

Steven Christopher Stout, Ph.D., BCBA

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Jacksonville State University
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EDUCATION

- BCBA, 2006 Board Certified Behavior Analyst, Behavior Analysis Certification Board, Certificant #1-06-2694.
- Ph.D, 2001 Texas Christian University
Major: Experimental Psychology
Dissertation: *Aftereffects of surprising nonreward on operant performance of rats and pigeons.*
- M.S., 1998 Texas Christian University
Major: Experimental Psychology
Thesis: *A dynamic model of surprising nonreward: Application to appetitive Pavlovian learning.*
- M.S., 1995 Northeast Louisiana University
Major: General-Experimental Psychology
Thesis: *Sheffield revisited: Drive, incentive, and consummatory behavior.*
- B.A., 1992 Northeast Louisiana University
Major: Experimental Psychology
Cum laude

INTERESTS

- Applied behavior analysis
- Basic learning processes
- Educational psychology
- Mathematical models of acquired behavior

ACADEMIC EXPERIENCE

- 2006-present Assistant Professor, Psychology
Jacksonville State University

2003-2006	Assistant Professor, Psychology Valdosta State University
2000-2003	Kirchstein NIH Postdoctoral Fellow & Visiting Assistant Professor of Psychology State University of New York at Binghamton
1996-2000	Graduate Research Assistant Texas Christian University
1999-2000	Adjunct Instructor Tarrant County College
1993-1995	Graduate Research Assistant Northeast Louisiana University

APPLIED EXPERIENCE

- 2007-2009. *Consultant*. Anniston Housing Authority to Anniston City Schools.
- 2007. *Consultant*. Oxford City Schools. Behavioral programming support.
- 2007-present. *Applied Behavior Analysis Practicum Director*. Jacksonville State University.
- 2007-present. *Consultant*. Trion County Schools. Functional analysis of behavior and implementation and revision of behavior intervention programs.
- 2006. *Consultant*. Babies Can't Wait District 8-1, Georgia Department of Human Resources, Division of Public Health. Behavioral support for providers of services to developmentally delayed children.
- 2005-2006. *Consultant*. Hamilton County Schools, Exceptional Student Education.
- 2003-2006. *Assistant Professor of Psychology*, Valdosta State University. Taught courses in applied behavior analysis and experimental analysis of behavior. Supervised individual behavior change projects of students in applied behavior analysis courses, including a functional analysis of the target behavior, operational definition, adequate base-lining, selection of appropriate treatment and design, recording of inter-observer reliability ratings, fading and maintenance of the program, and write-up of project in APA style.
- 1995-1996. *Applied Behavior Analysis Consultant*. Sabine Association for Retarded Citizens. Assessment of eligibility for services through administration of standardized intelligence tests (e.g., Stanford-Binet, WAIS), functional behavioral assessments (e.g., Vineland Adaptive Behavior Scales), and interviews. Conducted functional analyses of maladaptive behavior of residents and wrote and implemented behavior intervention

plans to address these behaviors. This work was conducted under the supervision of a licensed psychologist, Maurice Dayan, Ed.D.

- 1995-1996. *Associate to a Psychologist*, Pinecrest Development Center. Conducted functional assessments of client adaptive and maladaptive behavior through observation, staff interview, client interaction, and standardized instruments. Wrote and implemented behavior intervention plans to address client behavior. This work was conducted under the supervision of a licensed psychologist, Paul Friedberg, Ph.D.

COURSES TAUGHT

Jacksonville State University

Analysis of Behavior (graduate)
Applied Behavior Analysis Practicum (graduate and undergraduate)
Instructional Practicum
Introduction to Behavioral Assessment
Motivation (graduate)
Principles of Psychology
Statistics for the Behavioral Sciences

Valdosta State University

Applied Behavior Analysis I
Applied Behavior Analysis II
Fundamentals of Psychology
History of Psychology
Honors Fundamentals of Psychology
Psychology of Learning
Psychopharmacology
Sensation and Perception
Statistical Methods in Psychology

State University of New York at Binghamton

Comparative Psychology
Evolution and Animal Behavior
Experimental Psychology: Learning

