

CURRICULUM VITA

BARRETT “LEVI” BOLIN

CONTACT:

Neurobehavioral Systems Lab (NSL)
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BIRTH:

January 30
Paducah, KY, USA

DEGREES EARNED:

2006, May

B.A., Psychology (Magna Cum Laude)
University of Kentucky College of Arts & Sciences
Department of Psychology
Undergraduate Research Advisor: Michael T. Bardo, Ph.D.

2008, December

M.S., Experimental Psychology
University of Kentucky College of Arts & Sciences
Department of Psychology
Master's Thesis Title: *Methamphetamine Impairs Sexual Motivation but not Sexual Performance in Male Japanese Quail*
Advisor: Chana K. Akins, Ph.D.

2012, December

Ph.D., Experimental Psychology
University of Kentucky College of Arts & Sciences
Department of Psychology
Dissertation Title: *The Discriminative Stimulus Effects of Methamphetamine in a Novel Model of Drug Discrimination in Male Japanese Quail*
Advisor: Chana K. Akins, Ph.D.

POSTDOCTORAL TRAINING:

1/2013 – 6/2016

Postdoctoral Training in Human Behavioral Pharmacology Research
University of Kentucky College of Medicine
Department of Behavioral Science
Advisors: Craig R. Rush, Ph.D. and William W. Stoops, Ph.D.

8/2016 – 12/2017

Teaching Postdoctoral Scholar
University of Kentucky College of Arts & Sciences
Department of Psychology
Supervisor: Robert F. Lorch, Ph.D.

EMPLOYMENT:

1/2019 – Present	<p>Scientist II Neurobehavioral Systems Lab Department of Behavioral Science University of Kentucky College of Medicine <u>Director:</u> Michael J. Wesley, Ph.D.</p>
1/2018 – 1/2019	<p>Research Analyst Principal Neurobehavioral Systems Lab Department of Behavioral Science University of Kentucky College of Medicine <u>Director:</u> Michael J. Wesley, Ph.D.</p>

FELLOWSHIPS, AWARDS, AND HONORS:

Fellowships

7/2013 – 6/2015	<p>National Institute on Drug Abuse Postdoctoral Training Fellowship Department of Behavioral Science, University of Kentucky College of Medicine PI: Craig R. Rush, Ph.D. (T32 DA035200)</p>
2011 – 2012	<p>Research Challenge Trust Fund Fellow Department of Psychology, University of Kentucky</p>
7/2010 – 6/2011	<p>National Institute on Drug Abuse Predoctoral Training Fellowship Department of Behavioral Science, University of Kentucky College of Medicine PI: Craig R. Rush, Ph.D. (T32 DA007304)</p>
7/2009 – 6/2010	<p>National Institute on Drug Abuse Predoctoral Training Fellowship Department of Behavioral Science, University of Kentucky College of Medicine PI: Thomas F. Garrity, Ph.D. (T32 DA007304)</p>

Travel Awards

2016	<p>Postdoctoral Travel Award Recipient International Study Group Investigating Drugs as Reinforcers (ISGIDAR) Presentation Title: <i>Influence of n-Acetylcysteine Maintenance on Cocaine Self-Administration: Potential Importance of Maintenance Order</i></p>
2010	<p>Early Career Investigator Travel Award, National Institute on Drug Abuse (Sponsored by Division 28 of the American Psychological Association)</p>
2009	<p>Research Challenge Trust Fund Travel Award Department of Psychology, University of Kentucky</p>
2008	<p>Support Travel Funding The Graduate School, University of Kentucky</p>
2008	<p>Research Challenge Trust Fund Travel Award Department of Psychology, University of Kentucky</p>
2007	<p>Research Challenge Trust Fund Travel Award Department of Psychology, University of Kentucky</p>

Other Recognitions & Honors

2018	Breaking Barriers Award Presented by the Disability Resource Center Division of Student and Academic Life, University of Kentucky
2012	American Psychological Association Interdivisional Mentoring Award Sponsored by the National Institute on Drug Abuse (NIDA) and American Psychological Association (APA) Divisions 3, 6, and 28
2001	Eagle Scout Boy Scouts of America; Troop 1022, Paducah, KY

UNDERGRADUATE TEACHING EXPERIENCE:

PSY 215: Experimental Psychology
University of Kentucky College of Arts and Sciences

Role: Instructor of Record

Course Description: This course provides foundational knowledge of research methods in the field of psychology. Special emphasis is placed on the critical evaluation of contemporary research in experimental psychology. Particular attention is focused on the design, execution, and written communication of laboratory research in psychology.

