

CRITIQUES OF CONTEMPORARY SCIENCE, MEDICINE, ACADEME

Henry H. Bauer, hhbauer@vt.edu; work in progress, updated 13 March 2014

PART I — ARTICLES

Science

- Barber, Bernard. Resistance by scientists to scientific discovery. *Science*, 134 (1961) 596-602
(see also Hook in BOOKS)
- Bauer, Henry H. The Science Bubble. *EdgeScience*, #17, February 2014, 3-6;
<http://cts.vresp.com/c/?SocietyforScientific/0f424188e5/67593d1609/4ebd0c59d1>
- Bauer, Henry H. Three stages of modern science. *Journal of Scientific Exploration*, 27 (2013) 505-13
- Begley, Sharon. On Second Thought ... Scientists are supposed to change their minds when evidence undercuts their views. *Dream on. Newsweek*, 12 January 2009;
<http://www.newsweek.com/id/177740>
- Charlton, Bruce G. Zombie science: A sinister consequence of evaluating scientific theories purely on the basis of enlightened self-interest. *Medical Hypotheses*, 71 (2008) 327-9
- Crichton, Michael. Aliens cause global warming. *Caltech Michelin Lecture*, 17 January 2003;
http://stephenschneider.stanford.edu/Publications/PDF_Papers/Crichton2003.pdf; also in Three Speeches by Michael Crichton,
http://scienceandpublicpolicy.org/commentaries_essays/crichton_three_speeches.html.
- Fanelli, Daniele. How many scientists fabricate and falsify research? A systematic review and meta-analysis of survey data. *PLoS ONE*, 4 (2009) e5738 (11 pp.)
- Fischman, Josh. Fake peer reviews, the latest from of scientific fraud, fool journals. *Chronicle of Higher Education online*, 30 September 2012
- Ioannidis, John P. A. Why most published research findings are false. *PLoS Medicine*, 2 (#8, 2005) e124
- Ioannidis, John P. A. Fund people not projects. *Nature*, 477 (2011) 529-31
- Kantrowitz, Arthur. Proposal for an Institution for Scientific Judgment, *Science*, 153 (1967) 763; see Jon R. Cavicchi, The Science Court: A bibliography;
<http://ipmall.info/risk/vol4/spring/bibliography.htm>
- Klein, J. Hegemony of mediocrity in contemporary sciences, particularly in immunology. *Lymphology*, 18 (1985) 122-31
- Krimsky, Sheldon. Do financial conflicts of interest bias research? An inquiry into the “funding effect” hypothesis. *Science, Technology, & Human Values*, (20 September 2012) 1-22; doi: 10.1177/016224391245627; <http://sth.sagepub.com/content/early/2012/09/17/0162243912456271>
- Lawrence, Peter A. The politics of publication — Authors, reviewers and editors must act to protect the quality of research. *Nature*, 422 (2003) 259-61
- Lawrence, Peter A. The mismeasurement of science. *Current Biology*, 17 (2007) R583-5.
- Lawrence, Peter A. Real lives and white lies in the funding of scientific research: The granting system turns young scientists into bureaucrats and then betrays them. *PLoS Biology*, 7 (#9, 2009) e1000197
- Martinson, Brian C. Universities and the money fix. *Nature*, 449 (2007) 141-2
- Martinson, Brian C., Melissa S. Anderson & Raymond de Vries. Scientists behaving badly. *Nature*, 435 (2005) 737-8
- Miller, Donald W. Jr. The government grant system — Inhibitor of truth and innovation? *Journal of Information Ethics*, 16 (2007) 59-69.
- Muller, Richard A. Innovation and scientific funding. *Science*, 209 (1980): 880-883
- Nicholson, Joshua M. Collegiality and careerism trump critical questions and bold new ideas: A student’s perspective and solution — The structure of scientific funding limits bold new ideas. *BioEssays*, 34 (2012) 448-50
- Nicholson, Joshua M. & John P. A. Ioannidis. Conform and be funded. *Nature*, 492 (2012) 34-6

