

Curriculum Vitae
ROBERT A. ARONOWITZ M.D.

Department of History and Sociology of Science
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Education

M.D., 1985, Yale University School of Medicine
Graduate Study in Linguistics, 1977-80, University of California, Berkeley
M.A., 1976, English as a Second Language, Teachers College, Columbia University
B.A., 1974, University of Michigan (English Literature)

Postgraduate Training and Fellowship Appointments

Robert Wood Johnson Foundation Clinical Scholar, University of Pennsylvania (1988-90)
Fellow in General Internal Medicine, University of Pennsylvania (1988-90)
Intern and resident in Internal Medicine, Pennsylvania Hospital (1985-88)

Faculty Appointments

Walter H. and Leonore C. Annenberg Professor in the Social Sciences (2018-)
Chair, History and Sociology of Science Department (2012-)
Professor (effective July 1, 2009), History and Sociology of Science, University of Pennsylvania
Associate Professor, with tenure, History and Sociology of Science, University of Pennsylvania (2003-2009)
Associate Professor, without tenure, History and Sociology of Science, University of Pennsylvania (1999-2003)
Professor (secondary appointment, effective July 1, 2009), Family Medicine and Community Practice, University of Pennsylvania; Associate Professor (1999-2009)
Associate Professor of Medicine, UMDNJ/Robert Wood Johnson Medical School (1997-1999)
Assistant Professor of Medicine, UMDNJ/Robert Wood Johnson Medical School (1990-1997)
Adjunct Lecturer, University of California, Berkeley (1977-1980)

Current Major Projects

Clinical Judgment and the Highly Intervened-in Disease, Body, and Population

Fellowships and Prizes

Fellow of the Shelby Culman Davis Center, Princeton University (2017)
John Simon Guggenheim Memorial Foundation Fellowship (2017)
36th Molly and Sidney N. Zubrow Award, Pennsylvania Hospital (2017)
Elected to membership, Institute of Medicine of the National Academies, now National Academy of Medicine (2014)
Jacob Ehrenzeller Award (given to distinguished alumnus of Pennsylvania Hospital; 2014)
Weiler Fellowship (2011-12)
Russell Sage Foundation Visiting Scholar (2011-12)
Radcliffe Institute for Advanced Study (2011-12; declined)
Center for Advanced Study in the Behavioral Sciences (2011-12; declined)
Visiting Scholar at Zentrum für Literaturforschung Berlin (2010)
Silverman Professor (Endowed Visiting Professorship in the History of Science) at Tel Aviv University (deferred)
Fellow of the Wissenschaftskolleg zu Berlin, (2005-2006)
Scholar at Columbia Institute for Scholars at Reid Hall, Paris (2005-6; declined)
Robert Wood Johnson Foundation Generalist Physician Faculty Scholar (1994-1998)
Charles E. Culpeper Scholar in Medical Humanities (1991-1994)
Therman Fellowship, Pennsylvania Hospital (1987)
Yale Summer Research Fellowship (1984)
Foreign Languages and Area Studies Fellowship, U.C.-Berkeley (1977-1980)
Linguistics Society of America Fellowship (1979)
Literature, Science and the Arts Scholarship, University of Michigan (1971-1974)
University of Michigan Honors Program (1970-1974)

Recent Grants

Leonard Davis Institute Pilot Grant: “Transforming prostate cancer: from despair and inaction to hope, belief in efficacy, and a mass disease” (2015): \$10,000.
Robert Wood Johnson Foundation Health and Society Scholars Program Research and Training Grant (2013). \$2,345.
School of Arts and Science Research Opportunity grant (2013). \$5,000.
School of Arts and Science Conference grant (2013). \$5,000.
Robert Wood Johnson Foundation Health and Society Scholars Program Research and Training Grant (2011-12). \$41,000.
University Research Council Grant, Social Health Conference (2010). \$3000.
Mellon Foundation Conference Grant (2009). \$5000.
“History of Health Risks in American Society,” National Library of Medicine (NIH). \$150,000 in direct costs (2008-2011)
Distinguished International Scholar, \$20,000 intramural award from Provost’s office to bring Giuseppe Testa, M.D., Ph.D., to Penn (2008-9)

Robert Wood Johnson Foundation Health and Society Scholars Program (with David Asch), current cycle \$5,494,678 in total costs, (2007-2011).
Health and Society Scholars Program Research and Education Pilot Grant, \$5,000, (2003)
Robert Wood Johnson Foundation Health and Society Scholars Program (with David Asch), \$4,633,315 in total costs, (2002-7)
Robert Wood Johnson Foundation Investigator Award in Health Policy Research, \$249,974 in total costs, (2001-2007)
Faculty Development in Primary Care, Dept. Health and Human Services, \$2,007,674 in direct costs, (2001-2005)
RO1 HG01837, National Institutes of Health, History of Breast Cancer Risk, 1900-present; \$358,717 (direct costs), (1998-2003)

BOARDS, SERVICE, etc.

International

Visiting Scholar, Max Planck Institute for History of Science, Berlin, May 2018
Short Term Fellow, Wissenschaftskolleg zu Berlin, May/June 2011
Visiting Scholar, The Center for Literary and Cultural Research in Berlin (ZfL), June 2010
Visiting Member, Working Group on Evolutionary Medicine, Wissenschaftskolleg zu Berlin (summer 2008)
Advisory Board Member (founding), Institut d'Etudes Avancées de Nantes (2007-)
Conference Convener, "Rethinking Chronic Disease," Wellcome Trust Centre for the History of Medicine, London (2005).

