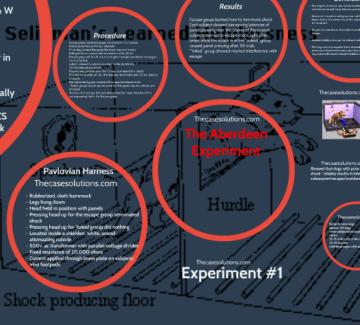


Escape/avoidance training

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Experiment #2

Subjects

30 experimentally naive mongrels beight, weight, and housing same as Experiment #1

Video

Learned Helplessness
*Sorry video won't play when
embedded in Prezi!!:(

Have to search on youtube for it. Please wait one moment(:

Procedures

Same two appointanes used from Experiment #1
hetExcept group becomes 3 days of heatment
pp = 10 censor brookshere thinks in what below from Exp. #1
Days - 2.4 hours after brutell be to had, adject two warehead in inexceptible,
arrangement does learned in the harmon.
Days - 2.4 hours after inexceptible shock, subject was returned to the phattle box
for a rode 10 of this Exp. #1

for another 30 mids like Day 1
The No Propose - no prior experience with shuttle box before experiencing feet copylate shock
A this freethment for "No Propose"

unipert exposed to inexceptable sh

Day 2) 24 hours after shock session, subjects participated in 40 shutflebox training if subject failed to respond to first five trials it was moved to opposite side of the

Summary of Experiment

Seligman and Maker warried to use if the dogs installiny to except the shuttle box (experiment #2) was because of its installiny to except or control the shock in the first experiment dearned helplanement.

Later, in 1978, Seligman and Maker proposed the theory that

Later, in 1978. Selfgiman and Maler proposed the theory that Theory that in recognization does not noticense stressed that, depletics a neutrochemical models by the animals for movemen this experience spaceled scales involving parameters such as the one done by throst where humans were subjected to a local in an escape busine. The humans were subjected to a local in an escape busine. The humans were less efficient execution that were the selfgimen of the selfgimen the best model of they had already been subjected to an emerciphate local cross.

Escapable/inescapable shock sessions

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Activity!!!

Criticisms

- The symptoms of learned helplessnes is different between animals and humans
- on man surrepreneur electings on worthlessness, suicidal thoughts and depression. Although it is dightly possible that animals can still sense these feelings as well, it is much easier to observe these behaviors in humans.
- Humans also can learn helplessness to watching other people who are experiencing it.

end to "positive prochology" eleveloped by

 Paritive psychology is primarily concerned with sang the psychological drienty, research and indevention techniques to understand the possible, adoptive, cantiles endernoloselly rallikling expect of human behavior.
 Paritive psychologists seek the find and number.

 Positive paychologists seek "to find and rente genies and talent and "to make normal life more fulfilling" rather than movely tenting

