

## CURRICULUM VITAE

Timothy A. Shahan

August, 2008

### **ADDRESS**

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### **EDUCATIONAL HISTORY**

1998 Ph.D. Department of Psychology, West Virginia University  
1996 M.A. Department of Psychology, West Virginia University  
1994 B.A. Department of Psychology West Virginia University

### **POSITIONS HELD**

2007- *Associate Professor*  
Department of Psychology, Utah State University  
2003-2007 *Assistant Professor*  
Department of Psychology, Utah State University  
2000-2003 *Research Assistant Professor,*  
Department of Psychology, University of New Hampshire  
1998-1999 *Postdoctoral Research Fellow in Drug Abuse,*  
Human Behavioral Pharmacology Laboratory  
Department of Psychiatry, University of Vermont  
1994-1998 *Graduate Teaching Assistant*  
Department of Psychology, West Virginia University

### **AWARDS**

2007 *Researcher/Scholar of the Year*  
College of Education and Human Services, Utah State University  
2006 *B.F. Skinner Young Researcher Award*  
American Psychological Association: Division 25  
2004 *Karl Lashley Distinguished Alumnus Award*  
Department of Psychology, West Virginia University  
1998 *The Phillip E. Comer Award for Outstanding Graduate Teaching*  
Department of Psychology, West Virginia University  
1998 *The Don Hake Award for Outstanding Graduate Career*  
Department of Psychology, West Virginia University

<b>PROFESSIONAL SERVICE AND ORGANIZATIONS</b>
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#### Ad Hoc Federal Grant Reviewer

2008 National Institutes of Health: Biobehavioral Regulation, Learning and Ethology  
Study Section (BRLE)  
2008 National Institute on Alcohol Abuse and Alcoholism: Special Emphasis Panel (ZAA1  
CC (02)  
2007 National Institute on Drug Abuse: Training and Career Development  
Subcommittee (NIDA-K)  
2007 National Institutes of Health: Biobehavioral Regulation, Learning and Ethology  
Study Section (BRLE)

2007 National Institute of Mental Health: Special Emphasis Panel (ZMH1 ERB-H-04)  
2006 National Institutes of Health: Special Emphasis Panel (ZRG1 BBBPJ-02)  
2006 National Institute on Drug Abuse: Special Emphasis Panel (ZDA1-MXO-O-20)  
2006 National Institute on Drug Abuse: Training and Career Development  
Subcommittee (NIDA-K)  
2006 National Institutes of Health: Biobehavioral Regulation, Learning and Ethology  
Study Section (BRLE)  
2006 National Institutes of Health: Special Emphasis Panel (ZRG1 BBBPJ-04)  
2005 National Institute on Drug Abuse: Training and Career Development  
Subcommittee (NIDA-K)  
2005 National Institute on Drug Abuse: Special Emphasis Panel (ZDA1-MXs-M07)  
2005 National Institute on Drug Abuse: Special Emphasis Panel (ZDA1-MXs-M08)  
2003 National Institutes of Health: Biobehavioral and Behavioral Processes 1 Study  
Section (BBBP-1)

### Editorial Activities

*Co-Editor:* (2008-2011)

*Behavioural Processes:* Proceedings of the Meeting of the Society for the Quantitative  
Analyses of Behavior (SQAB)

*Member, Board of Editors:*

Journal of the Experimental Analysis of Behavior (2001-2004), (2006-2009)  
*The Behavior Analyst* (2007-2010)

*Ad Hoc Reviewer for:*

Alcoholism: Clinical and Experimental Research  
Behavioural Brain Research  
Behavioural Pharmacology  
Behavioral Processes  
Experimental Analysis of Human Behavior Bulletin  
Experimental and Clinical Psychopharmacology  
International Journal of Comparative Psychology  
Journal of Applied Behavior Analysis  
Journal of the Experimental Analysis of Behavior  
Journal of Experimental Psychology: Animal Behavior Processes  
Journal of Pharmacology and Experimental Therapeutics  
Learning and Behavior  
Life Sciences  
Pharmacology, Biochemistry and Behavior  
Psychopharmacology  
Revista Mexicana de Analisis de la Conducta (*Mexican Journal of Behavior Analysis*)

