

## **David J. Cox, Ph.D., M.S.B., BCBA-D**

Chief Data Officer  
Behavioral Health Center of Excellence  
7083 Hollywood Blvd #565  
Los Angeles, CA 90028

Faculty & Doctoral Advisor  
Institute for Behavioral Studies  
Endicott College  
376 Hale St; Beverly, MA 01915

### **BOARD CERTIFICATIONS**

*Board Certified Behavior Analyst-Doctoral (BCBA-D)*

Board examination passed September 27<sup>th</sup>, 2011

Doctoral designation received October 18<sup>th</sup>, 2019

### **EDUCATION**

Postdoctoral Research Fellowship, Johns Hopkins University School of Medicine (2020)

Areas of Specialization: Behavioral Economics, Computational Behavior Analysis,  
Behavioral Pharmacology

Postdoctoral Fellowship, Insight Data Science Fellows Program (2020)

Ph.D. Psychology, University of Florida (2018)

Area of Specialization: Behavior Analysis

M.S. Bioethics, Icahn School of Medicine & Union Graduate College (2010)

Area of Specialization: Clinical Ethics

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

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

Areas of Concentration: Mental Health and Personality

### **ACADEMIC APPOINTMENTS**

Endicott College: Beverly, MA

January 2019 – present

*Adjunct Faculty & Doctoral Advisor; Behavior Analysis  
Institute for Behavioral Studies*

Johns Hopkins University: Baltimore, MD

July 2018 – April 2020

*Postdoctoral Research Fellow  
Behavioral Pharmacology Research Unit,  
Department of Psychiatry and Behavioral Sciences  
School of Medicine*

### **MAJOR RESEARCH INTERESTS**

- human laboratory studies on choice, preference, and decision making;
- mathematical and computational models of respondent and operant behavior;
- behavioral data science and artificial intelligence
- naturalistic approaches to ethical behavior;
- interaction of verbal and non-verbal behavioral contingencies;

**PEER REVIEWED PUBLICATIONS**(\*student/mentee at time of writing)**Published/In Press/Accepted**

39. **Cox, D.J.**, \*Castillo, V., & \*Marya, V. (*accepted*). Ethical principles and values guiding modern scientific research. In **D.J. Cox**, M.T. Brodhead, & S.P. Quigley (Eds.) *Research Ethics in Behavior Analysis: From Laboratory to Clinic and Classroom*. Academic Press: Cambridge, MA.
38. Vladescu, J., Breeman, S.L., **Cox, D.J.**, & Drevon, D.D. (*accepted*). What's the big IDEA?: A preliminary investigation of behavior analysts' training in and knowledge of federal special education law. *Behavior Analysis in Practice*.
37. \*Marya, V.G., \*Castillo, V.D., & **Cox, D.J.** (*accepted*). Ethical decision-making and evidenced-based practices. J. Leaf, J. Cihon, J.L. Ferguson, & M.J. Weiss (Eds.), *Handbook of Applied Behavior Analysis Interventions for Autism*. Springer Nature: New York, NY.
36. **Cox, D.J.**, Klapes, B., & Falligant, J.M. (*in press*). Scaling *N* from 1 to 1,000,000: Application of the generalized matching law to big data contexts. *Perspectives on Behavior Science*. doi: 10.1007/s40614-021-00298-8
35. M.W. Johnson, Strickland, J.C., Herrmann, E.S., Dolan, S.B., **Cox, D.J.**, & Berry, M.S. (*in press*). Sexual discounting: A systematic review of discounting processes and sexual behavior. *Experimental & Clinical Psychopharmacology*. doi:10.1037/pha0000402
34. **Cox, D.J.**, Losee, J.E., & Webster, G.D. (2022). Discounting under severe weather threat. *Weather, Climate, and Society*, 14(1), 65-79. doi: 10.1175/WCAS-D-20-0178.1
33. Naudé, G.P., Dolan, S.B., Strickland, J.C., Berry, M.S., **Cox, D.J.**, & Johnson, M.W. (2021). The influence of episodic future thinking and graphic warning labels on delay discounting and cigarette demand. *International Journal of Environmental Research and Public Health*, 18(23), 12637. doi: 10.3390/ijerph182312637
32. **Cox, D.J.**, Garcia-Romeu, A., & Johnson, M.W. (2021). Predicting behavior-altering psychedelic experiences: Natural Language Processing of psychedelic session narratives. *American Journal of Drug & Alcohol Abuse*, 47(4), 444-454. doi:10.1080/00952990.2021.1910830
31. Wongsomboon, V., & **Cox, D.J.** (2021). Sexual arousal discounting: Devaluing condom-protected sex as a function of reduced arousal. *Archives of Sexual Behavior*, 50, 2717-2728. doi:10.1007/s10508-020-01907-4
30. **Cox, D.J.**, & Brodhead, M.T. (2021). A proof of concept analysis of decision-making with time-series data. *The Psychological Record*, 71, 349-366. doi:10.1007/s40732-020-00451-w
29. **Cox, D.J.**, & Johnson, M.W. (2021). Verbal behavior related to drug reinforcement in polysubstance cannabis users: Comparison across drugs. *Experimental & Clinical Psychopharmacology*. doi:10.1037/pha0000404
28. **Cox, D.J.** (2021). Descriptive and normative ethical behavior appear to be functionally distinct. *Journal of Applied Behavior Analysis*, 54(1), 168-191. doi:10.1002/jaba.761