Semesters Taught: Fall 2016 (×2), Spring 2017 (×2), Fall 2017 (×2)

PSY 312: Brain & Behavior
University of Kentucky College of Arts and Sciences

Role: Instructor of Record

Course Description: An introduction to structural and functional characteristics of the nervous system. The emphasis is on exploring the relationship between brain and behavior. Topics range from simple structures and behaviors to more complex functions. The biological basis of normal and abnormal behavior is explored from a multidisciplinary perspective.

Semesters Taught: Spring 2017, Fall 2017

PSY 450: Learning
University of Kentucky College of Arts and Sciences

Role: Instructor of Record

Course Description: This advanced course educated students in the contemporary theoretical and empirical bases of learning in humans and non-human animals with specific emphasis on classical conditioning and operant behavior. Course concepts were reinforced through an integration of lectures and intensive, hands-on laboratory experiences with non-human animals.

Semesters Taught: Fall 2012

OTHER TEACHING EXPERIENCE:

Invited Guest Lectures

PSY 311: Learning and Cognition (Chana K. Akins, Ph.D., Instructor of Record)
University of Kentucky College of Arts and Sciences

Lecture: "Classical Conditioning (Part 1)"

Semester: Fall 2014

BSC 772: Ethics and Responsibility in Clinical Research (William W. Stoops, Ph.D., Instructor of Record)
University of Kentucky College of Medicine

Lecture: "The Use of Non-Human Animals in Scientific Research: Ethical considerations".

Semester: Fall 2012

Teaching Assistantships

PSY 100: Introductory Psychology

University of Kentucky College of Arts and Sciences

Role: Graduate Teaching Assistant and Laboratory Instructor

Course Description: This course provides a broad overview of the theories, methods, and findings of research in major areas of psychology. The laboratory component provided hands-on experience with these concepts with guided activities.

PSY 215: Experimental Psychology

University of Kentucky College of Arts and Sciences

Role: Graduate Teaching Assistant and Laboratory Instructor

Course Description: This course concerned the application of scientific methods to psychological research. The laboratory component provided experience with experimental design, collection of observational data and a basic introduction to scientific writing and use of APA style.

RESEARCH MENTORING:

Medical Student Research Mentees

Michael R. Romanelli (2015, 2016)

Jeremy P. Sites (2013, 2014)

UK Summer Training in Alcohol Research (STAR) Program Research Mentees

Natalie O'Hara (2015)

Hayden E. Scott (2014)

Undergraduate Research Mentees

Matthew Ponder (2018, 2019)

Matt Ray (2018)

Alexis Welch (2018)

Stacie Kushner (2014)

Destiny Singleton (2013)

Ryan Thompson (2012)

Samantha Barton (2010)

Noelle Davis (2010)

Sammy Schwienher (2010)

Patrick Young (2010)

Amanda Barnes (2009)

Katie Perkins (2008)

Heather Cornett (2008)

Alicia Grimm (2008)

Christi Majors (2008)

Mallory Marshall (2008)

Andrew Alexander (2007)

Ashley Blackburn (2007)

Lisa-Anne Ferris (2007)

Malorey Fields (2007)

Sarah Hammersley (2007)

Amy Marquardt (2007)

Katy Risner (2007)

Jay Sharp (2007)

Caroline Toennis (2007)

Victoria Vessels (2007)

Kelly Wehle (2007)

Grant Harris (2006)

CURRENT PROFESSIONAL MEMBERSHIPS:

2016-present Member, International Study Group Investigating Drugs as Reinforcers

2014-present Member, American Psychological Association

2011-present Association for Behavior Analysis International

2009-present Member, European Behavioral Pharmacology Society

2006-present Bluegrass Chapter of the Society for Neuroscience

PROFESSIONAL SERVICE:

