The Case for Ending "Animal Science" Documented

2024 Edition

A White Paper from Responsible Policies for Animals
By David Cantor, Executive Director, Responsible Policies for Animals
www.RPAforAll.org

Since 2003, the 50 states' agriculture universities (land-grant universities; LGUs) have stonewalled Responsible Policies for Animals' empirically based 10,000 Years Is Enough campaign to phase out "animal science," named for the approximate time human beings have practiced eugenics, enslavement, and institutionalized exploitation and slaughter of nonhuman animals.

"Animal science" – university training, research, experimentation, sales, public relations, and lobbying for the meat, dairy, fish, and egg industries (MDFE) – abuses nonhuman animals and undermines human health & wellbeing and the living world. Rooted in false beliefs that human beings are entitled to other animals and that human beings benefit from consuming animal products, "animal science" debases education. "Animal science" persists due to careerism, conflict of interest, and LGU administrators' and trustees' denial and avoidance of mega-problems caused by their institutions.

Format. Each section of "The Case Against 'Animal Science' Documented" states a reason "animal science" should be eliminated followed by sources supporting the statement.

▶ Human beings are natural plant-foraging herbivores, with herbivores', not omnivores' or carnivores', anatomical & physiological food-related traits; they are natural prey to large cats, reptiles, dogs, and raptors and are not natural predators or meat-eaters; "man the hunter" is fiction; animal products are pseudofoods, not natural foods, for human beings.

Bowlby, Rex. *Plant Roots: 101 Reasons Why the Human Diet Is Rooted Exclusively in Plants*. Burbank, Cal.: Outside the Box Publishing, 2003.

Cartmill, Matt. *A View to a Death in the Morning: Hunting and Nature through History*. Cambridge: Harvard UP, 1993.

Hart, Donna and Robert W. Sussman. *Man the Hunted: Primates, Predators, and Human Evolution*, Expanded Edition. New York: Westview, 2009. (First Edition, 2005, awarded 2006 W.W. Howells Award by the Biological Anthropology Section of the American Anthropology Association.)

Heiser, Charles B., Jr. *Seed to Civilization: The Story of Food*, Second Edition. San Francisco: W.H. Freeman, 1989.

Mills, Milton R., M.D. "The Comparative Anatomy of Eating." (Enter title in any Internet search engine.)

Standage, Tom. *An Edible History of Humanity*. New York: Walker & Co., 2009.

▶ As predicted by their herbivorous nature, human beings suffer and die from the meat, dairy, fish & egg industries (MDFE), the standard American diet (SAD), and "animal science"; human beings experience optimal health with plants-only eating.

Barnard, Neal D. *et al. Nutrition Guide for Clinicians*, First Edition. Washington, D.C.: Physicians Committee for Responsible Medicine, 2007.

Barnard, Neal D., M.D. *Food for Life: How the New Four Food Groups Can Save Your Life*. New York: Three Rivers P, 1994.

Campbell, T. Colin, PhD with Howard Jacobson, PhD. *Whole: Rethinking the Science of Nutrition.* Dallas: BenBella, 2013.

Campbell, T. Colin, PhD and Thomas M. Campbell II, MD. *The China Study: The Most Comprehensive Study of Nutrition Ever Conducted.* Revised and Expanded Edition. Dallas: BenBella, 2016.

Cox, Peter. *You Don't Need Meat*. New York: St. Martin's, 2002.

Eating: It's The Biggest Cause of Disease, Disabilities and Death in the U.S. Today.[*] DVD, Third Edition. www.RaveDiet.com, 2008.

Harris, William, M.D. *The Scientific Basis of Vegetarianism*. Honolulu: Hawaii Health, 1995.

Robbins, John. *The Food Revolution: How Your Diet Can Help Save Your Life and Our World.* York Beach, Maine: Conari P, 2001.

Saunders, Kerrie. *The Vegan Diet as Chronic Disease Prevention.* New York: Lantern, 2003.

► "Animal science" undermines human health by putting sick-making MDFE and allied industries above non-toxically grown ("organic") plant foods naturally herbivorous human beings need; it impoverishes farmers and rural communities, wasting and contaminating water and soil.