- Pollack, G. H. Revitalizing science in a risk-averse culture: reflections on the syndrome and prescriptions for its cure. *Cellular and Molecular Biology*, 51 (2005) 815-820
- Robert Bosch Stiftung [Foundation]. Fälschung, Täuschung, Titelkauf — Wie sichert die Wissenschaft Qualität und Vertrauen? [Faking, deceiving, unearned authorship — How can science safeguard quality and trustworthiness?]. 4th Berlin Smeinar, 25 November 2009; <http://www.bosch-stiftung.de/content/language1/html/22944.asp>
- Schekman, Randy. How journals like Nature, Cell and Science are damaging science. *The Guardian*, 9 December 2013; <http://www.theguardian.com/science/2013/dec/09/nobel-winner-boycott-science-journals>
- Slow-Science Academy. The slow science manifesto (2010). <http://slow-science.org/slow-science-manifesto.pdf>
- Smith, Richard. Classical peer review: an empty gun. *Breast Cancer Research*, 12 (suppl. 4, 2010) S13
- Steinhauser, Georg, et al. Peer review versus editorial review and their role in innovative science. *Theoretical medicine and bioethics*, 33 (2012) 359-76
- Stent, Gunther. Prematurity and uniqueness in scientific discovery. *Scientific American*, December 1972, 84-93
- Titus, Sandra L., James A. Wells and Lawrence J. Rhoades. Repairing research integrity. *Nature*, 453 (2008) 980-2
- Weinberg, Alvin M. Science and trans-science. *Minerva*, X (1972) 209-222
- Wolinsky, Howard. Paths to acceptance — The advancement of scientific knowledge is an uphill struggle against 'accepted wisdom'. *EMBO Reports*, 9 (2008) 416-8
- Young, Neal S., John P. A. Ioannidis & Omar Al-Ubaydli. Why current publication practices may distort science. *PLoS Medicine*, 5 (#10, 2008) e201

WHOLE JOURNALS:

- Accountability in Research*, founded 1989
- Ethics in Science and Environmental Politics*, founded 2001
- Science and Engineering Ethics*, founded 1995

Statistics, including in medicine

--- for bad uses of statistics in medical applications, see Altman and Ioannidis in *Medicine*

- Altman, Douglas G. & J. Martin Bland. Absence of evidence is not evidence of absence. *British Medical Journal*, 311 (1995) 485
- Bland, J. M. & D. G. Altman. Bayesians and frequentists. *British Medical Journal*, 317 (1998) 1151-60
- Greenland, Sander. Probability logic and probabilistic induction. *Epidemiology*, 9 (1998) 322-32
- Matthews, R. A. J. Facts versus factions: The use and abuse of subjectivity in scientific research. *European Science and Environment Forum Working Paper*, 1998; reprinted (pp. 247-82) in J. Morris (ed.), *Rethinking Risk and the Precautionary Principle*, Butterworth, 2000
- Matthews, R. A. J. Significance levels for the assessment of anomalous phenomena. *Journal of Scientific Exploration*, 13 (1999) 1-7

Medicine

- Altman, D. G. The scandal of poor medical research. *British Medical Journal*, 308 (1994) 2831
- Angell, Marcia. Drug companies & doctors: A story of corruption. *New York Review of Books*, 56 (15 January 2009); <http://www.nybooks.com/articles/22237>
- Anon. Do statins have a role in primary prevention? An update. *Therapeutics Newsletter*, #77, March-April 2010
- Ashburn, Ted T. & Karl B. Thor. Drug repositioning: Identifying and developing new uses for existing drugs. *Nature Reviews — Drug Discovery*, 3 (2004) 673-83
- Bauer, Henry H. Seeking Immortality? Challenging the drug-based medical paradigm. *Journal of Scientific Exploration*, 26 (2012) 867-80
- Bauer, Henry H. Know your numbers—at your peril. *Journal of Scientific Exploration*, 25 (2011) 555-62 (essay review of Jeremy A. Greene, *Prescribing by Numbers: Drugs and the Definition of Disease*)
- Ioannidis, John P. A. Contradicted and initially stronger effects in highly cited clinical research. *JAMA*, 294 (2005) 218-228
- Ioannidis, John P. A. & Orestis A. Panagiotou. Comparison of effect sizes associated with biomarkers reported in highly cited individual articles and in subsequent meta-analyses. *JAMA*, 305 (2011) 2200-10
- Järvinen, T. L., H. Sievänen, P. Kannus, J. Jokihaara & K. M. Khan. The true cost of pharmacological disease prevention. *British Medical Journal*, 342 (2011) doi: 10.1136/bmj.d2175
- McGauran, Natalie, Beate Wieseler, Julia Kreis, Yvonne-Beatrice Schüler, Heike Kölsch & Thomas Kaiser. Review Reporting bias in medical research - a narrative review. *Trials*, 11 (2010) 37 (15pp.)
- Moynihan, Ray. Surrogates under scrutiny: fallible correlations, fatal consequences. *British Medical Journal*, 343 (2011) doi: 10.1136/bmj.d5160
- Nieuwenhuis, Sander, Birte U Forstmann & Eric-Jan Wagenmakers. Erroneous analyses of interactions in neuroscience: a problem of significance. *Nature Neuroscience*, 14 (2011) 1105-7
- Radley, David C., Stan N. Finkelstein & Randall S. Stafford. Off-label prescribing among office-based physicians. *Archives of Internal Medicine*, 166 (2006) 1021-6
- Rose, Nikolas. Disorders without borders? the expanding scope of psychiatric practice. *Biosocieties*, 1 (2006) 465-84
- Schriger, D. L. & D. G. Altman. Inadequate post-publication review of medical research. *British Medical Journal*, 341 (2010) doi: 10.1136/bmj.c3803
- Willman, David. How a new policy led to seven deadly drugs. *Los Angeles Times*, 20 December 2000; <http://www.latimes.com/news/nationworld/nation/la-122001fda,0,4840718,full.story>

