Changing Societal Attitudes toward Animals and possibly Veterinarians

“It is easier to move a cemetery, than change a University curriculum.”

Woodrow Wilson, Ph.D. college president

Alan M. Beck
Center for the Human-Animal Bond
School of Veterinary Medicine
Purdue University
hoosh \ˈhūsh\ interj [origin unknown] — used esp. in dialogue
by animals
hoosh \ˈhūsh\ vi -ED/-ING/-ES [perh. alter. of hoise] 1 Irish: BOST, LIFT
hoosh \ˈhūsh\ n -ES chiefly Irish: HOIST, BOST
hoosh \ˈhūsh\ n -ES [origin unknown]: a thick soup
hoosier \ˈhōzēr\ n -s [perh. alter. of E dial. hoo anything large of its kind] 1: an awkward, unhandy unskilled person; esp: an ignorant rustic 2 usu cap. INDIANAN — used as a nickname
hoosier \ˈhōzēr\ adj, usu cap.: of or relating to Indiana people ⟨the Hoosier state⟩
hoosier \ˈhōzēr\ vi -ED/-ING/-S slang: to loaf on or botch
hoosier.ism \ˈhō-zər-izəm\ n -s usu cap.: a turn of speech typical of or peculiar to natives of a geographic area centered on Indiana
hoot \ˈhūt, usu -ūd. + V\ vb -ED/-ING/-S [ME houten, of imit. origin] vi 1: to utter a loud shout; usu: to cry out or shout in contempt ⟨matrons and girls shall ~ at the more —John Dryden⟩ 2 a: to make the natural noise of an owl  b: to make a sound resembling the hoo of an owl
THE TURNING POINT IN CANINE HISTORY

SHOULD WE EAT HIM, OR SHOULD WE PLAY WITH HIM?
Burial site 11,000 – 12,000 years old person with puppy

Morey, DF 1999
The early evolution of the domestic dog
*American Scientist* 82:336-347
Total Pet Ownership 62% of US Households
40% more than one pet

Pet Ownership by Pet Type

- Dog 39%
- Cat 32%
- Fish FW 11%
- Fish SW 1%
- Bird 5%
- Small animal 5%
- Reptile 4%
- Equine 3%

American Pet Products Association 2009-2010
## Multiple Pet Ownership

<table>
<thead>
<tr>
<th>2008</th>
<th>Own a Dog</th>
<th>Own a Cat</th>
<th>Own Fish</th>
<th>Own a Bird</th>
<th>Own a Small animal</th>
<th>Own a Reptile</th>
<th>Own a Horse</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>Dog</td>
<td>47</td>
<td>62</td>
<td>65</td>
<td>69</td>
<td>68</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>Cat</td>
<td>39</td>
<td>52</td>
<td>49</td>
<td>57</td>
<td>57</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>Fish (total)</td>
<td>19</td>
<td>19</td>
<td>33</td>
<td>39</td>
<td>48</td>
<td>27</td>
<td></td>
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<tr>
<td>Bird</td>
<td>9</td>
<td>8</td>
<td>15</td>
<td>18</td>
<td>19</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Small animal</td>
<td>8</td>
<td>8</td>
<td>16</td>
<td>24</td>
<td>19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reptile</td>
<td>7</td>
<td>7</td>
<td>17</td>
<td>15</td>
<td>21</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Horse</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>9</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

Columns are read going down

American Pet Products Association 2009-2010
Dogs as part of our culture
Health benefits of animal contact

“All future studies of human health should consider the presence or absence of a pet in the home and, perhaps, the nature of this relationship with the pet, as a significant variable. No future study of human health should be considered as comprehensive if the animals with which they share their lives are not included.”
Social Support Theory

Social support is the physical and emotional comfort given to us by our family, friends, co-workers and others. It is knowing that we are part of a community of people who love and care for us, and value and think well of us.

**Health Benefits of Companionship**

- Decrease Loneliness
- Stimulate Talk
- Encourage Touch and Care
- Focus of Attention
- Stimulate Exercise
- Encourage Laughter
- Encourage Social Contact
“Look, children are just pathetic substitutes for people who can't have pets.”
About the NICHD HAI Research Program

In 2007, the CDB Branch staff and representatives from the Mars, Inc., met to discuss the importance of HAI research and the lack of rigorous scientific efforts in the field. In 2008, NICHD and the WALTHAM® Centre for Pet Nutrition, a division of Mars, Inc., entered into a public-private partnership to study the interaction between humans and animals. The partnership encourages HAI research, especially as it relates to child development, health, and the therapeutic use of animals with children and adolescents.
### Percent Pet Owners Reported Benefits 2008