Berry, Wendell. *The Unsettling of America: Culture & Agriculture*. San Francisco: Sierra Club Books, 1986. First published 1977.

Brown, Lester. *Plan B 2.0: Rescuing a Planet Under Stress and A Civilization in Trouble*. New York: Norton, 2006.

Davidson, Osha Gray. *Broken Heartland: The Rise of America's Rural Ghetto*. New York: Anchor, 1991.

Hillel, Daniel J. *Out of the Earth: Civilization and the Life of the Soil.* New York: Free Press, 1990.

Midkiff, Ken. *The Meat You Eat: How Corporate Farming Has Endangered America's Food Supply.* New York: St. Martin's, 2004.

Ulrich, Hugh. *Losing Ground: Agricultural Policy and the Decline of the American Farm*. Chicago: Chicago Review P, 1989.

► Humans acquire almost every infectious disease we can name from animal abuse, which includes everything human beings do to and with other animals and their natural homes and ecosystems.

FAO. *World Livestock 2013 -- Changing disease landscapes*, Rome.

Karesh, William B. "Emerging Diseases and Conservation: An Update on One World – One Health." In Fearn, Eva, ed. *2010-2011 State of the Wild: A Global Portrait.* Washington: Island Press, 2010.

Karlen, Arno. *Man and Microbes: Disease and Plagues in History and Modern Times*. New York: Touchstone, 1995.

---

[*] Responsible Policies for Animals sent this video to chief executives of the 50 states' land-grant universities in its campaign to eliminate "animal science."

Ponting, Clive. *A Green History of the World: The Environment and the Collapse of Great Civilizations.* New York: Penguin, 1992.

Quammen, David. *Spillover: Animal Infections and the Next Human Pandemic.* New York: Norton, 2012.

► MDFE are the main sources of food poisoning (and antibiotic-resistant infections), even when plant foods are the immediate sources.

Eisnitz, Gail A. *Slaughterhouse: The Shocking Story of Greed, Neglect, and Inhumane Treatment Inside the U.S. Meat Industry.* New York: Prometheus, 1997.

Leon, Warren and Caroline Smith DeWaal. *Is Our Food Safe?* New York: Three Rivers P, 2002.

Mellon, Margaret and Charles Benbrook, and Karen Lutz Benbrook, *Hogging It!: Estimates of Antimicrobial Abuse in Livestock.* Cambridge: Union of Concerned Scientists, 2001.

Schell, Orville. *Modern Meat.* New York: Random House, 1984.

► Institutionalized abuse of human beings – misogyny, racism, antisemitism, war, genocide, eliminationism, and more – is rooted in the unscientific belief, reinforced by "animal science," that some beings are inferior to others.

Adams, Carol J. *The Sexual Politics of Meat: A Feminist-Vegetarian Critical Theory.* New York: Continuum, 1990, 1998.

Cantor, David. "Let's Use the Brains Our Species Was Born With." *Dissident Voice*, December 5, 2014. http://dissidentvoice.org/2014/12/lets-use-the-brains-our-species-was-born-with/

Cantor, David. "Racist Ideology and Practice Rooted in Speciesism." *Dissident Voice*, September 2019. https://dissidentvoice.org/2019/09/racist-ideology-and-practice-rooted-in-speciesism/

Goldhagen, Daniel Jonah. *Worse Than War: Genocide, Eliminationism, and the Ongoing Assault on Humanity.* New York: Public Affairs, 2009.

Hornblum, Allen M. *Sentenced to Science: One Black Man's Story of Imprisonment in America.* University Park, Pennsylvania: Pennsylvania State UP, 2007.

Mason, Jim. *An Unnatural Order: Uncovering the Roots of Our Domination of Nature and Each Other.* New York: Simon & Schuster, 1993.

Patterson, Charles. *Eternal Treblinka: Our Treatment of Animals and the Holocaust.* New York: Lantern, 2002.

Rifkin, Jeremy. *Beyond Beef: The Rise and Fall of the Cattle Culture.* New York: Dutton, 1992.

Smith, David Livingstone. *Less Than Human.* New York: St. Martin's, 2011.