Medicine — Withdrawn Unsafe or Ineffective Drugs

<http://www.medscape.com/viewarticle/757499>

<http://www.medscape.com/viewarticle/757499>

http://en.wikipedia.org/wiki/List_of_withdrawn_drugs

PART II — BOOKS

Editorial preamble:

1. Many or most of these books are written by insiders who know at first hand whereof they speak.
2. These whistle-blowers are often ostracized by the majority of their professional peers.
3. This plethora of exposés has not led to needed reforms.
4. Most of these books have been published since about 2000 — the situation is getting worse, and quite rapidly

SCIENCE

(Cutthroat competition and the consequent corner-cutting if not outright fraud is a major reason for the ills of contemporary science, and there's a separate section about that immediately below)

- Appleyard, Bryan. *Understanding the Present: Science and the Soul of Modern Man*. Pan Books, 1992; Doubleday, 1993
- Barzun, Jacques. *Science: The Glorious Entertainment*. Harper & Row, 1964
- Bauer, Henry H. *Scientific Literacy and Myth of the Scientific Method*. University of Illinois Press, 1992
- Bauer, Henry H. *Fatal Attractions: The Troubles With Science*. Paraview Press, 2001
- Bauer, Henry H. *Dogmatism in Science and Medicine: How Dominant Theories Monopolize Research and Stifle the Search for Truth*. McFarland, 2012
- Broad, William, & Nicholas Wade, *Betrayers of the Truth: Fraud and Deceit in the Halls of Science*. Simon & Schuster, 1982
- Burnham, John C. *How Superstition Won and Science Lost*. Rutgers University Press, 1987
- Charlton, Bruce G. *Not Even Trying: The Corruption of Real Science*. University of Buckingham Press, 2012
- Corredoira, Martín Lopez & Carlos Castro Perelman (eds.). *Against the Tide: A Critical Review by Scientists of How Physics and Astronomy Get Done*. Universal Publishers, 2008
- Greenberg, Daniel S. *Science, Money and Politics: Political Triumph and Ethical Erosion*. University of Chicago Press, 2001
- Greenberg, Daniel S. *Science for Sale: The Perils, Rewards, and Delusions of Campus Capitalism*. University of Chicago Press, 2007
- Hook, Ernest B. (ed). *Prematurity in Scientific Discovery: On Resistance and Neglect*. University of California Press, 2002
- Kabat, Geoffrey C. *Hyping Health Risks: Environmental Hazards in Daily Life and the Science of Epidemiology*. Columbia University Press, 2008
- Krimsky, Sheldon. *Science in the Private Interest: Has the Lure of Profits Corrupted Biomedical Research?* Rowman & Littlefield, 2003
- Levinson, Ralph, & Jeff Thomas (eds.), *Science Today: Problem or Crisis?* Routledge, 1997
- Michaels, David. *Doubt is Their Product: How Industry's Assault on Science Threatens Your Health*. Oxford: Oxford University Press, 2008
- Mirowski, Philip. *Science-Mart: Privatizing American Science*. Harvard University Press, 2011
- Pielke, Roger A. Jr. *The Honest Broker: Making Sense of Science in Policy and Politics*. Cambridge University Press, 2007
- Radder, Hans (ed.). *The Commodification of Academic Research: Science and the Modern University*. University of Pittsburgh Press, 2010.
- Standen, Anthony. *Science is a Sacred Cow*. E. P. Dutton, 1950
- Stark, Andrew. *Conflict of Interest in American Public Life*. Harvard University Press, 2000
- Union of Concerned Scientists. *Heads They Win, Tails We Lose: How Corporations Corrupt Science at the Public's Expense*. UCS Publications, 2012; www.ucsusa.org/scientific_integrity
- Ziman, John. *Prometheus Bound: Science in a Dynamic Steady State*. Cambridge University Press, 1994

