

INDEX

- Ackerly, Spafford, 115, 116
 affective disorders, 167–168
 African Americans, 216, 230, 245–246, 248–249
 Ager, Emma, 111
 air pressure research, 69–70
 alcohol use and abuse, 49, 120, 138, 265–266
 American Association/Society of Neuropathologists, 79, 215
 American Board of Psychiatry and Neurology, 84–86, 216
 American Field Service Scholarship, 48
American Journal of Neurology, 136
American Journal of Psychiatry, 114, 230
 American Medical Association (AMA): annual meetings, 122–123, 201; journal of, 114, 248, 293; Nervous and Mental Diseases section, 79–80; on psychosurgery, 139; W. F.'s exhibits at conventions, 122–123; W. W. Keen's participation, 16, 81
 American Neurological Association/Society, 71, 168
 American Psychiatric Association (APA): annual conferences, 194, 213, 233, 299; early lobotomy criticism, 135; founding of, 72; nomenclature of psychiatric diseases, 78; psychosurgery on children, 306; Rush's recognition by, 18; on state institution overcrowding, 179
 amygdectomy, 213
 anesthesia, 145–148, 185–186, 192, 196, 209, 242
 angiography, cerebral, 87, 95, 98–99, 227
 animal testing, 51, 200–201
 Ankers, James, 211–212
 antipsychiatric movement, 305–306
 antipsychotic drugs, 226, 253, 254, 255
 antiseptics, use of, 28
 anxiety, role of frontal lobes in, 14
Archives of Criminal Psychodynamics, 61
Archives of Neurology and Psychiatry, 70–71, 107, 230
 Army Medical Museum, 56
 Arnold, William, 241
 artwork, 81, 231–232, 301
 Associated Press, 168, 240
 Association for Research in Nervous and Mental Disease, 210
 Association of Medical Superintendents of American Institutions for the Insane, 19
 asylums, 60, 73. *See also* state-run mental institutions
 Atascadero State Hospital, 266, 267, 299
 Athens State Hospital, 251, 271
 Ator, Henry, 144, 198
 autopsies, 47, 51–52, 62, 68, 74, 303
 awards and honors: Davidson Prize, 160; Horsley Prize, 167; lack of satisfaction with, 303; Lisbon Academy of Sciences, 223; pursuit of Nobel Prize, 227; from University of Pennsylvania, 303
 Barton, Daniel, 122
 Battie, William, 125
 Beam, Alex, 254
 beards, 49, 259
 Becky (chimp), 90, 96–97
 Bennett, Abram, 131, 242, 266
 Berman, David, 189
 Bini, Lucio, 130
 Biologically based vs. psychologically based psychiatry, 125–126, 128, 134, 308–309
 biometrical evaluation, 67–68
 Blanton, Tom, 58
 Bleckwenn, William, 69
 board certification, 84–86
 body measurements, and correlation with mental disease, 67–68
The Book of It (Groddeck), 70–71
 books. *See* published works
 Borden, Lizzie, 21
Boston Traveller, 232
 bowssening, 128
 brain: cerebral angiography, 87, 95, 98–99, 227; early surgeries on, 103–105; mapping functions of, 16–17; of schizophrenic patients, 68; yeast infections of, 47
 brain tumors, 29, 96
 Breggin, Peter, 305–306
 Brickner, Richard, 96, 119
 Brier, Archibald J., 10
British Medical Journal, 231
 Broca, Paul, 16
 Brown University, 27
 Bryn Mawr College, 63
 Buchstein, Harold, 180
 Bullard, Dexter, 13, 86, 135–136
 Burckhardt, Gottlieb, 16–17, 20, 104
 Burr, Charles W., 39
 California: Herrick Memorial Hospital, 210, 242–243, 252, 266, 291–293; medical board examination, 259; private practice, 266, 282, 297, 303; state hospitals, 266–267, 271; W. F.'s love of, 257; W. F.'s move to, 258–259, 261
 Camarillo State Hospital, 308
 Camp Dix, 40–41
Canadian Medical Association Journal, 281

- cancer, 44, 194–195, 264, 292, 296, 303–304
 cannula, 143, 219
 carbon dioxide treatment, 69, 266
 Cartier, Gladys, 212
 Casualty Hospital, 190
 catatonic patients, 69
 Catholicism, 64, 66, 136, 207
 Central Intelligence Agency (CIA), 287–288
 Central State Hospital (Milledgeville, Georgia), 60, 245
 cerebral angiography, 87, 95, 98–99, 227
 Cerletti, Ugo, 130
 Charcot, Jean-Marie, 19, 48, 125
 Charles Thomas, 163, 229
Chase v. Groff, 307
 Cherokee State Hospital, 245
 Chestnut Lodge Hospital, 308–309
 Chicago Neurological Society, 137
 children, lobotomies on, 174–176, 267, 306
 chimps, lobotomy research, 96–97
 “china doll phenomenon,” 145
 chlorpromazine, 226, 253, 254, 255
 Christmas cards, 267, 279
 Cid, Sobral, 102, 103
 Civil War, 27–28
 Clark, Samuel, 130
 Cleveland, David, 231
 Cleveland, Grover, 29
 Columbia-Greystone Project, 218
 Columbia University, 63, 214
 communism, 285–288