Texas Christian University

Conditioning and Learning
Experimental Psychology: Behavioral Research Methods
Introduction to Psychology

Tarrant County College

Human Relation
Introduction to Psychology
Life Span Growth and Development

PUBLICATIONS

- Stout, S. C., & Miller, R. R. (2007). Sometimes competing retrieval (SOCR): A formalization of the comparator hypothesis. *Psychological Review*, *114*, 759-783.
- Pineño, O., Urushihara, K., Stout, S., Fuss, J., & Miller, R. R. (2006). When less is more: Extending training of the blocking association following compound training attenuates the blocking effect. *Learning & Behavior*, *34*, 21-36.
- Stout, S. C., Amundson, J., & Miller, R. R. (2005). Trial order and retention interval in human predictive judgment. *Memory & Cognition*, *33*, 1368-1376.
- Chang, R., Stout, S. C., & Miller, R. R. (2004). Comparing excitatory and forward backward conditioning. *Quarterly Journal of Experimental Psychology: B Comparative and Physiological Psychology*, *57*, 1-23.
- Stout, S. C., Escobar, M., & Miller, R. R. (2004). Trial number and temporal relationship as joint determinants of second-order conditioning and conditioned inhibition. *Learning & Behavior*, *32*, 230-239.
- Stout, S. C., & Miller, R. R. (2004). Effect of amount of contextual extinction on reevaluation of a target CS. *Behavioural Processes*, *66*, 7-16.
- Urushihara, K., Stout, S. C., & Miller, R. R. (2004). The basic laws of conditioning differ between elemental cues and cues trained in compound. *Psychological Science*, *14*, 268-271.
- Wheeler, D. S., Stout, S. C., & Miller, R. R. (2004). Interaction of retention interval with CS-preexposure and extinction treatments: Symmetry with respect to primacy. *Learning & Behavior*, *32*, 335-347.
- Savastano, H. I., Arcediano, F., Stout, S. C., & Miller, R. R. (2003). Interaction between preexposure and overshadowing: Further analysis of the extended comparator hypothesis. *Quarterly Journal of Experimental Psychology: B Comparative and Physiological Psychology*, *56*, 371-395.
- Stout, S. C., Arcediano, P., Escobar, M., & Miller, R. R. (2003). Overshadowing as a function of trial number: Dynamics of first- and second-order comparator processes. *Learning & Behavior*, *31*, 85-97.
- Stout, S. C., Boughner, R., & Papini, M. R. (2003). Reexamining the frustration effect in rats: Aftereffects of surprising reinforcement and nonreinforcement. *Learning and Motivation*, *34*, 437-456.
- Stout, S. C., Chang, R., & Miller, R. R. (2003). Trial spacing is a determinant of cue interaction. *Journal of Experimental Psychology: Animal Behavioral Processes*, *29*, 23-38.

Stout, S. C., Muzio, R. N., Boughner, R. L., & Papini, M. R. (2002). Aftereffects of the surprising presentation and omission of appetitive reinforcers on key-pecking in pigeons. *Journal of Experimental Psychology: Animal Behavioral Processes*, 2, 242-256.

IN PREPARATION

Stout, S. C., & Hill, J. C., & McKerchar, T. L. (2008). *Randomization comparison of functional forms*.

Stout, S. C. (2007). *Statistics in a plain brown bag*. (Textbook).

CONFERENCE PRESENTATIONS

Pickford, S. T., McKerchar, T. L., Hill, J. C., & Stout, S. C. (2008). Does initial immediate-reward amount predict the rate of delay discounting in a double-limit choice procedure? *Association for Behavior Analysis*. Chicago, IL.

Miller, R. R., & Stout S. C. (2005, November). Sometimes competing retrieval (SOCR): A formalization of the extended comparator hypothesis. *Conference on Associative Learning Today*. Hamilton, Ontario, Canada. Invited address.

Miller, R. R., Stout, S. C., & Amundson, J. C. (2004, November). Trial order in human contingency judgment. *Psychonomic Society*. Minneapolis, MN.