National

Mentor, Leadership Alliance, for underrepresented undergraduates pursuing research and graduate degrees in humanities & social sciences
External Reviewer, Department of the History of Medicine, Johns Hopkins University
Member, Ulliot Public Affairs Lecture committee at the Chemical Heritage Foundation
Conference Convener, "Social Health in the New Millennium." (2010)
Faculty Sponsor, 2009 Humanities and Social Science Conference for MD/PhDs.
Member, Abstract Selection Committee, American Association for the History of Medicine, (2008-2009).
Conference Convener, "Cancer Vaccines," Rutgers University, (2008).
Member, RWJF History and Social Policy Cluster Group, (2003-2005).
Councilor, American Association for the History of Medicine, (2001-2004).
Shryock Award committee, American Association for the History of Medicine, (2003).
Expert Advisor, Panel on Medical Consequences of War and Terrorism, DOD, VA, HHS, (1998-2001).
Curator, "Breath of Life," National Institutes of Health Exhibition (1998-2001)
Member, Expert Advisory Panel on Lyme Disease. American College of Physicians, (1998-2001).
Member, Advisory Committee of New Jersey Health Services Development Program, Robert Wood Johnson Foundation (1993-2001)

Member: Abstract Selection Committee for Society of General Internal Medicine (1996)

University

Advisory Board, National Clinical Scholars Program, Penn site
SAS planning committee on “Science, Society, and Health” (2013-14)
Advisory Board, Robert Wood Johnson Foundation Clinical Scholars Program (2012-)
Member, SAS Planning and Priorities Committee (2010-)
Member, Review Committee for Positive Psychology Center (2010)
Member, Advisory Board Bates Center for History of Nursing (2010-)
Co-Director, RWJF Health and Society Scholars Program (2003-2014)
Executive Board Member, Leonard Davis Institute
(2003-)
Member, Cancer Center, University of Pennsylvania (2000-)
Member, Selection Committee, Pilot Research Funds, Leonard Davis Institute (2007)
Greenwall Prize Selection Committee (2007)
Physician Faculty Scholar Selection Committee (2004-2005)
Dept of Family Medicine and Community Practice Committee on Appointments and Promotions (2003-present)
Director, Fellowship Program, Family Medicine and Community Practice (2000-2005)
Generalist Physician Scholar Selection Committee (2000-2004)
Associate, Center for Bioethics, (1999-2004)
Faculty Sponsor, History of Medicine seminar, School of Medicine (2003)
Faculty Mentor, Global Health Course/Program at School of Medicine (2003)
Committee on Undergraduate Education, School of Arts and Sciences (2001-2003)
SAS representative to MPH Planning and Curriculum Committee (2000-2003)
Referee, School of Medicine’s History of Medicine Prize (2001-2002)
Preceptor, Doctoring Course, School of Medicine (2000-2002)
Advisory Board, Women’s Studies (1999-2001)
Provost’s Committee on Academically-Based Community Service (2000)
Associate Director: Robert Wood Johnson Foundation Clinical Scholars Program (1993-96)

Departmental

Chair, (2012-17; 2018-)
Member, Search Committee for Senior Historian of Science (2018-2019)
Member, Search Committee for Historian of Science (2013-14)
Member, Search Committee for Historians of Technology (2012-13)
Chair, Search Committee for Historian of S. Asian Science (2010)
Graduate Chair, History and Sociology of Science (2008-2011)
History and Sociology of Science Workshop Organizer (2007)
Director, Health and Societies program (2000-2005)

Editorial Positions:

Editorial board: Bulletin of the History of Medicine (2010-2014)
Editorial board: Philosophy, Ethics, and Humanities in Medicine (2006-)
Associate Editor, Journal of General Internal Medicine (1994-1999)
Book Review Editor, Journal of General Internal Medicine (1992-1999)

Reviewer (since 2003):

National Science Foundation
Singapore National Institutes of Health
Johns Hopkins University Press
Journal of General Internal Medicine
Harvard University Press
Health and History
MacArthur Fellows Program
Annals of Internal Medicine
Bulletin of the History of Medicine
Cambridge University Press
Human Genetics
Journal of Health Communication
Journal of the History of Medicine and Allied Sciences
American Journal of Public Health
Medical Anthropology
Social Studies of Science
Science, Technology, and Human Values
University of California Press
Russell Sage Foundation

Certification

Medical Licensure: Pennsylvania (inactive status as of 2007)
Board Certification: American Board of Internal Medicine (1988)

Dissertation Students Supervised

Sara Meloni (current)
Rebecca Mueller (current)
Maxwell Rogoski (defended 2018) Penn Medical Student
Roseanna Dent (defended, committee member 2017) Assistant Professor, NJIT/Rutgers
Eram Alam (defended 2016). Assistant Professor, History of Science, Harvard University
Luke Messac (defended 2016) Completing M.D. ER Resident at Brown
Tamar Novick (defended 2014). Project leader at Max Planck Institute-Berlin
Deanna Day (defended 2014). Independent media consultant.
Divya Roy (defended 2014, committee member) Consultant
Rachel Elder (defended 2015, committee member) Researcher McGill University.
Marissa Mika (defended 2015, committee member) Head, Humanities, Rwanda Medical School

Erica Dwyer (defended 2014, committee member) Internal Medicine Resident
Julie Szymczak, (Sociology, defended 2013, committee member). Faculty at CHOP.
Britt Dahlberg (Anthropology, current) Staff member, Science History Foundation
Jason Schwartz (defended 2012, committee member). Assistant Professor, Yale.
Elise Carpenter (defended, 2008, committee member). Staff Physician, Lawrence General Hospital.
Sejal Patel, PhD (defended, 2007). Consultant.
Joanne Kempner, (defended 2004, committee member). Assistant Professor of Sociology, Rutgers University.
Carla Keirns, (defended 2004, committee member). Assistant Professor of Medicine and History, University of Kansas.

