RPA
www.RPAforAll.org

Responsible Policies for Animals
P.O. Box 891, Glenside, PA 19038, USA • 215-886-RPA1 • RPA@rpa1.org

November 14, 2015

The Honorable Nikki R. Haley
Governor of South Carolina
1205 Pendleton Street
Columbia, SC 29201

Dear Governor Haley:

I am enclosing a copy of the most recent Responsible Policies for Animals (RPA) mailing to Clemson University in the crucial endeavor to eliminate "animal science" at our land-grant universities (LGUs) – incalculable billions of dollars in training, research, propaganda, sales, public relations, and lobbying misguidedly provided to our most disastrous and inhumane industries: meat, dairy, fish, and eggs. I request your assistance as this matter relates to your responsibility for higher education as an *ex officio* trustee of Clemson and for food, health, environment, and animal-abuse policy as Governor.

RPA has long urged executives and trustees of Clemson and our other LGUs to eliminate "animal science." Our LGUs' recalcitrance becomes the more egregious as the need to eliminate "animal science" becomes increasingly desperate. "Animal science" thwarts your efforts as Governor to …

- minimize taxes and public expenditures;
- prevent disease for the people of South Carolina;
- reduce South Carolina's contribution to global heating;
- reduce pollution of South Carolina's water, air, and topsoil; and
- reduce needless animal abuse and suffering.

"Animal science" harms students by sacrificing morality, reason, academic standards, sound policymaking, and life itself to nonliving profit and career interests. LGU graduates wield immense influence in our nation. Incalculable harm is done when thousands upon thousands of them are misled about food, disease, pollution, animal abuse, and other life-and-death matters.

The enclosed letter to Clemson University President James Clements and the enclosed paper, *The Case Against "Animal Science" Documented*, provide details about this matter, which I am glad to discuss with you and your staff. I am glad to answer questions and send more information. Kindly let me know your response and whether I may be of service to you, and thank you for your consideration.

Sincerely,

David Cantor
Executive Director

Enclosures

The Case for Ending "Animal Science" Documented

Responsible Policies for Animals
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"Animal science" – training, propaganda, research, sales, and public relations for the meat, dairy, fish, and egg industries at our land-grant universities' colleges of agriculture – is devastating to human health and wellbeing, nonhuman animals, and Earth's ecosystems, and contrary to basic principles of education. Rooted in beliefs debunked by many fields of study, "animal science" is the most insidious instance of academic conflict of interest. The sources listed after the assertions in this document represent a vast body of work showing how anachronistic and destructive "animal science" is and why our universities must eliminate it.

Inclusion in this document does not mean a source or its author(s) promotes an end to "animal science" or endorses any assertion, claim, argument, activity, objective, or goal of Responsible Policies for Animals.

Format. Each section of *The Case Against "Animal Science" Documented* consists of a statement contributing to the argument that "animal science" should be eliminated, followed by sources, listed in alphabetical order by author, that provide knowledge, information, and analysis supporting the anti-"animal science" statement. Many of the listed sources support more than one of the anti-"animal science" statements.

► "Animal science" and other academic conflict of interest corrupt universities, deceive and mislead students, and put private profits and careerism above human and ecological health and wellbeing, human morality, and the pursuit of knowledge.

Bok, Derek. *Universities in the Marketplace: The Commercialization of Higher Education.* Princeton: Princeton UP, 2003.

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., editor, *Campus, Inc.: Corporate Power in the Ivory Tower.* Amherst, N.Y.: Prometheus, 2000.

► Universities dominate the hierarchy of institutions – government, news, public relations, schools, families, profit industries, youth and civic groups, and others – that determine what human beings eat; agriculture-college deception regarding food is especially harmful.

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.

▶ The laws establishing our colleges of agriculture at our land-grant universities and the U.S. Department of Agriculture refer to crops, soil, water, and seeds, never meat, dairy, fish, eggs, veterinary medicine, or any other industry or endeavor involving nonhuman animals. ("Agriculture" means *cultivation of fields*; there is no such thing as "animal agriculture" or an "agricultural animal.")