Ethical Considerations

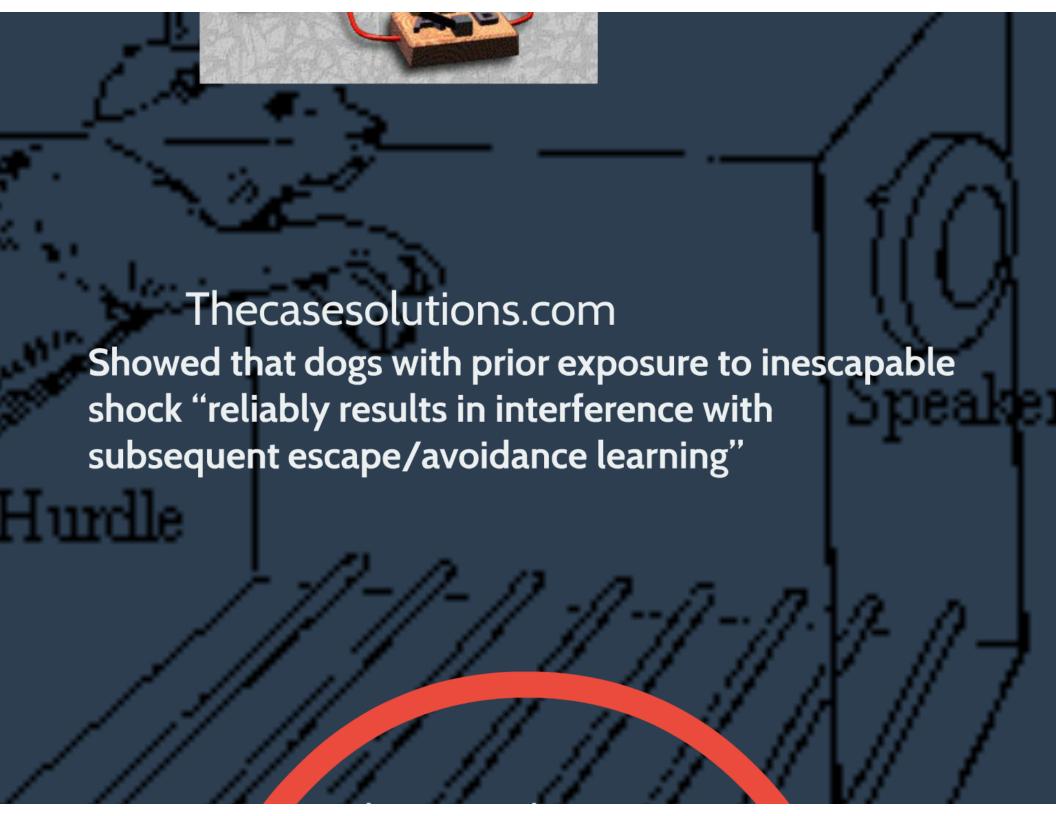
- The use of animal models to generalize thumans
- Welfare of the dogs at least two died in each experiment
- Animal right activists argue against Seligman's use of painful, inescapable shocks
- Physical and psychological harm to the dogs.
- Prompted American Psychological Association to develop ethical guidelines for the use of animals in research.



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Hurdle



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Subjects were dogs approx. 30 dogs never subjected to experiments before mutts 15-19 inches tall at the shoulder 25-29 pounds individual cages with ad lib food and water

Hurdle Thecasesolutions.com Experiment #1 ing floor

ng

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- Rubberized, cloth hammock
- Legs hung down
- · Head held in position with panels
- Pressing head up for the escape group terminated shock
- Pressing head up for Yoked group did nothing
- Located inside a shielded, white, soundattenuating cubicle
- 500v. ac transformer with parallel voltage divider
- Fixed resistance of 20,000 ohms
- Current applied through brass plate on subjects hind footpads

Hurdle

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Experiment #1

shock "reliably results in interference with subsequent escape/avoidance learning"

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Subjects were dogs approx. 30 dogs never subjected to experiments before

15-19 inches tall at the shoulder

25-29 pounds individual cages with ad lib food and wat

> subject e Day 2) 24 hours If subject box

Shock producing floor

Escapable/inescapable shock sessions

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Activity!!!

Criticisms

- The symptoms of learned helplessness is different between animals and humans.
- Humans can experience the feelings of worthlessness, suicidal thoughts and depression. Although it is slightly possible that animals can still sense these feelings as well, it is much easier to observe these behaviors in humans.
- Humans also can learn helplessness by watching other people who are experiencing it.

Contribution

- Lead to positive psycholog
 Martin Seligman and Mihaly
 (1998)
- Positive psychology is prinusing the psychological the intervention techniques to positive, adaptive, creative fulfilling aspects of human
- Positive psychologists see genius and talent" and "to more fulfilling" rather than mental illness

Pavlovian Harness Thecasesolutions.com

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photocell beams interrupted, response automatically recorded and trial ended Latencies of barrier jumping were measure from CS onset to the nearest 0.01 sec. by an electrical clock

Escape/avoidance training

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Shock producing f