Spring 2017 – Fall 2017	UK Department of Psychology Committee to Reconceptualize Undergraduate Research Methods and Statistics (PSY 215 & PSY 216) Curriculum
Fall 2016 – Spring 2017	Undergraduate Student Outreach and Peer-Tutoring Program Supervisor and Data Coordinator, Department of Psychology, University of Kentucky College of Arts and Sciences
2014, December	Abstract Reviewer for the 2015 Convention of the American Psychological Association
2014, March	Mentor/Poster Session Judge at the 30 th Annual Spring Neuroscience Research Day Sponsored by the Bluegrass Chapter of the Society for Neuroscience, Lexington, Kentucky
2014, February	Public Outreach Volunteer at Kentucky American Water Fayette County Regional Science Fair, organized by the Bluegrass Chapter of the Society for Neuroscience
2013, June	Audiovisual support for the annual meeting of the College on Problems of Drug Dependence
Fall 2007 – Spring 2008	Behavioral Neuroscience and Psychopharmacology Program Seminar Co-coordinator, Department of Psychology, University of Kentucky College of Arts and Sciences

SCIENTIFIC JOURNAL REVIEW (*ad hoc*):

Alcoholism: Clinical and Experimental Research
Drug and Alcohol Dependence
European Journal of Pharmacology
Journal of Substance Abuse Treatment
Pharmacology Biochemistry and Behavior
Psychopharmacology

RESEARCH FUNDING:

Extramural Grant Applications Under Review

Co-Investigator

R21 (PI: Fillmore, MT; Co-I: **Bolin, BL**; Carlson, CR)

NIH Exploratory/Developmental Research Grant Program

National Institutes of Health (NIH) / National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Title: Effect of Alcohol on Women's Defensive Reactions to a Virtual Reality Simulation of Sexual Threat

Impact Score: 40

Extramural Grant Applications Previously Submitted

Principal Investigator

K99/R00 (PI: **Bolin, BL**; Mentor: Rush, CR; Co-mentor: Shoptaw, SJ)

NIH Pathway to Independence (K99/R00) Career Development Award

National Institutes of Health (NIH) / National Institute on Drug Abuse (NIDA)

Title: Sexual HIV-Risk and Cocaine Use: Human Laboratory Analysis of Event-Level Factors

F31 (PI: **Bolin, BL**; Mentor: Akins, CK)

Ruth L. Kirschstein NRSA for Individual Predoctoral Fellows

National Institutes of Health (NIH) / National Institute on Drug Abuse (NIDA)

Title: The Discriminative Stimulus Effects of Methamphetamine in Male Japanese quail

Co-Investigator

NCRG Large Grant (PI: Rush, CR; Co-I: **Bolin, BL**)

Large Grant for Research on Gambling Disorders

National Center for Responsible Gaming (NCRG)

Title: Impact of Gambling-Related Attentional Bias on Inhibitory Control and Decision-Making in Gamblers

Internal Research Funding

Principal Investigator

BSC Pilot Grant Program (PI: **Bolin, BL**; Co-I: Rush, CR)

Impact of Gambling-Related Attentional Bias on Inhibitory Control and Decision-Making in Gamblers.

University of Kentucky College of Medicine, Department of Behavioral Science, Pilot Grant Program.

Funded February 2014 to December 2014.

Co-Investigator

BSC Pilot Grant Program (PI: Marks, KR; Co-I: **Bolin, BL**; Strickland, JS)

Behavioral Economic Analysis of Health-Specific Commodities in an Online Sample. University of

Kentucky College of Medicine, Department of Behavioral Science, Pilot Grant Program. Funded

January 2018 to July 2018.

BIBLIOGRAPHY:

Refereed Original Investigations (h-index[†]: 7 – Total Citations[†]: 91)