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Dog</th>
<th>Cat</th>
<th>Fish</th>
<th>Bird</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companionship, love, company</td>
<td>94</td>
<td>89</td>
<td>-</td>
<td>78</td>
</tr>
<tr>
<td>Good for health</td>
<td>56</td>
<td>40</td>
<td>22</td>
<td>24</td>
</tr>
<tr>
<td>Relaxation/relieves stress</td>
<td>55</td>
<td>59</td>
<td>71</td>
<td>48</td>
</tr>
<tr>
<td>Like a child/family member</td>
<td>70</td>
<td>65</td>
<td>-</td>
<td>47</td>
</tr>
<tr>
<td>Good/teach kids responsibility</td>
<td>37</td>
<td>26</td>
<td>39</td>
<td>23</td>
</tr>
<tr>
<td>Walking, jogging, exercise</td>
<td>37</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Fun to Watch/have in house</td>
<td>73</td>
<td>72</td>
<td>86</td>
<td>87</td>
</tr>
<tr>
<td>Convenience, easy to maintain</td>
<td>29</td>
<td>57</td>
<td>41</td>
<td>41</td>
</tr>
</tbody>
</table>

American Pet Products Association 2009-2010
## Percent Pet Owners Reported Drawbacks 2008

<table>
<thead>
<tr>
<th>Issue</th>
<th>Dog</th>
<th>Cat</th>
<th>Fish</th>
<th>Bird</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sadness when they die / easily</td>
<td>51</td>
<td>50</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>Finding care when traveling</td>
<td>32</td>
<td>20</td>
<td>15</td>
<td>22</td>
</tr>
<tr>
<td>Cost of food, care, medicine</td>
<td>25</td>
<td>23</td>
<td>10</td>
<td>9</td>
</tr>
<tr>
<td>Health problems/sanitary conditions</td>
<td>8</td>
<td>8</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Odor</td>
<td>11</td>
<td>27</td>
<td>-</td>
<td>14</td>
</tr>
<tr>
<td>Shedding</td>
<td>32</td>
<td>39</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Bad around other pets</td>
<td>5</td>
<td>5</td>
<td>-</td>
<td>3</td>
</tr>
</tbody>
</table>

American Pet Products Association 2009-2010
"If you have men who will exclude any of God's creatures from the shelter of compassion and pity, you will have men who will deal likewise with their fellow man."

St. Francis of Assisi
1181-1226
"The greatness of a nation and its moral progress can be judged by the way its animals are treated."

Mahatma Gandhi
1869-1948
YOUR DOG IS IN CRUEL DANGER

GREATEST MOVIE STARS ON TV... UP

Harry Belafonte
Sidney Poitier
TV movie
Once Harlem
The dog's name is Lucky. He is a lemon-colored English pointer with a fine head and subtle signs of good, expansive breeding. But when a woman from the Animal Rescue Institute came across Lucky at a Sulphur, Okla. sale three weeks ago, this is what she saw—a pathetic, crouched hulking, miserable and up for auction. The woman bought him for $3 plus a dollar for the 'kennel.'

Lucky has his counterparts all along the U.S. numerous dog "dealers," taking advantage of the growing demand for dogs for vital medical research, veterinary, breeding and animal testing business. Labrador, one of the almost fiftieth in dogs a year. To cash in on this wind, the dealer tosses the country paying a buck or two to anyone who comes forward with a dog, and who is going away. Some of them, trained to obedience, are easy to handle, for especially prized, and the Humane Society of the U.S. estimates that 50 percent of all selling get homes with high risk of "dog-sitters," who in turn sell them to no doubt. Some dealers keep big inventories of dogs in machine-feeding, some to keep, and some to sell. Cruelty to animals as a result of this cruel and illegal practice.

Pets for sale cheap—no questions asked

CONCENTRATION CAMPS FOR DOGS

Photographed by STAR WAYMAN
Laboratory Animal Welfare Act

• August 24, 1966 in less than 6 months, both houses of Congress and President Johnson sign PL-89-544, the Animal Welfare Act

• The act holds the record for the shortest time between introduction and passage of any bill
Has anyone betrayed more animals than the American Veterinary Medical Association?

Brought to you by a strong word, not just a fact.

The AVMA's vice president to "protect animal health and welfare..." Yet, disturbingly, the AVMA's own policies, not emotionally make animals sick while supporting some of the worst conditions for raising farm animals to the "fattest" on this planet, which they are bled of being shipped out in Europe, before they are sent to be slaughtered. That's right, in the United States and the AVMA is keeping it that way.

Tell that to a ballroom.