 community-based psychiatry, 268
 consent, of patients, 109, 307–308
 correspondence: with Hirose, 304; with Moniz, 106, 107–108, 113–114, 118–119, 151, 198, 222, 247; with Corria, 267, 272, 278–279
 Corria, Ramirez, 106
 Cosgrove, G. Rees, 310, 311
 criminals, 288–290, 306, 307–308
 curare, 131, 242
 Cushing, Harvey, 88, 90, 164

 Dandy, Walter, 96, 105
 Dannecker, Harry A., 169–170
 Daveler, Theodore, 29
 Davidoff, Leo, 288
 Davidson Prize, 160
 Davis, Loyal, 137
 Dax, Eric, 166
Daybreak (Slaughter), 255–256

 D.C. General Hospital, 80
 deaths, of patients, 171–172, 279–280
 Delaware state hospitals, 271
 Delay, Jean, 226
 demonstrations. *See* presentations and demonstrations
 Depression, Great, 78
 depression, treatment of: leucotomy, 10, 102, 111, 113; lobotomy, 120–121, 168, 281; transorbital lobotomy, 187, 193, 197
 Derian, Patricia, 244–245
 Di Cicco, Frank, 290
 Dictaphone use, 162, 251
 Doctors’ General Hospital, 291
 Dogliotti, A. M., 182
 driving skills, 36, 158, 300
 drug therapy, 226, 253, 254, 255
 Ducoste, Maurice, 182
 Dulles, Allen, 42

 Eakins, Thomas, 28
 education: early, 23; in Europe, 48–53; Georgetown graduate studies, 75; internship, 44–47; Mayo Clinic, 39; residency at University Hospital, 47; University of Chicago summer school, 37–38, 39; University of Pennsylvania medical school, 38–39, 41–43; Yale undergraduate, 33–37
 Einstein, Albert, 223
 El Camino Hospital, 268–269, 270
 electroconvulsive anesthesia, 185–186, 192, 196, 209
 electroshock therapy, 130–133, 236, 242, 266, 269, 290
 elephants, research on, 51–52, 54
 Elliot, Edith Farmer, 241
 England, 219–222, 225
 Esquirol, Jean-Etienne, 126
 ethics: in Germany, 224; medical community’s debates over, 117, 135–136; Moniz’s leucotomies, 102–103; in Soviet Union, 224; W. F.’s views, 124, 135, 225
 exercise, 155
 eyeglasses, loss of at Yellowstone, 177

 fan mail, 232–233
 Fantuzzi, Robert, 301
 Farmer, Frances, 241–242
 fascism, 52
 Fernandez-Moran, Humberto, 221

 Fiamberti, Amarro, 182, 210
 films, instructional, 162–163, 184, 211–212, 222
A Fine Madness, 290
 fish equilibrium experiment, 67
 Foothill Professional Corporation, 282
 Forester, Angelene, 187–188
 Foville’s syndrome, 43
 France, 48–51, 225–226
 Frances, 241
 Franklin, Marjorie. *See* Freeman, Marjorie Franklin
 Franklin, Roger, 55, 62
 Frazier, Charles H., 45–46, 89
 Freeman, Corinne Keen: after Walter Sr.’s death, 44; ancestry, 21; birth of W. F., 20; childhood of, 21; courtship and marriage, 20; death of, 81–82; parenting style, 25–26; in Paris, 49; Washington D.C. trip, 56
 Freeman, Dot, 24, 63
 Freeman, Franklin: baptism, 66; birth of, 65; camping trips, 158; on father’s devotion to lobotomy, 162, 291; on father’s extramarital affairs, 208; on father’s Nobel Prize quest, 227; on Frances Farmer, 241; on grandfather Keen, 81; Keen’s death, 205; military service, 176; personality of, 160; poems written for, 155–156; at transorbital lobotomy demonstrations, 210, 242; on transorbital lobotomy patients, 198
 Freeman, Keen, 93, 154, 157, 160, 201–208
 Freeman, Lorne: baptism, 66; birth of, 65; boyfriends, 157; death of, 312; father as “Henry Ford of Psychiatry,” 248; Keen’s death, 204, 205; at Stanford, 157, 176–177; summer in Paris, 93; support of father, 300; Yellowstone trip, 110
 Freeman, Marjorie Franklin: alcohol use, 161, 265–266, 294–295; amputation of leg, 303; California move, 264–265; camping trips, 158; death of, 303; educational background, 62–63; engagement and marriage, 63–64; as grandmother, 295; hip injuries, 159, 295; job with U.S. Tariff Commission, 62,

- 63, 161; Keen's death, 204, 205, 207, 208; marriage difficulties, 162, 264, 294–295; Medical Society of the District of Columbia auxiliary president, 216; on meeting W. F., 62; in nursing home, 295, 302; personality of, 63; pregnancy and childbirth, 64, 65, 120; travel of, 94, 151, 152
- Freeman, Morris De Camp, 23
- Freeman, Norman, 23, 24, 162, 172, 270
- Freeman, Paul: baptism, 66; childhood trips and experiences, 158, 206; Keen's death, 205; at Langley Porter presentation, 267; on mother, 294–295; on parents' marriage difficulties, 264; personality of, 160; on Randy's death, 298–299; at Stanford, 176; at transorbital lobotomy demonstrations, 210, 242, 243; visits to father's grave site, 311–312
