

**PERSONAL INFORMATION**

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**CURRENT EMPLOYMENT**

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Millersville University      **Assistant Professor**, Psychology Department, August 2013 – Present  
Department Chair: Frederick Foster-Clark, PhD

**EDUCATION**

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Medical University of South Carolina      **Postdoctoral Scholar**, June 2007 – December 2008  
Supervisor: Ronald See, PhD, Professor

Auburn University      **PhD** 2007      Program: Experimental Psychology  
Graduate Minor: Statistics (granted by Department of Mathematics and Statistics)  
Dissertation: Drug effects on behavior in transition: Does context matter?  
Faculty Advisor: M. Christopher Newland, PhD, Alumni Professor

**MS** 2005      Program: Experimental Psychology  
Thesis: Concurrent schedule behavior in the bluegill sunfish: An evaluation of choice and learning in a variable environment  
Faculty Advisor: M. Christopher Newland, PhD, Alumni Professor

James Madison University      **BS** 1999, *Magna cum Laude*, with Distinction  
Major: Psychology      Minor: Statistics  
Honors Thesis: An evaluation of the discriminative stimulus properties of gamma-hydroxybutyric acid in rats  
Faculty Advisor: Sherry Serdikoff, PhD, Professor

**PAST EMPLOYMENT**

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Wichita State University      Visiting Assistant Professor, August 2011 – May 2013  
Lecturer, March 2012 – June 2011  
Department Chair: Alex Chaparro, PhD

Skaer Veterinary Clinic      Veterinary Assistant, September 2009 – September 2011  
Employer: Christen Skaer, DVM  
Direct Supervisor: Heather Phinney

College of Charleston      Adjunct Faculty, Spring 2008  
Department Chair (former): Charles Kaiser, PhD, Professor

## **MEMBERSHIPS & AFFILIATIONS**

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Association for Behavior Analysis International – Full Member

Society for the Quantitative Analysis of Behavior – Member

Southeastern Association for Behavior Analysis – Full Member

\*Board of Directors (October 2012 – October 2015)

\*Program Chair (October 2015 – October 2016)

Kansas State Animal Response Team

Secretary (January 2010 – March 2013)

Sedgwick County Animal Response Team (February 2009 – June 2013)

Phi Sigma Pi, National Honor Fraternity (Offices held: President, Rush Chair)

Golden Key National Honor Society

## **AWARDS & HONORS**

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Journal of Applied Behavior Analysis 2014 Paper of the Year (for Washington, W. D., **Banna, K. M.**, & Gibson, A. L. (2014). Increasing activity levels in healthy adults: The effectiveness of intermittent prize reinforcement. *Journal of Applied Behavior Analysis*, 47(2), 231-245.)

Department of Psychology Teaching Fellow (Auburn University)

Society for the Advancement of Behavior Analysis Student Presenter Grant (2004)

Auburn University Presidential Graduate Fellowship

Outstanding Achievement by a Psychology Senior Award (James Madison University)

American Society for Quality Control Award (granted by the Mathematics and Statistics Department, James Madison University)

St. Maron's Parish Education Fund Scholarship (1995-1999)

President's List (James Madison University) – two semesters

Dean's List (James Madison University) – four semesters

Phi Sigma Pi Chapter Service Key Award

## **AD HOC REVIEWER**

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Guest reviewer for *The Psychological Record*

Guest reviewer for the *Journal of Applied Behavior Analysis*

Guest reviewer for *Translational Behavioral Medicine: Practice, Policy, & Research*

**Current Teaching Interests:** Statistics, research methods, learning, behavioral neuroscience, behavioral pharmacology, behavioral economics, sensation and perception