### Organizational Service

*Program Chair:* Society for Quantitative Analyses of Behavior (2009-2011)

*Board of Trustees:* Cambridge Center for Behavioral Studies

*Chair:* APA Division 25 Basic Research Dissertation Award Committee (2007)

*Reviewer:* APA Division 25 Basic Research Dissertation Award (2005)

### Member

American Psychological Society

Association for Behavior Analysis  
Sigma Xi, The Scientific Research Society  
Society for Quantitative Analyses of Behavior  
International Study Group for the Investigation of Drugs as Reinforcers

<b>RESEARCH</b>
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**GRANTS**

**Current Grants**

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Principal Investigator      *"Behavioral Momentum of Alcohol Self-Administration"*  
(R01AA016786-01)  
National Institute on Alcohol Abuse and Alcoholism  
Proposed Project Dates 04/01/08 – 03/31/13  
Total Costs \$1,104,000

Principal Investigator:      *"Divided Attention and Reinforcement Variables"*  
(R01MH072621-01)  
National Institute of Mental Health  
Project Dates 07/01/05-06/30/09  
Total Costs \$462,000

Principal-Investigator:      *"Discrimination, Reinforcement, and Resistance to Change"*  
(Subcontract of R01MH65949-04, John A. Nevin PI)  
University of New Hampshire/National Institute of Mental Health  
Project Dates 2/15/06 – 2/14/10  
Total Costs \$325,516

Principal Investigator:      *"Developing an Animal Model of Methamphetamine Abuse"*  
Utah State University Community/University Research Initiative  
Project Dates 5/01/07 – 12/31/08  
Total Costs \$24,419

**Completed Grants**

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Principal Investigator:      *"Alcohol Cues: Opioid Antagonism and Behavioral Economics"*  
(R21AA013576-04)  
National Institute on Alcohol Abuse and Alcoholism  
Project Dates 04/01/03 – 03/31/07  
Total Costs \$437,000

Principal Investigator:      *"Behavioral Economics of Conditioned Alcohol Cues"*  
(R03AA12892)  
National Institute on Alcohol Abuse and Alcoholism  
Project Dates 8/15/00 – 8/1/03  
Total Costs \$142,900

Co-Investigator:              *"Discrimination, Reinforcement, and Resistance to Change"*  
(Subcontract of R01MH65949, John A. Nevin PI)  
National Institute of Mental Health / University of New Hampshire

Project Dates 7/01/02 – 2/15/06  
Total Costs at USU \$94,518

Principal Investigator: “*The Persistence of Attending: Role of Reinforcement Context*”  
Utah State University New Faculty Grant  
Project Dates 5/01/04 – 5/01/05  
Total Costs \$11,270

## PUBLICATIONS

### Under Review

Twohig, M. P., & **Shahan, T. A.** What does behavioral research on extinction suggest for exposure therapy for anxiety disorders?

### In Press

Nevin, J. A., Ward, R. D., Jimenez-Gomez, C., Odum, A. L., & **Shahan, T. A.** Differential outcomes enhance accuracy of delayed matching to sample but not resistance to change. *Journal of Experimental Psychology: Animal Behavior Processes*