- Freeman, Randy: birth of, 93; childhood experiences, 154, 157; death of, 298–299; health issues, 295; Keen's death, 205, 207; personality of, 160, 202
- Freeman, Richard, 23, 24
- Freeman, Walter Jackson: admiration of grandfather, 121; appearance of, 49, 83–84, 89; birth of, 20; Burckhardt's influence over, 20; career decision, 36–37; childhood of, 21–27; contemporary view of, 311; courtship and marriage to Marjorie, 62–64; courtship of M. James, 47–48, 49, 54, 55; death of, 304; fame of, 231–232; friendships of, 23; grave site, 311; Keen's death, 207–209; life phases, 284; patients on, 310–311; personal flaws and failures, 254, 284–285; personality and disposition of, 15, 26, 39, 91–92; political identification, 151–152; portraits of, 231–232, 301; private practice income, 154; relationships with children, 66; relationships with siblings, 23–24; relationship with father, 24–25, 36, 43–44; relationship with grandfather, 31–32; relationship with mother, 25, 26, 81–82; response to critics, 137–138; surgical credentials, 121–122; on Washington summers, 160
- Freeman, Walter Jackson, Sr. (father), 20, 22, 24–25, 36, 43–44, 157
- Freeman, Walter (son): autopsy table incident, 67; baptism, 66; birth of, 65; childhood trips, 158; on father, 66, 262, 268; Keen's death, 205, 207; military service, 176; on mother, 66, 207; personality of, 160
- French, Lyle, 244
- Freud, Sigmund, 39, 54, 61, 72–73, 126–127, 270, 296
- friendships, 23
- frontal lobes, role of, 90, 95–96, 100, 183, 310
- Fulton, John Farquhar: on first lobotomy, 15; intervention in *Saturday Evening Post* incident, 168; on mental disease, 128; on Moniz's leucotomy inspiration, 97–98; on Moniz's work, 108; *Psychosurgery* support, 166; support of W. F./Watts, 119; in Sweden at start of WWII, 153; on transorbital lobotomy, 199–200; Watts's friendship with, 89–90
- functional neurosurgery, 310
- fundraising, lack of success at, 119
- Gage, Phineas, 103
- Gallinger Hospital, 80, 178, 275
- gastroenterology, 39
- Georgetown University, 73–74, 75
- George Washington University: after WWII, 178, 215; archival collection, 68; founding of, 83; MS treatment center, 88; neurological laboratory, 83; W. F.'s classroom methods, 92; W. F.'s departure, 258, 260; W. F.'s job with, 74–75, 215, 257; in W. F.'s will, 258; during WWII, 154
- George Washington University Hospital, 7, 91, 122, 194, 275–276
- Georgia state hospitals, 60, 245
- Germany, 151–153, 223–224
- Gettysburg, Battle of, 28
- Gill, Richard, 131
- Godlee, Rickman, 29
- Goodwin, George, 40
- Gorgas, William, 31
- grandchildren, trip with, 299
- Grant, Francis, 217
- Groddeck, Georg, 70–71
- Groh, Bob, 153, 154
- gyrectomy, 219
- Haas, Frank, 238–239
- Hall, Winthrop, 57
- Hammatt, Alice Hood, 7–14, 111
- Hammatt, Theodore Dudley, 9
- Hanshew, Ella, 139–140
- Harrison, Bella, 212, 213
- Harvard University, 214
- Hassid, Josef, 278
- Hastings State Hospital, 244
- Hawaii, lobotomies done on criminals, 289
- health issues: in California, 264; childhood, 21; in college, 35–36, 38; during European studies, 50; gastrointestinal problems, 154–155; later years, 292, 295–296, 303–304; nervous breakdowns, 77–78; stroke, 245
- Henley, Oretha, 150–151
- Hennessy, Paul K., 120, 269
- Henry, Tom, 115–116
- Herrick Memorial Hospital, 210, 242–243, 252, 266, 291–293
- hiking, 263–264, 292, 296
- Hirose, Sadao, 221, 281–282, 302, 304
- homes and apartments: California, 259, 264; Washington D.C., 57, 64, 65, 260
- Horsley, E. Victor, 16
- Horsley Prize, 167
- Hrdlicka, Ales, 57
- Huey, Denis “King,” 267
- Hunt, Thelma, 165
- Huntington State Hospital, 247
- hypochondriacs, 120
- hysteria, 125–126
- IBM equipment, 251–252
- ice pick, 183
- Incas, 57, 103
- indexes, writing of, 76
- infantile behavior, 93, 149
- informed consent, of patients, 109, 307–308
- insulin shock therapy, 113, 129, 131–132
- insurance claims, 191–192
- intelligence, 148–149, 211

- International Congress/Conference on Psychosurgery, 222–223, 226, 301, 302
- International Congress of Neuropathology, 302
- International Congress on Mental Hygiene, 79
- International Medical Congress (1890), 16
- International Neurological Congresses, 94–98, 151, 225
- International Surgical Congress, 50
- internship, 44–47
- intracranial pressure, 16
- investments, financial, 44