MEDICAL SCIENCE & MEDICINE

(Psychiatry and Stories of Cutthroat Competition are listed separately below)

- Abraham, John. *Science, Politics, and the Pharmaceutical Industry: Controversy and Bias in Drug Regulation*. St. Martin's Press, 1995
- Abramson, John. *Overdo\$ed America: The Broken Promise of American Medicine*. HarperCollins, 2004
- Adams, Stanley. *Roche versus Adams*. Jonathan Cape, 1984
- Angell, Marcia. *The Truth About the Drug Companies: How They Deceive Us and What To Do About It*. Random House, 2004
- Avorn, Jerry. *Powerful Medicines: The Benefits, Risks, and Costs of Prescription Drugs*. Knopf, 2004
- Barlett, Donald L. & James B. Steele. *Critical Condition: How Health Care in America Became Big Business — and Bad Medicine*. Doubleday, 2004
- Braithwaite, John. *Corporate Crime in the Pharmaceutical Industry*. Routledge, 1984/2012
- Brody, Howard. *Hooked: Ethics, the Medical Profession, and the Pharmaceutical Industry*. Rowman & Littlefield, 2006
- Brownlee, Shannon. *Overtreated: Why Too Much Medicine Is Making Us Sicker and Poorer*. Bloomsbury, 2007
- Conrad, Peter. *The Medicalization of Society: On the Transformation of Human Conditions into Treatable Disorders*. Johns Hopkins University Press, 2007
- Critser, Greg. *Generation Rx: How Prescription Drugs Are Altering American Lives, Minds, and Bodies*. Houghton Mifflin, 2005
- Deyo, Richard A. & Donald L. Patrick. *Hope or Hype: The Obsession with Medical Advances and the High Cost of False Promises*. AMACOM (American Management Association), 2005
- Elliott, Carl. *Better Than Well: American Medicine Meets the American Dream*. W.W. Norton, 2003
- Goldacre, Ben. *Bad Pharma: How Drug Companies Mislead Doctors and Harm Patients*. Faber & Faber, 2013
- Goozner, Merrill. *The \$800 Million Pill: The Truth behind the Cost of New Drugs*. University of California Press, 2004
- Gøtzsche, Peter C. *Mammography Screening: Truth, Lies and Controversy*. Oxford & New York: Radcliffe, 2012
- Gøtzsche, Peter C. *Deadly Medicines and Organised Crime: How Big Pharma Has Corrupted Healthcare*. Oxford & New York: Radcliffe, 2013
- Greene, Jeremy. *Prescribing by Numbers: Drugs and the Definition of Disease*. Johns Hopkins University Press, 2007
- Hadler, Nortin M. *The Last Well Person: How to Stay Well Despite the Health-Care System*. McGill-Queen's University Press, 2004
- Kassirer, Jerome. *On The Take: How Medicine's Complicity with Big Business Can Endanger Your Health*. Oxford University Press, 2004
- Kauffman, Joel M. *Malignant Medical Myths: Why medical treatment causes 200,000 deaths in the USA each year, and how to protect yourself*. Infinity Publishing, 2006; ISBN 0-7414-2909-8
- Kenney, Martin. *Biotechnology: The University-Industrial Complex*. Yale University Press, 1986
- Lundberg George D., with James Stacey. *Severed Trust : Why American Medicine Hasn't Been Fixed*. Basic Books, 2000
- Mahar, Maggie. *Money Driven Medicine: The Real Reason Health Care Costs So Much*. Collins, 2006
- Medawar, Charles & Anita Hardon. *Medicines Out of Control?: Antidepressants and the Conspiracy of Goodwill*. Amsterdam: Aksant Academic Publishers, 2004
- Millenson, Michael L. *Demanding Medical Excellence: Doctors and Accountability in the Information Age*. University of Chicago Press, 1997
- Moore, Thomas J. *Deadly Medicine: Why Tens of Thousands of Heart Patients Died in America's Worst Drug Disaster*. Simon & Schuster, 1995
- Moore, Thomas J. *Prescription for Disaster: the Hidden Dangers in Your Medicine Cabinet*. Simon & Schuster, 1998