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 in Congress). 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 acknowledges change is needed at our colleges of agriculture, but fails to specify that the most-needed change is an end to "animal science," due to bias, careerism, and conflict of interest on the research committees and exclusion of disinterested authorities and informed advocates.

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.

▶ Our agriculture colleges' big-agribusiness orientation – with the meat, dairy, fish, egg, feed, toxic-chemical, and veterinary industries and massive animal factories, feedlots, and slaughter facilities predominant – undermines most agriculture, impoverishing farmers and rural communities, wasting and contaminating soil and water.

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.

▸ Belying "animal science," human beings are natural plant-foraging herbivores, with all of the physiological and anatomical traits that define animals as herbivores, none of those that define animals as omnivores or carnivores, and are natural prey to large cats, reptiles, dogs, and raptors; human beings are not natural predators or meat-eaters; "man the hunter" is debunked pseudo-science.

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.)

▸ Belying "animal science," human beings are harmed by eating from animals; humans experience optimal physical health when eating only plant foods.

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. *The China Study: The Most Comprehensive Study of Nutrition Ever Conducted.* Dallas: BenBella, 2004.

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.

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[*] Responsible Policies for Animals sent this video to chief executives of the 50 states' land-grant universities as part of the organization's 10,000 Years Is Enough campaign to eliminate "animal science."

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.

▶ Humans acquire almost every infectious disease we can name from unnatural direct contact with nonhuman animals by forcing them to live among humans and by invading their ecosystems, capturing them, and killing them – from prehistoric times to the present.

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.

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.

▶ The meat, dairy, fish, and egg industries are the main sources of food poisoning and antibiotic-resistant disease in human beings.

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, anti-Semitism, war, genocide, eliminationism, and more – is rooted in the unscientific belief, reinforced by "animal science," that some beings can accurately be deemed *less than human*, and in the institutionalized animal abuse perpetuated by "animal science."

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

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.

▸ The meat, dairy, fish, egg, feed, and allied industries heat Earth's climate, contaminate its land and water, erode and desertify its topsoil, destroy natural predators and other free-living animals, and devastate aquatic ecosystems.

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.

▸ Nonhuman animals, typically intelligent, sensitive, familial, social, and moral beings, are capable of leading fulfilling lives denied them by "animal science," the meat, dairy, fish, and egg industries, and all other institutionalized animal abuse; their nature contraindicates treating them as "livestock" or other forms of 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.

▶ Fundamental change to human practice, policy, education, and understanding, obstructed by "animal science," is necessary to end animal abuse as humans' way of life.

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

Dunayer, Joan. *Animal Equality: Language and Liberation.* Derwood, Maryland: Ryce, 2001.

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.

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

Salt, Henry S. *Animals' Rights Considered in Relation to Social Progress.* Clarks Summit, Pennsylvania: Society for Animal Rights, 1980. Originally published 1892.

Singer, Peter. *Animal Liberation*, Second Edition. New York: Random House, 1990.

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.

▶ Human beings are natural plant-foraging herbivorous apes originating on the African savanna with no biological need of direct contact of other animals; all that human beings do to or with other animals is animal abuse; animal abuse is a root cause of human misery.

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

Responsible Policies for Animals (RPA). Brochure *Animal Abuse: The Whole Story.* RPA: Glenside, Pennsylvania, 2014.

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* Responsible Policies for Animals sent this book to chief executives of the 50 states' land-grant-universities as part of the organization's 10,000 Years Is Enough campaign to eliminate "animal science."

If anyone could refute RPA's case against "animal science," *surely thousands of scientists and scholars in relevant fields at our LGUs could*. But no instructor, veterinarian, or executive at any LGU who has replied to RPA has been able to refute, with facts, any assertion in any of the hundreds of letters, factsheets, books, videos, and articles RPA has provided in its effort to eliminate "animal science."

I am enclosing a statement-by-statement summary of the factual basis for eliminating "animal science," the need to do so as quickly as possible, and the injustice of failing to do so. Each assertion in the enclosed paper, *The Case Against "Animal Science" Documented*, is followed by a list of published sources supporting it. Absent complete factual refutation of this paper, I am sure you will agree that Clemson and our other LGUs should immediately start phasing out "animal science."