Spiegel, Marjorie. *The Dreaded Comparison: Human and Animal Slavery*, Second Edition. New York: Mirror, 1989.

Tuttle, Will. *The World Peace Diet: Eating for Spiritual Health and Social Harmony.* New York: Lantern, 2005.

► MDFE and allied industries break down Earth's climate, disrupt ecosystems, toxify soil and water, erode and desertify topsoil, kill countless free-living animals, and make vast ocean dead zones.

Brown, Lester R., Janet Larsen and Bernie Fischlowitz-Roberts. *The Earth Policy Reader*. New York: Norton, 2002.

Carter, Vernon Gill and Tom Dale. *Topsoil and Civilization*, Revised Edition. Norman, Oklahoma: U Oklahoma P, 1974. First published 1955.

Cook, Christopher D. *Diet for a Dead Planet: How the Food Industry Is Killing Us*. New York: New Press, 2004.

Editors, "Now, It's Not Personal! But Like It or Not, Meat-Eating Is Becoming a Problem for Everyone on the Planet," *World-Watch*, July/August 2004.

Fox, Michael W. *Agricide: The Hidden Crisis that Affects Us All*. New York: Schocken, 1986.

Goodland, Robert and Jeff Anhang. "Livestock and Climate Change: What if the Key Actors in Climate Change Are … Cows, Pigs, and Chickens?" *World Watch*, November/December 2009.

Rao, Sailesh. "Animal Agriculture [sic] Is the Leading Cause of Climate Change – a Position Paper." *Journal of Ecological Society*, Vol. 32-33, 2020-2021, pp. 155-167.

► Nonhuman animals, typically intelligent, sensitive, familial, social, and moral beings, are capable of leading fulfilling lives denied them by "animal science," MDFE, and other institutionalized animal abuse; nonhuman animals' nature contraindicates treating them as "livestock" or property.

Balcombe, Jonathan. *Pleasurable Kingdom: Animals and the Nature of Feeling Good*. New York: Macmillan, 2006.

Bekoff, Marc and Jessica Pierce. *Wild Justice: The Moral Lives of Animals*. Chicago: U Chicago P, 2009.

Cheney, Dorothy L. and Robert M. Seyfarth. *Baboon Metaphysics: The Evolution of a Social Mind*. Chicago: U Chicago P, 2007.

Harris, Sam. *The Moral Landscape: How Science Can Determine Human Values*. New York: Free Press, 2010.

Kowalski, Gary. *The Souls of Animals*, Second Edition. Novato, Cal.: New World Library, 1999.

Masson, Jeffrey Moussaieff. *The Pig Who Sang to the Moon: The Emotional World of Farm Animals*. New York: Ballantine, 2003*.

Peterson, Dale. *The Moral Lives of Animals*. New York: Bloomsbury, 2011.

► "Animal science" obstructs fundamental policy change needed to reduce animal abuse and the human misery it generates, to bring the American Revolution to fruition, and to establish lifeways and governance that comport with our species' innate morality.

Appiah, Kwame Anthony. *The Honor Code: How Moral Revolutions Happen*. New York: Norton, 2010.

---

* Responsible Policies for Animals sent this book to chief executives of the 50 states' land-grant-universities as part of its campaign to eliminate "animal science."

Cantor, David. "Beyond Humanism, Toward a New Animalism." In Tuttle, Will, ed. *Circles of Compassion: Connecting Issues of Justice*. Boston: Vegan Publishers, 2015.

Dunayer, Joan. *Speciesism*. Derwood, Maryland: Ryce, 2004.

Fox, Michael. *Inhumane Society: The American Way of Exploiting Animals.* New York: St. Martin's, 1990.

Francione, Gary. *Animals, Property, and the Law*. Philadelphia: Temple UP, 1995.

Francione, Gary. *Your Child or the Dog: An Introduction to Animal Rights.* Philadelphia: Temple UP, 2000.

Greek, C. Ray, M.D. and Jean Swingle Greek, D.V.M. *Sacred Cows and Golden Geese: The Human Cost of Experiments on Animals*. New York: Continuum, 2000.

Kellert, Stephen R. and Edward O. Wilson, eds. *The Biophilia Hypothesis*. Washington, D.C.: Island Press, 1993.