**Undergraduate Student, **Medical Student, [†]Source: Google Scholar*

15. **Bolin, B. L.**, Strickland, J. C., Stoops, W. W., & Rush, C. R. (2018). *Sexual images function as a reinforcer and disrupt inhibitory control in heterosexual men who use cocaine*. Manuscript Submitted for Publication.
14. **Bolin, B. L.**, Alcorn III, J. L., Lile, J. A., Rush, C. R., Rayapati, A. O., Hays, L. R., & Stoops, W. W. (2017). *N-Acetylcysteine reduces cocaine-cue attentional bias and differentially alters cocaine self-administration based on dosing order*. *Drug and Alcohol Dependence*, 178, 452-460. doi: 10.1016/j.drugalcdep.2017.05.039
13. Akins, C. K., **Bolin, B. L.**, & Gill, K. E. (2017). Cocaine pre-exposure enhances sexual conditioning and increases resistance to extinction in male Japanese quail. *Learning & Behavior*, 45(3), 313-322. doi: 10.3758/s13420-017-0274-1
12. Strickland, J. C., **Bolin, B. L.**, ***Romanelli, M. R.*, Rush, C. R., & Stoops, W. W. (2017). Effects of acute buspirone administration on inhibitory control and sexual discounting in cocaine users. *Human Psychopharmacology: Clinical and Experimental*, 32, e2567. doi: 10.1002/hup.2567
11. Strickland, J. C., **Bolin, B. L.**, Lile, J. A., Rush, C. R., & Stoops, W. W. (2016). Differential sensitivity to learning from positive and negative outcomes in cocaine users. *Drug and Alcohol Dependence*, 166, 61-68. doi: 10.1016/j.drugalcdep.2016.06.022
10. **Bolin, B. L.**, Alcorn III, J. L., Reynolds, A. R., Lile, J. A., & Rush, C. R. (2016). Human drug discrimination: A primer and methodological review. *Experimental and Clinical Psychopharmacology*, 24(4), 214-228. doi: 10.1037/pha0000077

9. **Bolin, B. L.**, Lile, J. A., Marks, K. R., Beckmann, J. S., Rush, C. R., & Stoops, W. W. (2016). Buspirone reduces sexual risk-taking intent but not cocaine self-administration. *Experimental and Clinical Psychopharmacology*, 24(3), 162-173. doi: 10.1037/pha0000076
8. **Bolin, B. L.**, Stoops, W. W., ***Sites, J. P.*, & Rush, C. R. (2016). Abuse potential of oral phendimetrazine in cocaine-dependent individuals: Implications for agonist-like replacement therapy. *Journal of Addiction Medicine*, 10(3), 156-165. doi: 10.1097/ADM.0000000000000206
7. **Bolin, B. L.**, **Singleton, D. L.*, & Akins, C. K. (2014). Pavlovian discriminative stimulus effects of methamphetamine in male Japanese quail (*Coturnix japonica*). *Journal of the Experimental Analysis of Behavior*, 102(1), 126-138. doi: 10.1002/jeab.92
6. **Bolin, B. L.**, Reynolds, A. R., Stoops, W. W., & Rush, C. R. (2013). Relationship between oral d-amphetamine self-administration and ratings of subjective effects: Do subjective-effects ratings correspond with a progressive-ratio measure of drug-taking behavior? *Behavioural Pharmacology*, 24(5), 533-542. doi: 10.1097/FBP.0b013e3283645047
5. Reynolds, A. R., **Bolin, B. L.**, Stoops, W. W., & Rush, C. R. (2013). Relationship between drug discrimination and ratings of subjective effects: Implications for assessing and understanding the abuse potential of amphetamine in humans. *Behavioural Pharmacology*, 24(5), 523-532. doi: 10.1097/FBP.0b013e328364505f.
4. **Bolin, B. L.**, **Cornett, H.*, **Barnes, A. F.*, Gill, K. E. & Akins, C. K. (2012). Nicotine induces a conditioned place preference in male Japanese quail. *Physiology and Behaviour*, 107(3), 364-367. doi: 10.1016/j.physbeh.2012.08.005
3. **Bolin, B. L.**, & Akins, C. K. (2012). Chronic pre-exposure to methamphetamine following 31 days of withdrawal impairs sexual performance but not sexual conditioning in male Japanese quail. *Behavioural Processes*, 91, 177-183. doi: 10.1016/j.beproc.2012.07.004
2. **Rosine, B. J.*, **Bolin, B. L.**, & Akins, C. K. (2009). Chronic exposure to methylphenidate cross-sensitizes methamphetamine in male Japanese quail. *Behavioural Pharmacology*, 20, 352-355. doi: 10.1097/FBP.0b013e32832ec615
1. **Bolin, B. L.**, & Akins, C. K. (2009). Methamphetamine impairs sexual motivation but not sexual performance in male Japanese quail. *Experimental and Clinical Psychopharmacology*, 17(1), 10-20. doi: 10.1037/a0014505

Manuscripts in Preparation

Bolin, B. L., Strickland, J. C., Rush, C. R., & Stoops, W. W. (2018). *Relationship between self-reported sexual behavior and performance on a modified sexual discounting task in male cocaine users*. Manuscript in Preparation.

