

**Curriculum Vitae**  
**Shana Layne Bowling Pack**

**Higher Education**

- B.A., 1987, Transylvania University (*Cum Laude*)  
Majors: English (with honors) and Psychology
- M.S., 1989, University of Kentucky, Psychology  
Thesis: *The effects of D-1 and D-2 dopamine receptor agonists on conditioned place preference*
- Ph.D., 1992, University of Kentucky, Psychology  
Dissertation: *The effects of environmental enrichment on responsiveness to amphetamine in rats: Neurochemistry and behavior*

**Professional Positions**

University and College Instructor and Professor

Western Kentucky University, Department of Psychology

Instructor; 2001-present

Classes taught: *Introduction to Psychology* (PSY 100)

*Introduction to Human Development* (PSY 199)

*Statistics in Psychology* (PSY 201)

*Experimental Psychology* (PSY 210)

*Social Psychology* (PSY 350)

*Adolescent Psychology* (PSY 422)

*Introduction to Personality Theories* (PSY 450)

*Physiological Psychology* (PSY 480, 480G)

*History & Systems of Psychology* (PSY 495)

Kentucky Wesleyan College, Department of Behavioral Science

Associate Professor; 1996 - 2001

Classes taught: *Introduction to Psychology* (PSY 1301)

*Research Methods* (PSY 2303)

*Personality Theories* (PSY 3301)

*Social Psychology* (PSY/SOC 3303)

*Learning and Cognition* (PSY 3307)

*Physiological Psychology* (PSY 3305)

*History and Systems in Psychology* (PSY 3317)

*Influence and Persuasion* (PSY 3350)

*Practicum* (PSY 3330)

*Senior Research Project* (PSY 4130)

*Independent Study* (PSY 4330)

*Advanced Research in Psychology* (PSY 4450)

Western Kentucky University, Department of Psychology

Instructor; Summer and Fall 1995

Classes taught: *Introduction to Psychology* (PSY 100)

*Child Psychology* (PSY 321)

*Adolescent Psychology* (PSY 422)

Centre College, Departments of Psychology and Psychobiology

Visiting Assistant Professor of Psychology; 1993-1995

Classes taught: *Introduction to Psychology* (PSY 11)

*Influence and Persuasion* (STP 15; STP is Science, Technology and Public Policy)

*Educational Psychology* (EDU 28)

*Physiological Psychology* (PYB 32)

University of Kentucky, Department of Psychology

Instructor; 1991-1993

Classes taught: *Introduction to Psychology* (PSY 100)

*Experimental Psychology* (PSY 215)

*Social Psychology* (PSY 4445G)

*Physiological Psychology* (PSY 556)

*Physiological Psychology Lab* (PSY 557)

Eastern Kentucky University, College of Social and Behavioral Sciences

Instructor; 1992-1993

Classes taught: *Psychology as a Social Science* (PSY 202)

*Learning, Memory and Cognition* (PSY 840)

Lexington Community College, Department of Social Sciences and Business

Instructor; 1992

Class taught: *Developmental Psychology* (PSY 223)

Graduate Teaching Assistant

University of Kentucky, Psychology, 1987-1991

Laboratories taught: *Introduction to Psychology* (PSY 100)

*Experimental Psychology* (PSY 216)

*Animal Learning* (PSY 551)

*Animal Behavior* (PSY 553)

*Physiological Psychology* (PSY 557)

Other Teaching Experience

Instructor, University of Kentucky Gifted Student Program

1988-1992

Classes taught: *Animal Psychology* (grades 7 & 8)

*Animal Learning and Behavior* (grades 7-9)

*The Brain: A User's Course* (grades 5 & 6)

*Wild Things!* (Grades 5 & 6)

*Do You Mind? An Introduction to the Science of Psychology*

(Grades 5 & 6)

Instructor, University of Kentucky Children's Summer Program, 1993  
Classes taught: *Animal Psychology* (grades 4-7)  
*Human Psychology* (grades 4 & 5)

#### **Other Professional Positions**

1988-1991- Graduate Research Assistant; Funded by NIDA research grant awarded to Dr.  
Michael T. Bardo  
1998-1999 - Test item writer and reviewer for CTB/McGraw Hill

#### **Book Reviews**

1996—Child Development text for Allyn & Bacon Publishers (blind review)  
1998 – *Study Guide to Accompany Nairne's The Adaptive Mind*  
for Brooks Cole/ITP  
1999—Research and Statistics text by David Pittinger for McGraw Hill  
2002--Social Psychology text for Prentice Hall (blind review)

#### **Grants and Awards**

1992—Sigma Xi Scientific Research Society Grants-In-Aid of Research Recipient  
1994—Hughs Foundation Grant for summer faculty research (awarded through Centre  
College)

#### **Professional and Honorary Societies**

Psi Chi (national psychology honor society; inducted 1986)  
Sigma Xi (national science honor society; inducted 1991)  
Omicron Delta Kappa (national leadership honor society; inducted 1986)  
Kentucky Psychological Association  
Teaching Division of the American Psychological Association