## **TEACHING EXPERIENCE**

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### **Undergraduate**

- Sp2014                    **PSYC 100: General Psychology**  
Teacher of Record, Millersville University
- Fa2013                    **PSYC 211: Statistics & Experimental Design I**  
Teacher of Record, Millersville University
- Sp2014, Fa2014  
Sp2015, Sp2016        **PSYC 212: Statistics & Experimental Design II**  
Teacher of Record, Millersville University
- Fa2015                    **PSYC 279: Introduction to Psychology of Learning**  
Teacher of Record, Millersville University
- Fa2013, Fa2014,  
Sp/Fa2015, Sp2016    **PSYC 316: Learning & Motivation**  
Teacher of Record, Millersville University
- Fa2013, Fa2014  
Fa2015                    **PSYC 415: Physiological Psychology**  
Teacher of Record, Millersville University
- Sp2013                    **PSY 321: Psychology of Learning**  
Teacher of Record, Wichita State University
- Sp2012                    **PSY 516: Drugs & Human Behavior**  
Teacher of Record, Wichita State University
- Fa2011 – Sp2012        **PSY 301: Statistics for Psychology**  
Teacher of Record, Wichita State University
- Mar – May 2011        **PSY 301: Statistics for Psychology**  
Replacement Faculty (for faculty member who took leave for surgery)  
Wichita State University
- Sp2008                    **PSYC 103: Introduction to Psychological Science**  
Teacher of Record, College of Charleston
- Fa2006-Sp2007        **PSYC 2530: Drugs and Behavior**  
Teacher of Record, Auburn University  
Supervisors: M. C. Newland, PhD, Alumni Professor; Christopher Correia,  
PhD, Assistant Professor; William Buskist, PhD, Alumni and Distinguished  
Professor of Teaching

Sp2000 – Fa2001  
Su2003, Sp2007      **STAT 2010: Statistics for Social and Behavioral Sciences**  
Graduate Teaching Assistant, Auburn University

Fa2003-Sp2004      **PSYC 3520: Psychology of Learning**  
Graduate Teaching Assistant, Auburn University

Sp2002      **PSYC 3510: Behavioral Neuroscience**  
Graduate Teaching Assistant, Auburn University

Fa1999-Sp2000      **U103: The Individual and Society**  
Graduate Teaching Assistant, Auburn University

### **Graduate**

Fa2014      **PSYC 515: Physiological Psychology**  
Teacher of Record, Millersville University

Fa2011, Fa2012      **PSY 904: Biological and Philosophical Foundations of Psychology**  
Teacher of Record, Wichita State University

Fa2012-Sp2013      **PSY 911: Teaching of Psychology: Principles, Practices, & Ethics**  
Teacher of Record, Wichita State University

Fa2006      **STAT 7000: Experimental Statistics I**  
Graduate Teaching Assistant, Auburn University

Sp2003      **PSYC 7150: Biological Bases of Behavior**  
Graduate Teaching Assistant, Auburn University

Fa2002      **PSYC 8540/4960: Behavioral Pharmacology**  
Graduate Teaching Assistant, Auburn University

Fa2001      **PG 6610: Behavioral Effects of Environmental Contaminants**  
Graduate Teaching Assistant, Auburn University (note: I was a student in this course during the time, so my only responsibility was organizing course materials).

### **Online Teaching Experience**

#### **University of Phoenix – Online**

May – Oct 2009      **PSYC 340: Biological Foundations in Psychology**  
Teacher of Record, University of Phoenix – Online

## **Honors Students – Millersville University**

**Emily Melhorn**      \*Research Topic: The role of environmental reliability on delay of gratification in middle school-aged children  
Fa2014 – Fa2015      **Successfully Defended December 2015**

**Rebecca Lurie**      Research Topic: The use of escalating rewards in a contingency management program for increasing physical activity  
Fa2015 – Present

## **Mentoring Experience – Undergraduate Research Assistants**

Rebecca Kase	Millersville University
Erin Logue	Millersville University
Rebecca Lurie	Millersville University
Kara Long	Wichita State University
Serini Bettancourt	Wichita State University
Callen Hazelbaker	Medical University of South Carolina
Kelly M. Wright	Auburn University
Lauren Squires Duffy	Auburn University
Joshlyn Bush	Auburn University
Allison French	Auburn University
Audrey Massilla	Auburn University
Charles Smith	Auburn University
Ashley Sowell	Auburn University
Chauncey Holder	Auburn University