Published Book Chapters

2. Akins, C. K., Eaton, S., & **Bolin, B. L.** (2017). Conditioned Place Preference. In J. Vonk and T. K. Shackelford (eds.), *Encyclopedia of Animal Cognition and Behavior*.
1. **Bolin, B. L.**, Alcorn III, J. L., Reynolds, A. R., Lile, J. A., Stoops, W. W., & Rush, C. R. (2016). Human Drug Discrimination: Elucidating the Neuropharmacology of Commonly Abused Illicit Drugs. In J. H. Porter and A. J. Prus (eds.), *Current Topics in Behavioral Neuroscience, Volume: Drug Discrimination: A Behavioral Neuropharmacological Approach for Understanding the Subjective Effects of Drugs*.

SCIENTIFIC RESEARCH PRESENTATIONS:

Invited Research Talks

3. Rush, C. R., Reynolds, A. R., **Bolin, B. L.**, Stoops, W. W., Lile, J. A., Rayapati, A. O., Hays, L. R., (2018, June). *Topiramate-Phentermine combinations as a pharmacotherapy for cocaine dependence*. Oral presentation delivered at the annual meeting of the College on Problems of Drug Dependence, San Diego, California.
2. **Bolin, B. L.**, Alcorn III, J. L., Lile, J. A., Rush, C. R., & Stoops, W. W. (2016, June). *Influence of n-acetylcysteine maintenance on cocaine self-administration: Potential importance of maintenance order*. International Study Group Investigating Drugs as Reinforcers (ISGIDAR) Award lecture presented at the 2016 meeting, Palm Springs, California.
1. **Bolin, B. L.** (2016, May). *Investigating stimulant-use disorders and risk-taking behavior: What do we (not) know?* Invited lecture presented at the University of Arkansas for Medical Sciences, Little Rock, Arkansas.

Symposia Organized

2015, August Symposium Title: "Sex, Drugs, and Dopamine: A Recipe for Risk?"
Collaborative Symposium held at the 2015 Convention of the American Psychological Association (sponsored by Divisions 28 and 6).
Role: Symposium Chair
Participants: Lique M. Coolen, Ph.D. (University of Mississippi Medical Center, Jackson, MS), Fay A. Guaracci, Ph.D. (Southwestern University, Georgetown, TX), Stephanie Both, Ph.D. (Leiden University Medical Center, Leiden, Netherlands), Matthew W. Johnson, Ph.D. (Johns Hopkins University School of Medicine, Baltimore, MD), Ian W. Holloway, Ph.D., MPH (University of California Los Angeles, Los Angeles, CA).

Symposia Presented

2018, August Symposium Title: "Transcranial Magnetic Stimulation (TMS) as an Emerging Clinical and Research Tool"
Collaborative Symposium held at the 2018 Convention of the American Psychological Association (sponsored by Divisions 28, 12, 19, 22, and 50).
Role: Symposium Participant, performed live demonstration of TMS for an audience of researchers and clinicians
Participants: Michael J. Wesley, Ph.D. (University of Kentucky, Lexington, KY), Nolan Williams, MD (Stanford University, Stanford, CA), Colleen A. Hanlon, Ph.D. (Medical University of South Carolina, Charleston, SC), Danielle D. DeSouza, Ph.D. (Stanford University, Stanford, CA), Simon W. Davis, Ph.D. (Duke University, Durham, NC), B. Levi Bolin, Ph.D. (University of Kentucky, Lexington, KY), Claudia K. Tischler, B.A. (Stanford University, Stanford, CA).
Symposium Co-chairs: Mark A. Smith, Ph.D. & Michael J. Wesley, Ph.D.

Poster Presentations

*Undergraduate Student, **Medical Student

31. **Bolin, B. L.**, Lile, J. A., *Ponder, M. G., *Ray, M. C., *Welch, A. N. & Wesley, M. J. (2018, October). *Personalized Transcranial Magnetic Stimulation for Enhancing Substance Abuse Research and Treatment*. Poster session presented at the University of Kentucky Board of Trustees Retreat, Lexington, Kentucky.
30. Wesley, M. J., **Bolin, B. L.**, *Ray, M., *Ponder, M., Hays, L. R., & Lile, J. A. (2018, June). *Neuromodulation of functional connectivity in emerging adults with cannabis use disorder*. Poster session presented at the annual meeting of the College on Problems of Drug Dependence, San Diego, California.

