

David J. Cox, M.S.B., BCBA
Doctoral Student
University of Florida
Department of Psychology, Behavior Analysis Specialization
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BOARD CERTIFICATIONS

Board Certified Behavior Analyst (BCBA)

Behavior Analyst Certification Board Examination Passed September 27th, 2011.

EDUCATION

Ph.D. Psychology, [EXPECTED] 2018, University of Florida

Area of Specialization: Behavior Analysis

Advisor: Dr. Jesse Dallery

M.S. Bioethics, 2010, Icahn School of Medicine Center for Bioethics & Union Graduate College

Focus Clinical Ethics

Master's Thesis: "From Interdisciplinary to Integrated Care of the Child with Autism: The Essential Role for a Code of Ethics"

Thesis Advisor: Dr. Larry McCullough

Post Graduate Certificate in Applied Behavior Analysis, 2011, University of North Texas

B.S. Psychology, 2008, Arizona State University, Tempe, AZ

Areas of Concentration: Mental Health and Personality

MAJOR RESEARCH INTERESTS

Laboratory studies on choice, preference, and decision making; ethical behavior; translational research on automatically maintained behavior; mathematical models of operant behavior; behavioral health; behavioral economics; cooperation; interaction & comparison of verbal and nonverbal behavior; comparative psychology

PEER REVIEWED PUBLICATIONS

Submitted

Cox, D.J., & Dallery, J. (*submitted*). Influence of second outcome on monetary discounting. *Behavioural Processes*.

Cox, D.J., Villegas, A., & Barlow, M.A. (*submitted*). Lost in translation: A reply to Shyman (2016). *Intellectual and Developmental Disabilities*.

Brodhead, M.T., Quigley, S.P., & **Cox, D.J.** (*submitted*). How to identify ethical practices in organizations prior to employment. *Behavior Analysis in Practice*.

Dorey, N.R., **Cox, D.J.**, & Macaskill, A.C. (*submitted*). Alternative facts: Why we need more research on animal training methods. *Journal of Comparative Psychology*.

Cox, D.J., & Dallery, J. (*submitted*). Verbal behavior and risky choice in humans. *Behavioural Processes*.

Stedman-Falls, L., Barlow, M.A., & **Cox, D.J.** (*submitted*). ABA online: A review of internet-based interventions in Applied Behavior Analysis. *Behavior Analysis Research & Practice*.

Accepted

Quigley, S.P., Blevins, P.R., **Cox, D.J.**, Brodhead, M.T., & Kim, S. (*accepted*). An evaluation of the ethical implications of telehealth research with individuals with Autism Spectrum Disorders. *Behavior Analysis Research & Practice*.

Published/In Press

Bolívar, H., **Cox, D.J.**, Barlow, M.A., & Dallery, J. (2017). Evaluating resurgence procedures in a human operant laboratory. *Behavioural Processes*, 140, 150-160. doi:10.1016/j.beproc.201.05.004

- Bialeszek, W., Marcowski, P., & **Cox, D.J.** (2017). Differences in delay, but not probability, discounting in smokers, never smokers, and current e-cigarette users. *The Psychological Record*, 67, 223-230. doi:10.1007/s40732-017-0244-1
- Cox, D.J.**, Sosine, J., & Dallery, J. (2017). Application of the matching law to pitch selection in professional baseball. *Journal of Applied Behavior Analysis*, 50, 393-406. doi:10.1002/jaba.381
- Cox, D.J.** (2016). Developing coalitions for effective action: *The Five Horsemen of the Modern World: Climate, Food, Water, Disease, and Obesity*. By, Daniel Callahan. *Behavior and Social Issues*, 25, 99-102. doi:10.5210/bsi.v.25i0.6871
- Cox, D.J.**, & Dallery, J. (2016). Effects of delay and probability combinations on discounting in humans. *Behavioural Processes*, 131, 15-23. doi:10.1016/j.beproc.2016.08.002
- Cox, D.J.** (2016). A brief overview of within-subject experimental design logic for individuals with ASD. *Journal of Autism & Related Disabilities*, 2, 3, 1025-1030.
- Cox, D.J.** (2012). From Interdisciplinary to Integrated Care of the Child with Autism: The Essential Role for a Code of Ethics. *Journal of Autism and Developmental Disorders*, 42, 2729-2738. doi:10.1007/s10803-012-1530-z