## **Mentoring Experience – Graduate Assistants**

Kelly Mason                      Millersville University

**Current Research Interests:** Behavioral economics and contingency management of health (diet/exercise) and addictive (substance abuse) behavior in human/nonhuman species, mathematical modeling of choice in human/nonhuman species, behavioral pharmacology, neurological bases of health behaviors, technological aids for monitoring fitness/health behavior

## **RESEARCH EXPERIENCE**

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### **Millersville University**

**(Fall 2014 – Present)**

**\*The Role of Environmental Reliability on Delay of Gratification in Middle School-Aged Children (August 2014 – Present)**

The purpose of this study was to replicate and extend findings from Kidd et al. (2012) to a middle school-aged population. Kidd et al. (2012) demonstrated that preschool children would wait significantly longer for a larger, later reward when provided with evidence that the experimenter was reliable than when provided with evidence that the experimenter was

unreliable (i.e., performance on the “marshmallow task” varied as a function of demonstrated environmental reliability). Our goal was to determine whether similar results would be found with older (9 – 14 years of age) children. This project was conducted as part of Emily Melhorn’s Senior Honors Thesis.

**Wichita State University**

**(Spring 2012 – May 2013)**

Choice, Calorie Estimation, and Health Behaviors (September 2012 – May 2013)

This study seeks to evaluate the role of diet, exercise, and weight-related variables on (a) combined probability and delay discounting of various types of rewards (e.g., monetary, food), (b) the ability to estimate the caloric content of various types and quantities of foods, and (c) to determine whether performance on discounting tasks is related to an individual’s ability to estimate caloric content and energy expenditure. The goal of this research is to provide information that will contribute to the design of programs to treat obesity, and possibly those intended to treat body image related disorders.

PI: Kelly M. Banna, PhD, Visiting Assistant Professor

Software Usability Research Laboratory (SURL) (Spring 2012)

Aided in experimental design of and data analysis for a study assessing the design and comfort of several exercise bands. The study was part of a contract between SURL and an exercise band manufacturer, and was intended to inform development of the next version of the product.

Director: Barbara Chaparro, PhD, Associate Professor

Increasing activity levels in healthy adults: The effectiveness of intermittent prize reinforcement (Fall 2011 – Summer 2012)

Collaborated with a colleague at the University of North Carolina – Wilmington on a project that applied principles of contingency management to increasing activity in adults. Specifically, prize draws were made contingent on increasing activity as monitored by an accelerometer.

PI: Wendy Donlin Washington, PhD, Associate Professor (UNCW)

**Medical University of South Carolina**

**(June 2007 – December 2008)**

Postdoctoral Fellow – Neurobiology of Addiction Research Center (NARC) and Translation Research in Addiction Center (TRAC)

Research involved the study of cue- and drug-induced relapse to drug self-administration in an animal model of addiction.

Responsible for designing research projects, supervising laboratory technicians and undergraduate research assistants, performing rodent surgeries (jugular catheter and intracranial cannulae placements), intracranial infusions, perfusions and tissue collection, brain slicing for

histological assessment, preparation of Schedule I and II drugs, and writing computer programs for data collection.

NARC (NIDA P50 Center Grant): Conducted a study investigating the role of  $\mu$ -opiate receptors in the substantia nigra in cue- and drug- induced reinstatement of heroin seeking.

TRAC (NIDA P20 Center Grant): Conducted two projects. The purpose of the first was to examine the relation between delay discounting of food reinforcers (as a measure of impulsivity) and the acquisition and extinction of methamphetamine self-administration, along with its relation to cue-induced reinstatement of methamphetamine seeking. The goal of the second project was to assess demand for food and methamphetamine reinforcers before and following drug or food self-administration, and to relate these measures with drug consumption, extinction, and cue-induced reinstatement.

Principle Investigator: Ronald See, PhD, Professor

**Auburn University**

**(Fall 2001 – Spring 2007)**

Behavioral Toxicology Laboratory – Rodent

Graduate Research Assistantship (May 2004 – August 2006)

Responsible for supervising a project on the effects of dietary methylmercury and selenium on concurrent schedule performance and analyzing data for matching functions and transitions. Aided in developmental testing to assess the effects of methylmercury exposure and diet on behavior in neonatal Long-Evans rats. This project was funded by a grant from the National Institute of Environmental Health Sciences.