Post-Doctoral Students Mentored:

MD/PhD students: Alex Chen (anthropology, current), Stephanie Teeple (epidemiology, current), Ben Sieff (anthropology, current), Caroline Hodge (anthropology, current), Josh Franklin (anthropology, current)

Bioethics PhD students: Carol Fallon (current), Kelly Owens (current)

RWJF Clinical Scholars Program (2016-18): Mical Raz. Associate Professor of History and Medicine, University of Rochester

Family Medicine Post-Doctoral Fellowship (2003-2005): Joseph Straton, Peter Cronholm, Giang Nguyen, Wendy Barr, Marcia Wittink, Trisha Acri, Jun Mao

RWJF Health and Society Scholars (2003-present): Dominic Frosch, Sonya Grier, Jose Pagan, Patrick Kruger, Chyvette Williams, Carolyn Cannuscio, David Grande, Elizabeth Wildsmith, Annice Kim, Dawn Alley, James Macinko, Vida Maralani, Sabrina McCormick, Kevin Hanninger, Mehret Mandefro, Sarah Gollust, Eran Magen, Samir Soneji, Jooyoung Kim, Allison Bottenheim, Michael Bader, Andrew Deener, Laura Tach, Amy Gonzales, Van Tranh, Danya Keene, Brendan Saloner, Gina Greene

Undergraduate Honor Theses (since 2003):

Zayna Bakizada. Role of beliefs about malpractice crisis in physician behavior (2015)
Christine Eklund, "Direct to consumer marketing of HIV tests" (2012)
Anup Das, Indian Physicians Attitudes towards Obesity Interventions (2009)
Elena Grill, "History of Directly Observed Therapy for Tuberculosis in India" (2009)
Matthew Levin, "Non-Financial Barriers to Care in Philadelphia" (2007).
Alexandra Thomas, "Female patients attitudes towards medical care," (2005).

PUBLICATIONS

Peer reviewed books

Aronowitz, R.A. *Risky Medicine: Our Quest to Cure Fear and Uncertainty*. Chicago: Chicago University Press, 2015. Turkish translation appeared in 2019: Robert Aronowitz. *Risk Tıbbi: Korkuyu ve Belirsizliği Tedavi Etme Arayışımız*. Zeynep Alpar, trans. (İstanbul: Koç University Press)

Wailoo, K., Livingston, J. Epstein, S. and R. Aronowitz, eds. Three Shots at Prevention: The HPV Vaccine and the Politics of Medicine's Simple Solutions. Baltimore: Johns Hopkins University Press, 2010.

Aronowitz, R.A. Unnatural History: Breast Cancer and American Society, Cambridge University Press, Cambridge, U.L. and New York, 2007.

Aronowitz, R.A.. Making Sense of Illness: Science, Society, and Disease. Cambridge University Press, Cambridge, U.K. and New York, 1998. Named one of Best Books of 1998 by the Philadelphia Inquirer and Knight Ridder publications. French translation: Les Maladies Ont-Elles Un Sens? Institut Synthelabo, Paris, France, 1999.

Peer reviewed articles:

Aronowitz, R.A. "Prostate cancer: people transforming a diagnosis, a diagnosis transforming people," *Science, Technology, and Society*, in press.

Aronowitz, R.A and J. Greene. "Contingent Knowledge: A 69 Year-Old Man with PSA-detected Prostate Cancer Regrets his Earlier Decision Making," case report/perspective, solicited by the *New England Journal of Medicine* for new series in Social Medicine (under review).

Aronowitz, R.A. "By and for clinicians: the early years of Framingham," *International Journal of Epidemiology*, 2015, 44 (6): 1781-1784.

Aronowitz, R.A., Deener, A., Keene, D., Schnittker, J. and L. Tach "Cultural reflexivity in health research and practice," *American Journal of Public Health*, 2015, 105: S3, S403-S408.

Aronowitz, R.A. "'From skid row to main street: the Bowery Series and the transformation of prostate cancer, 1951-1966," *Bulletin of the History of Medicine*, 88.2 (2014): 287-317.

Aronowitz, R.A. "Screening" for Prostate Cancer in New York's Skid Row: History and

- Implications,” *American Journal of Public Health*, January 2014, Vol. 104, No. 1, pp. 70-76.
- Aronowitz, R.A. “The rise and fall of the Lyme disease vaccines: a cautionary tale for risk interventions in American medicine and public health” *Milbank Quarterly*, 2012, 90 (2):250-277.
- Aronowitz, R.A. “The Framingham Heart Study and the Emergence of the Risk Factor Approach to Coronary Heart Disease: 1947-1970,” *Revue d'Histoire des Sciences*, 2012, 64: 263-295.
- Aronowitz, R.A. “Vaccines against Cancer,” in Three Shots at Prevention: The HPV Vaccine and the Politics of Medicine's Simple Solutions, 2010, 21-38.
- Wailoo, K., Livingston, J. Epstein, S. and R. Aronowitz. “A Cancer Vaccine for Girls? HPV, Sexuality, and the New Politics of Prevention.” In Three Shots at Prevention: The HPV Vaccine and the Politics of Medicine's Simple Solutions, xi-xviii.
- Wailoo, K., Livingston, J. Epstein, S. and R. Aronowitz. “Individualizing Risk: Medical Perils, Political Pathways, and the Cultural Framing of Vaccination under the Shadow of Sexuality,” in Three Shots at Prevention: The HPV Vaccine and the Politics of Medicine's Simple Solutions, 270-293.
- Aronowitz, R.A. The converged experience of risk and disease. *Milbank Quarterly*, 2009, 87 (2): 417-442.
- Aronowitz, R.A. Framing disease: an underappreciated mechanism for the social patterning of health. *Social Science & Medicine*, 2008, 67 (1): 1-9.
- Aronowitz, R.A. Rejoinder to commentaries by Nathanson, Kunitz, and Fullwiley. *Social Science & Medicine*, 2008, 67 (1): 20-22.
- Aronowitz, R.A. Situating health risks, in American Health Care History and Policy: Putting the Past Back In, Rutgers University Press, New Brunswick, N.J., edited by R. Burns, R. Stevens, and C. Rosenberg, 2006; 153-165.
- Krieger, N., Lowy, I., Aronowitz, R., et al. Hormone replacement therapy, cancer, controversies, and women's health: historical, epidemiological, biological, clinical, and advocacy perspectives. *J Epidemiol Community Health*, 2005; 59: 740-748.
- Clauw D, Engel, C, Aronowitz, R., et. al. Unexplained symptoms after terrorism and war: an expert consensus statement. *Journal of Occupational and Environmental Medicine*, 2003; 45:1040-48.
- Aronowitz, R.A. Do not delay: Breast cancer and Time, 1900-1970. *Milbank Quarterly*, 2001; 79 (3): 355-386.