27. Tierney, W., Hardy, J. H., III., Ebersole, C., Viganola, D., Clemente, E., Gordon, M., Hoogeveen, S., Haaf, J., Dreber, A.A., Johannesson, M., Pfeiffer, T., Chapman, H., Gantman, A., Vanaman, M., DeMarree, K., Igou, E., Wylie, J., Storbeck J., Andreychik, M.R., McPhetres, J., Vaughn, L.A., Culture and Work Forecasting Collaboration, & Uhlmann, E. L. (2021). A creative destruction approach to replication: Implicit work and sex morality across cultures. *Journal of Experimental Social Psychology*. [*Member of forecasting collaboration*], 93, 104060. doi:10.1016/j.jesp.2020.104060
26. **Cox, D.J.** (2020). A guide to establishing ethics committees. *Behavior Analysis in Practice*, 13(4), 939-949. doi:10.1007/s40617-020-00455-6
25. \*Marano, K., Vladescu, J., Reeve, K., Sidener, T., & **Cox, D.J.** (2020). A review of the literature on staff training strategies that minimize trainer involvement. *Behavioral Interventions*, 35(4), 604-641. doi:10.1002/bin.1727
24. **Cox, D.J.**, Brodhead, M.T., & Plavnick, J. (2020). A proposed process for risk mitigation during the COVID-19 pandemic. *Behavior Analysis in Practice*, 13(2), 299-305. doi:10.1007/s40617-020-00430-1
23. Białaszek, W., Marcowski, P., & **Cox, D.J.** (2020). Comparison of multiplicative and additive hyperbolic and hyperboloid discounting models in delayed lotteries involving gains and losses. *PLoS ONE*, 15(5), e0233337. doi:10.1371/journal.pone.0233337
22. Garcia-Romeu, A., **Cox, D.J.**, Smith, K.E., Dunn, K.E., & Griffiths, R.R. (2020). Kratom (*Mitragyna speciosa*): User demographics, use patterns, and implications for the opioid epidemic. *Drug and Alcohol Dependence*, 208, 107849. doi:10.1016/j.drugalcdep.2020.107849
21. **Cox, D.J.**, Dolan, S.B., Johnson, P, Johnson, M.W. (2020). Delay and probability discounting in cocaine use disorder: Comprehensive examination of money, cocaine, and health outcomes using gains and losses at multiple magnitudes. *Experimental and Clinical Psychopharmacology*, 28(6), 724-738. doi:10.1037/pha0000341
20. **Cox, D.J.** (2019). The many functions of quantitative modeling. *Computational Brain & Behavior*, 2(3-4), 166-169. doi:10.1007/s42113-019-00048-9
19. Barlow, M.A., Villegas, A., & **Cox, D.J.** (2019). Still lost in translation. *Intellectual and Developmental Disabilities*, 57, 339-340. doi:10.1352/1934-9556-57.4.339
18. Brodhead, M.T., Truckenmiller, A.J., **Cox, D.J.**, Della Sala, M.R., Yough, M., & Hartzheim, D.U. (2019). A multidisciplinary replication of Upper's (1974) unsuccessful self-treatment of writer's block. *Behavior Analysis in Practice*, 12, 547-547. doi:10.1007/s40617-018-00290-w
17. **Cox, D.J.** (2019). Ethical considerations in interdisciplinary treatments. In R.D. Rieske (Ed.), *Handbook of Interdisciplinary Treatments for Autism Spectrum Disorder* (pp. 49-61). Springer Publishing.
16. Quigley, S.P., Blevins, P.R., **Cox, D.J.**, Brodhead, M.T., & Kim, S. Y. (2019). An evaluation of explicit ethical statements in telehealth research with individuals with Autism Spectrum Disorders. *Behavior Analysis: Research & Practice*, 19, 123-135. doi:10.1037/bar0000094