Dissertation research: Use of single-session transitions between concurrent schedules of reinforcement to examine the effects of, and possible interaction between, external stimuli and drugs on the rate and magnitude of learning in a variable environment.

Additional duties: Drug preparation and administration; writing computer programs for data collection (using Med PC); blood collection and brain/organ harvesting; supervision of undergraduate research assistants.

Principle Investigator: M. Christopher Newland, PhD

Behavioral Toxicology Laboratory – Aquatic

Graduate Research Assistantship (Fall 2001 – Spring 2004)

Developed an apparatus to examine the establishment and maintenance of operant behavior in bluegill sunfish. This project aimed to establishing behavior under concurrent schedules of reinforcement with the goal of applying the matching relation and logistic regression to describe behavior in steady state and during transition, respectively. This project was supported by a grant from the U.S. Environmental Protection Agency.

Additional Duties: Lab manager; responsible for supervising an undergraduate research fellow and several undergraduate research assistants; choosing readings for and leading weekly lab meetings; creating and maintaining a fish laboratory handbook; responsible for computer programming and data collection/management/ analysis; writing grant progress reports.

Principle Investigator: M. Christopher Newland, PhD

**James Madison University**

**(Spring 1998 – May 1999)**

Laboratory for the Analysis of Behavior

Completed a senior honors thesis on the discriminative stimulus properties of gamma hydroxybutyrate (GHB) in rats.

Duties: General care of animals; conducting experimental sessions; drug preparation and administration; computer programming.

Faculty Supervisor: Sherry Serdikoff, PhD Assistant Professor

Virtual Laboratory in Classical Conditioning

Duties: Conditioned rats in various classical conditioning procedures that were videotaped and used as an integral component of an educational computer simulation for teaching the principles of classical conditioning.

Faculty Supervisor: James Benedict, PhD, Professor

**Publications**

**Peer-Reviewed Journal Articles**

Washington, W. D., **Banna, K. M.**, & Gibson, A. L. (2014). Increasing activity levels in healthy adults: The effectiveness of intermittent prize reinforcement. *Journal of Applied Behavior Analysis, 47*(2), 231-245.

**Banna, K. M.**, DeVries, D., & Newland, M. C. (2011). Choice in the bluegill (*Lepomis macrochirus*). *Behavioural Processes, 88*(1), 33-43.

Galuska, C. M., **Banna, K. M.**, Willse, L. V., Yahyavi-Firouz-Abadi, N., & See, R. E. (2011). A comparison of economic demand and conditioned-cued reinstatement of methamphetamine-seeking or food-seeking in rats. *Behavioural Pharmacology, 22*(4), 312-323.

Taylor, T. G., Galuska, C. M., **Banna, K. M.**, & See, R. E. (2010). Response acquisition and fixed-ratio escalation based on interresponse times in rats. *Journal of the Experimental Analysis of Behavior, 93*(2), 261-267.



**Banna, K. M.**, Back, S. E., Do, P. & See, R. E. (2010). Yohimbine stress potentiates conditioned cue-induced reinstatement of heroin-seeking in rats. *Behavioral Brain Research*, 208(1), 144-148.

Heath, J. C., **Banna, K. M.**, Reed, M. N., Pesek, E. F., Cole, N., Li, J., & Newland, M. C. (2010). Dietary selenium protects against selected signs of methylmercury exposure and aging. *Neurotoxicology*, 31(2), 169-179.

**Banna, K. M.** & Newland, M. C. (2009). Within-session transitions in choice: A structural and quantitative analysis. *Journal of the Experimental Analysis of Behavior*, 91, 319-335.

Reed, M. N., **Banna, K. M.**, Donlin, W. D., & Newland, M. C. (2008). Effects of gestational exposure to methylmercury and dietary selenium on reinforcement efficacy in adulthood. *Neurotoxicology and Teratology*, 30, 29-37.

