

# Animal Behavior

- Animal behavior: the scientific study of what animals do and why
- Applied animal behavior: using knowledge of behavior in management, care, and husbandry of animals





# Animal Bioethics

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- Study of all of the consequences of our actions and decisions regarding animals and the environment
  - E.g. what is morally correct treatment of animals?
  - What types of production practices are ethically justifiable?

# Animal Welfare



- Scientific definition
  - The state of the animal as regards to its attempts to cope with its environment (Broom, 1996)
  - The quality of an animal's life (Bracke et al., 1999)
  - Focus is on what the animal is experiencing



# Animal Welfare—OIE definition

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- **Animal welfare** 'means how an animal is coping with the conditions in which it lives. An animal is in a good state of welfare if (as indicated by scientific evidence) it is healthy, comfortable, well nourished, safe, able to express innate behaviour, and if it is not suffering from unpleasant states such as pain, fear, and distress. Good animal welfare requires disease prevention and veterinary treatment, appropriate shelter, management, nutrition, humane handling and humane slaughter/killing. Animal welfare refers to the state of the animal; the treatment that an animal receives is covered by other terms such as animal care, animal husbandry, and humane treatment.'



# Veterinary Colleges offering Animal Behavior Programs

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- UC Davis, CA
- Colorado State University, CO
- Iowa State University, IA
- University of Pennsylvania, PA
- Cornell University, NY
- Tufts University, MA
- Purdue University, IN



# Colleges offering Animal Behavior Programs

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- Bucknell University
- Cornell University
- Colorado State University
- Indiana University
- Iowa State University
- Michigan State University
- Moorpark College (Exotic animals)
- Oregon State University
- Portland State University
- Purdue University
- Rutgers University
- University of California-Davis
- University of Illinois, Urbana-Champaign
- University of Maryland, College Park
- University of Nebraska
- Washington State University



# Where are the jobs in animal behavior?

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- Academia: teaching and research (biology, zoology, psychology, animal science, wildlife biology, ecology)
- Private animal behaviorists/consultants
- Animal welfare auditors
- Government and Industry (ARS, NIH, APHIS, pharmaceutical companies)
- Zoos, Aquariums, Conservation Organizations (researchers or curators, education programs, keepers)
- Veterinary assistants, animal caretakers, animal trainers, pet store employees, animal control



# Companion animal industry jobs

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- Career options include, but are not limited to:
  - Animal health support (vet tech, clinic office management, reception, sales)
  - Nutrition (conventional and alternative such as BARF--Bones and Raw Food diet formulation)
  - Animal behavior (applied animal behaviorist, animal training)
  - Science writing (e.g., for popular magazine such as Bark, which has a huge circulation)
  - Pet supply industry (owning, managing, support)
  - Development and testing of companion animal toys and accessories (a multi-billion dollar industry)
  - Boarding, kenneling, pet-sitting, specialty daycare
  - Laboratory animal staff support
    - USDA (APHIS, lab animal management, compliance, oversight, program support particularly in compliance with enrichment dictated by the AWA).





# Where is the funding?

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- USDA NRI—Animal Protection
- NIMH
- USDA Higher Ed challenge grant
  - E.g., innovations in curriculum development
- Industry groups (national and state)
  - E.g., National Pork Board's Animal Behavior/welfare research initiatives
- Private industry (e.g., Hills)
- Non-profit
  - Morris Animal Foundation (particularly with some collaboration expected with Vet Schools)
  - Banfield Charitable Foundation
  - Maddy's Fund
  - WALTHAM/AAH-ABV award (\$20,000 in 2007)



# Web sites of Interest

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- Animal Behavior Society <http://www.animalbehavior.org/>
- International Society for Applied Ethology (<http://www.applied-ethology.org/>)
- Center for the Human-animal Bond-Purdue University School of Vet (<http://www.vet.purdue.edu/chab/index.htm/>)
- Society of veterinary behavior technicians (<http://www.svbt.org/>)
- American Zoo and Aquarium Association ([www.aza.org](http://www.aza.org))
- The American Psychological Association (<http://www.apa.org/>)
- The Smithsonian Institution Conservation and Research Center (<http://www.si.edu/crc/>)