### Peer-Reviewed Articles in Print

- (36) Nevin, J. A., **Shahan, T. A.**, & Odum, A. L. (2008). Contrast in delayed matching. *Quarterly Journal of Experimental Psychology*, 61, 1400-1409.
- (35) Jimenez-Gomez, C., & **Shahan, T. A.** (2008). Matching law analysis of rats' alcohol self-administration in a free operant choice procedure. *Behavioural Pharmacology*, 19, 353-356.
- (34) **Shahan, T. A.**, & Podlesnik, C. A. (2008). Conditioned reinforcement value and resistance to change. *Journal of the Experimental Analysis of Behavior*, 89, 263-298
- (33) **Shahan, T. A.**, & Podlesnik, C. A. (2008). Quantitative analyses of observing and attending. *Behavioural Processes*, 78, 145-157.
- (32) Podlesnik, C. A., & **Shahan, T. A.** (2008). Response-reinforcer relations and resistance to change. *Behavioural Processes*, 77, 109-125.
- (31) Nevin, J. A., Davison, M., Odum, A. L., & **Shahan, T. A.** (2007). A theory of attending, remembering, and reinforcement in delayed matching to sample. *Journal of the Experimental Analysis of Behavior*, 88, 285-317.
- (30) **Shahan, T. A.**, & Podlesnik, C. A. (2007). Divided attention and the matching law: Sample duration affects sensitivity to reinforcement allocation. *Learning & Behavior*, 35, 141-148.
- (29) Jimenez-Gomez, C., & **Shahan, T. A.** (2007). Resistance to change of alcohol self-administration: Effects of alcohol-delivery rate on disruption by extinction and naltrexone. *Behavioural Pharmacology*, 18, 161-169.
- (28) **Shahan, T. A.**, & Podlesnik, C. A. (2006). Divided attention performance and the matching law. *Learning & Behavior*, 34, 255-261.
- (27) Podlesnik, C. A., Jimenez-Gomez, C., & **Shahan, T. A.** (2006). Resurgence of alcohol seeking produced by discontinuing non-drug reinforcement as an animal model of drug relapse. *Behavioural Pharmacology*, 17, 369-374.
- (26) Podlesnik, C. A., Jimenez-Gomez, C., Ward, R. D., & **Shahan, T. A.** (2006). Resistance to change of responding maintained by un signaled delays to reinforcement: A response-out analysis. *Journal of the Experimental Analysis of Behavior*, 85, 329-347.
- (25) **Shahan, T. A.**, Podlesnik, C. A., Jimenez-Gomez, C. (2006). Matching and conditioned reinforcement rate. *Journal of the Experimental Analysis of Behavior*, 85, 167-180.

- (24) **Shahan, T. A.**, & Jimenez-Gomez, C. (2006). Effects of self-administered alcohol concentration on the frequency and persistence of rats' attending to alcohol cues. *Behavioural Pharmacology*, *17*, 201-211.
- (23) Nevin, J. A. Davison, M. & **Shahan, T. A.** (2005) A theory of attending and reinforcement in conditional discriminations. *Journal of the Experimental Analysis of Behavior*, *84*, 281-303.
- (22) **Shahan, T. A.** & Podlesnik, C. A. (2005). Rate of conditioned reinforcement affects observing rate but not resistance to change. *Journal of the Experimental Analysis of Behavior*, *84*, 1-17.
- (21) Odum, A. L., **Shahan, T. A.**, & Nevin, J. A. (2005). Resistance to change of forgetting functions and response rates. *Journal of the Experimental Analysis of Behavior*, *84*, 65-75.
- (20) **Shahan, T. A.** & Lattal, K. A. (2005). Unsignaled delay of reinforcement, relative time, and resistance to change. *Journal of the Experimental Analysis of Behavior*, *83*, 201- 219.
- (19) Odum, A. L., & **Shahan, T. A.** (2004). D-Amphetamine reinstates behavior previously maintained by food: importance of context. *Behavioural Pharmacology*, *15*, 513-516.
- (18) **Shahan, T. A.**, & Burke, K. (2004). Ethanol-maintained responding of rats is more resistant to change in a context with added non-drug reinforcement. *Behavioural Pharmacology*, *15*, 279-285.
- (17) **Shahan, T. A.**, Magee, A, & Dobberstein, A. (2003) The resistance to change of observing. *Journal of the Experimental Analysis of Behavior*, *80*, 273-293.
- (16) Nevin, J.A., Milo, J., Odum, A.L., & **Shahan, T. A.** (2003). Accuracy of discrimination, rate of responding, and resistance to change. *Journal of the Experimental Analysis of Behavior*, *79*,307-321.
- (15) **Shahan, T. A.** (2003). Stimuli produced by observing responses make rats' ethanol self-administration more resistant to price increases. *Psychopharmacology*, *167*, 180-186.
- (14) **Shahan, T. A.**, & Chase, P.N. (2002). Novelty, stimulus control, and operant variability. *The Behavior Analyst*, *25*,175-190.
- (13) **Shahan, T. A.** (2002). Observing Behavior: Effects of rate and magnitude of primary reinforcement. *Journal of the Experimental Analysis of Behavior*, *78*,161-178.
- (12) **Shahan, T. A.** (2002). The observing-response procedure: A novel method to study drug-associated conditioned reinforcement. *Experimental and Clinical Psychopharmacology*, *10*, 3-9.
- (11) Giordano, L , Bickel, W. K, **Shahan, T. A.** (2001) Behavioral economics of human drug self-administration: Progressive ratio vs. random sequences of response requirements. *Behavioural Pharmacology*, *12*, 343-347.
- (10) **Shahan, T. A.**, Bickel, W. K., Badger, G. J., Giordano, L. A. (2001). Sensitivity of nicotine-containing and de-nicotinized cigarette consumption to alternative non-drug reinforcement: A behavioral economic analysis. *Behavioural Pharmacology*, *12*, 277-284.
- (9) Doughty, A. H., **Shahan, T. A.**, & Lattal, K. A. (2001). Superstitious responding and reinforcement rate under concurrent variable-interval extinction schedules. *Behavioural Processes*, *53*,163-170.
- (8) **Shahan, T. A.**, & Lattal, K. A. (2000) Choice, changing over, and reinforcement delays. *Journal of the Experimental Analysis of Behavior*, *74*, 311-330.
- (7) Schaal, D. W., Odum, A. L. & **Shahan, T. A.** (2000) Pigeons may not remember the stimuli that reinforced their recent behavior. *Journal of the Experimental Analysis of Behavior*, *73*, 125-139.
- (6) **Shahan, T. A.**, Odum, A. L., & Bickel, W.K. (2000) Nicotine gum as a substitute for cigarettes: a behavioral economic analysis. *Behavioural Pharmacology*, *11*, 71-79.