Aronowitz, R.A. What history teaches us about symptoms. Annals of Internal Medicine, 134 (9): 803-808, 2001.

Cho M., Magnus D., Caplan A., McGee D. Aronowitz R., et al. Ethical Considerations in Synthesizing a Minimal Genome. Science, 1999; 286: 2087-90.

Aronowitz, Robert. Pure or Impure Science? Annals of Internal Medicine, 1997; 127(3):250-254.

Aronowitz R.A. From Myalgic Encephalitis to Yuppie Flu. In Framing Disease, Charles Rosenberg, ed. Rutgers University Press, New Brunswick, NJ 1992.

Aronowitz R.A. Lyme Disease: The Emergence and Social Construction of a New Disease. The Milbank Quarterly 1991; 69:79-112.

Aronowitz RA. Residency as Metaphor. Journal of General Internal Medicine, Jan/Feb 1990; 5:84-87.

Aronowitz RA, Spiro HM. The Rise and Fall of Ulcerative Colitis as a Psychosomatic Disease. Journal of Clinical Gastroenterology 1988; 10(3):298-305.

Other articles

Aronowitz, R.A. and J.A. Greene, "Contingent Knowledge and Looping Effects—A 66-Year-Old Man with PSA-Detected Prostate Cancer and Regrets." *New England Journal of Medicine* 381, no. 12 (2019): 1093-1096.

Aronowitz, R.A. "Clinical Decision Making in an Era of Risk-centered Medicine," Wai Hoi Yip Sky, ed. *Preparing Healthcare Learners for a Changing World* (Institute of Medical and Health Sciences Education, Li Ka Shing Faculty of Medicine, The University of Hong Kong): 103-108.

Aronowitz, R.A. "The social and economic influences on medication use and misuse," *Journal of General Internal Medicine*, 2012 Dec;27(12):1580-1.

Aronowitz, R.A. "Die Vermengung von Risiko- und Krankheitserfahrung," in Das präventive Selbst: Eine Kulturgeschichte moderner Gesundheitspolitik (Transcript, Bielefeld), edited by Martin Lengwiler and Jeannette Madarász, 2010 [German version of 2009 Milbank Quarterly publication]

Aronowitz, R.A. "Addicted to Mammograms," Op-Ed, New York Times, Nov 19, 2009

Aronowitz, R.A. "Decision Making and Fear in the Midst of Life." The Lancet, Volume 375, 9724: 1430 - 1431, 2010.

Aronowitz, R.A. "Health and Medicine," in The Accustomed Message: The Cope Evans

Papers Digitalization Project (booklet), J. Anderies, ed.. 2009, 30-33.

Aronowitz, R.A, “Framing-Effekte fur soziale Verteilungsmuster von. Krankheit: ein unterschätzter Mechanismus” in Jörg Niewöhner, et al. (eds.), 2008. Wie geht Kultur unter die Haut? Emergente Praxen an der Schnittstelle von Medizin, Lebens- und Sozialwissenschaft, Bielefeld: Transcript. [German translation and adaptation of “Framing as Mechanism.”] 195-208.

Aronowitz, R.A. “When do symptoms become a disease?” In Health, disease, and illness: concepts in medicine (Georgetown University Press, Washington, 2004), edited by A. Caplan, J. McCartney, and D. Sisti, 65-76. [version of article originally published in Annals of Internal Medicine].

Aronowitz, R.A. The ethical dilemmas of genetic testing. In Ethical choices: case studies for medical practice, edited by Lois Snyder (American College of Physicians, Philadelphia, 2004), 22-27.

Aronowitz, R.A. The aetiological standpoint (essay review of the Rise of Causal Concepts of Disease by Codell Carter). International Journal of Epidemiology, 2004; 33 (4), 911-912, 2004.

Aronowitz, R.A. Historical Reflections on Asthma -- contemporary implications. Center for Health Care Strategies Brief, December 2001.

Aronowitz, R.A. The dilemma of genetic testing: the “breast cancer gene” and the physician’s role, an ethics case study. ACP Observer, March 1998, 18(3):1.

Aronowitz, R.A. Ethical Issues in Recognizing Diseases. Center for Bioethics Newsletter, 1997; 2(3):3-5.

Aronowitz R.A.. Trouble in Prevention (essay review), Journal of General Internal Medicine, 1994; 9: 475-478.

Aronowitz RA. Reading Tests as Texts (Chapter 9), in Spoken and Written Discourse, Ablex, Norwood, NJ, 1984.

Public Outreach

Podcast with NEJM managing editor on my “Contingent Knowledge” piece:
<https://www-nejm-org.proxy.library.upenn.edu/do/10.1056/NEJMdo005594/full/>

Megan Brooks, “Regret Over Treatment of Prostate Cancer: A Patient's Story,” 9/23/19.
<https://www.medscape.com/viewarticle/918826> (Medscape commentary on article)

Michael T. Keene, Talking hart island podcast, episode 21:
<https://michaeltkeene.com/talking-hart-island-podcast-episode-21/> (interview about Bowery research)

Molly Fischer, “Maybe It’s Lyme: What happens when illness becomes an identity? *New York Magazine*, July 22-August 4, 2019, 17-82 (article that prominently features my Lyme disease research).

