
interventions
interactions
animal-assisted
habituating
enrichment
current
habituation
reinforcement
responses
equipment
without
career
behaviourist
Rodent
connected
shelters
equine
lying
mitigate
friendly
wildlife
working
poultry
positive
many
various
PRT
learning
becoming
shelter
want
area
CAAB
dogs
plus
adding
e.g
Understanding
Furthermore
desensitizing
focuses
cooperative
laboratory-housed
educational
goats
day
Learning
conditioning
learn
know
clicker
focus
normal
workshops
devices
welfare
best
unfamiliar
rate
Cattle
task
experiment
owners
i'am
often
research
instructional
trained
based
apply
find
walk
lie
place
swine
decrease
therefore
center
easier
ambassador
ways
reduce
Cognitive
train
concepts
modify
assessments
dog
glove
Operant
help
daily
owned
accept
methods
study
well
ideas
events
Studying
Survey
aggression
depending
worked
Swine
participate
summer
kittens
horses
teaching
setup
vague
need
students
valuable
living
thinking
faster
operant
tasks
every
discrimination
teach
overcome
studied
carrying
using
objective
surroundings
lecture
utilize
tolerate
Help
zoo
mild
learned
use
can
Also
vet
sure
choice
animal
fear
work
pigs
improve
cats
future
PhD
bias
amount
like
stress
farm
Training
new
cows
ultimate
materials
currently
Reducing
training
testing
concept
problems
order
cooperate
project
now
modification
encouraging
moving
behaviours
certain
home
rehabilitation
adoption
applications
care
human-animal
behaviour
cognitive
handled
procedures
understanding
practices
Currently
experimental
preparing
important
handling/restraint

Creating an online inventory of animal training protocols

Kristina Horback, PhD
Animal Behavior and Cognition Lab
Department of Animal Science
University of California, Davis
https://horback.faculty.ucdavis.edu/

Behavior modification using operant conditioning

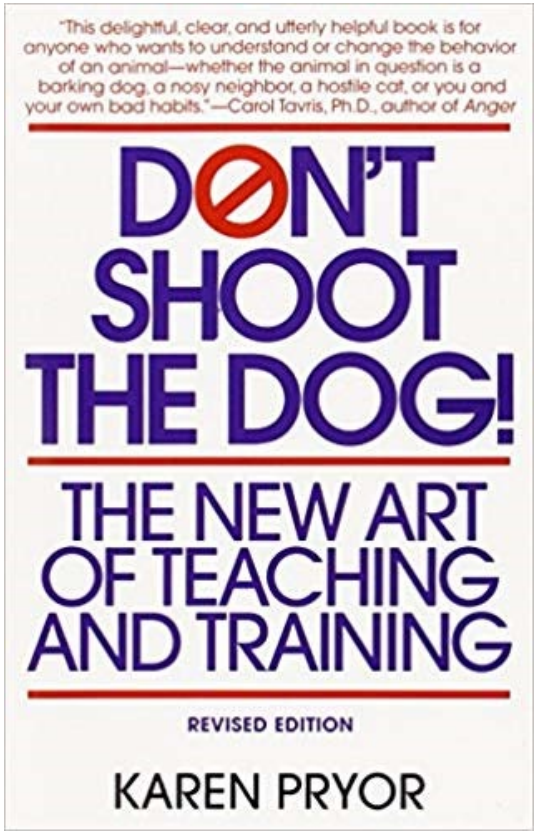
	Want to increase behavior?	Want to reduce behavior?
Give something	Positive Reinforcement (give dog a treat when sitting)	Positive Punishment (give water spray when cat jumps on table)
Remove something	Negative Reinforcement (remove pressure when horse turns)	Negative Punishment (remove wages when employee arrives late)