- Ionesco, Ellen, 187–188, 310–311
- Ionia State Hospital, 307
- Iowa state hospitals, 245
- Jacobsen, Carlyle, 96–97
- James, Madeleine, 47–48, 49, 54, 55
- James, W. W. Keen, 30
- Japan, 221
- Jefferson Medical College, 27
- Jelliffe, Smith Ely, 138
- Jewish patients, 230
- Jewish physicians, 293
- jobs, during college, 35
- John, Otto, 286
- Johns Hopkins, 214
- Jonniaux, Alfred, 231–232
- journal articles, 52, 70–71, 78, 282
- Journal of Abnormal and Social Psychology*, 231
- Journal of Nervous and Mental Diseases*, 52
- Journal of the American Medical Association*, 114, 248, 293
- Journal of the American Psychiatric Association*, 297
- Kaczanowski, G., 281
- Kaempffert, Waldemar, 168–169
- Kaimowitz v. Department of Mental Health*, 307–308
- Karpman, Ben, 61
- Kaufman, Herbert, 234
- Keen, Dora, 21, 31
- Keen, Emma Corinna Borden, 29, 30
- Keen, Florence, 30, 31, 35, 132, 297
- Keen, William Williams: as American Medical Association president, 16; as American Philosophy Society president, 22; ancestors, 21; antiseptic use, 28; appearance of, 30; at Berlin International Medical Congress, 16; Burckhardt's influence over, 19; Civil War service, 27–28; connections used to secure W. F.'s St. Elizabeths job, 53; death of, 81; education of, 27; grief over wife's death, 30; honors and awards, 30; income of, 29; influence of, 27; letters written on behalf of W. F., 40, 48; at London International Surgical Congress, 50; and press, 31, 115; relationship with son-in-law, 20; relationship with W. F., 31–32; religious background, 30; Sunday dinners at home of, 26–27; surgical procedures, 28–30; W. F.'s admiration of, 121
- Keller, William N., 239, 240
- Kennedy, John F., 268
- Kennedy, Rosemary, 173–174
- Kesey, Ken, 242, 255, 305
- Killian periosteal elevator, 144
- Kinsey, Alfred, 218
- Kipling, Rudyard, 26, 234, 304
- Kittridge, Frank, 203, 204
- Kleist, Karl, 224
- Kraepelin, Emil, 16, 126
- Kringel, Allen "Kris," 269
- Kyn, Jöran, 21
- laboratory interests and work, 38–39, 46, 47, 60, 61–62, 83
- Lakin State Hospital, 248–249
- Lamphear, Emory, 19, 104
- The Lancet*, 209, 225
- Langenstrauss, Karl, 80
- Langley Porter Clinic, 267
- languages, fluency in, 50, 52
- La Salpêtrière, 48
- Laughlin, Henry P., 287–288
- Laurence, William, 123
- Lawrence, Mary, 166
- lawsuits, 133, 141
- Leamer, Laurence, 173, 174
- legal issues, 109, 307–308
- Leopold, Nathan, 58
- letters. *See* correspondence
- leucotomies, 10, 11–12, 101, 106, 108, 144, 188
- leucotomy: criticisms of, 102–103, 105; early procedures, 105–106; Moniz's inspiration for, 97–98; Moniz's technique, 101; results, 12–14, 101–102, 111, 112, 113, 141–142; terminology, 101; W. F. on, 107; W. F.'s/Watts's practice and first procedures, 7–14, 108–109, 111–116
- Lewis, Meriwether, 18
- Lewis, Nolan, 211
- Lichtenstein, Robert, 282–283, 301, 302
- Lima, Almeida, 101, 143
- limericks, 269, 270
- Lisbon Academy of Sciences, 223
- Lister, James, 28
- lobectomies, 108
- lobotomy: anesthesia, 145–148; Burckhardt's contributions, 17; on children, 174–176; chimp experiments, 97; controversy over, 11, 15; on criminals, 288–290, 306, 307–308; cultural issues, 214–215; deaths from, 171–172; decline in use of, 253–256; in England, 219–220; ethical issues, 135–136; failed procedures, 120, 121, 141, 173–174; first procedures, 7–14, 111–116, 119–122; first use of term, 116; German resistance to, 223–224; in Japan, 221; limitations of, 179; for mind control, 285–288; number of procedures, 14–15, 213, 227; press coverage, 115, 123; religious issues, 136; repeat operations, 140–141; research, 281; results, 12–14, 15, 139–141, 167–168, 171–172, 198–199, 230, 275–276, 281; of Rose Kennedy, 173–174; side effects and complications, 15, 139, 143, 149, 172, 211; Southern Medical Association presentation, 114–119; surgical instruments, 143–144; technique, 11–12, 143–145, 219; as treatment of last resort, 139, 179; use by well-known institutions, 214, 217. *See also* lobotomy, transorbital
- lobotomy, transorbital: anesthesia, 185–186, 242; in California, 291–292; Columbia-Greystone Project research, 218; cost of, 248; criticisms of, 210–211, 244–245; decline of, 253–256; development of, 181–183; failed procedures,