### **Book Chapters**

Newland, M. C., Donlin, W. D., Paletz, E. M., & **Banna, K. M.** (2006). Developmental behavioral toxicity of methylmercury: Consequences, conditioning, and cortex. In E. D. Levin & J. J. Buccafusco (Eds.), *Animal Models of Cognitive Impairment*. Boca Raton, FL: CRC Press.

### **Case Reports**

Nusbaum, K. E., **Banna, K. M.**, Newland, M. C., & Newton, J.C. (2005). What's your diagnosis: Fin plaques and hair-like structures on wild-caught bluegill fish (*Lepomis macrochirus*). *Lab Animal*, 34(1), pp. 14-15.

### **Miscellaneous**

Banna, K. M. (2015). Experimental analysis of behavior. In J.G. Irons & R.L. Miller (Eds.). *Academic advising: A handbook for advisors and students volume 2: A guide to the sub-disciplines*. Retrieved from the Society for the Teaching of Psychology web site: <http://teachpsych.org/ebooks/academic-advising-2015-vol2>

Banna, K. M. (2011). Antagonist medications. In M. Kleiman & J. Hawdon (Eds.), *Encyclopedia of drug policy* (Vol. 1). Thousand Oaks, CA: Sage Publications.

Banna, K. M. (2008). Synar amendment. In G. Fisher & N. Roget (Eds.), *Encyclopedia of substance abuse, prevention, treatment, & recovery* (Vol. 2). Thousand Oaks, CA: Sage Publications.

### **Presentations at Scholarly Meetings and Conferences**

Melhorn, E. & **Banna, K. M.** (2015, October). *The effect of environmental reliability on self-control in middle-school students*. Poster presented at the Pennsylvania State System Psychology Conference, Slippery Rock, PA.

- Gibson, A. L., Wall, K. A., **Banna, K. M.**, & Donlin, W. (2012, May). *Bouts of exercise: Stepping up to a log-survivor analysis*. Paper presented at the annual conference for the Association for Behavior Analysis International, Seattle, WA.
- Taylor, T., Galuska, C., **Banna, K. M.**, & See, R. (2008, October). *Acquisition of fixed-ratio responding in naïve rats using an  $IRT < t$  ratio-escalation procedure*. Poster presented at the annual conference of the Southeastern Association for Behavior Analysis, Atlanta, GA.
- Banna, K. M.**, Carnell, A. Q., Blough, K. L., Rogers, J. L., & See, R. E. (2008, June). *Reinstatement of heroin-seeking in rats is potentiated by infusions of morphine into the substantia nigra*. Paper presented at the annual conference of the College on Problems of Drug Dependence, San Juan, Puerto Rico.
- Blough, K. L., Rogers, J. L., **Banna, K. M.**, Carnell, A. Q., & See, R. E. (2007, November). *Microinjection of morphine into the substantia nigra potentiates heroin-seeking in rats after chronic heroin self-administration*. Poster presented at the annual conference of the Society for Neuroscience, San Diego, CA.
- Banna, K. M.** & Newland, M. C. (2007, May). *The effects of discriminative stimuli and d-amphetamine on the acquisition of choice*. Poster presented at the annual conference of the Southeastern Association for Behavior Analysis, Athens, GA.
- Banna, K. M.** & Newland, M. C. (2006, May). *The application and validation of a logistic function to model behavior in transition*. Paper presentation given at the annual convention of the Association for Behavior Analysis, Atlanta, GA.
- Banna, K. M.** & Newland, M. C. (2006, May). *An analysis of transitional behavior in fish responding under concurrent schedules of reinforcement*. Poster presented at the annual convention of the Association for Behavior Analysis, Atlanta, GA.
- Banna, K. M.** & Newland, M. C. (2005, October). *Concurrent schedule behavior in bluegill sunfish trained to nose poke for food reinforcement*. Poster presented at the annual conference of the Southeastern Association for Behavior Analysis, Wilmington, NC.
- Banna, K. M.**, Cardwell, J., Holder, C., & Newland, M. C. (2004, May). *Application of the matching relation to choice behavior in the bluegill sunfish*. Paper presentation given at the annual convention of the Association for Behavior Analysis, Boston, MA.
- Banna, K. M.**, & Newland, M. C. (2004, March). *Concurrent schedule behavior in the bluegill sunfish: Application of the matching law and behavior in transition*. Paper presentation at the Auburn University Graduate Student Council Research Forum, Auburn, AL.
- Banna, K. M.**, & Newland, M. C. (2003, December). *Concurrent schedule behavior in the bluegill sunfish (*Lepomis macrochirus*)*. Oral presentation at the annual Auburn University Psychology Department Research Festival, Auburn, AL.