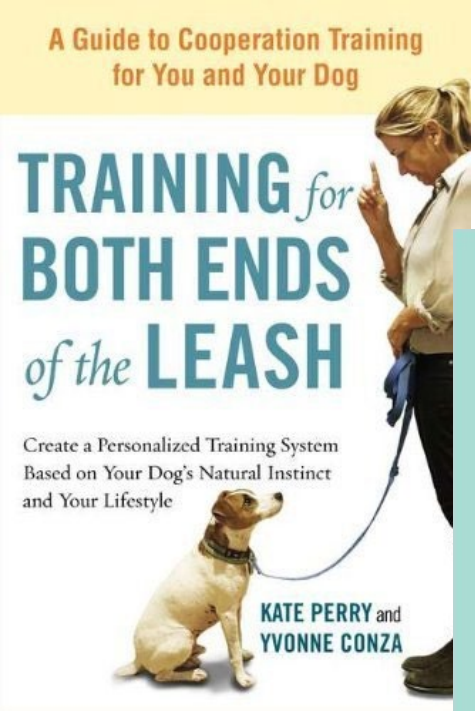
Training plan

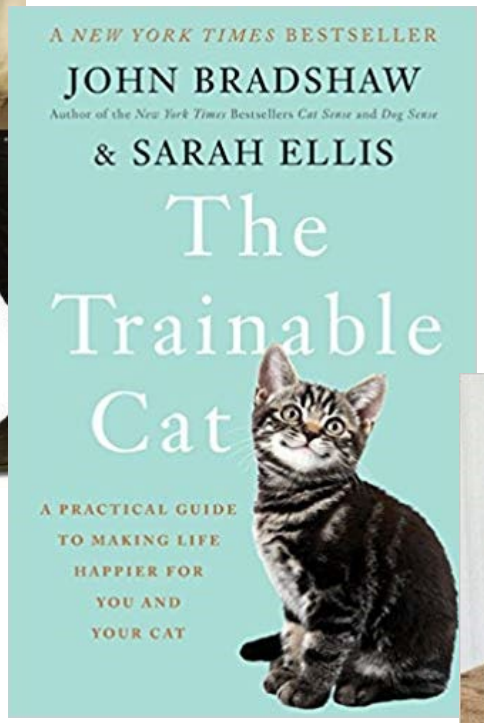
Behavior criteria

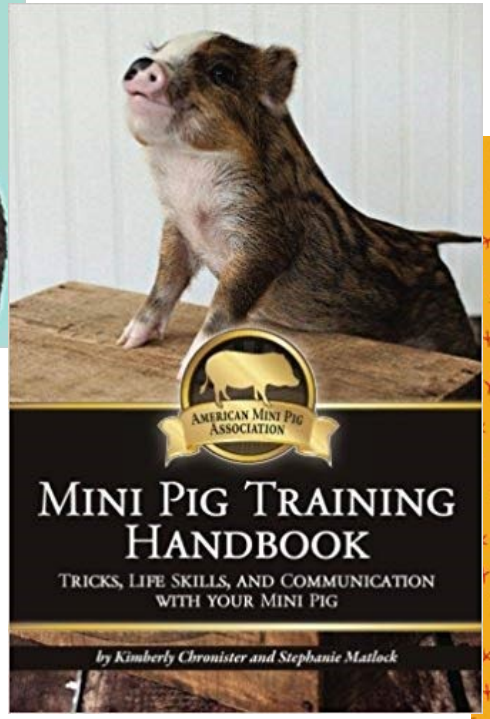
Timing of reinforcement

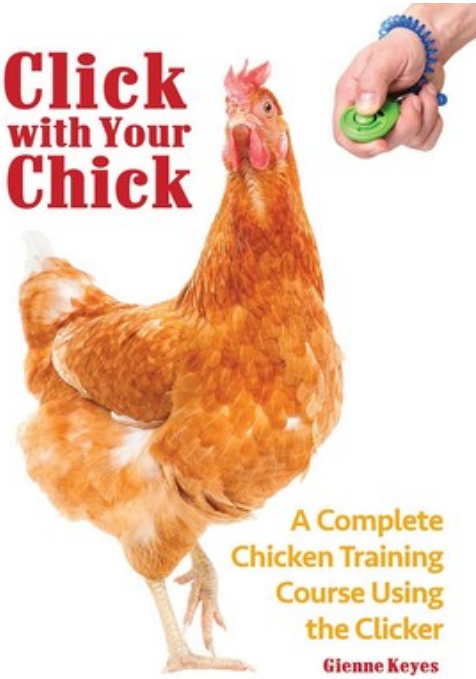
"Nobody should be allowed to have a baby until they have first been required to train a chicken."




A Guide to Cooperation Training for You and Your Dog
TRAINING for BOTH ENDS of the LEASH
Create a Personalized Training System Based on Your Dog's Natural Instinct and Your Lifestyle
KATE PERRY and YVONNE CONZA


A NEW YORK TIMES BESTSELLER
JOHN BRADSHAW
Author of the New York Times Bestsellers Cat Sense and Dog Sense
& SARAH ELLIS
The Trainable Cat
A PRACTICAL GUIDE TO MAKING LIFE HAPPIER FOR YOU AND YOUR CAT


AMERICAN MINI PIG ASSOCIATION
MINI PIG TRAINING HANDBOOK
TRICKS, LIFE SKILLS, AND COMMUNICATION WITH YOUR MINI PIG
by Kimberly Chronister and Stephanie Matlock