Regan, Tom. *The Case for Animal Rights.* Berkeley: U California P, 1983.

Responsible Policies for Animals (RPA). Brochure *Human Misery: The Animal-Abuse Factor*. RPA: Glenside, Pennsylvania.

Wolfson, David J. *Beyond the Law: Agribusiness and the Systemic Abuse of Animals Raised for Food or Food Production*. Watkins Glen, N.Y.: Farm Sanctuary, Inc., 1999.

Wood, Gordon S. *The Radicalism of the American Revolution*. New York: Vintage, 1993.

► "Animal science" and other university alliances with profit industries and companies corrupt universities, deceive and mislead university communities, and put private profits and careerism above truth-telling, human beings & other animals, and the living world.

Greenberg, Daniel S. *Science for Sale: The Perils, Rewards, and Delusions of Campus Capitalism.* Chicago: U Chicago P, 2007.

Greenberg, Daniel S. *The Politics of Pure Science*. Chicago: U Chicago P, 1999.

Krimsky, Sheldon. *Science in the Private Interest.* New York: Rowman & Littlefield, 2003.

Reuben, Julie A. *The Making of the Modern University: Intellectual Transformation and the Marginalization of Morality*. Chicago: U Chicago P, 1996.

Soley, Lawrence C. *Leasing the Ivory Tower: The Corporate Takeover of Academia*. Boston: South End P, 1995.

Washburn, Jennifer. *University Inc.: The Corporate Corruption of Higher Education.* New York: Basic Books, 2004.

White, Geoffry D., Ph.D., ed. *Campus, Inc.: Corporate Power in the Ivory Tower*. Amherst, N.Y.: Prometheus, 2000.

► "Animal science" reinforces the meat delusion, the protein myth, and other PR fictions maintaining SAD, the ill-health SAD promotes, and far-reaching consequences for victimized human beings, including loss of homes and other financial disasters.

Blyskal, Jeff & Marie. *PR: How the Public Relations Industry Writes the News*. New York: Morrow, 1985.

Frank, Joshua. "Meat as a Bad Habit: A Case for Positive Feedback in Consumption Preferences Leading to Lock-In," *Review of Social Economy*, Vol. 65, No. 3, pp. 319-348, November 2007. Online September 1, 2007.

Levenstein, Harvey. *Paradox of Plenty: A Social History of Eating in Modern America.* New York: Oxford UP, 1993.

Nestle, Marion. *Food Politics: How the Food Industry Influences Nutrition and Health.* Berkeley: U California P, 2002.

Rappoport, Leon. *How We Eat: Appetite, Culture, and the Psychology of Food.* Toronto: ECW P, 2003.

► Agriculture is cultivation of fields; there is no such thing as animal agriculture despite LGU and MDFE use of the term. The laws establishing our LGUs and the U.S. Department of Agriculture refer to crops, soil, water, and seeds, not meat, dairy, fish, eggs, veterinary medicine, or any other industry involving nonhuman animals.

Cantor, David. "Challenging 'Animal Ag.'" *Tribune-Star* (Terre Haute, Indiana), February 20, 2013.

An Act *Donating public lands to the several States and Territories which may provide colleges for the benefit of agriculture and the mechanic arts* (known as "the Morrill Act" for its primary author). Congress of the United States of America, Washington, D.C. Approved July 2, 1862.

An Act *to establish a Department of Agriculture*. Congress of the United States of America, Washington, D.C. Approved May 15, 1862.

► The National Research Council of the National Academies, excluding from its panels experts on human beings & other animals, ecology & the Biocaust, nutritional science, animal abuse, and biological anthropology, acknowledges change is needed at our colleges of agriculture, but fails to specify that the most-needed change is an end to "animal science."

Committee on the Future of the Colleges of Agriculture in the Land Grant University System, *Colleges of Agriculture at the Land Grant Universities: Public Service and Public Policy.* Washington, D.C.: National Academy P, 1996.

Committee on a Leadership Summit to Effect Change in Teaching and Learning, *Transforming Agricultural Education for a Changing World.* Washington, D.C.: National Academies P, 2009.

Revised 2024