29. Rush, C. R., **Bolin, B. L.**, Rayapati, A. O., Hays, L. R., Lile, J. A., & Stoops, W. W. (2017, June). *Bupropion-naltrexone combinations as a pharmacotherapy for cocaine-use disorder*. Poster session presented at the annual meeting of the College on Problems of Drug Dependence, Montreal, Québec, Canada.
28. **Romanelli, M. R., Strickland, J. C., **Bolin, B. L.**, Rush, C. R., & Stoops, W. W. (2016, April). *Effects of acute buspirone administration on impulsive choice and inhibitory control in cocaine users*. Poster session presented at the 11th annual University of Kentucky Center for Clinical and Translational Science Spring Conference, Lexington, Kentucky.
27. **Bolin, B. L.**, Lile, J. A., Marks, K. R., Rush, C. R., & Stoops, W. W. (2015, September). *Buspirone maintenance reduces sexual risk-taking but does not alter the abuse-related effects of cocaine in cocaine users*. Poster session presented at the 2015 biennial meeting of the European Behavioral Pharmacology Society, Verona, Italy.
26. Stoops, W. W., **Bolin, B. L.**, **Sites, J. P., & Rush, C. R. (2015, September). *Abuse potential of oral phendimetrazine in cocaine-dependent individuals*. Poster session presented at the 2015 biennial meeting of the European Behavioral Pharmacology Society, Verona, Italy.
25. **Bolin, B. L.**, Lile, J. A., Marks, K. R., Rush, C. R., & Stoops, W. W. (2015, June). *Influence of buspirone on the pharmacodynamics effects of cocaine and sexual risk taking in cocaine users*. Poster session presented at the annual meeting of the College on Problems of Drug Dependence, Phoenix, Arizona.
24. Stoops, W. W., **Bolin, B. L.**, **Sites, J. P., & Rush, C. R. (2015, June). *Abuse potential of oral phendimetrazine in cocaine-dependent individuals*. Poster session presented at the annual meeting of the College on Problems of Drug Dependence, Phoenix, Arizona.
23. Stoops, W. W., **Bolin, B. L.**, Lile, J. A., & Rush, C. R. (2015, March). *Buspirone does not alter the reinforcing, subjective, or physiological effects of intranasal cocaine*. Poster session presented at the annual meeting of the American Society for Pharmacology and Experimental Therapeutics, Boston, Massachusetts.
22. **Bolin, B. L.**, Rush C. R., Glaser P. E. A., & Stoops W. W. (2014, June). *Repeated exposure produces tolerance to some of the abuse-related subjective effects of oral tramadol in humans*. Poster session presented at the annual meeting of the College on Problems of Drug Dependence, San Juan, Puerto Rico.
21. *Singleton, D. S., **Bolin, B. L.**, & Akins, C. K. (2014, April). *Cocaine shares discriminative stimulus effects with methamphetamine*. Poster session presented at the National Conference on Undergraduate Research (NCUR), University of Kentucky, Lexington, Kentucky.
20. Gill, K. E., **Bolin, B. L.**, & Akins, C. K. (2013, April). *Sex differences in the locomotor enhancing effects of cocaine in Japanese quail*. Poster session presented at the annual Bluegrass Society for Neuroscience Spring Neuroscience Day, Lexington, Kentucky.
19. Gill, K. E., **Bolin, B. L.**, & Akins, C. K. (2012, August). *Sex differences in behavioral sensitization to cocaine in Japanese quail*. Poster session presented at the 120th annual convention of the American Psychological Association, Orlando, Florida.
18. **Bolin, B. L.**, & Akins, C. K. (2012, August). *The discriminative stimulus effects of methamphetamine in male Japanese quail using a Pavlovian conditioned approach drug discrimination model*. Poster session presented at the 120th annual convention of the American Psychological Association, Orlando, Florida.