Institutions that pioneer the needed change for the common good will gain renown despite some initial special-interest backlash. I am sure many Clemson instructors will confirm that, since ending "animal science" will reduce global heating, fecal pollution, and our species' gross over-use of land and fresh water; lethal infectious and non-communicable diseases in human beings; enslavement, eugenics, sexual and reproductive abuse, destruction of families, mutilations, and other atrocities widely perpetrated on nonhuman animals; and moral injury inflicted on human beings who abuse animals for career and profit. Ending "animal science" is a wonderful opportunity for Clemson and our other LGUs to stop teaching moral blindness and restore our species' innate, humane morality.

For the sake of the Clemson community, human beings everywhere, and the future of the living world, do not underestimate the importance of ending "animal science." Let me know if I can assist you in any way. I am dedicating a significant amount of my work on behalf of RPA and all of Earth's animals, including human beings, to this endeavor. I can travel to meetings, write for periodicals, and otherwise assist all who wish to cooperate in this effort. Kindly let me know your response at your first opportunity, and thank you for your consideration.

Sincerely,

David Cantor
Executive Director
Responsible Policies for Animals

Enclosure

Cc: The Honorable Nikki R. Haley, Governor of South Carolina

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November 12, 2015

Dr. James P. Clements
President
Clemson University
201 Sikes Hall
Clemson, SC 29634

Dear Dr. Clements:

It alarms the conscience that Clemson University and our other land-grant universities (LGUs) continue to ruthlessly reject a simple, feasible way to reduce human disease, slow human-caused global heating and our species' contamination of the natural world, and mitigate civilization's animal-abuse policy, which causes suffering, death, and extinction on an unimaginable scale.

For over a decade, Responsible Policies for Animals (RPA) has urged presidents, chancellors, trustees, and others at Clemson and our other LGUs to stop providing billions of dollars' worth of training, propaganda, research, sales, public relations, and lobbying to the meat, dairy, fish, and egg industries. Depending on your tenure in your current position, you are more or less familiar with RPA's endeavor to eliminate "animal science," far and away the worst case of university malfeasance.

Most people, including scientists, teachers, physicians, and veterinarians, wrongly believe human beings omnivores, *naturally* eating from animals. If that were true, teaching people to breed, raise, exploit, and kill nonhuman animals for food in the least inhumane ways could be justified. Since in fact human beings are natural *herbivores* with no biological need of direct contact with other animals, and since using animals *harms* them, all that human beings do with them constitutes *abuse*. So "animal science" is a powerful engine of animal abuse within and beyond our LGUs – no matter how "humane" any particular form of abuse.

Misguidedly persisting in obtaining protein from nonhuman animals, humans acquire their most lethal infectious and non-communicable diseases, as well as nearly all food poisoning, needlessly. "Animal science" not only promotes the industries that cause human beings and other animals the most suffering; it undermines universities' role in seeking the truth about food, health, and ecology, preventing sound policy in life-and-death matters.

The Department of Labor indicates that "animal science" instructors qualify for many other jobs; Clemson and our other LGUs can place them in other positions or assist them in finding employment outside of the academy. Universities should not train students for careers in animal abuse. "Animal science" instructors and students will benefit from directing their knowledge and talents to beneficial pursuits rather than continue enduring moral injury from abusing animals.

Thousands upon thousands of Americans in our LGU communities – not only students who take "pork science," "dairy science," "aquaculture," and other "animal science" courses – internalize, from the continued existence of "animal science," false and harmful beliefs making meat, dairy, fish, and eggs seem legitimate industries. One logically wonders, *Why would my university, my alma mater, my children's university, my parents' university, serve and promote the meat, dairy, fish, and egg industries if the industries were harmful to human beings, other animals, and Earth's ecosystems and biosphere?* Our LGUs only answer with public-relations tactics – a lack of intellectual integrity in urgent need of correcting.