- 189; first procedures, 186–189, 193; vs. frontal lobotomy, 213; Fulton's criticisms of, 199–200; indications/contraindications for, 197; instructional film about, 211–212; Lichtenstein on, 283; number of procedures in U.S., 227; for pain management, 194–195; results, 188, 189, 193, 195, 196–197, 246–247, 249–250, 251; side effects and complications, 189, 193, 196, 213, 242–243; in state-run mental institutions, 191, 237, 238–252, 267, 270–271; surgical tools, 198; technique, 182, 183–185, 188, 197–198, 213; unusual settings, 191, 193; in Venezuela, 221; Watts's objections to, 189–193; Watts's procedures, 193–194, 195
- local anesthesia, 145–148
- Loeb, Richard, 58
- Loevenhart, Arthur, 69
- Loewi, Otto, 78
- Loos, Dale, 203, 206
- Lorenz, W. F., 69
- Los Altos, 259, 282
- Los Angeles Times*, 310
- Love, J. Grafton, 181, 236
- Lucy (chimp), 96–97
- Lyerly, James G., 217
- Macewen, William, 104
- Macmillan, Malcolm, 103
- Macmillan Company, 163
- Magnan, Valentin, 16
- malaria bacterium, for neurosyphilis treatment, 58–59
- Marburg, Otto, 53, 54
- Marie, Pierre, 48–49, 50
- marriage: affairs during, 188, 208, 264; ceremony, 63–64; difficulties during, 162, 264, 294–295; prediction for, 62; proposal to M. James, 55
- Massachusetts General Hospital, 309–310
- Massachusetts state hospitals, 275
- May, Michael, 172–173
- Mayo Clinic, 39, 214
- McKeever, L. G., 292
- McKenzie, K. G., 281
- McKissock, Wylie, 219–220
- McLean Hospital, 214, 254, 299
- media. *See press*
- Medical Annals of the District of Columbia*, 13, 231
- Medical Enlisted Reserve Corps (MERC), 40
- Medical Inquiries and Observations upon the Diseases of the Mind* (Rush), 18
- Medical Society of the District of Columbia, 13, 80, 91, 135, 216, 235, 260
- medicine, role of, 214–215
- Medico-Chi Hospital, 41
- Menninger, Karl A., 10, 12
- Mental Health Commission of the District of Columbia, 80–81
- mental illness, categories of, 126
- mental institutions, 60–61, 78. *See also* state-run mental institutions
- Metrazol convulsion therapy, 129–130, 131, 132
- Mexico City, 300, 303
- Meyer, Adolf, 71, 84, 86, 117–118
- Meyer, Frank S., 286
- Michigan state hospitals, 252, 307
- military service, 40–42
- Milledgeville, Georgia, state hospital in, 60, 245
- Miller, William, 30
- Mills, C. K., 104
- mind control, lobotomy used for, 285–288
- Mindszenty, Joseph, 286
- Mingazzini, Giovanni, 51, 53
- minimal lobotomy, 145
- Minnesota state hospitals, 180, 181, 244
- Missouri state hospitals, 180–181
- Mitchell, S. Weir, 19, 27, 28
- Mix, Tom, 153
- Mixer, W. Jason, 217
- Modesto State Hospital, 266–267
- Moniz, Egas: attack on by patient, 142; background of, 99–100; book on leucotomy, 107–108; cerebral angiography, 87, 95, 98–99, 227; on conflict between biological and behavioral camps, 134; correspondence with W. F., 106, 107–108, 113–114, 118–119, 151, 198, 222, 247; death of, 262–263; at First International Congress on Psychosurgery, 223, 226; leucotomy inspiration from London conference, 97–98; leucotomy technique, 10, 111, 114, 116; medical journals' reaction to, 124; Nobel Prize nomination, 167, 226–227; patient cases, 141–142; political issues, 142; *Psychosurgery* dedication, 165; retirement of, 143; W. F.'s first meeting of, 95; W. F.'s view of, 107, 114
- Morehouse, George, 28
- Morgan, Lewis, 20
- Mortensen, Helen, 292–293
- Mount Washington, 93
- movies, instructional, 162–163, 184, 211–212, 222
- multiple sclerosis (MS), 87–88, 131, 160
- Murphree, Lillian, 87–88
- musicians, 277–278
- Mussolini, Benito, 52
- mustache, 49, 259
- mute patients, 137
- National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research, 306
- National Museum, 57
- Navy Laboratory, 57
- Nembutal, 78, 225, 283
- nervous breakdowns, 77–78
- nervous system, article on, 52
- neurasthenia, 19
- neurology: board certification process, 84–86; lack of specialists in Washington D.C., 57; Mitchell's contributions, 19; Philadelphia as birthplace of, 18; W. F.'s internship and residency, 45–46, 47, 48–53; W. F.'s medical school interests, 39, 42–43; W. F.'s private practice, 72; W. F.'s reputation, 216
- neuropathology, 39, 45, 47
- Neuropathology* (Freeman), 75–77
- neurosurgery and neurosurgeons, 46, 181, 209, 210, 211, 310
- neurosyphilis, 58–59, 77, 104
- New England Journal of Medicine*, 124
- New Jersey State Hospital, 218, 244