- (5) **Shahan, T. A.**, Bickel, W. K., & Madden, G. J. (1999) Comparing the reinforcing efficacy of nicotine-containing and de-nicotinized cigarettes: A behavioral economic analysis. *Psychopharmacology*, 147, 210-216.
- (4) **Shahan, T. A.**, & Lattal, K. A. (1998). On the functions of the changeover delay. *Journal of the Experimental Analysis of Behavior*, 69, 141-160.
- (3) Schaal, D. W., **Shahan, T. A.**, Kovera, C. A., & Reilly, M. P. (1998). Mechanisms underlying the effects of un signaled, delayed reinforcement on the key pecking of pigeons under variable-interval schedules. *Journal of the Experimental Analysis of Behavior*, 69, 103-122.
- (2) Bickel, W. K., & **Shahan, T. A.** (1998). Ethical and theoretical paradoxes in human behavioral pharmacology research: Comments on Fischman and Johanson. *Behavioural Pharmacology*, 9, 340-345.
- (1) Lattal, K. A., & **Shahan, T. A.** (1997). Differing views of contingencies: How contiguous? *The Behavior Analyst*, 20, 149-154.

### INVITED ADDRESSES

- Shahan, T. A. & Podlesnik, C. A. (2007). Quantitative Analyses of Observing and Attending. Invited address given at the annual meeting of the Society for Quantitative Analyses of Behavior, May 2007, San Diego, CA.
- Shahan, T. A. & Podlesnik, C. A. (2007). Conditioned Reinforcement and Quantitative Models of Behavior Allocation and Persistence. Invited address given in Focus Session at the annual meeting of the Winter Conference on Animal Learning and Behavior, February 2007, Winter Park Colorado.
- Shahan, T. A. (2006). Observing, Attending, and Quantitative Models of Operant Behavior. Invited address given at the annual meeting of the Southeastern Association for Behavior Analysis, October 2006, Greenville, SC.
- Shahan, T. A. (2006). Quantitative Analyses of Attending. Invited address given at the annual meeting of the Mid-American Association for Behavior Analysis, October 2006, Carbondale, IL.
- Shahan, T. A. (2006). Reinforcement and Attending. Invited address given at acceptance of B.F. Skinner Young Researcher Award presented at the annual meeting of the American Psychological Association, August, New Orleans, LA.
- Shahan, T. A. & Podlesnik, C. A. (2006). Divided Attention and the Matching Law. Invited address given at the annual meeting of the Winter Conference on Animal Learning and Behavior, February, 2006, Winter Park, CO.
- Shahan, T. A. (2005). Discussant for symposium entitled: Recent Developments in Conditioned Reinforcement and Drugs. B. Raiff (Chair). Symposium conducted at the 31st annual meeting of the Association for Behavior Analysis, May 2005, Chicago, IL.
- Shahan, T. A. (2004). Observing, Attending, and Reinforcement Variables. Invited address given at the annual meeting of the Mid-American Association for Behavior Analysis, October 2004, Indianapolis, IN.
- Nevin, J. A., Shahan, T. A., & Davison, M. (2004). A momentum-based model of attending and remembering. Invited address given at the annual meeting of the Society for the Quantitative Analyses of Behavior, May 2004, Boston, MA.
- Shahan, T. A., & Podlesnik, C. A. (2004). Observing, rate of conditioned reinforcement, and resistance to change. Invited address given at a Festschrift for John A. Nevin conducted at the University of New Hampshire. May 26, 2004.

- Shahan, T. A. (2004). The Persistence and Allocation of Attending. Invited Address given at the 22nd Annual Western Regional Conference on Behavior Analysis; California Association for Behavior Analysis. February 20, 2004, San Francisco, CA.