17. **Bolin, B. L., & Akins, C. K.** (2012, March). *Toward a model of drug discrimination in male Japanese quail: Operant versus Pavlovian Conditioning Techniques*. Poster session presented at the Kentucky Psychological Association spring academic conference, Lexington, Kentucky.
16. ***Thompson, K. R., Bolin, B. L., & Akins, C. K.** (2012, March). *Chronic preexposure to cocaine facilitates sexual conditioning and increases resistance to extinction in male Japanese quail*. Poster session presented at the Kentucky Psychological Association spring academic conference, Lexington, Kentucky.
15. **Bolin, B. L., & Akins, C. K.** (2012, March). *Toward a model of drug discrimination in male Japanese quail: Operant versus Pavlovian conditioning techniques*. Poster session presented at the annual Bluegrass Society for Neuroscience Spring Neuroscience Day, Lexington, Kentucky.
14. Gill, K. E., **Bolin, B. L., & Akins, C. K.** (2011, November). *Sex differences in behavioral sensitization to cocaine in Japanese quail*. Poster session presented at the Annual meeting of the Society for Neuroscience, Washington, D.C.
13. **Bolin, B. L., *Cornett, H., *Barnes, A. F., & Akins, C. K.** (2011, August). *Nicotine and adderall produce conditioned place preference alone and in combination in male Japanese quail*. Poster session presented at the 14th Meeting of the European Behavioral Pharmacology Society (EBPS), Amsterdam, Netherlands.
12. **Bolin, B. L., & Akins, C. K.** (2011, May). *The discriminative stimulus effects of methamphetamine in male Japanese quail*. Poster session presented at the 37th Applied Behavior Analysis International (ABAI) Annual Convention, Denver, Colorado.
11. **Bolin, B. L., *Cornett, H., *Barnes, A.F., & Akins, C. K.** (2011, April). *An investigation of the rewarding properties of nicotine and Adderall in combination in male Japanese quail using conditioned place preference*. Poster session presented at the First Annual University of Kentucky Children at Risk Conference, Lexington, Kentucky.
10. Gill, K. E., **Bolin, B. L., & Akins, C. K.** (2011, March). *Sex differences in behavioral sensitization to cocaine in Japanese quail*. Poster session presented at the Annual Bluegrass Society for Neuroscience Spring Neuroscience Day, Lexington, Kentucky.
9. **Bolin, B. L., & Akins, C. K.** (2010, August). *Chronic methamphetamine pre-exposure enhances sexually conditioned locomotor activity but impairs sexual performance in male Japanese quail*. Poster session presented at the APA 118th Annual Meeting, San Diego, California.
8. **Bolin, B. L., & Akins, C. K.** (2009, October). *Methamphetamine impairs sexually conditioned approach in male Japanese quail*. Poster session presented at the Society for Neuroscience's 2009 Annual Meeting, Chicago, Illinois.
7. **Bolin, B. L., & Akins, C. K.** (2009, September). *Methamphetamine impairs sexually conditioned approach but not sexual performance in male Japanese quail*. Poster session presented at the European Behavioral Pharmacology Society's 13th Biennial Meeting, Rome, Italy.
6. **Bolin, B. L., & Akins, C. K.** (2009, June). *Methamphetamine impairs sexually conditioned approach in male Japanese quail*. Poster session presented at the College on Problems of Drug Dependence 71st Annual Meeting, Reno, Nevada.
5. **Bolin, B. L., & Akins, C. K.** (2009, March). *Methamphetamine impairs sexually conditioned approach in male Japanese quail*. Poster session presented at the annual Bluegrass Society for Neuroscience Spring Neuroscience Day, Lexington, Kentucky.

4. **Bolin, B. L., & Akins, C. K.** (2008, June). *Methamphetamine impairs sexual motivation but not sexual performance in quail*. Poster session presented at the College on Problems of Drug Dependence 70th Annual Meeting, San Juan, Puerto Rico.
3. **Bolin, B. L., & Akins, C. K.** (2008, May). *Methamphetamine impairs sexual motivation but not sexual performance in quail*. Poster session presented at the 80th Annual Midwestern Psychological Association Meeting, Chicago, Illinois.
2. **Bolin, B. L., & Akins, C. K.** (2008, March). *The effects of methamphetamine on sexual motivation using a runway apparatus*. Poster session presented at the annual Spring Neuroscience Day, Lexington, Kentucky.
1. **Bolin, B. L., & Akins, C. K.** (2007, April). *The effects of methamphetamine on sexual motivation using a runway apparatus*. Poster session presented at the 55th Annual Nebraska Symposium on Motivation, Lincoln, Nebraska.