- newspaper articles. *See press*
- New York Evening Journal*, 31
- New York News*, 285
- New York Times*, 34, 123, 166
- Nielsens, Aage, 289
- nihilism, of doctors, 78–79, 180
- Nobel Prize, 59, 100, 167, 226–227

- Norbury, Frank, 130
Northwest Medicine, 241, 282
 Norway, psychosurgery stigma, 311
 Noyes, A. P., 57
- Oberling, Charles, 94
 obsessive-compulsive disorder (OCD), 111, 140, 311
An Odd Kind of Fame (Macmillan), 103
 Ody, François, 105
 Ogallala Lake, 201
 Ohio state hospitals, 251
One Flew Over the Cuckoo's Nest (Kesey), 242, 255, 305
 Oregon, psychosurgery regulation, 306
 organicist or biological approach, 125–126, 128, 134, 308–309
 Overholser, Winfred, 150, 258
- pain, treatment for, 194–195, 228
 Palo Alto, 261, 266
 Palo Alto Hospital, 268
 Panama Canal, 31
 Papez, James, 165
 parenting style, 66, 158
 Paris, study at La Salpêtrière, 48–51
 Partridge, Maurice, 220–221
 patient follow-ups: early plans for, 109; examples of, 275–280; during family road trips, 205; gratification from, 227–228; last road trips, 297–300; from medical personnel, 274–275; methods of, 271–274, 297–298; from relatives, 274, 275; West Virginia patients, 250
 patients: article written by, 169–171; comfort with, 46; correspondence with, 267, 272, 278–279; display for teaching purposes, 92–93; examination techniques, 282; first as intern, 46–47; high-achievers, 134; inquiries from, 215, 233; last patients, 292–293; lawsuits by, 133, 141; lobotomy, 7–14, 111–113, 120–121, 275–279; under local anesthesia, 146–148; marriages and children by, 280–281; with MS, 87–88; psychological studies of, 230; records of, 251, 271, 300; relatives' view of recovery, 221, 272, 274, 275; repeat operations, 140–141; schizophrenics, 150–151; selection process, 245; sexual behavior of, 216–217; social contributions of, 71; suicide rates of, 294; threats from, 66–67, 172–173; transorbital lobotomy, 187–188, 189, 198–199, 212, 277; view of and responsibility to, 61, 71, 180
 Pavlov, Ivan, 94
 Penfield, Wilder, 96, 138–139, 219
 “penis ring,” 46, 84
 Pennsylvania Hospital, 18–19, 44–45
 personality, 198, 210–211
 Petersen, Magnus, 181
 Peyton, William, 219
 Philadelphia, 18, 21–22, 27
 Philadelphia General Hospital, 43
 Philadelphia Neurological Society, 215
Philadelphia Press, 31
 Philadelphia School of Anatomy, 28
 Phipps Psychiatric Clinic, 86
 photographs, of patients, 43, 54–55, 68, 111, 251, 272
 photography, as hobby, 26, 34, 153, 160
 Pimenta, Mattias, 106
 poetry, 155–156, 171, 207–208, 260, 269, 270
 political beliefs, 151–152, 285
 Pomerat, Charles, 286–287
 Pool, J. Lawrence, 201, 217–218
 Poole, Otto, 237
 Poppen, James, 219, 233
 Portugal, travel to, 223, 226
 presentations and demonstrations: at AMA conventions, 80; in England, 221–222, 225; enjoyment of, 243; in France, 225–226; to Georgetown University students, 74; infantile behaviors of dementia, 93; last at International Conference on Psychosurgery, 302; on psychiatric family dynasties to APA, 299; receptivity of audience, 137; showmanship during, 92–93, 137; to Southern Medical Association, 114–119; on suicide of psychiatrists, 294; on transorbital lobotomies, 209–210, 245
 press: air pressure research coverage, 70; lobotomy coverage, 168–169, 233–234; *Psychosurgery* reviews, 166; sensationalism of, 232; transorbital lobotomy coverage, 240–241, 252; W. F.'s use of, 115; W. W. Keen's view of, 31. *See also specific newspaper or magazine*
 Pressman, Jack, 118, 139, 176, 214, 238, 243, 312
 private practice: in California, 266, 282, 297, 303; transorbital lobotomies, 187, 190; in Washington D.C., 72, 154
 professional accomplishments, 106. *See also* awards and honors
 professional organizations, membership in, 79–80, 215–216, 266
 Prozac, 309
 psychiatric institutions, 60–61, 78. *See also* state-run mental institutions
 psychiatric surgery, 310. *See also* psychosurgery
The Psychiatrist (Freeman), 50, 296–297
 psychiatrists: film portrayals (1960s), 290; role of, 71; transorbital lobotomy procedures, 209, 210; W. F.'s research, 293–294
 psychiatry: from asylums into mainstream, 73; biological vs. psychological debate, 125–128, 134–135, 308–309; board certification process, 84–86; as management of despair, 312; Philadelphia as birthplace of, 18; post-WWII views, 176