- Shahan, T.A. (2003). Discussant for symposium entitled: Analyses of Eye Movements, Observing Behavior and Stimulus Control. W. Dube (Chair). Symposium conducted at the 29th annual meeting of the Association for Behavior Analysis, San Francisco, CA.
- Chase, P.N., & Shahan, T.A. (2002). Novel Behavior and Operant Variability. In G. Hall (Chair), Abstract or Emergent Verbal Relations: Promoting Conceptual Integration. International Invited Event conducted at the 28th annual meeting of the Association for Behavior Analysis, Toronto, Canada.
- Shahan, T.A. (1998, December). Behavioral economics of cigarette smoking: Conditioned reinforcement effects? Department of Psychology, Keio University, Tokyo, Japan.

#### **OTHER PRESENTATIONS AT PROFESSIONAL MEETINGS (excludes posters)**

- Odum, A.L., Ward, R.D., Jimenez-Gomez, C., Shahan, T.A., & Nevin, J.A. (2007). Persistence of Accuracy and Response Rate in Delayed Matching-to-Sample with Differential Outcomes. In J. Nevin (Chair), Conditional Discriminations: Conceptual Issues and New Findings. Symposium conducted at the 33rd annual meeting of the Association for Behavior Analysis, San Diego, CA.
- Quick, S., Jimenez-Gomez, C., & Shahan, T.A. (2007). Behavioral momentum of cocaine self-administration. In Tammy Wade-Galuska (Chair), Quantitative Analyses in Behavioral Pharmacology: Studies of Choice, Behavioral Momentum, and Self-Control, Symposium conducted at the 33rd annual meeting of the Association for Behavior Analysis, San Diego, CA.
- Shahan, T.A., & Podlesnik, C.A. (2006). Effects of Added Free-Food Presentations Uncorrelated with S+ on Observing Rates and Resistance to Change. In A. Odum (Chair), Discriminating and Attending, Symposium conducted at the 32nd annual meeting of the Association for Behavior Analysis, Atlanta, GA.
- Jimenez-Gomez, C. & Shahan, T.A. (2005). Resistance to Change of Ethanol Self-Administration: Effects of Behavioral and Pharmacological Disruptors. In A. Odum (Chair), Ethanol Self-Administration, Symposium conducted at the 31st annual meeting of the Association for Behavior Analysis, Chicago, IL.
- Podlesnik, C.A., & Shahan, T.A. (2005). An Investigation of the Response-Reinforcer Relation in Resistance to Change of Operant Behavior. In, T. Shahan (Chair), Behavioral Momentum: Basic Issues. Symposium conducted at the 31st annual meeting of the Association for Behavior Analysis, Chicago, IL.
- Shahan, T. A., Podlesnik, C. A., & Jimenez-Gomez, C. (2004). Observing, attending, behavioral momentum, and the matching law. In, R. Pitts (Chair), Celebrating B.F. Skinner's 100th Birthday: Conditioned Reinforcement. Symposium conducted at the 112th annual meeting of the American Psychological Association, Honolulu, Hawaii.
- Shahan, T. A. (2003). The resistance to change of observing behavior. In J. Nevin (Chair), Stimulus Control: Observing, Attending and Resistance to Change. Symposium conducted at the 29th annual meeting of the Association for Behavior Analysis, San Francisco, CA.
- Odum, A.L., Milo, J.S., Shahan, T.A., & Nevin, J.A. (2002). Resistance to change of response rates and remembering: Disruption by extinction and retention interval. In M. Perone (Chair), Resistance to Change. Symposium conducted at the 28th annual meeting of the Association for Behavior Analysis, Toronto, Canada.