Pineño, O., Stout, S. C., Fuss, J., & Miller, R. R. (2004, September). Attenuation of forward and backward blocking achieved by extending posttraining of the blocking association. *International Society for Comparative Psychology*. Oviedo, Spain.

Miller, R. R., & Stout, S. C. (2004, June). SOCR: A mathematical implementation of the extended comparator hypothesis. *Society for the Quantitative Analysis of Behavior*, Boston, MA.

Pineño, O., Fuss, J., Stout, S. C., & Miller, R. R. (2004, April). Attenuation of forward and backward blocking achieved by extending posttraining of the blocking association. *Eastern Psychological Association*, Washington, D.C.

Pineño, O., Fuss, J., Stout, S. C., & Miller, R. R. (2004, March). Attenuation of forward and backward blocking achieved by extending posttraining of the blocking association. *Comparative Cognition Society*. Melbourne, FL.

Miller, R. R., & Stout, S. C. (2003, September). Sometimes competing retrieval: A mathematical implementation of the extended comparator hypothesis. *Pavlovian Society*, Bloomington, IN.

- Miller, R. R., & Stout, S. C. (2003, April). Sometimes competing retrieval: A mathematical implementation of the extended comparator hypothesis. *Gregynog Symposium on Associative Learning*, Wales, UK.
- Amundson, J., Stout, S. C., & Miller, R. R. (2003, March). Interaction of trial order and retention interval in a human contingency judgment task. *Eastern Psychological Association*, Baltimore, MD.
- Stout, S. C., & Miller, R. R. (2003, March). Sometimes competing retrieval (SOCR): A model of Pavlovian conditioning. *Eastern Psychological Association*, Baltimore, MD.
- Wheeler, D. S., Stout, S. C., Scalli, L. & Miller, R. R. (2003, March). A super latent inhibition effect observed in a conditioned fear preparation. *Eastern Psychological Association*, Baltimore, MD.
- Stout, S. C., Escobar, M., & Miller, R. R. (2002, November). Trial number and temporal relationship as joint determinants of second-order conditioning and conditioned inhibition. *Psychonomic Society*, Kansas City, MO.
- Stout, S. C., & Miller, R. R. (2002, March). Overshadowing is transient: Role of comparator processes. *Eastern Psychological Association*, Boston, MA.
- Chang, R., Stout, S. C., & Miller, R. R. (2002, March). Context mediation of excitatory backward and forward conditioning: Posttraining context extinction. *Conference on Comparative Cognition*, Melbourne, FL.
- Stout, S. C., & Miller, R. R. (2002, March). Mediation as a function of trial spacing and number of training trials. *Conference on Comparative Cognition*, Melbourne, FL.
- Stout, S. C., & Miller, R. R. (2002, March). Trial number and temporal contiguity as determinants of cue mediation. *Conference on Comparative Cognition*, Melbourne, FL.
- Stout, S. C., & Miller, R. R. (2001, November). The effect of trial spacing on cue competition. *Psychonomic Society*, Orlando, FL.
- Stout, S. C., & Miller, R. R. (2001, November). Positive and negative mediated behavior: Trade-off with number of compound-CS trials. *Pavlovian Society*, New Brunswick, NJ.
- Stout, S. C., Boughner, R., & Papini, M. (2001, March). Different sources of the frustration effect in rats and pigeons: Evolutionary implications. *Conference on Comparative Cognition*, Melbourne, FL.
- Stout, S. C., & Papini, M. R. (2001, April). Another look at the frustration effect. *Eastern Psychological Association*, Washington, DC.

- Stout, S. C. (2000, April). A randomization technique for comparing rates of extinction. *Southwestern Psychological Association*, Dallas, TX.
- Stout, S. C., Thomas, B. L., & Papini, M. R. (1999, November). Can spaced-trial instrumental extinction in rats and pigeons be explained by the same process? *Psychonomic Society*, Los Angeles, CA.
- Papini, M. R., Stout, S. C., & Thomas, B. L. (1999, September). Consequences of surprising nonreward in pigeons. *Spanish Society of Comparative Psychology*, Seville, Spain.
- Stout, S. C., Papini, M. R., Muzio, R., & Hollingsworth, P. (1998, April). Fixed-interval performance of pigeons following surprising v. predicted nonreward. *Southwestern Psychological Association*, New Orleans, LA.
- Stout, S. C., & Crowder, W. F. (1995, April). Places and drugs. *Southwestern Psychological Association*, San Antonio, TX.