 psychoanalysis: vs. biologically based psychiatry, 126–128, 308–309; on criminals, 61; growth of, 72–73; W. F.'s view of, 70–71, 128, 262, 269–270, 293–294
 psychologically based vs. biologically based psychiatry, 125–128, 134, 308–309
 psychometric testing, 105
 psychosis, 127, 164
 psychosurgery: AMA statement on, 139; American practice, 217–219; first use of term, 102; international congress on, 222–223, 226; legal issues, 306–308; movement against, 305–306; new forms of, 291, 309–311; new names for, 310; number performed, 179, 214, 306; side effects and compli-

- cations, 210–211. *See also specific surgeries*
- Psychosurgery* (Freeman and Watts), 163–168, 228
- Psychosurgery in the Treatment of Mental Diseases and Intractable Pain* (Freeman and Watts), 228–231
- psychotherapy, 216. *See also psychoanalysis*
- published works: on anatomy of nervous system, 52; on nervous breakdowns, 78; *Neuropathology*, 75–77; patient follow-up reports, 280; *The Psychiatrist*, 50, 296–297; *Psychosurgery*, 163–168; *Psychosurgery in the Treatment of Mental Diseases and Intractable Pain*, 228–231; review of *The Book of the It*, 70–71; on unusual topics, 282
- Puusepp, Ludwig, 52, 105
- radical lobotomy, 145
- Reaser, Edward F., 247
- relatives, of patients, 221, 272, 274, 275, 279
- religion, 50, 64, 66, 136, 293, 300
- residency, 47–53
- “rest cure” therapy, 19
- Rezai, Ali, 311
- Riel, Johann, 125
- Rittenhouse Square, 21–22
- Rizzatti, Emilio, 105
- Roberts, Linwood, 111–112
- Robinson, Mary Francis, 230
- Rochester State Hospital, 181
- Rome, study with Mingazzini, 51–52
- Roosevelt, Franklin Delano, 29
- Rush, Benjamin, 18, 44
- Rylander, Gösta, 210–211, 285–286, 302
- Sai, G., 105
- Sakel, Manfred, 129
- Salpêtrière, La, 48, 50–51, 70
- Santa Clara County Hospital, 266
- Santa Clara Medical Society, 266
- Sargant, William, 105, 135, 138, 246
- Saturday Evening Post*, 168–169, 233–234
- Scarff, Ted, 219
- schizophrenia: biological components of, 309; biometrical studies, 68; causes of, 77; electroshock therapy, 131, 132; insulin shock therapy, 113, 129; leucotomy technique, 113; lobotomies, 120, 137, 138, 145, 149–151, 168, 174–175, 237, 277–278, 281; Metrazol convulsion therapy, 129; psychoanalysis treatment, 308; in state-run hospitals, 236–237, 281; transorbital lobotomy, 197, 212–213, 237–238, 247, 271; visual hallucinations, 212
- Schoenfeld, Herbert H., 72, 86
- Schrader, Paul, 180–181, 236
- Scoville, William, 219
- Seattle *Post Intelligencer*, 240
- seizures, 139, 143, 209
- self-image, 165
- sex education, 25
- sex offenders, 288
- sexual behavior, of patients, 216–217, 221, 298, 304
- Shenandoah National Park, 160
- Shock Corridor*, 290
- shock therapies, 128–133, 236
- shooting accuracy, 40
- Shorter, Edward, 61, 73, 104, 127, 129, 254, 270, 305, 308
- shorthand skills, 38
- showmanship, 92–93, 137
- Shutts, David, 101, 141, 216, 217, 225, 241, 243, 260
- Silver, Violet, 277
- Singer, Harold, 136
- Slaughter, Frank G., 255–256
- sleep issues, 39, 78
- smoking habit, 263
- social contributions, of patients, 71
- sodium amytal, 69, 266
- sodium cyanide, 69
- South Dakota State Hospital, 206, 238–239
- Southern Medical Association, 114–119, 190, 280
- Southwestern State Hospital, 247
- Soviet Union, 224, 286, 288
- Spanish influenza outbreak, 41
- Spatz, Hugo, 152
- Spencer State Hospital, 248
- Spiegel, E. A., 219
- Spiller, William G., 42–43, 53, 55, 71
- spinal tap technique, 70
- Spokane Chronicle*, 167
- Spurlin, Mildred, 113, 139–140
- St. Elizabeths Hospital: Blackburn Laboratory, 60, 61–62; children’s visits to, 67; during Depression, 78; history of, 58; insulin shock therapy, 113; job offer from, 53–54; lobotomy procedures, 123–124, 150, 274–275; long-term patients, 237; malaria fever treatment, 59; mistreatment charges, 58; W. F.’s conflict with, 257–258; W. F.’s departure, 78–79; W. F.’s first day, 60; W. F.’s research, 67–70; White’s superintendence, 57–58, 123–124
- St. Louis City Hospital, 180
- Stalin, Josef, 286
- state-run mental institutions: in California, 266–267, 271; in Delaware, 271; in Georgia, 60, 245; in Iowa, 245; lobotomies performed in, 180–181; in Minnesota, 180, 181, 244; in Ohio, 251, 271; overcrowding in, 178; population in (1955–1970), 290; psychiatric drug use, 253; schizophrenic patients, 236–237; shock therapy treatment, 236; in South Dakota, 238–239; in Texas, 244; transorbital lobotomies performed in, 191, 237, 238–252, 267, 270–271; in Virginia, 246–247; in Washington, 239–241; in West Virginia, 247–250