Click with Your Chick
A Complete Chicken Training Course Using the Clicker
Glenne Keyes

Applied Animal Behaviour Science 143 (2013) 128–134

Contents lists available at SciVerse ScienceDirect

Applied Animal Behaviour Science

journal homepage: www.elsevier.com/locate/applanim

The effects of operant training on blood collection for domestic cats

Jessica Lockhart*, Karri Wilson, Cindy Lanman

P&G Pet Care, 6571 State Route 503 North, Lewisburg, OH 45338, USA

Applied Animal Behaviour Science 66 (2000) 21–29

APPLIED ANIMAL BEHAVIOUR SCIENCE

www.elsevier.com/locate/applanim

motivation in pregnant sows: effects of ets in an operant conditioning procedure

, S. Robert [c],

Applied Animal Behaviour Science 158 (2014) 8–15

Contents lists available at ScienceDirect

Applied Animal Behaviour Science

journal homepage: www.elsevier.com/locate/applanim

Operant conditioning of urination by calves

Alison Vaughan [a,b,*], Anne Marie de Passillé [a], Joseph Stookey [b], Jeffrey Rushen [a]

[a] Pacific Agri-Food Research Centre,
[b] Department of Large Animal Clinic
Saskatoon, SK S7N 5B4, Canada

APPLIED ANIMAL BEHAVIOUR SCIENCE

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The impact of acoustical secondary re during shape discrimination learning goats (*Capra hircus*)

Jan Langbein [a,*], Katrin Siebert [a], Gerd Nue
Gerhard Manteuffel [a]

[a] Research Unit Behavioural Physiology, Research Institute for the

Available online at www.sciencedirect.com

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Applied Animal Behaviour Science 113 (2008) 123–138

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Efficacy of a remote-controlled, positive-reinforcement, dog-training system for modifying problem behaviors exhibited when people arrive at the door

Sophia Yin [a,*], Eduardo J. Fernandez [b], Sabrina Pagan [c], Sarah L. Richardson [d], Greg Snyder [e]

[a] Department of Animal Science, University of California, 1 Shields Avenue, Davis, CA 95616, United States
[b] Department of Psychological and Brain Sciences, Center for the Integrative Study of Animal Behavior, Indiana University, 1101 East 10th Street, Bloomington, IN 47403, United States
[c] P.O. Box 61, Rancho Mirage, CA 92270, United States
[d] Department of Recreation and Parks Management, California State University, Chico, CA 95929-0560, United States
[e] The Sharper Image, 350 The Embarcadero, 6th Floor, San Francisco, CA 94105, United States

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journal homepage: www.elsevier.com/locate/applanim

Use of conditioned place preference/avoidance tests to assess affective states in fish

Sandie Millot [a,*], Marco Cerqueira [a], Maria Filipa Castanheira [a], Øyvind Øverli [b], Catarina I.M. Martins [a], Rui F. Oliveira [c,d]

