

# Stimulus Control Lab



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My research focuses on variables that govern discrimination and generalization. An ongoing study with pigeons uses the intruded stimulus design to investigate how a stimulus gains control as a result of its temporal relationship with reinforcement.

Some results of this work will be presented at the meetings of Eastern Psychological Association next month. Because I was recently on sabbatical, my graduate students graduating and my laboratory moving to new quarters, I am in the process of rebuilding my facilities. I have also worked with human subjects investigating discrimination of the operant contingency. This research is an extension of Skinner's superstition experiment. I hope to get back to this work with both human and animal subjects in the near future.

## *Recent Research Activity:*

Lanson, R., Araiba, S., Mentzer, A., Furumoto, Y., & Reinwald, A. (2010). The intruded stimulus paradigm: A search for a baseline. Paper to be presented at Eastern Psychological Association Meeting, March 6, 2010, New York, N.Y.

Lanson, R., & Najjar, N. (2010). Human Contingency detection: two concurrent measures of uncertainty. Paper presented at Eastern Psychological Association Meeting, April 21, 2001, Washington, D.C.