Source of Information

1942-1943 - William James Lecturer, Harvard University
1934 - President of American Association for the Advancement of Science
1912 - President of American Psychological Association
1899-1940 - Faculty at Teachers College, Columbia University
1898-1944 - Assistant Professor of Psychology at Case Western Reserve University

Academic Career

In 1988, at the age of 24, Thormbye completed his PhD in Psychology at Columbia. His thesis was, "Animal Intelligence," and he then went on to Harvard and completed his MA in 1987.
Thormbye studied English at Wesleyan, earning his BS in 1985.

Education

died 8th August 1949, Massachusetts, New York

Born 31 August 1874 in Williamstown, Massachusetts, Edward Lee Thormbye was the son of a minister. He is likely that he had a higher education as a result of the socioeconomic status of his father. His upbringing was strict - hard work and good manners were emphasized. He

Family Background

Edward Lee Thormbye
To find out more about some of these contributions, click on the links below.

- Animal Behavior
- Theories of Learning
- Conditioning

Thomson also established the use of tests and-stimulated models in education and psychology. Thomson’s contribution to psychology literature was also extensive. He wrote hundreds of articles and over 70 books.

In the classroom, particularly in the area of arithmetic, Thomson made the study of child development into an objective science. The practical application of Thomson’s theory to education was significant. In the 1930s and 40s, children’s learning was a common practice.

- (Skinner, etc.) are based on Thomson’s ideas.
- He emphasized the consequences of behaviors as key determinants of what is learned and what is not. Later studies on reinforcement behavior.
- Thomson introduced the use of animals and humans in controlled settings to test and prove (or disprove) theories that predicted

question can animals think?

Thomson made a number of contributions to the world of psychology. His focus was on behaviorism. This started as a result of asking the

Contributions to the World of Psychology
Connectionism

The learning of humans also includes insight and application.

By opening the puzzle box (stimulus) the cat can get at the food (response). Learning displayed by animals (in particular cats, chickens and birds) occur at the level of particular stimulus-response relationships. For example, if an animal perceives that a particular stimulus goes with a particular response then the connection is more readily established. For example, the puzzle box.

Connectionism is a general theory of learning for animals and humans. The key feature of connectionism is that it can explain learning by breaking the law of exercise implies that these connections become strengthened with practice.

Thomode's view of learning suggests that it consists of associations (or connections) between stimuli and responses. By trial and error,
Half a Law of Effect

After studying learning behavior of humans, Thorndike realized that more repetition does not cause learning.

Repeal of Law of Exercise

The laws were revised to accommodate the observations of human behavior as opposed to that of animals.

Post 1930

...The Law of Readiness

...Response to a stimulus is pleasant, the animal will seek more of the stimulus in order to experience more of the pleasant response. Sometimes the law of effect is referred to as a model of instrumental learning. It is similar to Skinner's idea of positive reinforcement. If the stimulus is one that an animal will attempt to end or avoid altogether. This behavior is learned.

...Satisfying stimulus is one which an animal chooses to maintain, or does nothing to avoid. This behavior is learned. An annoying...

The Theory of Learning

1940's, the use of repetition, drill in the classroom was often used. Thorndike later replaced this law showing that replication does not cause...
The effects of the action lead to learning. Actions that lead to satisfaction will be 'stamped in', but actions that lead to annoyance will not be.

**Learning by Ideas**

These theories came about as a result of observing humans rather than animals. It appeared that thoughts and ideas were an important part of learning for humans.

The principle of belongingness - if two or more elements are seen as belonging together, they are more easily learned. For example, to open a door successfully, you need to turn the handle and pull or push the door. The combined actions of turning the handle and pushing or pulling.

The spread of effect - as one response is reinforced, other related responses are also affected. For example, learning how to open a door to a house can be applied to opening a cupboard door.
Animal Behaviour

This page prepared by Katherine Naylor (ID# 97184637) September 2007

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The puzzle box was a cage-like apparatus that required three separate acts to release its door. A hungry cat was placed inside and a group of levers, strings, and leashes was used to control the performance of the animal. The result of the puzzle box was the ability to measure animal intelligence controlled, standardised circumstances. The end result of the puzzle box was the ability to measure animal intelligence. Thurmudgeon's study showed that the anecdotal achievements of can and dog could be replicated in behaviour. He also studied the behaviour of rats, cats, and dogs. Perhaps his most famous study was that of cats and puzzle boxes.

Thurmudgeon first studied animal intelligence while at Harvard. He raised chickens in the basement of William James's house and studied their