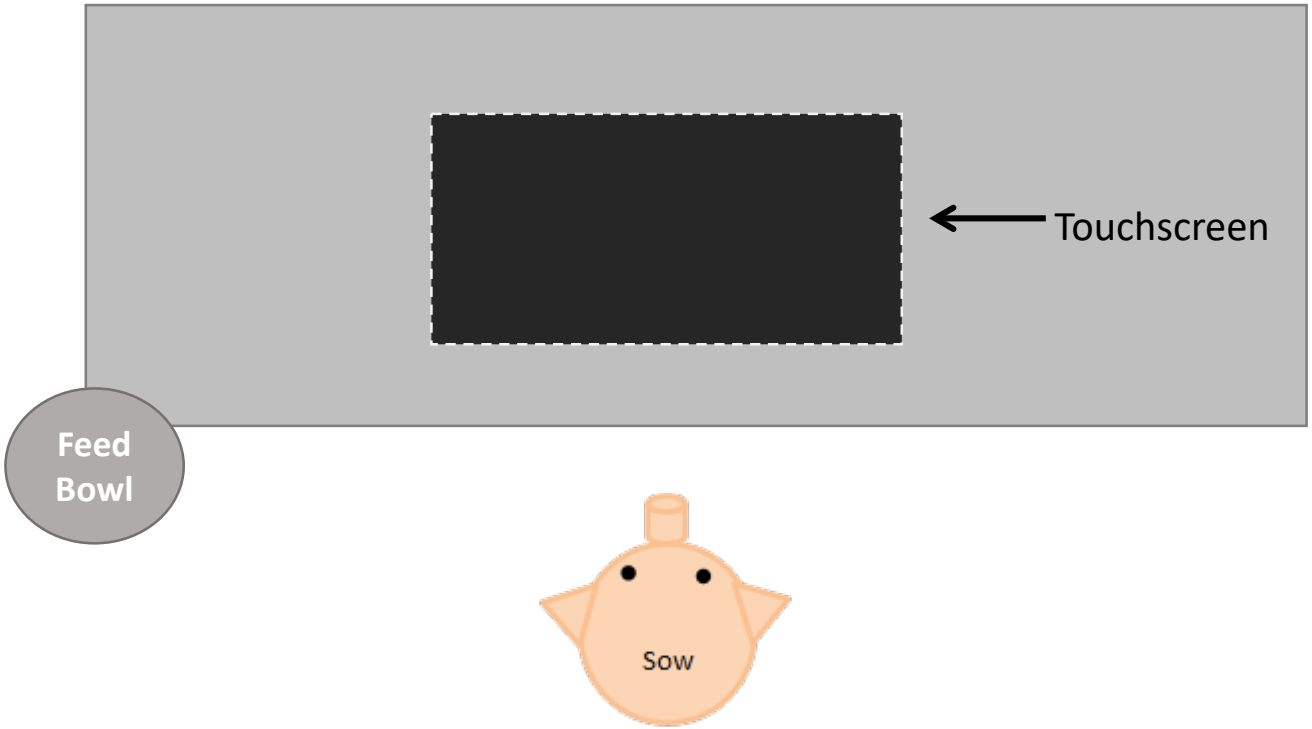
[a] CCMAR-CIMAR L.A., Universidade do Algarve, Campus de Gambelas, 8005-139 Faro, Portugal
[b] Norwegian University of Life Sciences, Department of Animal and Aquacultural Sciences, P.O. Box 5003, NO-1432 Ås, Norway
[c] ISPA Unidade de Investigação em Eco-Etologia Integrative Behavioural Biology Group, Rua Jardim do Tabaco, 34 1149-041 Lisboa, Portugal
[d] Champalimaud Neuroscience Programme, Instituto Gulbenkian de Ciência, Rua da Quinta Grande 6, 2780-156 Oeiras, Portugal

Creating an online inventory of animal training protocols

1. Create step-by-step training protocols
   - Include authors, affiliation, and corresponding email
2. Categorize protocols by **species**, **task**, and **behaviour**
   - **Species**: Chicken
   - **Task:** Operant response
   - **Behaviour:** Peck light button
3. Allocate protocols to a single, open-access location
   - Dropbox, faculty or university webpage