BOOKS

- Brodhead, M.T., Quigley, S.P., & **Cox, D.J.** (2018). Practical ethics for effective treatment of Autism Spectrum Disorder. Elsevier Inc.: Cambridge, MA. [UNDER CONTRACT]

BOOK CHAPTERS

- Cox, D.J.** (2018). Ethical considerations in interdisciplinary treatments. In R.D. Rieske (Ed.), *Handbook of Interdisciplinary Treatments for Autism Spectrum Disorder*. Springer Publishing. [UNDER CONTRACT]

RESEARCH SUPPORT

External

- National Science Foundation. Extreme Weather Events and Individual Differences in Threat Perception and Behavior. Award ID: 1635943. PI: Webster. Graduate Researchers: Losee and **Cox**. \$414,962.

HONORS AND AWARDS

- Center for Addiction Research & Education (CARE) Travel Award (2017). \$500
CLAS Travel Award (2016). \$250
Psychology Department Travel Award (2016). \$500
Psychology Department Travel Award (2015). \$500

PUBLISHED OPEN SOURCE CODE

- Cox, D.J.** (2017). Description vs. experience visual basic source code (Version 1.0.0) [Source code]. <https://github.com/davidjcox333/DvE>. doi:10.5281/zenodo.556737
- Cox, D.J.** (2016). Resurgence procedure: Target, alternative, and control response (Version 1.0.0) [Source code]. <https://github.com/BHAT-RC/resurgence>.

INTERNATIONAL AND NATIONAL PRESENTATIONS (*poster, **student mentee)

- Cox, D.J.**, & Dallery, J. (May, 2017). Verbal behavior and risky choice in humans. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.
- Bolivar, H., **Cox, D.J.**, Barlow, M.A., & Dallery, J. (May, 2017). Evaluating resurgence procedures in a human operant laboratory. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.
- Cox, D.J.** (May, 2017). On using modern technology along the basic and applied research continuum: Why and how technology can be used in your research. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.

- *Barlow, M.A., Villegas, A.C., & **Cox, D.J.** (May, 2017). Responding to mischaracterizations of behavior analysis. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.
- *Fernand, J.K., Bolivar, H.A., **Cox, D.J.**, Mathison, S.J., & Vollmer, T.R. (May, 2017). An analysis of the ethical infractions resolved by the BACB. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.
- **Amanieh, H., Fernand, J. K., **Cox, D.J.**, & Dorey, N.R. (April, 2017). Any reward will do: Effects of reversed contingencies on size preference with pet dogs (*canis lupus familiaris*). 24th International Conference on Comparative Cognition. Melbourne Beach, FL.
- Webster, G., Losee, J.E., & **Cox, D.J.** (March, 2017). Individual differences in delayed and probabilistic discounting of hurricane preparation. International Convention of Psychological Science. Vienna, Austria.
- *Losee, J.E., & **Cox, D.J.** (November, 2016). Discounting the threat of a hurricane. Society for Judgment and Decision Making Annual Conference. Boston, MA.
- Cox, D.J.**, & Dallery, J. (May, 2016). Toward a method for measuring the influence of multiple outcomes on discounting. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
- *Martner, S., **Cox, D.J.**, & DeLeon, I.G. (May, 2016). Certificants' reports of contact with literature and continuing education. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
- *Stedman-Falls, L.M., Barlow, M.A., & **Cox, D.J.** (May, 2016). ABA online: a review of applied behavior analysis interventions implemented via the internet. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
- *Losee, J., & **Cox, D.J.** (November, 2015). Discounting and decision making under hurricane threat. Society for Judgment and Decision Making Annual Conference. Chicago, IL.
- Cox, D.J.** (May, 2015). Application of the generalized matching law to pitch selection in professional baseball. Association for Behavior Analysis International (ABAI) Annual Convention. San Antonio, TX.
- ***Cox, D.J.** (May, 2015). Extending the validity of discounting tasks measuring half-amounts. Society for the Quantitative Analysis of Behavior Annual Symposia. San Antonio, TX.
- Cox, D.J.** (May, 2014). Strategies for tacting and responding to mands for cultural sensitivity emitted by clients. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
- Cox, D.J.** (May, 2013). Metaethics, behavior analysis, and the route to professionalization. Association for Behavior Analysis International (ABAI) Annual Convention. Minneapolis, MN.
- ***Cox, D.J.** (January, 2013). Differential negative reinforcement in treatment of severe aggression in an 11 year-old boy with autism. Association for Behavior Analysis International (ABAI) Annual Autism Conference. Portland, OR.
- Cox, D.J.** (May, 2012). Ethical decision making within applied behavior analysis. Association for Behavior Analysis International (ABAI) Annual Convention. Seattle, WA.
- Cox, D.J.**, & Gearhard, A.K. (April, 2011). Behaviorism: integrating disciplines within an interdisciplinary paradigm. Pacific Rim International Conference on Disabilities, Honolulu, HI.
- Cox, D.J.** (April, 2010). Evidenced based efficacy of the interdisciplinary intervention model. Pacific Rim International Conference on Disabilities, Honolulu, HI.
- ***Cox, D.J.** (April, 2010). Intellectual responsibilities of the interdisciplinary intervention therapists. Pacific Rim International Conference on Disabilities, Honolulu, HI.
- ***Cox, D.J.** (April, 2010). Parental involvement in behavioral therapy for children with autism: a manner for etiquette, ethics, regulation, or law? Pacific Rim International Conference on Disabilities. Honolulu, HI.
- Cox, D.J.** (May, 2009). The world is my classroom: an interdisciplinary approach to teaching play & leisure skills in asd. Pacific Rim International Conference on Disabilities. Honolulu, HI.