- Moynihan, Ray & Alan Cassels. *Selling Sickness: How the World's Biggest Pharmaceutical Companies Are Turning Us All Into Patients*. Nation Books, 2005
- Mundy, Alicia. *Dispensing with the Truth: The Victims, the Drug Companies, and the Dramatic Story behind the Battle over Fen-Phen*. St. Martin's Press, 2001
- O'Brien, Lawrence J. *Bad Medicine: How the American Medical Establishment Is Ruining Our Healthcare System*. Prometheus, 2004
- Pearce, Neil. *Adverse Reactions: The Fenoterol Story*. Auckland (NZ): Auckland University Press, 2007
- Petersen, Melody. *Our Daily Meds: How the Pharmaceutical Companies Transformed Themselves into Slick Marketing Machines and Hooked the Nation on Prescription Drugs*. Picador, 2009
- Petryna, Adriana. *When Experiments Travel: Clinical Trials and the Global Search for Human Subjects*. Princeton University Press, 2009
- Porter, Roger J. & Thomas E. Malone. *Biomedical Research: Collaboration and Conflict of Interest*. Johns Hopkins University Press, 1992
- Ravnskov, U. *The Cholesterol Myths*. New Trends Publishing, 2000
- Relman, Arnold. *A Second Opinion: Rescuing America's Health Care*. PublicAffairs, 2007
- Rodwin, Marc A. *Medicine, Money and Morals: Physicians' Conflicts of Interest*. Oxford University Press, 1993
- Rost, Peter. *The Whistleblower: Confessions of a Healthcare Hitman*. New York: Soft Skull Press, 2006
- Seaman, Barbara. *The Greatest Experiment Ever Performed On Women: Exploding the Estrogen Myth*. Hyperion, 2003; Seven Stories Press(2nd ed), 2009
- Silverman, Milton Morris. *The Drugging of the Americas: How Multinational Drug Companies Say One Thing about Their Products to Physicians in the United States, and Another Thing to Physicians in Latin America*. University of California Press, 1976
- Silverman, Milton, Philip R. Lee, & Mia Lydecker. *Prescriptions for Death : The Drugging of the Third World*. University of California Press, 1982
- Silverman, Milton, Mia Lydecker & Philip Lee. *Bad Medicine: The Prescription Drug Industry in the Third World*. Stanford University Press, 1992
- Smith, Richard. *The Trouble with Medical Journals*. CRC Press (Taylor & Francis, now Informa), 2006
- Stephens, Trent & Rock Brynner. *Dark Remedy: The Impact of Thalidomide and Its Revival as a Vital Medicine*. New York: Basic Books, 2001
- Virapen, John. *Side Effects: Death. Confessions of a Pharma-Insider*. Virtualbookworm.com, 2010
- Welch, H. Gilbert. *Should I Be Tested for Cancer?: Maybe Not and Here's Why*. University of California Press, 2006
- Welch, H. Gilbert, Lisa Schwartz, & Steve Woloshin. *Overdiagnosed: Making People Sick in the Pursuit of Health*. Beacon Press, 2012
- Werth, Barry. *The Billion-Dollar Molecule*. Simon & Schuster, 1994
- Yoxen, Edward. *The Gene Business*. Harper & Row, 1983

REPORTS:

- Evaluation of Biomarkers and Surrogate Endpoints in Chronic Disease*. Institute of Medicine; Christine M. Micheel & John R. Ball, eds.; National Academies Press, 2010
- Perspectives on Biomarker and Surrogate Endpoint Evaluation: Discussion Forum Summary*. Institute of Medicine; Alison Mack, Erin Balogh, & Christine Micheel, rapporteurs; National Academies Press, 2011