#### **Departmental Positions**

*ProTem* Chair of Behavioral Sciences Department, Fall 1998

#### **College Committees**

Kentucky Wesleyan College  
SACS Physical Resources Committee (Secretary) 1996-1997  
Teacher Education Committee 1996-1997  
Faculty Search Committee 1997, (Physical Education), 1998-1999 (Chair,  
Psychology), 1999 (Biology)  
Library Use Committee (Vice-President) 1997-1998  
Leadership Day Committee (1998-2001)  
Faculty Handbook Committee (1998 – 2001)  
Martin Luther King, Jr. Day Committee (1999- 2001)  
Centre College  
Animal Use and Care Committee, 1993-1995  
Convocation Committee 1994-1995

## Student Advising and Organizations

Kentucky Wesleyan College

Academic advisor 1996-2001

Psi Chi/Psychology Club Advisor 1996-2001

Psych Bowl coach (state academic competition for students) 1996-1997, 1999

Chartered KWC Psi Chi Chapter 1997

Foundations Leader (new student orientation) 1997-1999

Centre College

Psi Chi/Psychology Society Advisor, 1993-1995

Chartered Centre College Psi Chi Chapter, 1994

Psychology/Psychobiology Major Advisor, 1994-1995

Freshman Advisor, 1994-1995

Student research sponsor for individual study (PSY35), 1994-1995

## Invited Address

*Four Seasons of Change*, (1997) Last Lecture Series, KWC

## Professional Presentations

Bowling, S. L., Neisewander, J. L., McDougall, S. A., & Bardo, M. T. (1998).

*Effects of antianxiety drugs on food intake in rats*. Kentucky Academy of Sciences, Richmond, KY.

Bowling, S. L. & Bardo, M. T. (1989). *The assessment of dopamine receptor*

*subtypes in reinforcement using conditioned place preference*. Midwestern Psychological Association, Chicago, IL.

Bowling, S. L., Neisewander, J. L., McDougall, S. A., & Bardo, M. T. (1989).

*Aversive and rewarding properties of the nonbenzodiazepine anxiolytics buspirone and gepirone*. American Psychological Society, Alexandria, VA.

Bardo, M. T., Bowling, S. L., Pierce, R. C., & Ennis, R. B. (1989). *Assessment of amphetamine- and haloperidol- induced changes in dopamine transmission in the presence of novel and familiar stimulus environments*. Society for Neuroscience, Phoenix, AZ.

Bowling, S. L. & Bardo, M. T. (1990). *The assessment of habituation and novelty-seeking in rats raised in differential environments*. Midwestern Psychological Association, Chicago, IL.

Bardo, M. T., Bowling, S. L., & Mattingly, B. A. (1990). *Role of D1 and D2 subtypes of dopamine receptors in novelty-induced place preference*. Society for Neuroscience, St. Louis, MO.

Bowling, S. L., Bardo, M.T., & Castle, M. C. (1991). *Locomotion and*

- conditioned place preference with amphetamine in rats reared in differential environments.* Midwestern Psychological Association, Chicago, IL.
- Bowling, S. L., Rowlett, J. K., & Bardo, M. T. (1991). *Environmental enrichment alters amphetamine-stimulated dopamine release and synthesis in the nucleus accumbens.* Society for Neuroscience, New Orleans, LA.
- Bowling, S. L., Rowlett, J. K., Bradley, M., Dwoskin, L. P., & Bardo, M. T. (1992). *Environment enrichment alters the behavioral response to amphetamine but not to electrically evoked dopamine release.* Society for Neuroscience, Anaheim, CA.
- Pack, S. L. (1998). *The lesson's in the bag: Using juggling to teach social inhibition.* National Institute for the Teaching of Psychology, St. Petersburg, FL.
- Pack, S.L. (2000). *Games students play: Using games to teach psychological concepts.* National Institute for the Teaching of Psychology, St. Petersburg, FL.

#### **Professional Publications**

- Neisewander, J.L., McDougall, S.A., Bowling, S.L., & Bardo, M.T. (1990). Conditioned taste aversion and place preference with buspirone and gepirone. *Psychopharmacology, 100*, 485-490.
- Bardo, M.T., Bowling, S.L., & Pierce, R. C. (1990). Changes in locomotion and dopamine neurotransmission following amphetamine, haloperidol, and exposure to novel environment stimuli. *Psychopharmacology, 101*, 338-343.
- Bowling, S.L., Rowlett, J.K., & Bardo, M.T. (1993). The effect of environmental enrichment on amphetamine-stimulated locomotor activity, dopamine synthesis and release. *Neuropharmacology, 32* (9), 885-893.
- Bardo, M.T., Bowling, S.L., Robinet, J.K., Rowlett, J.K., Lacy, M., & Mattingly, B.A. (1993). Role of dopamine D1 and D2 receptors in novelty-maintained place preference. *Experimental and Clinical Psychopharmacology, 1*, 101-109.
- Bowling, S.L. & Bardo, M.T. (1994). Locomotor and rewarding effects of amphetamine in enriched, social, and isolate reared rats. *Pharmacology, Biochemistry & Behavior, 48*, 459-464.
- Bardo, M.T., Bowling, S.L., Rowlett, J.K., Manderscheid, P., Buxton, S.T., & Dwoskin, L.P. (1995). Environmental enrichment attenuates locomotor sensitization, but not *in vitro* dopamine release. *Pharmacology, Biochemistry & Behavior, 51*, 397-405.
- Pack, S. & Kaplan, P.S. (1997). *Test Bank for Paul Kaplan's, The Human*

*Odyssey, 3<sup>rd</sup> edition.* Brooks/Cole ITP: Pacific Grove, CA.