REGIONAL AND STATE PRESENTATIONS (*poster)

- ***Cox, D.J.**, & Dallery, J. (April, 2017). Human Risky and Impulsive Behavior in Positive- and Negative-Energy Budgets. Fifth Annual CARE Symposium. Gainesville, FL.
- ***Cox, D.J.**, & Dallery, J. (April, 2017). Quantifying the Influence of Multiple Outcomes on Discounting in Humans. Fifth Annual CARE Symposium. Gainesville, FL.
- *Bolivar, H., **Cox, D.J.**, Barlow, M.A., & Dallery, J. (April, 2017). Evaluating resurgence procedures in a human operant laboratory. Fifth Annual CARE Symposium. Gainesville, FL.
- Cox, D.J.** (September, 2016). Philosophical Premises for the BACB Ethics & Compliance Code. New Mexico Association for Behavior Analysis – Type II BACB CEUs. Albuquerque, NM.

- *Fernand, J.K., Bolivar, H.A., **Cox, D.J.**, Mathison, S.J., & Vollmer, T.R. (September, 2016). An analysis of the ethical infractions resolved by the BACB. Florida Association for Behavior Analysis Annual Conference. Fort Lauderdale, FL.
- ***Cox, D.J.** (April, 2015). Extending the Validity of Discounting Tasks Measuring Half Amounts. Third Annual CARE Symposium. Gainesville, FL.
- Cox, D.J.** (February, 2013). Cumulative Record of Free Operant Preference Assessment and Subsequent Reinforcer Rotation. CalABA Annual Western Regional Conference. Garden Grove, CA.
- Cox, D.J.** (May, 2011). Autism 101. Colorado Child & Adolescent Mental Health Conference. Denver, CO.

LOCAL PRESENTATIONS (*poster; **student mentee)