15. **Cox, D.J.**, Bolívar, H., & Barlow, M.A. (2019). Multiple control responses and resurgence of human behavior. *Behavioural Processes*, 159, 93-99. doi:10.1013/j.beproc.2018.12.003
14. **Cox, D.J.**, & Dallery, J. (2018). Verbal behavior and risky choice in humans: Exploring the boundaries of the description-experience gap. *Behavioural Processes*, 157, 301-308. doi:10.1016/j.beproc.2018.09.002
13. Fernand, J.K., \*Amanieh, H., **Cox, D.J.**, & Dorey, N.R. (2018). Any reward will do: Effects of reversed contingencies on size preference with pet dogs (*Canis lupus familiaris*). *Learning & Behavior*, 46, 472-478. doi:10.3758/s13420-018-0343-0
12. Dorey, N.R., & **Cox, D.J.** (2018). Function matters: A review of terminological differences in applied and basic clicker training research. *PeerJ*. doi:10.7717/peerj.5621
11. **Cox, D.J.**, Villegas, A., & Barlow, M.A. (2018). Lost in translation: A reply to Shyman (2016). *Intellectual and Developmental Disabilities*, 56, 278-286. doi:10.1352/1934-9556-56.5.278
10. \*Miranda, M., \*Drabek, A., & **Cox, D.J.** (2018). Further comparison of 5-trial adjusting delay and probability tasks over a wide range of amounts. *Behavioural Processes*, 157, 7-10. doi:10.1016/beproc.2018.08.004
9. **Cox, D.J.**, & Dallery, J. (2018). Influence of second outcome on monetary discounting. *Behavioural Processes*, 153, 84-91. doi:10.1016/j.beproc.2018.05.012
8. Brodhead, M.T., Quigley, S.P., & **Cox, D.J.** (2018). How to identify ethical practices in organizations prior to employment. *Behavior Analysis in Practice*, 11, 165-173. doi:10.1007/s40617-018-0235-y
7. 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.2017.05.004
6. **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
5. 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
4. **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
3. **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
2. **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.

1. **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

### In Review

- \*Suarez, V.D., \*Marya, V., Weiss, M.J., **Cox, D.J.** (*in review*). Examination of ethical decision making models across disciplines: Common elements and application to the field of behavior analysis. *Behavior Analysis in Practice*.
- Anderson, M.A.B., **Cox, D.J.**, & Dallery, J. (*in review*). Effects of economic context and reward amount on delay and probability discounting. *Journal of the Experimental Analysis of Behavior*.
- Laureano, B., DeLeon, I.G., & **Cox, D.J.** (*in review*). Prior exposure to extinction attenuates, but does not eliminate, resurgence: A human operant evaluation. *Behavioural Processes*.
- \*Sosine, J., & **Cox, D.J.** (*in review*). Natural language processing to identify trends and gaps in the published science of behavior analysis. *The Analysis of Verbal Behavior*.
- \*Marshall, K.B., **Cox, D.J.**, & Weiss, M.J. (*in review*). The effectiveness of conceptual instruction in teaching a behavior analytic worldview. *Perspectives on Behavior Science*.
- \*Marano-Frezza, K. E., Vladescu, J. C., Reeve, K. F., Sidener, T. M., & **Cox, D. J.** (*in review*). Training staff to create equivalence-based instruction materials in Qualtrics. *The Psychological Record*.