**Banna, K. M., & Newland, M. C.** (2003, October). *Concurrent schedule performance in bluegill sunfish (*Lepomis macrochirus*)*. Poster presented at the annual conference of the Southeastern Association for Behavior Analysis, Greenville, SC.

**Banna, K. M.** (2002, November). *Acquisition of a lever-press response in the bluegill sunfish (*Lepomis macrochirus*)*. Oral presentation at the annual Auburn University Psychology Department Research Festival, Auburn, AL.

Cole, W. R., **Banna, K. M.**, Bidwell, C. C., Ennis, W. A., Mackes, J. L., & Holland, S. A. (1999, March). *Habituation in spontaneously hypertensive rats (SHR) as a laboratory model of attention deficit/ hyperactivity disorder*. Poster presented at the Virginia Polytechnic Institute Psychology Poster Session, Blacksburg, VA.

**Banna, K. M., & Serdikoff, S. L.** (1999, April). *An evaluation of the discriminative stimulus properties of gamma-hydroxybutyric acid in rats*. Poster presented at the James Madison University Psychology Department Poster Session, Harrisonburg, VA.

Cole, W. R., **Banna, K. M.**, Bidwell, C. C., Ennis, W. A., Mackes, J. L., & Holland, S. A. (1999, April). *Habituation in spontaneously hypertensive rats (SHR) as a laboratory model of attention deficit/ hyperactivity disorder*. Poster presented at the James Madison University Psychology Department Poster Session, Harrisonburg, VA.

**Banna, K. M., & Serdikoff, S. L.** (1999, May). *An evaluation of the discriminative stimulus properties of gamma-hydroxybutyric acid in rats*. Poster presented at the Association for Behavior Analysis, Annual Meeting, Chicago, IL.

### **Miscellaneous**

*Contributions of behavior analysis to the study of obesity*. (2014, May). Discussant for invited symposium at the Association for Behavior Analysis International, Annual Meeting, Chicago, IL.

### **Informal Presentations**

Banna, K. M. (2012, April). *How to be a “Nobelly Prize” winner: Using contingency management to shape health behaviors*. Informal talk presented to the faculty and students of the Human Factors Program, Psychology Department, Wichita State University.

### **Grant Applications**

Special Academic & Administration Activities Travel Grant – Millersville University (Fall 2015)  
Offset costs of attending professional conference (SEABA, Oct 2015) in an official capacity as a member of the Board of Directors

**Status: Pending**

Special Academic & Administration Activities Travel Grant – Millersville University (Fall 2014)  
Offset costs of attending professional conference (SEABA, Oct 2014) in an official capacity  
as a member of the Board of Directors  
**Status: Awarded (Amount \$210)**

Special Academic & Administration Activities Travel Grant – Millersville University (Fall 2013)  
Offset costs of attending professional conference (SEABA, Oct 2013) in an official capacity  
as a member of the Board of Directors  
**Status: Funded (Amount \$250)**

Scholars in the Classroom – Millersville University (Fall 2013)  
Co-applicant: Dr. Shaun Cook, Psychology Department  
Funding to bring a speaker to campus to interact directly with students in a classroom setting  
**Status: Funded (Amount \$500)**

## **SERVICE**

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### **Millersville University**

#### University Level

- Association of Pennsylvania State College & University Faculties – Representative, Psychology Department (October 2014 – Present)
- Health Professions Advisory Committee – Member (August 2013 – Present)

#### Department Level

- Psychology Department 5-Year Review Committee (Spring 2015)
- Psychology Undergraduate Curriculum Committee (August 2013 – Present)
- Psychology Department Building Committee (August 2013 – Present)
- Faculty Search Committee (August 2013 – Spring 2015)