- **Miranda, M., Drabek, A., **Cox, D.J.**, & Dallery, J. (April, 2017). Further comparison of 5-trial adjusting probability and adjusting amount discounting tasks in humans. *University of Florida PGSO Undergraduate Research Forum*. Gainesville, FL.
- **Martinez, M., **Cox, D.J.**, & Dallery, J. (April, 2017). Observing behavioral contrast in humans. *University of Florida PGSO Undergraduate Research Forum*. Gainesville, FL.
- **Brandfon, H., Amanieh, H., Fernand, J.K., **Cox, D.J.**, & Dorey, N. (April, 2017). Any reward will do: Effects of reversed contingencies on size preference with pet dogs (*canis lupus familiaris*). *University of Florida PGSO Undergraduate Research Forum*. Gainesville, FL.
- **Lazaro, X.A., Fernand, J.K., **Cox, D.J.**, & Dorey, N. (April, 2017). Efficacy of edible and leisure reinforcers with domestic dogs. *University of Florida PGSO Undergraduate Research Forum*. Gainesville, FL.
- **Le Corre, J., **Cox, D.J.**, & Dallery, J. (April, 2017). Examining the influence of amount on the description-experience gap. *University of Florida PGSO Undergraduate Research Forum*. Gainesville, FL.
- Cox, D.J.** (July, 2014). Philosophical Premises for the Guidelines for Responsible Conduct for Behavior Analysts. STE Consultants, LLC – Type II BACB CEUS. Berkeley, CA.
- Cox, D.J.** (April, 2014). Resurgence: Experimental Clarification and Applied Strategies for Practitioner Avoidance Thereof. STE Consultants, LLC Type II BACB CEUS. Berkeley, CA.
- Cox, D.J.** (July, 2013). Current Best Practice in the Implementation of Functional Analyses. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
- Cox, D.J.** (June, 2013). Metaethics, Behavior Analysis, and the Route to Professionalization. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
- Cox, D.J.** (December, 2012). What is the Mechanism by Which Extinction Has its Effect? STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
- Cox, D.J.** (October, 2012). ABA Workshop for School Teachers & School Psychologists. San Lorenzo Unified School District. San Lorenzo, CA.
- Cox, D.J.** (August, 2012). Conditioned Reinforcement: The Old and the New/Varied^(?) Definition. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
- Cox, D.J.** (May, 2012). Applied Behavior Analysis and Autism Spectrum Disorders. Parents Helping Parents. Fremont, CA.
- Cox, D.J.** (February, 2012). On “Brains and Behaviour” and ABA. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
- Cox, D.J.** (September, 2011). An Overview of the “Questions About Behavioral Function” (QABF). Developmental Pathways Residential Facility. Denver, CO.
- Cox, D.J.** (December, 2009). A Smattering of Autism, Behavior, and the Community. Lafayette Public Library. Lafayette, Colorado.

EDITORIAL REVIEWER

Behavior and Philosophy

June 2016 – Present

BOARD OF REVIEWERS

Journal of Behavior

May 2016 – Present

AD HOC REVIEWER

Behavior Modification

Behavioural Processes
 Bentham Science Publishers
 Journal of Autism and Developmental Disorders

Journal of Behavior
 Journal of the Experimental Analysis of Behavior
 Journal of Interprofessional Care
 Journal of Medical Internet Research
 Preventive Medicine
 Translational Issues in Psychological Sciences

TEACHING EXPERIENCE

University of Florida: Gainesville, FL

August 2014 – Present

Instructor of Record

- PSY 2012: Introduction to Psychology

Graduate Teaching Assistant

- EAB 3002: Principles of Behavior Analysis
- EAB 3764: Applied Behavior Analysis
- EAB 4184: Behaviorism in Contemporary Society

National University: Rancho Cordova, CA.

August 2013 – August 2014

Faculty: BACB Approved Course Sequence in Applied Behavior Analysis

- ABA 601: Assessment in Applied Behavior Analysis
- ABA 604: Advance Applications of Applied Behavior Analysis – I
- ABA 605: Advanced Applications of Applied Behavior Analysis-II

University of Colorado Health and Sciences Center: Aurora, CO.

September 2010 – May 2013

Faculty: Small Group Facilitator

- Interprofessional Ethics Course I for Graduate Health Students.
- Interprofessional Ethics Course II for Graduate Health Students.