### In Revision

- Cox, D.J.**, & Johnson, M.J. (*in revision*). Discounting: A practical guide to unsupervised machine learning of indifference data. *Journal of the Experimental Analysis of Behavior*.
- Cox, D.J.**, & Johnson, M.J. (*in revision*). How many types of discounting? Answers from quantitative and machine learning analyses. *Journal of the Experimental Analysis of Behavior*.

### In-Preparation from Completed Data Sets (\*student, ^invited)

- Cox, D.J.**, Kazemi, E., & Gershfeld-Litvak, S. (*in prep*). Considerations for storing outcome data. *Behavior Analysis in Practice*.
- ^**Cox, D.J.** (*in prep*). Data recording and analysis. In J.K. Luiselli (Ed.) *Applied Behavior Analysis Advanced Guidebook: A Manual for Professional Practice: Second Edition*. Academic Press: Beverly, MA.
- ^**Cox, D.J.** (*in prep*). Reinforcement learning in artificial intelligence and behavior science. In D. Crone-Todd, T.V.J. Layng, & D.A. Hantula (Eds.) *Behavior Science and Digital Technologies*. Academic Press: Beverly, MA.
- Syed, N., **Cox, D.J.**, & Dietrich, R. (*in prep*). Analysis of action items in organizational diversity statements following the death of Mr. George Floyd.

\*Aciu, J.L., **Cox, D.J.**, & Vladescu, J.C. (*in prep*). Statistics in behavior analysis journals: A scoping review and analysis. *Journal of Applied Behavior Analysis*.

\*Rosales, M.K., & **Cox, D.J.** (*in prep*). Dynamic state variable models and professional basketball. *Perspectives on Behavior Science*.

## BOOKS

**Cox, D.J.** (2023). Individual Ethical Behavior: Theory, Research, and Application. Springer Publishing. [*under contract*]

**Cox, D.J.**, & Vladescu, J. (2022). Statistics for ABA Practitioners and Researchers. Elsevier Inc.: Cambridge, MA. [*under contract*]

**Cox, D.J.**, Brodhead, M.T., & Quigley, S.P. (2022). Research Ethics in Behavior Analysis: From Laboratory to Clinic and Classroom. Academic Press: Cambridge, MA. [*under contract*]

Brodhead, M.T., **Cox, D.J.**, & Quigley, S.P. (2022). Practical ethics for effective treatment of Autism Spectrum Disorder: Second Edition. Elsevier Inc.: Cambridge, MA. [*under contract*]

Brodhead, M.T., **Cox, D.J.**, & Quigley, S.P. (2018). Practical ethics for effective treatment of Autism Spectrum Disorder. Elsevier Inc.: Cambridge, MA. ISBN:9780128140987

## RESEARCH SUPPORT

### External – Funded (Total: \$565,258)

FRDF at Western University. Web-Based Relational Training. P.I. Malkin, A. Role: Consultant. \$5,000.

NIH/NIDA. Human Behavioral Pharmacology and Substance Abuse. Award ID: 5T32DA007209-36. P.I. Bigelow, G.E. Role: Postdoctoral Research Fellow. \$145,296.

National Science Foundation. Extreme Weather Events and Individual Differences in Threat Perception and Behavior. Award ID: 1635943. PI: Webster, G.W. Role: Graduate Researcher. \$414,962.

### External – Applied, Not Funded (Total: \$1,971,229)

National Science Foundation. Leveraging Virtual Reality and Behavioral Science in an Anti-WEIRD Search for Universal Principles of Culture. PIs: Silbaugh, B; Quarles, J. Role: Consultant. \$497,925

National Institute of Health. Greenwashing cigarettes: Perceptual and behavioral evidence of inaccurate modified risk advertising. Application Number: 1R01DA049814-01. PIs: Johnson, MW; Moran, MB. Role: Postdoctoral Researcher. \$1,473,750

Greenwall Foundation. Development and Evaluation of an Ethical Decision-Making Model within the Practice of Behavior Analysis. PIs: Graber, A; & Luiselli, J. Role: Consultant. \$300,000.