Stateside, Michigan Public Radio Show on Lyme disease (7/18); see
<http://www.michiganradio.org/post/your-dog-can-get-lyme-disease-vaccine-why-can-t-you>

State of Risk: conversation with Lance Wahlert at Slought Foundation, Philadelphia, 4/18

Evidentialist Channel Podcast: Interview on *Risky Medicine*, 9/17; see
<https://player.fm/series/wu-zhijians-evidentialist-channel-1681187/robert-aronowitz-upenn-we-are-being-over-treated>

New Books Network, Podcast on *Risky Medicine*, Mikey McGovern, 12/16:
<http://newbooksnetwork.com/robert-aronowitz-risky-medicine-our-quest-to-cure-fear-and-uncertainty-u-chicago-press-2015/>

“Our Labs, Our Health,” by Kevin Garnett, *Penn Gazette*, Jan/Feb 2016, 38-43 (Extended feature on *Risky Medicine*).

Reviews of *Risky Medicine*, Financial Times, International Journal of Epidemiology, Health Affairs, Economic Record, Medical History, Bulletin of the History of Medicine, History of Medicine and Allied Sciences.

Interview with KPFA, October 13, 2015, *Against the Grain*,
<http://www.againstthegrain.org/program/1234/tues-101315-medicating-uncertainty>

Interview with Econtalk (Hoover Institution) with Russ Roberts, Nov 11, 2015, at
http://www.econtalk.org/archives/2015/11/robert_aronowit.html

Interview with HippoReads, October 10, 2015, <http://read.hipporeads.com/are-our-attempts-to-reduce-risks-of-disease-helping-or-harming/>

“Fear Factor in Breast Cancer,” *New York Times*, August 21, 2015

Interview about ideas in forthcoming *Risky Medicine* featured prominently in Aeon story (Jeff Wheelwright), “Risky Medicine,” <http://aeon.co/magazine/health/is-preventive-medicine-its-own-health-risk/>

Interviewed for nationally syndicated AP News story, “Health officials perplexed by vaccination skeptics” 3/2015

Q & A with Robert Aronowitz, *Penn Current*, 2/2014

G. Kolata, “Decades later condemnation for skid row cancer study,” *New York Times*, October 18, 2013 (article on Bowery studies, widely cited in print, internet, and broadcast media).

Interview on Canadian Broadcasting Service national news radio show, “As it happens,” October 23, 2013.

“Papers condemn 50s era research,” *Science* “News of the week” feature story, October 25, 2013, 406.

"Breast cancer scholar Robert Aronowitz discusses the big picture." *Philadelphia Inquirer* special feature (extensive interview), 10/3/11.

Program on *Unnatural History*, KPFA, March 17, 2012.

Podcast discussion of Screening Mammography: *Annals of Internal Medicine*, 4/20/2010.

P. 99 Test from *Unnatural History*, excerpt of book with author commentary, (2007):

<http://page99test.blogspot.com/2007/11/robert-aronowitzs-unnatural-history.html>
“Behandlung auf Verdacht” (“The Promise of Treatment”), Köpfe und Ideen (Annual Publication of the Wissenschaftskolleg zu Berlin), 2006. Extended interview and commentary on Unnatural History.
“Yuppie Flu, Fibromyalgia, and Other Contested Diseases” in Harry Collins; Trevor Pinch, 2005, Dr. Golem: How to Think about Medicine (Chicago: University of Chicago Press). [Partially adapted by Collins and Pinch from chapter 1 of Making Sense of Illness.]
Robert Aronowitz and Carla Keirns, co-curators, Breath of Life, online version of National Library of Medicine exhibit at: <http://www.nlm.nih.gov/hmd/breath/breathhome.html>
Robert Aronowitz and Carla Keirns, co-curators. Breath of Life, interactive DVD, National Library of Medicine (in cooperation with MetaMedia Training International, Inc. and Madison Film, Inc.) 2001.
Lyme Disease Video: Produced by American College of Physicians for CME program based on report by Expert Panel (member), 2000.

Reviews

Intolerant Bodies: A Short History of Autoimmunity by Warwick Anderson and Ian R. Mackay (Johns Hopkins, 2014). Bulletin of the History of Medicine 90.1 (2016): 178-179.

Overdiagnosed (Oxford, 2011). Nature Medicine, 2011, 17: 1037.

Diagnosis, Therapy, and Evidence: Conundrums in Modern American Medicine (Rutgers University Press, 2010) by Gerald Grob and Allan Horwitz, Bulletin of the History of Medicine, Volume 84, Number 4, Winter 2010, pp. 707-709.

Building Genetic Medicine: Breast Cancer, Technology, and the Comparative Politics of Health Care by Shobita Parthasarathy (MIT Press, 2006). Bulletin of the History of Medicine, 2008; 82 (3): 760-762. .

Private Practice: In the early 20th century office of Dr. Richard Cabot by Christopher Crenner (Johns Hopkins University Press, 2005) Bulletin of the History of Medicine, 2006; 80 (2): 381-382.

Living on the Margins Edited by Hilda Raz (Persea, 1999). *Philadelphia Inquirer*; February, 2, 2000.

Drawing Blood by Kieth Wailoo (Johns Hopkins, 1997). New England Journal of Medicine, 1998; 338: 68-70.

Listening to Prozac by Peter Kramer (Penguin Books, 1993). Journal of General Internal Medicine, April 1994.

Power and Illness by Daniel Fox (UC Press, 1993). Journal of General Internal Medicine, January, 1994.

Intoxicated by my Illness by Anatolia Broyard (Potter, 1992). Journal of General Internal Medicine, January, 1993.

Refuge by Terry Tempest Williams (Random House, 1991). Journal of General Internal Medicine, May/June 1992.