CONFERENCE POSTERS

- Stout, S. C. (2007, November). The recency-primacy shift in man and beast. *Southeastern Association for Behavior Analysis*.
- Stout, S. C. (2006, April). Analysis of group by trial effects using a randomization comparison of geometric growth rate parameters. *Georgia Psychological Society*, Valdosta, GA.
- Stout, S. C. (2004, October). Statistical concepts that repeat in other courses. Finding Out: Best Practices in Teaching *Research Methods & Statistics in Psychology*, Atlanta, GA.
- Stout, S. C., Ludvigson, H. W., & Papini, M. R. (1998, November). DFT: A real-time model of the effects of surprising nonreward. *Psychonomic Society*, New Orleans, LA.
- Stout, S. C., & Maples, E. G. (1995, April). Sheffield revisited. *Southwestern Psychological Association*, San Antonio, TX.

WORKSHOPS

- Stout, S. C. (2006, June). *Introduction to applied behavior analysis*. Summit on Positive Behavioral Support, Hamilton County Schools, FL.
- Stout, S. C. (2005, February). *Primitive induction involving compound predictor cues*. Science Seminar Series, Valdosta State University, GA.

PROFESSIONAL AFFILIATIONS

(past and present)

Alabama Association for Behavior Analysis
Association for Behavior Analysis
Comparative Cognition Society
Eastern Psychological Association
Georgia Psychological Society
Society for the Quantitative Analysis of Behavior
Southeastern Association for Behavior Analysis
Southwestern Psychological Association
Southwestern Comparative Psychological Association

REFERREE

Behavioural Processes
International Journal of Comparative Psychology
Learning & Behavior
Learning and Motivation
Psychonomic Bulletin & Review

GRANTS AND AWARDS

Faculty Research Award. (2007). Jacksonville State University.

Jacksonville State University Faculty Research Grant. (2007). *Testing novel implications of the SOCR model*. \$2005.

Severely Emotionally Disturbed Network, Mini-Grant, Florida Department of Education. (2006). *A positive behavioral support package for exceptional student classrooms*. \$2000. Awarded to Hamilton County Schools, Exceptional Student Services.

Severely Emotionally Disturbed Network, Mini-Grant, Florida Department of Education. (2005). *A token economy store for an exceptional student classroom*. \$2000. Awarded to Hamilton County Schools, Exceptional Student Services.

Valdosta State University Faculty Research Grant. (2003). *Primacy and recency effects in human judgments of causality*, \$900.

Kirschstein National Research Service Award. (2002-2005). *Boundary conditions of time-scale invariance*, Grant #F32-MH064420, National Institute of Mental Health. \$132,768.

UNIVERSITY, DEPARTMENT, AND COMMUNITY SERVICE

Rights Protection Committee (2008). The Learning Tree, Inc. Jacksonville, AL.

Computer Advisory Committee (2007). Jacksonville State University.

Department Head Selection Committee (2007). Psychology Department, Jacksonville State University.

Enrollment Management Committee (2007). Jacksonville State University.

Faculty Selection Committee (2007). Psychology Department, Jacksonville State University.

Graduate Curriculum Committee Chair (2007-Present). Jacksonville State University.

Educational Policies Committee (2005-2006). Valdosta State University.

Institutional Animal Use and Care Committee (2005-2006). Valdosta State University.

Thesis Committee. (2005). Predictors of first-time success on NCLEX-RN in one southeastern university's baccalaureate nursing degree program, Patricia Anne Beet-Bejos.

College of Education Technology Committee. (2004-2006). Valdosta State University.

Psychology & Counseling Textbook Adoption Committee. (2004). Valdosta State University.