STORIES OF COMPETITION IN SCIENCE, INCLUDING MEDICAL SCIENCE OFTEN CUTTHROAT & WITH CUTTING OF CORNERS

- Angier, Natalie. *Natural Obsessions: The Search for the Oncogene*. Houghton Mifflin, 1987
- Clark, David H. *The Quest for SS433*. Viking, 1985
- Glashow, Sheldon, with Ben Bova. *Interactions: A Journey through the Mind of a Particle Physicist and the Matter of the World*. Warner, 1988
- Goldberg, Jeff. *Anatomy of a Scientific Discovery*. Bantam, 1988
- Hall, Stephen S. *Invisible Frontiers: The Race to Synthesize a Human Gene*. Atlantic Monthly, 1987
- Hazen, Robert M. *The Breakthrough: The Race for the Superconductor*. Summit, 1988
- Hull, David L. *Science as a Process: An Evolutionary Account of the Social and Conceptual Development of Science*. University of Chicago Press, 1988
- Kanigel, Robert. *Apprentice to Genius: The Making of a Scientific Dynasty*. Macmillan, 1986
- Kidder, Tracy. *The Soul of a New Machine*. Little, Brown, 1981
- Levinthal, Charles E. *Messengers of Paradise: Opiates and the Brain*. Anchor/Doubleday, 1988
- Lewin, Roger. *Bones of Contention: Controversies in the Search for Human Origins*. Simon & Schuster, 1987
- Raup, David M. *The Nemesis Affair: A Story of the Death of Dinosaurs and the Ways of Science*. Norton, 1999
- Regis, Ed. *Who Got Einstein's Office: Eccentricity and Genius at the Institute for Advanced Study*. Addison-Wesley, 1987
- Schechter, Bruce. *The Path of No Resistance: The Story of the Revolution in Superconductivity*. Touchstone, 1990
- Snyder, Solomon H. *Brainstorming: The Science and Politics of Opiate Research*. Harvard University Press, 1989
- Taubes, Gary. *Nobel Dreams: Power, Deceit, and the Ultimate Experiment*. Random House, 1986
- Teitelman, Robert. *Gene Dreams: Wall Street, Academia, and the Rise of Biotechnology*. Basic, 1989
- Wade, Nicholas. *The Nobel Duel: Two Scientists' 21-Year Race to Win the World's Most Coveted research Prize*. Doubleday, 1981
- Watson, James D. *The Double Helix: A Personal Account of the Discovery of the Structure of DNA*. Atheneum, 1968 (a very useful annotated edition including commentaries, reviews, and original articles was edited by Gunther Stent, W. W. Norton 1980)

PSYCHIATRY

- Abraham, John, & Julie Sheppard. *The Therapeutic Nightmare*. Earthscan (UK), 1999
- Bass, Alison. *Side Effects: A Prosecutor, a Whistleblower, and a Bestselling Antidepressant on Trial*. Algonquin Books, 2008
- Breggin, Peter. *Medication Madness: A Psychiatrist Exposes the Dangers of Mood-Altering Medications*. St. Martin's Press, 2008
- Caplan, Paula J. *They Say You're Crazy: How The World's Most Powerful Psychiatrists Decide Who's Normal*. Da Capo Press, 1996
- Carlat, Daniel. *Unhinged: The Trouble with Psychiatry — A Doctor's Revelations about a Profession in Crisis*. Free Press, 2010
- Diller, Lawrence H. *Running on Ritalin: A Physician Reflects on Children, Society, and Performance in a Pill*. Bantam, 1999
- Diller, Lawrence H. *The Last Normal Child: Essays on the Intersection of Kids, Culture, and Psychiatric Drugs*. Praeger, 2006
- Diller, Lawrence H. *Remembering Ritalin: A Doctor and Generation Rx Reflect on Life and Psychiatric Drugs*. Perigee Trade, 2011
- Ellis, Albert. *Why Some Therapies Don't Work*. Prometheus, 1989