The Great White Lie by Walt Bogdanich (Simon and Schuster, 1991). *Philadelphia Inquirer*; January, 1991.

Strangers at the Bedside by David Rothman (Basic Books, 1991), Journal of General Internal Medicine, September/October, 1991.

History of AIDS by Mrko Grmek (Princeton Univ. Press, 1990), Journal of General Internal Medicine, May/June 1991.

Darkness Visible by William Styron (Random House, 1990), Journal of General Internal Medicine March/April, 1991.

Heart Failure by Thomas Moore (Random House 1989), Journal of General Internal Medicine, Nov/Dec 1990.

The Myth of Heterosexual AIDS by Michael Fumento (Basic Books 1990), *Philadelphia Inquirer*, August 1990.

Seeing Voices by Oliver Sacks (University California Press 1989) New England Journal of Medicine, November 9, 1989.

Playing Doctor: Television, Storytelling and Medical Power by Joseph Turow (Oxford University Press 1989) *Philadelphia Inquirer*; July, 1989.

What Mad Pursuit by Francis Crick.(Basic Books 1988) *Philadelphia Inquirer*; January, 1989.
Doctors: The Biography of Medicine by Sherwin B. Nuland. (Alfred A. Knopf 1988) *Philadelphia Inquirer*, July, 1988.

Becoming a Doctor by Melvin Konner.(Viking 1987) *Philadelphia Inquirer*; October, 1987.

A Not Entirely Benign Procedure by Perri Klass. (G.P. Putnum and Sons 1987) *Philadelphia Inquirer*; July, 1987.

In Africa with Schweitzer by Edgar Berman. (New Horizon Press 1987) *Philadelphia Inquirer*, May, 1987.

Letters

Letter to the Editor. Response to Poses and Isen. Journal of General Internal Medicine, 1998; 13:65-66.

Letter to the Editor. Prevention of Lyme Disease After Tick Bites. New England Journal of Medicine 1993; 328:136.

Letter to the Editor. Comments on Psychiatric Aspects of Ulcerative Colitis. American Journal of Psychiatry.1991;148(5):687-688.

Letter to the Editor. Alcohol and the U Shaped Curve. Lancet 1989; I:224.

Editorials

Editorial, "The social and economic influences on medication use and misuse," *Journal of General Internal Medicine*, 2012 Dec;27(12):1580-1.

Editorial, "Freedom from Fear" in Science Progress, 2007 (Online journal of the Center for American Progress) at <http://www.scienceprogress.org/2007/12/freedom-from-fear/>.

Editorial (with D. Asch): Cursing the Darkness. Journal of General Internal Medicine, 1998; 13(7):495-6.

Editorial (with M. Berkwits): Different questions beg different methods. Journal of General Internal Medicine, 1995; 10:409-410.

Editorial: To screen or not to screen: What is the question? Journal of General Internal Medicine, 1995; 10:295-297.

Reply to Critics: The Trouble with Chronic Fatigue. Journal of General Internal Medicine, January/February 1991; 119-120.

Editorial: The Trouble with Chronic Fatigue. Journal of General Internal Medicine, July/August 1991; 6:378-379.

Abstract

Jeffrey Bennet, Steven Galetta, Robert Aronowitz, Zissimos Mourelatos. Paraneoplastic syndrome and brainstem encephalitis with a novel neuronal antibody. Presented to the 30th Annual meeting of Frank B. Walsh Society, Orlando, FL, 3/22/98. [Case report from my clinical practice.]

Invited Lectures

- 10/87 Residency reform. Pennsylvania Hospital Board of Managers.
- 6/88 Health care in Tanzania. Medical Grand Rounds, Pennsylvania Hospital.
- 9/88 Chronic fatigue syndrome. York Hospital.
- 1/89 Chronic fatigue syndrome: a historical review. Clinical Epidemiology Unit, University of Pennsylvania.
- 1/89 The relationship of benign myalgic encephalitis to the chronic fatigue syndrome. Robert Wood Johnson Foundation Clinical Scholars National meeting, Ft. Lauderdale, Florida.
- 1/90 Historical aspects of Lyme disease. York Hospital.
- 1/90 Neurasthenia at Pennsylvania Hospital. Pennsylvania Hospital Grand Rounds.
- 1/90 From neurasthenia to yuppie flu. Yale Humanities in Medicine Program.
- 8/90 Chronic fatigue syndrome: historical antecedents and current perspectives. Medical Grand Rounds, Cooper Hospital.
- 11/90 Lyme disease: the emergence and social construction of a new disease. Robert Wood Johnson Foundation Clinical Scholar National meeting, Ft Lauderdale,Fl.
- 11/90 History of functional disease. Albert Einstein Medical College, New York.
- 9/91 Lyme disease: the social construction of a new disease and its social consequences. New York University Seminar on Science and Technology.
- 12/91 Social construction of disease. Thomas Jefferson University Program in Medical Humanities.
- 9/92 The chronic illness experience in an endemic area of lyme disease. Brigham and Women's Hospital.
- 11/92 The rise and fall of the Type A hypothesis. Robert Wood Johnson Clinical Scholars National Meeting, Ft. Lauderdale, Florida.
- 1/93 The emerging risk factor paradigm for coronary heart disease. Albert Einstein Medical School. History of Medicine Lecture Series.
- 1/93 Moral ambiguities in the risk factor approach to coronary heart disease. Social Medicine Lecture Series, Harvard Medical School.
- 1/93 Between two utopias: changing ideas about angina pectoris. Conference on "The Utopian Body." University of Michigan.
- 11/93 From the patient's angina pectoris to the cardiologist's coronary heart disease. Hannah Seminar. University of Toronto.
- 1/94 Redefining angina pectoris. Cooper Hospital Grand Rounds.
- 3/94 The changing meaning of angina pectoris. History of Medicine Lecture Series, State University of New York- Stony Brook.
- 3/94 The changing meaning of angina pectoris. Section of History of Medicine, Annual Meeting, College of Physicians of Philadelphia.
- 4/94 From the patient's angina pectoris to the cardiologist's coronary heart disease. MacArthur Foundation Conf.of MD/PhDs in Social Science, Harvard Univ.
- 9/94 Social construction of cardiovascular risk factors. Robert Wood Johnson Foundation Generalist Physician Meeting, Point Clear, Alabama.
- 4/95 Social construction of chronic disease. Thomas Jefferson University Hospital.
- 11/95 Social influences on end-of-life decision making. Pastoral Care program. University of Pennsylvania.