Animal Training Protocol: Example

Species: Swine
Task: Cognitive bias testing
Behaviour: Snout-press touchscreen



Animal Training Protocol

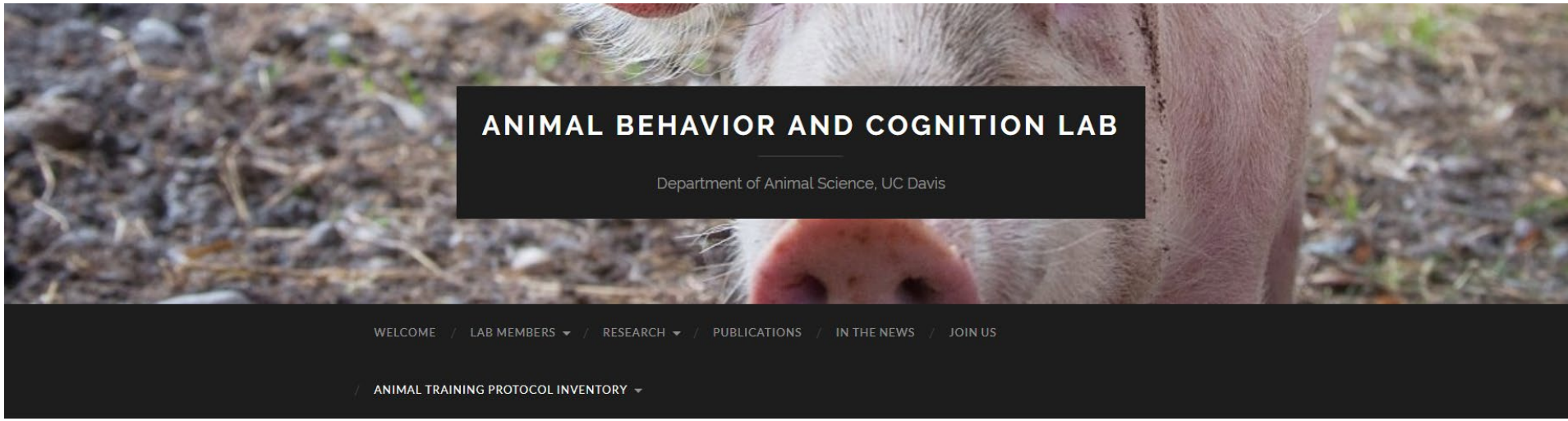
Species: Swine

Task: Cognitive bias testing

Behaviour: Snout-press touchscreen

- **Step 1** (Day 1)
  - Place sow in experiment room with door closed, screen off and lights on for 5 minutes
  - Place small amount of feed in bowl
  - Once sow is oriented to bowl, present at least 20 'Click-Feed Drop" pairings
- **Step 2** (Day 2-3)
  - Target train sows
    - Using target pole with white ball top, click-feed pairing every time sow touches/orients to ball
  - Repeat target training trials for 10 minutes
- **Step 3** (Day 4-8)
  - Shape behavior for snout press (successive approximations)
    - Reward (click-feed pair) sow for touching target with snout. Place target in front of screen and gradually phase out target pole.
    - When sow's head is oriented toward the screen, or snout is close to screen, immediately press clicker and drop small feed amount into bowl.
    - These successive approximations will progress to the final goal: click-reward for snout only pressing screen when white square is presented.

Allocate protocols to a single, open-access location



Animal Training Protocol Inventory

Welcome! Here you will find the collection of step-by-step procedures for various animal training protocols. Each protocol is categorized based on species, task, and, behavior.

https://horback.faculty.ucdavis.edu/

Benefits of inventory

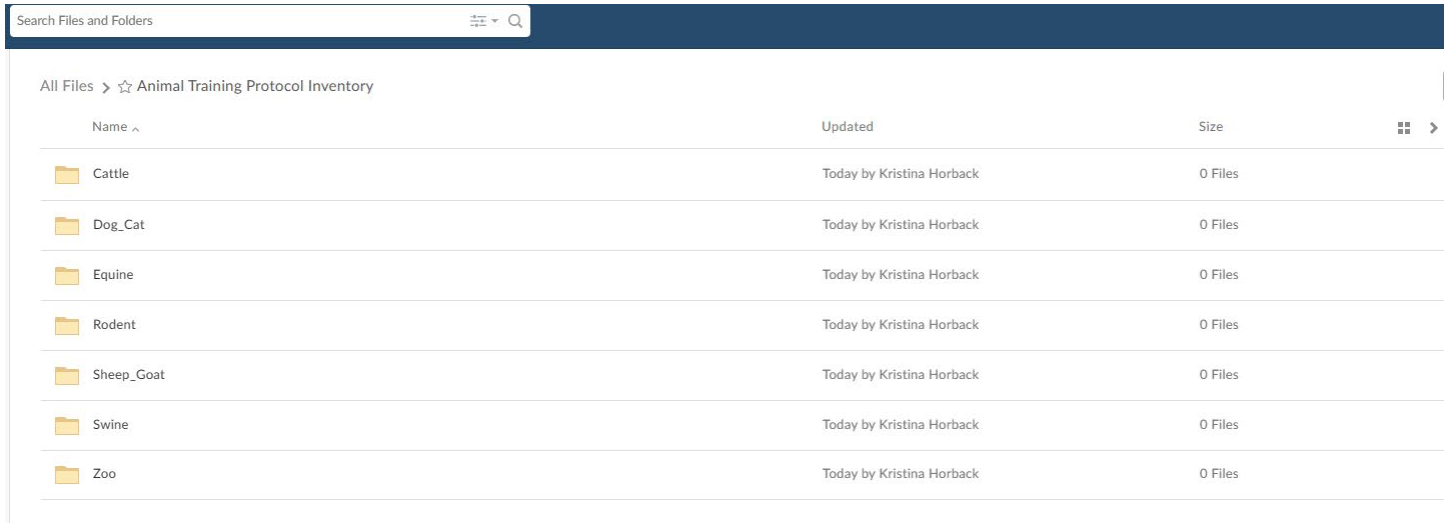
Knowledge is power.
Knowledge shared is power multiplied.

Robert Boyce

- Problem-solve training issues
  - Best rewards/experimental set-up per species?
  - How do I maintain animal interest?
    - After punishment event?
- Encourage networking among colleagues
  - Build collaborations?

Concerns?

- Copyright issue with published materials?
- Acknowledgment required when using training protocol?
- Place inventory on private shared folder instead of public website?



Discussion of inventory

- In-person
  - End of workshop
  - Throughout 53rd ISAE
- On-line (chat room)
  - “Slack”: Searchable Log of All Conversation and Knowledge
    - Email invite based on survey response
    - Public and private messaging between members