, 303, 311, 317–320, 322, 331–333
Neuropsychology, 3–5, 21, 288, 290, 294, 320, 322, 323, 330, 331
Normative data, 291, 306, 311

O

Orbitofrontal, 15, 16, 19, 31–34, 71, 125, 126, 134–136, 155, 205, 208, 209, 216, 242, 252, 289, 291, 292

P

Parietal lobe, 33, 34, 36, 38, 143, 162, 182
Parkinson's disease, 167, 309
Planning, 4, 5, 9, 10, 17, 20, 29, 46–50, 63, 65, 67, 68, 72, 73, 75, 84, 94, 95, 105, 107, 108, 126, 129, 133, 134, 144–146, 149, 156–160, 164, 166–169, 178, 187, 192, 206, 209, 231, 241, 242, 245–248, 250, 253, 255, 266, 287–289, 291, 292, 294, 317, 320, 328
Prefrontal, 6, 10, 15, 18, 30–34, 37, 38, 45, 51, 66, 71, 104, 127, 135, 136, 144, 148, 149, 161, 206, 208, 252, 253, 266, 287, 288, 292
Prefrontal cortex, 10, 11, 14–17, 19, 30–35, 50, 69, 124, 125, 134–136, 143, 146, 147, 206, 208–210, 219–223, 242, 252–254, 268, 269, 288, 290–292, 310
Psychopathy, 205–210, 219, 232

S

Social context, 45, 52, 216, 221, 230, 300
Spanish-speaking population, 291, 292
Stress, 86, 101, 108, 127, 186, 188, 229, 271–273, 308
Striatum, 125, 135, 144, 150, 155, 167, 169, 182, 183, 262, 269, 309
Subcortical, 14, 30, 33–35, 37, 38, 51, 71, 92, 98, 134, 136, 143, 147, 148, 150, 155, 167, 217, 219, 221, 222, 250, 253, 254, 271, 288, 291, 309, 310
Supplementary motor areas, 19, 35, 38, 104, 143

T

Test construction, 331, 332
Thalamus, 14, 33–35, 37, 38, 134, 135, 143, 144, 146, 147, 150, 168, 217, 219, 223, 291, 310
Traumatic Brain Injury, 83, 85, 91, 92, 97, 307

V

Violent behavior, 202–210, 216, 223, 231–233