- 5/96 History of medicine at the bedside. Workshop at the Annual Meeting of the Society of General Internal Medicine. Washington, D.C.
- 6/96 Making sense of chronic illness. HUMED program, University of Pennsylvania
- 11/96 Travel health. Medical Grand Rounds. Atlantic City Medical Center.
- 11/97 Making Sense of Illness. Princeton Bioethics Forum, Princeton, N.J.
- 12/97 Social History of Heart Disease Prevention. Robert Wood Johnson Foundation Generalist Physician Meeting, San Diego, CA.
- 5/98 Making Sense of Illness. Health Policy Grand Rounds, George Washington University Medical Center.
- 11/98 Making Sense of Illness. Fall lecture in Literature, Arts and Medicine. New York University.
- 1/99 Skepticism and enthusiasm in breast cancer research. Women's Studies Mid-Atlantic Seminar. University of Pennsylvania.
- 2/99 Controversies in breast cancer, 1900-present. Social Studies in Medicine Colloquium. McGill University.
- 2/99 Ayers Lecture in Bioethics. McGill University.
- 2/99 The contested epidemiology and natural history of breast cancer. History and Sociology of Science Workshop, University of Pennsylvania.
- 2/99 History of unexplained illnesses. New Jersey Medical College/UMDNJ.
- 3/99 History of breast cancer risk, 1900 to present. Institute for Health Care, Health Policy, and Aging. Rutgers University.
- 6/99 Unexplained illness: qualitative focus. Plenary talk at the Conference on Federally Sponsored Gulf War Veterans' Illness Research. Arlington, VA.
- 10/99 The ethics of symptoms. American Association of Bioethics Annual Meeting. Philadelphia, PA.
- 11/99 What history teaches us about symptoms. Regeinstreif Conference on symptoms. Turkey Hill, IN.
- 11/99 History of breast cancer risk. Internal Medicine Grand Rounds, Presbyterian Hospital, Philadelphia PA.
- 4/00 Taken in time: breast cancer, doctors, patients, and delay. University of North Carolina, Chapel Hill.
- 7/00 History of breast cancer. Conference on the history of cancer, Fondation Merieux, Annecy, France.
- 05/01 The relevance of history of medicine to careers in health policy. RWJF Clinical Scholars Program, Johns Hopkins University School of Medicine.
- 11/01 The history of asthma -- contemporary implications. Conference on improving care of children with asthma. Arlington, VA
- 10/01 The construction of health risks and the demand for disease prevention, 1945-2000. Annual Meeting of the RWJF Investigator Awards in Health Policy, Atlanta, GA.
- 10/02 Living at risk: breast cancer in early 20th century U.S. Center for Health and Well Being, Woodrow Wilson School, Princeton University.
- 11/02 Living at risk: breast cancer in early 20th century U.S. Peete Lecture in the History of Medicine, University of Kansas, Kansas City.
- 4/03 Secularization of the breast cancer experience. Religious Studies Colloquium,

- University of Pennsylvania.
- 5/03 Overview of socio-historical research and training in population health, RWJF Health and Society Scholars Program annual meeting, Scottsdale, Arizona
- 6/03 An Unnatural History of Breast Cancer in the late 20th century U.S. CERMES, Paris, France
- 1/04 Situating health risks: an opportunity for disease prevention. RWJF Investigator Award Meeting, Philadelphia, PA.
- 3/04 Historical Contributions to Population Health. Plenary talk at Glaxo-Smith-Kline-Beecham Awards Ceremony, Philadelphia, PA.
- 4/04 Negotiating breast cancer risk in early 20th Century U.S. Institute for Health Care Policy and Aging, Rutgers University.
- 6/04 History of sex hormones and health policy. Radcliffe Institute for Advanced Study, Harvard University.
- 6/04 Health risks and social history. History of Science Department, Harvard.
- 9/04 Historical Dimensions of Global Health, School of Medicine, Univ.of Penn.
- 11/04 "To see the world in a grain of sand:" Rachel Carson, Barney Crile, and breast cancer circa 1960." National Institutes of Health, Bethesda, MD.
- 3/05 Do not delay: the war against time and breast cancer, 1913-1970. Nursing History Center, University of Pennsylvania.
- 4/05 Do not delay: the war against time and breast cancer, 1913-1970. Annenberg School, University of Pennsylvania
- 11/05 The converging experience of risk and chronic illness. Wellcome Institute for the History and Understanding of Medicine, London, U.K.
- 2/06 Unnatural History: Breast Cancer, Risk, and American Society. Colloquium at the Wissenschaftskolleg zu Berlin, Germany.
- 12/06 Framing as mechanism: How Culture Gets Under the Skin. Medical Anthropology and Human Ecology, Humboldt University, Berlin, Germany.
- 3/07 Cancer risk, history, and decision making. University of Manchester (U.K.)
- 4/08 Unnatural History: Breast Cancer and American Society. History of Science Department, Harvard University.
- 5/08 Social History of Breast Cancer. Annual Meeting of the Robert Wood Johnson Foundation Health and Society Scholars Program, San Antonio Texas.
- 5/08 Vaccines against risk. Rutgers University.
- 7/08 The converging experience of risk and disease. Wissenschaftszentrum Berlin fur Sozialforschung.
- 3/09 Risk and reflexivity. Centre de recherche médecine, science, santé et société CNRS, Paris.
- 4/09 19th Century Quaker Experience of Cancer. Haverford College, Haverford, PA.
- 5/09 Building a Career in Medicine and the Social Sciences. National Conference of MD/PhDs in the Social Sciences and the Humanities. Philadelphia, PA
- 10/09 Risk and Drugs. Social Studies of Science Society Annual Meeting, Washington, D.C.
- 1/10 Breast Cancer Prevention. Drexel School of Medicine Grand Rounds. Philadelphia, PA.
- 4/10 The War Against Time and Cancer: from Risk to Disease in American Society. Department of Social Medicine and Global Health, Harvard Medical School.