- Shahan, T.A. (2002). Drug-associated conditioned reinforcement: Observing responses and behavioral economics. In D. Schaal (Chair), Stimulus Value and Behavioral Effects of Drugs. Symposium conducted at the 28th annual meeting of the Association for Behavior Analysis, Toronto, Canada.
- Shahan, T.A., (2001). Using the observing-response procedure to study drug-associated conditioned reinforcement. In T. Byrne (Chair), Recent Research in Behavioral Pharmacology, Symposium conducted at the 22nd annual meeting of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.
- Shahan, T.A., (2001). Observing and unit price of the primary reinforcer. In T. Shahan (Chair), Experimental Analyses of Conditioned Reinforcement: Tokens and Observing. Symposium conducted at the 27th annual meeting of the Association for Behavior Analysis, New Orleans, LA.
- Shahan, T.A., Madden, G.J., & Bickel, W.K. (1999, August). Cigarette smoking and conditioned reinforcement: A behavioral economic analysis. In A. Liguori (Chair), Human Behavioral Pharmacology: Laboratory and Clinical studies. Symposium conducted at the 107th annual meeting of the American Psychological Association, Boston, MA.
- Shahan, T. A., & Lattal, K.A. (1999, May) Choice, changing over, and reinforcement delays. In T. Shahan (Chair), Choice, Changing over, and Local Versus Molar Control. Symposium conducted at the 25th annual meeting of the Association for Behavior Analysis, Chicago, IL.
- Shahan, T. A., & Lattal, K.A. (1998, May). Positive reinforcement as food-frequency increase? In M. Perone (Chair), Multiple scales of analysis: Experimental studies of sensitivity to short-term and long-term environment-behavior relations. Symposium conducted at the 24th annual meeting of the Association for Behavior Analysis, Orlando, FL.
- Shahan, T. A., & Lattal, K. A. (1997, May). Response persistence and delayed reinforcement: Reinforcement rate effects. In T. A. Shahan (Chair), Factors in response persistence with delayed reinforcement.. Symposium conducted at the 23rd annual meeting of the Association for Behavior Analysis, Chicago, IL.
- Reilly, M. P., Madden, G. J., Shahan, T. A., & Perone, M. (1997, May). Response topography of pigeons influences preference in a self-control task. In T. Hackenberg (Chair), Self-control in pigeons and people: Species difference or procedural artifact? Symposium conducted at the 23rd meeting of the Association for Behavior Analysis, Chicago, IL.
- Shahan, T. A., Lattal, K. A., & Haworth, S.C. (1996, June). Reinforcement rate and unsignaled, delayed reinforcement. In R. Avila S. & C. A. Bruner Inurbide (Chairs), Estudios parametricos sobre adquisicion y mantenimiento bajo demora de reforzamiento. Symposium conducted at the 13th annual Mexican Congress of Behavior Analysis and 1st annual Interamerican and Iberoamerican Congress of Behavior Analysis, Boca del Rio and Vera Cruz, Mexico.
- Shahan, T. A., & Lattal, K. A. (1996, May). What is important about the changeover delay? In K. A. Lattal (Chair), Changing over in concurrent Schedules. Symposium conducted at the 22nd annual meeting of the Association for Behavior Analysis, San Francisco, CA.
- Schaal, D. W., & Shahan, T. A. (1996, May). Contingency and contiguity with immediate and delayed reinforcement. In D. W. Schaal (Chair), Acquisition and maintenance of operant behavior with delayed reinforcement. Symposium conducted at the 22nd annual meeting of the Association for Behavior Analysis, San Francisco, CA.
- Madden, G. J., Reilly, M. P., Shahan, T. A., & Perone, M. (1996, May). Self-control and impulsivity in pigeons as a function of response topography: Pecking vs. treading. In D. Zabaldo (Chair), Experimental Analyses of the Behavior of Nonhumans. Symposium conducted at the 22nd annual meeting of the Association for Behavior Analysis, San Francisco, CA.