How many animals are killed in Russia every year? Can you think of anyone else who has betrayed no money? Here are some of AVMA's most betrayal.

Sow Stalls: A Lifetime of Torture

In 2002, Florida voters outlawed the use of sow stalls in the state. Sow stalls are barren metal cages that are too small for a sow herself and her piglets to survive. She can't turn around or lie down comfortably, let alone eat.

But when California rejected this for a similar law, it was quickly decided because the AVMA policy says it is not to sow's end in a large enough cage. Applying to it for an entire lifetime of men's lives.

Always pregnant, never has to turn or rest. This cruel confinement is ordered by the AVMA.

Laying hens: Starvation and Death by Wound Choppin' AVMA, again, shown in its true avian philosophy. In California last year, according to San Diego County authorities, Dr. Gregor Geller, a vet on AVMA's Animal Welfare Committee, advised an apple farmer to get rid of his thousand hens by throwing them alive and fully conscious into a wood chipper. Voice that was pleasantly followed.

In states of widespread public outrage, Dr. Geller remains on AVMA's Animal Welfare Committee.

No surprise that an AVMA policy also allows egg producers to store hens for up to 14 days in a procedure called "forced molting" that shuts the birds into a new cycle of egg laying. Storing hens is outlawed in Europe but not here.

AVMA: Bitchin' to Industry, Not Medicine

Most vets are decent people who care about animals. Just think of those hammering to help animals, not hurt them; those who are pushing for the AVMA's removal on pain to suffering. They have no idea what an animal is, it is the ultimate decision.

Your Voice Can Upgrade AVMA Policies

The AVMA can change if you and your veterinary colleagues. Give your voice a copy of this article, or, copycan be downloaded at www.avma.org or in animal. You can tell us at the AVMA to adopt ethical policies in animal welfare. You must act today. You must act today.
Reference Point

Systematic review of comparative studies examining alternatives to the harmful use of animals in biomedical education

Gary J. Patronek, VMD, PhD, and Annette Rauch, DVM, MS

JAVMA, Vol 230, No. 1, January 1, 2007
Attitudes Towards Animal Welfare

- Animal treatment not viewed ahead in priorities after education and health (AMA 1989)
- For 18-44 year olds only 7% mentioned animal rights as causes for which they work (*Rolling Stone*, 1989)
- In 1976 only 1.2% of American adults were members of animal protection groups (0.6♂ 2%♀)
- In 1990, 6% claimed membership in groups, 20% contributed money to such groups

Herzog, H. Rowan A, & Kossow, D. 2001
Social attitudes and animals
*The State of the Animals*, 2001. HSUS
Public Opinion on Using Nonhuman Animals in Painful and Injurious Research

Survey Statement: Scientists should be allowed to do research that causes pain and injury to animals like dogs and chimpanzees if it produces new information about human health problems.

<table>
<thead>
<tr>
<th>Year</th>
<th>Supporting plus Strongly Supporting Animal Research (%)</th>
<th>Opposing plus Strongly Opposing Animal Research (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985</td>
<td>63</td>
<td>30</td>
</tr>
<tr>
<td>1988</td>
<td>53</td>
<td>42</td>
</tr>
<tr>
<td>1990</td>
<td>50</td>
<td>45</td>
</tr>
<tr>
<td>1993</td>
<td>53</td>
<td>42</td>
</tr>
<tr>
<td>1996</td>
<td>50</td>
<td>45</td>
</tr>
</tbody>
</table>

The “Gentle Doctor” is a powerful and compelling image of veterinarians in the public psyche that should be expanded across all of the roles that veterinarians play in society.

The prime characteristics that veterinarians represent are:

1. compassion
2. expertise
3. humaneness
4. judgment
5. care
6. understanding

Envisioning the Future of Veterinary Medical Education: The Association of American Veterinary Medical Colleges Foresight Project, Final Report
The Wounded Puppy
Vittorio Matteo Corcos (1859-1933)

The Gentle Doctor
A Trip to the Spay Clinic Changed My Life
<table>
<thead>
<tr>
<th>2008</th>
<th>Dog (587)</th>
<th>Cat (463)</th>
<th>Fish (399)</th>
<th>Bird (320)</th>
<th>Small Animal (310)</th>
<th>Reptile (336)</th>
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</thead>
<tbody>
<tr>
<td>Adopted[^1]</td>
<td>20</td>
<td>26</td>
<td>-</td>
<td>1</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Rescue group</td>
<td>4</td>
<td>4</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Breeder/hatchery/animal farm</td>
<td>27</td>
<td>4</td>
<td>1</td>
<td>13</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>From friend/relative</td>
<td>33</td>
<td>39</td>
<td>5</td>
<td>34</td>
<td>13</td>
<td>20</td>
</tr>
<tr>
<td>Newspaper/private</td>
<td>13</td>
<td>8</td>
<td>-</td>
<td>5</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Gift</td>
<td>5</td>
<td>2</td>
<td>5</td>
<td>7</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Stray[^4]</td>
<td>8</td>
<td>34</td>
<td>4</td>
<td>5</td>
<td>3</td>
<td>17</td>
</tr>
</tbody>
</table>