MENTORSHIP EXPERIENCE

University of Florida: Gainesville, FL

Aug 2015 – Aug 2016; Aug 2017 – Present

Undergraduate Psychology Advisor

Supervision of Student Research:

- Drabek, Austin (2016-2017). Further comparison of 5-trial and adjusting amount delay and probability discounting tasks of hypothetical monetary losses.
- Martinez, Monica (2016-2017). Examination of the use of multiple schedules to maintain intervention effects.
- Le Corre, Juliette (2016-2017). Examination of amount on the description-experience gap.
- Griffith, Emily V. (2016-2017). Comparative Quantity Discriminations in Domestic Dogs (*Canis lupus familiaris*) and Timber Wolves (*Canis lupus*). University of Florida.
 - Nominee for the University of Florida Scholar Award. March, 2016.
 - Recipient of the University Scholars Program Scholarship in Psychology Award.
- Bryant, Kaya. (2016). Senior Thesis: Exploring pet attachment among undergraduate students of varying cultural and ethnic backgrounds. University of Florida.
 - Matriculated to Tuskegee University School of Veterinary Medicine upon graduation.
- Winter, John. (2016). Senior Thesis: The Relative Efficacy of Edible and Leisure Reinforcers with Domestic Dogs. University of Florida.
 - Matriculated to Ohio State University Veterinary School upon graduation.

Supervision of Practicum Experience for Behavior Analyst Certification Board

- Johnson, Natasha. *Currently Supervising.*
- Sosine, Jacob. Board Certification Status obtained 11/30/2015.

CLINICAL EXPERIENCE

Behavior Health & Technology Research Clinic <i>Behavior Analyst; Director of Research</i>	February 2016 – Present
Behavior Change Institute: Oakland, CA <i>Consulting Clinical Specialist</i>	August 2015 – Present
Behavioral Learning Systems: Gainesville, FL <i>Consulting BCBA</i>	January 2015 – August 2015
STE Consultants, LLC: Berkeley, California. <i>Clinical Director,</i>	December 2011 – August 2014
Cox Behavioral Consulting, LLC: Denver, Colorado. <i>Owner & Clinical Director,</i>	October 2011 – December 2011
Creative Perspectives Inc., Autism Centers of Colorado: Denver, Colorado. <i>Assistant Clinical Director,</i>	December 2009 – November 2011
Creative Perspectives Inc., Autism Centers of Colorado: Denver, Colorado. <i>Autism Interventionist,</i>	July 2008 – December 2009
Southwest Autism Research and Resource Center, Phoenix, AZ. <i>Autism Habilitator,</i>	January 2007 – July 2008
Grupo de Apoyo Para Latinos con Autismos: Guadalupe, AZ. <i>Autism Interventionist,</i>	August 2006 – December 2006

VOLUNTEER SERVICE

Society for the Quantitative Analysis of Behavior <i>Board of Directors: Member At-Large</i>	May 2017 – Present
Multicultural Alliance of Behavior Analysts: ABAI Special Interest Group <i>Board of Directors: Student Representative</i>	October 2016 – July, 2017
Association for Psychological Science <i>Reviewer: Student Research Award</i>	March, 2016
Florida Children's Institute: Jacksonville, FL <i>Research Review Committee</i>	April 2015 – May, 2017
University of Florida Psychology Department Psychology Graduate Student Organization <i>President & Behavior Analysis Area Representative</i>	April 2015 – May, 2017
University of Florida Psychology Department Diversity Awareness & Affirmation Committee <i>Member</i>	September 2014 – May 2016
University of Florida Graduate Student Council <i>Psychology Department Representative</i>	September 2014 – May 2016
ABAI: Ethics and Behavior Analysis Special Interest Group <i>Founder & Member</i> <i>Current Position: Vice-President</i>	September 2012 – Present
STE Consultants: Leadership Committee <i>Member</i>	January 2014 – August 2014
STE Consultants Ethics Committee <i>Founder and Inaugural Chair</i>	November 2012 – August 2014
Creative Perspectives Ethics Committee <i>Founder and Inaugural Chair</i>	September 2010 – December 2011
Denver Community Bioethics Committee <i>Member</i>	June 2010 – March 2011
Big Brothers/Big Sisters of Arizona <i>Big Brother</i>	June 2007 - September 2007

ACTIVE MEMBERSHIPS

Animal Behavior Society

American Psychological Association

American Society of Bioethics and Humanities

Association for Behavior Analysis International

Ethics and Behavior Analysis SIG

Evidence Based Practice SIG

Teaching Behavior Analysis SIG

Association of Professional Behavior Analysts

Behavioral Economics Research Group

Society for the Quantitative Analysis of Behavior