- stereotaxic surgery, 219
- sterile procedure, 28, 186
- Stitt, Edward Rhodes, 73
- stress reduction, 155
- suicide, 140, 293–294
- Sullivan, Henry Stack, 233
- Suppressed*, 286
- Surgeons General Library, 56
- surgery: shock during, 116–117; sterile procedure, 28, 186; W. F.’s lack of interest in, 46; W. F.’s performance of, 121–122
- Surgery, Gynecology and Obstetrics*, 231
- surgical instruments: cannula, 143, 219; leucotome, 10, 11–12, 101, 106, 108, 144, 188; transorbital lobotomy, 198
- Sweden, visit during start of WWII, 153
- Taylor, Alonzo Englebert, 38
- Texas state hospitals, 244
- thalamus, 164–165, 183, 310
- Thomas, Charles, 163, 229
- Thorazine, 253
- Thorne, Lewis, 290
- thorotrast, 87, 95, 98, 113
- Time* magazine, 70, 115, 289
- Todd, Clover, 42
- topectomy, 201, 218

- travel: for business, 162;
 Caribbean cruise with grand-
 father, 31–32; childhood
 vacations, 24, 56; to Europe,
 47–53, 94–95, 151–153,
 222–223; family road trips,
 93–94, 109–110, 158–160,
 201–206; to Germany before
 WWII, 151–153; on ocean
 liner, 77–78; patient follow-
 ups, 205, 297–300; Sierras,
 263, 292; Yellowstone
 National Park, 109, 177
 Traverse City State Hospital, 252
 Travis, Beauregard, 275–276
 trephining, 103
 Tuskegee Veterans Hospital,
 245–246
 typhoid fever, 35, 66
- University Hospital (Philadel-
 phia), 44–47
 University of Chicago, 37–38,
 39, 40
 University of Pennsylvania,
 38–39, 41–43, 55, 89, 303
 University of Wisconsin, 69
 U.S. Army Hospital for Disease
 of the Nervous System,
 27–28
 U.S. Department of Health,
 Education, and Welfare, 306
 U.S. Naval Medical School, 73
 U.S. Patent Office, 57
 U.S. Tariff Commission, 62, 63
 U.S. Veterans Administration,
 217
 Utah, electroshock therapy
 regulation, 290
- vacations. *See* travel
 Vacaville State Prison, 306
 Valenstein, Elliot S., 209, 213, 244
 Velasco-Suarez, Manuel, 300, 303
- Venice, 52–53
 ventriculography, 86–87, 95
 veterans hospitals, 217, 245–246
 Vienna, 53, 54
 Viets, Henry, 119
 Virgie (governess), 65–66
 Virginia state hospitals, 246–247
 von Jauregg, Julius Wagner
 Ritter, 58–59, 227
 von Meduna, Ladislav, 129–130
- W. B. Saunders Company,
 76, 163
 Wallace, Irving, 234–235
 Walter Reed Army Hospital, 215
 Washington, John, 237
 Washington D. C., 56–57,
 71–72
Washington Evening Star, 115, 258
 Washington Sanatorium, 190
 Washington Zoo, 62
 Waters, R. M., 69
 Watts, James Winston: absence
 from First International Con-
 gress on Psychosurgery, 223;
 attraction to neurosurgery, 88;
 background of, 89–90; *Chase*
v. Groff testimony, 307; first
 leucotomy patient, 8; at
 GWU, 91, 191, 215, 257, 260;
 on leucotomy controversy, 11;
 lobotomy film contribution,
 162–163; on Moniz's work,
 108; personality of, 90–91; por-
 trait of, 301; private practice
 income, 154; *Psychosurgery*
 contributions, 163–168,
 228–231; relationship with
 W. F., 190; role of, 121–122;
 transorbital lobotomy objec-
 tions, 189–193; transorbital
 lobotomy procedures,
 193–194, 195; W. F.'s eulogy,
 304; W. F.'s pursuit of for part-
 ner, 89–91; on W. F., 91–92,
 231, 248, 260, 280, 300
 Wayne County General Hospi-
 tal, 274–275, 289
 Wernersville State Hospital, 244
 Wernicke, Carl, 16, 125
 Western State Hospital, 92–93,
 159, 239–241
 West Virginia Lobotomy
 Project, 248, 249
 West Virginia state hospitals,
 247–250
 White, William Alanson, 53,
 57–58, 61, 123–124, 150
 Whitmore, Eugene R., 73, 75
 Williams, Jonathan, 186,
 190–191, 213
 Williams, Rose, 181
 Willmar State Hospital, 180
 Winkelman, N. W., 45
 women, 171, 290–291
 Worcester State Hospital, 275
 World Congress of Psychiatry,
 281
 World War I, 34, 37, 40
 World War II, 151–154, 157,
 160, 161, 166, 167, 177
 Wortis, Joseph, 116–117
 Wright, Millard F., 289–290
 Wright, Wilford, 87
 writing style, 76
 Wycis, H. T., 219
 Wyoming State Hospital, 250
- Yale University, 33–37, 89–90, 214
 Yankton, South Dakota, 206,
 238–239
 yeast infections of brain, 47
 Yellowstone National Park,
 109, 177
 Yosemite National Park,
 202–204, 281–282
 Zabriskie, Edwin, 210