#### New Course Proposals

- PSYC 215: Introduction to Physiological Psychology (Approved Fall 2015)

#### Other

- \*Southeastern Association for Behavior Analysis: Program Chair (October 2015 – Present)
- \*Southeastern Association for Behavior Analysis: Board of Directors, Member (October 2012 – October 2015)

**Kansas State Animal Response Team (KS SART)**

**(February 2009 – March 2013)**

Board of Directors (Secretary 2010 – March 2013)

KS SART is the statewide organization that oversees development of and provides aid to county-based disaster animal response teams in the state of Kansas.

Responsibilities: Aid in meeting and material preparation; aid in the development and maintenance of member training database; develop and maintain county animal response team (CART) preparation database; aid in organization of annual conference and conference materials.

Disaster experience: Coordinated deployment of KS SART volunteers to Joplin, MO following F5 tornado (May 2011).

Director: Christen Skaer, DVM

**Sedgwick County Animal Response Team (SCART)**

**(February 2009 – June 2013)**

Volunteer (Fundraising Committee July 2009 – December 2010)

SCART is a non-profit organization dedicated to the survival and welfare of animals during natural and manmade disasters in the Sedgwick County area.

Responsibilities: Attend general and committee meetings; complete all required computer-based and live training exercises; aid in animal care/sheltering during natural/manmade disasters; develop and participate in fundraising events to support SCART activities.

Deployments: Reading, KS (May 2011) – Established and staffed an animal shelter following F3 tornado.

Director: Christen Skaer, DVM

**Medical University of South Carolina**

Brain Awareness Week (11 March 2008)

Gave a presentation to middle-school children at the School of the Arts in North Charleston regarding the structure and function of the nervous system. Aided in hands-on examination of human and rodent brains.

Organizer: Timothy Whitfield

## **Auburn University**

### Southeastern Raptor Center (July 2006 – December 2006; April 2000 – November 2000)

Responsibilities: Aid veterinary technician in administering medical treatment to injured birds of prey; prepare daily meals and medication for patients; care and maintenance of facilities and equipment.

Direct Supervisor: Elizabeth Crandall, Veterinary Technician  
Attending Veterinarian: Jill Heatley, DVM, Assistant Professor

### Graduate Student Council Representative (April 2004 – May 2005)

Responsibilities: Attend bi-monthly Senate meetings  
Chairperson of Recruitment Committee

### Diversity Leadership Council (April 2002 – February 2005)

Assembled by President William F. Walker to establish Auburn University as a national model for leveraging diversity within the higher education community; charged with developing a comprehensive plan for Auburn University to establish promoting diversity as a core value of the institution, recommending implementation strategies for elements contained within the plan, and assessing components of the plan and related strategies  
Member of the assessment sub-committee.

Chairman: John Pritchett, PhD, Interim Provost and Vice President for Academic Affairs (former)

### Instructional Directions Committee (January 2002 – January 2003)

Responsibilities: Revise the mission statement for instruction at Auburn University; develop goals and supporting outcomes for academic instruction.

Chairman: John Pritchett, PhD, Interim Provost and Vice President for Academic Affairs (former)

### Graduate School Fellowship Committee (September 2001 – May 2002)

Responsibilities: Review nominations for graduate student awards and applications for graduate student research grants.

Graduate Student Council Representative (January 2001 – May 2002)

Responsibilities: Attend bi-monthly Senate meetings. Planned and organized a 24-hour Race for Relief to raise money for the Red Cross to benefit families of September 11<sup>th</sup> victims.

Secretary (Spring 2001- Spring 2002) – record meeting minutes; recruit new Senators; organize Senate committees

**James Madison University**

Psychology Student Advisory Committee (Fall 1997; Fall 1998; Spring 1999)

Responsibilities: Met with undergraduate coordinator to discuss student concerns and implementations of new policies; designed, administered, and analyzed data from an undergraduate survey, which was used to help revise requirements for the Bachelor's degree in psychology

Faculty Supervisor: Michael Stoloff, PhD, Professor