[^1]: animal shelter / humane society / pet superstores
[^2]: pet stores / pet superstore, discount / mass merchandiser store
[^3]: previous owner / from own pet / bred at home
[^4]: caught or found outside / flew into yard

Only common sources shown
American Pet Products Association 2009-2010
1 + 2 surplus puppies; 3 “unwanted” animals; 4 adopted dogs; 5 straying pets + strays; 6 animal control; 7 total unwanted dogs; 8 natural mortality
<table>
<thead>
<tr>
<th>Time&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Dogs</th>
<th></th>
<th></th>
<th>Cats</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>%</td>
<td></td>
<td>n</td>
<td>%</td>
</tr>
<tr>
<td>0 to 1</td>
<td>64</td>
<td>15.6</td>
<td></td>
<td>24</td>
<td>12.7</td>
</tr>
<tr>
<td>1 to 2</td>
<td>13</td>
<td>3.2</td>
<td></td>
<td>13</td>
<td>6.9</td>
</tr>
<tr>
<td>2 to 4</td>
<td>21</td>
<td>5.2</td>
<td></td>
<td>14</td>
<td>7.4</td>
</tr>
<tr>
<td>4 to 6</td>
<td>11</td>
<td>2.7</td>
<td></td>
<td>10</td>
<td>5.3</td>
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<td>6 to 8</td>
<td>41</td>
<td>10.0</td>
<td></td>
<td>16</td>
<td>8.4</td>
</tr>
<tr>
<td>8 to 10</td>
<td>52</td>
<td>2.7</td>
<td></td>
<td>19</td>
<td>10.1</td>
</tr>
<tr>
<td>10 to 12</td>
<td>46</td>
<td>11.2</td>
<td></td>
<td>21</td>
<td>11.1</td>
</tr>
<tr>
<td>12 to 14</td>
<td>71</td>
<td>17.4</td>
<td></td>
<td>18</td>
<td>9.5</td>
</tr>
<tr>
<td>14 to 16</td>
<td>38</td>
<td>9.3</td>
<td></td>
<td>16</td>
<td>8.5</td>
</tr>
<tr>
<td>16 to 18</td>
<td>46</td>
<td>11.2</td>
<td></td>
<td>30</td>
<td>15.9</td>
</tr>
<tr>
<td>18 plus</td>
<td>6</td>
<td>1.5</td>
<td></td>
<td>8</td>
<td>4.2</td>
</tr>
</tbody>
</table>

<sup>a</sup>Given in years.

Kass, P.H., New, J.C., Jr. & Scarlett, J.M.
Understanding Animal Companion Surplus in the United States: Relinquishment of Nonadoptables to Animal Shelters for Euthanasia
Veterinary Visits for Dogs

Patronek GJ, Glickman LT, Beck AM, McCabe GP, and Ecker C:
Patronek GJ, Glickman LT, Beck AM, McCabe GP, and Ecker C:
Patronek GJ, Beck AM, and Glickman LT:
In Sum

**Dogs**
- Veterinary care
- Dog obedience
- Spay / neuter
- Free no, gift yes
- Have reasonable expectations

**Cats**
- Veterinary care
- Keep indoors
- Spay / neuter
- Declaw
- Learn about cats
- Stray / gift cat okay
- Have reasonable expectations

“Perhaps I’m asking too much of you in the way of companionship.”
Animals and classical public health
Research Paper

Purdue University–Banfield National Companion Animal Surveillance Program for Emerging and Zoonotic Diseases

Vector-Borne and Zoonotic Diseases Vol 6, No. 1 2006

Research Articles

Companion Animals as Sentinels for Community Exposure to Industrial Chemicals: The Fairburn, GA, Propyl Mercaptan Case Study

Public Health Reports Vol 123, May-June, 2008
"All he thinks about is that stupid ball."
Tool using
Animal Cognition


Dog Cognition

Brian Hare et. Al., The domestication of social cognition in dogs.  
Science 298 November 22, 2002
Nature and animals are good for the whole family
Many have forgotten this truth, but you must not forget it.

You remain responsible, forever, for what you have tamed.

Antoine de St. Exupery