- 4/10 The Social and Scientific Efficacy of Cancer Interventions since the Early Twentieth Century. Ackerman Culture of Medicine Lecture, Faculty of Arts and Sciences, Harvard.
- 4/10 The global circulation of risk intervention. Conference on Social Health in the New Millennium, University of Pennsylvania.
- 5/10 Breast Cancer and American Society. Carl Wierum Visiting Professor, Englewood Medical Center, New Jersey.
- 10/10 Social Construction of Lyme disease: new developments, old concerns. Institute of Medicine, Washington, D.C.
- 5/11 The social and scientific efficacy of cancer interventions. Max Planck Institute for Human Development, Berlin, Germany
- 7/11 "Cancer Survivorship: the entangled experience of risk and disease." University of British Columbia, Vancouver, CA.
- 11/11 "Continuity and change in debates about cancer at mid-century." "Debating causality: conference at Princeton University.
- 2/12 "The history of the efficacy of medical interventions: making prostate cancer a treatable disease." Seminar at Russell Sage Foundation, NYC.
- 2/13 "The role of the historian in ongoing scientific controversies," Robert Wood Johnson Foundation Clinical Scholars Program, University of Pennsylvania.
- 5/13 "Cultural framing of cancer diagnoses," University of East Anglia, Norwich, U.K.
- 11/13 "Risk as an experienced diagnosis," Johns Hopkins University Colloquium in medical humanities.
- 12/13 "The social and psychological efficacy of risk interventions," keynote address at conference "Treating the risk society," Université Paris Descartes, Paris, France.
- 2/14 "The pre-history of prostate cancer screening," Davenport Lecture, University of Michigan, Ann Arbor, MI (postponed)
- 2/14 "The Bowery series: using skid row alcoholics to prove the efficacy of cancer screening and transform prostate cancer, 1951–1966." Memorial Sloan Kettering Cancer Center, N.Y., N.Y.
- 4/14 History of cancer screening before mammography. Keynote address to conference on women's medical history, Pennsylvania Hospital, Philadelphia
- 4/14 "The Bowery series" Rosner Endowed Lecture, Columbia University, N.Y., N.Y.
- 4/14 "Historical reflections on population health," Keynote address, Symposium, "Population health: past, present, and future," School of Public Health, University of Michigan, Ann Arbor, MI.
- 5/14 Jacob Ehrenzeller Prize Lecture, Pennsylvania Hospital, Philadelphia, PA
- 6/14 "Social efficacy of risk reduction," University of Oslo Science Studies, Oslo, Norway.
- 9/14 "History of cancer," Keynote speaker at 11th Annual J Willis Hurst History of Medicine Symposium, Atlanta, GA.
- 12/14 "Screening" for prostate cancer in New York's skid row, 1951-1966: history and ethical implications," Annual bioethics conference, CHRISTUS St Vincent Regional Medical Center, Santa Fe, New Mexico.
- 02/15 "Ethical and Historical Issues in relation to prostate cancer," Drexel University Humanities Lecture.

- 6/15 “Death of the natural history of disease and its implications for translational medicine,” University of Manchester, U.K.
- 6/15 "A critical appraisal of LYMERix and lessons learned," CDC conference on "Vaccines for Lyme Disease – Past, Present, and Future"
- 10/15 Commentary on Efficacy in History of Medicine, JASMED conference, Chemical Heritage Foundation
- 3/16 “Social and Psychological Efficacy of Reducing Risk,” University of California, Irvine
- 3/16 History and the Ethics of Prostate Cancer Screening” University of California, Irvine
- 5/16 “Risky Medicine: Overview,” Abington Hospital
- 5/16 “The decline or end of disease in affluent regions and the effect on poor ones,” Birkbeck College, London
- 9/16 “Social and Psychological Efficacy of Reducing Risk,” Perinatology Grand Rounds, Children’s Hospital of Philadelphia
- 4/17 “Risky Medicine,” Sidney Zubrow Memorial Lecture, Pennsylvania Hospital
- 4/17 “Efficacy and the highly intervened-in body,” Keynote plenary at the MD/PhD in the Social Sciences and Humanities conference, Harvard University
- 10/17 “Lost in translations,” Pre-circulated paper and discussion at the Davis Center, History Department, Princeton University.
- 12/17 “Clinical Decision Making in an Era of Risk-centered Medicine” University of Hong Kong.
- 3/18 “Clinical Judgment and the intensely intervened-in body,” The Dr. Martin A. Entin Lecture in the History of Medicine, Social Medicine Department, McGill University.
- 6/18 “Inaction, failure and then evidence-challenged enthusiasm: The early detection and radical treatment paradigm for prostate cancer, 1906-present,” Monash University-Prato, Italy.
- 10/18 “Prostate cancer: people transforming a diagnosis, a diagnosis transforming people,” keynote talk for conference “The Work of Diagnosis: Medical Concepts in Social Life,” Johns Hopkins University.
- 4/19 Risk and overtreatment, Globemed (student group), University of Pennsylvania
- 5/19 “Historical perspectives on cancer risk.” Seventh Annual Scientific Symposium, Bassler Center for BRCA, Philadelphia