Schaal, D. W., Kovera, C., Shahan, T. A., & Miller, M. (1993, May). Why do rates of key pecking of pigeons decrease under conditions with unsignaled, delayed reinforcement? In J. D. Dougan (Chair), Basic issues in the experimental analysis of reinforcement. Symposium conducted at the 19th annual meeting of the Association for Behavior Analysis, Chicago, IL.

## SERVICE

### Departmental Service

Chair of Search Committee for Assistant Professor of Cognitive Psychology (2006-2007)  
Chair of Graduate Emphasis in Behavior Analysis, Department of Psychology, Utah State University (2003 – present)  
Department of Psychology Scheduling Committee (2005- 2007)  
Member of Experimental and Applied Psychological Sciences Program Committee (2006 – present)

## Mentorship

### Doctoral Committees Chaired

Christopher Podlesnik, Ph.D. (2008)  
Current position: Postdoctoral Fellow, University of Michigan  
Corina Jimenez-Gomez, Ph.D. (2008)  
Current position: Postdoctoral Fellow, University of Michigan  
Stacey McFeron, (in progress)

### M.S. Thesis Committees Chaired

Christopher Podlesnik (2005)  
Corina Jimenez-Gomez (2005)  
Adam Pyszczynski (in progress)  
Eric Thrailkill (in progress)

### M.S. Thesis Committee Member

Ryan Ward, Psychology  
Ericka Bailey, Psychology  
Rachael Waller, Special Education

### Doctoral Committee Member

Katie Endicott, Special Education  
Jennifer Fallon, Psychology  
Lynne Gilbert-Norton, Forest, Range, & Wildlife Sciences  
Kara Reagon, Special Education  
Sarah Dawson, Forest, Range, & Wildlife Sciences  
Ryan Ward, Psychology

### Undergraduate Research Supervision

More than 10 paid undergraduate research assistants  
More than 18 undergraduates earning credits in an independent topics research course.  
Supervised 1 undergraduate Honor's thesis  
Supervised 1 summer undergraduate research fellowship

## REFERENCES

- 1) Kennon A. Lattal, Centennial Professor, Department of Psychology, West Virginia University Morgantown, WV 26506-6040. Phone (304) 291-2001 ext. 608
- 2) John A. Nevin, Professor Emeritus, Department of Psychology, University of New Hampshire, Durham NH, 03824. Phone (603) 862-2360; jnevin@cisunix.unh.edu
- 3) Warren, K. Bickel, Wilbur D. Mills Chair of Alcoholism and Drug Abuse Prevention; Professor of Psychiatry and Director UAMS Center for Addiction Research, College of Medicine in alliance with the College of Public Health; Director Interdisciplinary Tobacco Program, College of Public Health, University of Arkansas for Medical Sciences. Phone (501) 526-7810