- Frances, Allen. *Saving Normal: An Insider's Revolt Against Out-of-Control Psychiatric Diagnosis, DSM-5, Big Pharma, and the Medicalization of Ordinary Life*. William Morrow, 2013
- Glenmullen, Joseph. *Prozac Backlash: Overcoming the Dangers of Prozac, Zoloft, Paxil, and Other Antidepressants with Safe, Effective Alternatives*. Simon & Schuster, 2001
- Greenberg, Gary. *Manufacturing Depression: The Secret History of a Modern Disease*. Simon & Schuster, 2010
- Greenberg, Gary. *The Book of Woe: The DSM and the Unmaking of Psychiatry*. Blue Rider Press, 2013
- Healy, David. *The Creation of Psychopharmacology*. Harvard University Press, 2002
- Healy, David. *Let Them Eat Prozac: The Unhealthy Relationship Between the Pharmaceutical Industry and Depression*. NYU Press, 2006
- Healy, David. *Pharmageddon*. University of California Press, 2012
- Horwitz, Allan V. *Creating Mental Illness*. University of Chicago Press, 2003
- Horwitz, Allan V., Jerome C. Wakefield, & Robert L. Spitzer. *The Loss of Sadness: How Psychiatry Transformed Normal Sorrow into Depressive Disorder*. Oxford University Press, 2007
- Kirsch, Irving. *The Emperor's New Drugs: Exploding the Anti-Depressant Myth*. Basic Books, 2010
- Lane, Christopher. *Shyness: How Normal Behavior Became a Sickness*. Yale University Press, 2008
- Moncrieff, Joanna. *The Myth of the Chemical Cure: A Critique of Psychiatric Drug Treatment*. Palgrave Macmillan, 2009 (revised ed.)
- Moncrieff, Joanna. *The Bitterest Pills: The Troubling Story of Antipsychotic Drugs*. Palgrave Macmillan, 2013
- Watters, Ethan. *Crazy Like Us: The Globalization of the American Psyche*. Free Press, 2010
- Whitaker, Robert. *Mad in America: Bad Science, Bad Medicine, and the Enduring Mistreatment of the Mentally Ill*. Basic Books, 2010 (2nd ed.)
- Whitaker, Robert. *Anatomy of an Epidemic: Magic Bullets, Psychiatric Drugs, and the Astonishing Rise of Mental Illness in America*. Crown, 2010

ACADEME IS A PLAYER IN ALL THIS

(Corruption of academe by big-money intercollegiate sports is separate below)

- Bok, Derek. *Universities in the Marketplace: The Commercialization of Higher Education*. Princeton University Press, 2003
- Giroux, Henry A. *The University in Chains: Confronting the Military-Industrial-Academic Complex*. Paradigm, 2007
- Slaughter, Sheila, & Larry L. Leslie. *Academic Capitalism: Politics, Policies and the Entrepreneurial University*. Johns Hopkins University Press, 1997
- Soley, Lawrence C. *Leasing the Ivory Tower: The Corporate Takeover of Academia*. South End Press, 1995
- Washburn, Jennifer. *University, Inc.: The Corporate Corruption of American Higher Education*. Basic Books, 2005
- Weisbrod, Burton A. (ed.). *To Profit or Not to Profit: The Commercial Transformation of the Non-Profit Sector*. Cambridge University Press, 1998
- White, Geoffrey W. & Flannery C. Hauck (eds.). *Campus, Inc.: Corporate Power in the Ivory Tower*. Prometheus, 2000

COLLEGE SPORTS

- Armstrong, Ken & Nick Perry. *Scoreboard, Baby: A Story of College Football, Crime, and Complicity*. Bison Books, 2010
- Byers, Walter with Charles Hammer. *Unsportsmanlike Conduct: Exploiting College Athletes*. University of Michigan Press, 1997
- Duderstadt, James J. *Intercollegiate Athletics and the American University: A University President's Perspective*. University of Michigan Press, 2000
- Feldman, Bruce. *Meat Market*. ESPN, 2008
- Mandel, Stewart. *Bowls, Polls, and Tattered Souls: Tackling the Chaos and Controversy that Reign over College Football*. Wiley, 2008
- Oriard, Michael. *Bowled Over: Big-Time College Football from the Sixties to the BCS Era*. University of North Carolina Press, 2009
- Sack, Allen L. & Ellen J. Staurowsky. *College Athletes for Hire: The Evolution and Legacy of the NCAA's Amateur Myth*. Praeger, 1998
- Sperber, Murray. *College Sports, Inc.: The Athletic Department vs. the University*, Henry Holt, 1990
- Sperber, Murray. *Onward to Victory: The Creation of Modern College Sports*, Henry Holt, 1998
- Sperber, Murray. *Beer and Circus: How Big-Time College Sports Is Crippling Undergraduate Education*. Holt Paperbacks, 2001
- Thelin, John R. *Games Colleges Play: Scandal and Reform in Intercollegiate Athletics*. Johns Hopkins University Press, 1996
- Yost, Mark. *Varsity Green: A Behind the Scenes Look at Culture and Corruption in College Athletics*. Stanford Economics and Finance, 2009
- Zimbalist, Andrew. *Unpaid Professionals: Commercialism and Conflict in Big-Time College Sports*. Princeton University Press, 2001