Russell Sage Foundation Behavioral Economics Small Awards Program. Human impulsive and risky choice in positive- and negative-earning budgets. PI: Dallery, J. Co-PI: **Cox, D.J.** \$4,000.

**HONORS AND AWARDS** (Total: \$4,850)

National Institute on Alcohol Abuse and Alcoholism APA Travel Award (2019). \$750

Psychology Pioneer Award (2017). \$1000

*Conferred annually to recognize outstanding academic performance and promise in the conduct of research in the science of psychology.*

Gerber Behavior Analysis Psychology Research Award (2017). \$1000

*Conferred annually upon a doctoral student in recognition of outstanding merit in contributing to the area of Behavior Analysis.*

University of Florida Graduate Student Council Travel Grant (2017). \$350

University of Florida Center for Addiction Research & Education Travel Award (2017). \$500

University of Florida College of Liberal Arts & Sciences Travel Award (2016). \$250

University of Florida Psychology Department Travel Award (2016). \$500

University of Florida Psychology Department Travel Award (2015). \$500

**PUBLISHED OPEN SOURCE CODE**

**Cox, D.J.** (2020). Man-vs-machine. Combining behavior science and data science to predict and control behavior. <https://doi.org/10.5281/zenodo.4587677>

**Cox, D.J.** (2019). Natural language processing for the book *Verbal Behavior: Exploratory analyses*. [Source Code]. [https://github.com/davidjcox333/NLP\\_for\\_VerbalBehavior](https://github.com/davidjcox333/NLP_for_VerbalBehavior)

**Cox, D.J.** (2019). How many types of discounting: Unsupervised machine learning python script. (Version 0.0.1) [Source code]. <https://doi.org/10.5281/zenodo.256915>

**Cox, D.J.** (2017). Description vs. experience visual basic source code (Version 1.0.0) [Source code]. <https://doi.org/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>.

**INVITED TALKS**

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|------|--|
| 2021 | Central Reach Unite Annual Conference for ABA Therapy Providers<br>Title: <i>Collecting and Measuring Aggregate Clinical Data</i>                                |
| 2021 | BABAT: Massachusetts Professionals in Behavior Analysis<br>Title: <i>Natural Language Processing: Quantitative and Computational Analyses of Verbal Behavior</i> |
| 2021 | Convergence of Human, Animal Training, and Technology Conference<br>Title: <i>Machine Learning and the Profession of Applied Behavior Analysis</i>               |
| 2021 | Centria Provider Continuing Education Events<br>Title: <i>Foundations of Ethical Theories &amp; Decision-Making</i>  |

- 2020 Student Association for Applied Behavior Analysis  
Title: *Substance Use Treatment and Behavior Analysis*
- 2020 Michigan State University College of Education  
Title: *Discounting and Applied Behavior Analysis*
- 2020 Technology, Artificial Intelligence, and Applied Behavior Analysis Conference  
Title: *Artificial Intelligence & ABA*
- 2020 GuideWell TechCon  
Title: *Behavioral Data Science: Scope and Function*
- 2020 8<sup>th</sup> Annual Ethics in Professional Practice Conference  
Title: *Moral Philosophy, Ethical Theories, and Applied Ethics*
- 2020 Georgia State University College of Education and Human Development  
Title: *Ethics and Applied Behavior Analysis*
- 2020 4<sup>th</sup> Annual Behavior Analyst Leadership Council Annual Conference  
Title: *Big data and ABA: Possibilities and Ethical Use*
- 2019 Michigan State University College of Education  
Title: *Discounting: How, What, and Why?*
- 2019 Kadiant; Continuing Education Expert Speaker Series  
Title: *Understanding Contingencies in Interdisciplinary Collaboration*
- 2019 Kadiant; Continuing Education Expert Speaker Series  
Title: *Ethical Decision-Making in Daily Practice*
- 2019 Nevada Association for Behavior Analysis (NABA)  
Title: *Behavior Analysts as the Ultimate Team Player: Understanding Contingencies in Interdisciplinary Collaboration*
- 2019 Kadiant; BACB Type II CEU Event  
Title: *A Guide to Establishing Ethics Committees*
- 2019 Kadiant; BACB Type II CEU Event  
Title: *Scope of Competence in Applied Behavior Analysis*
- 2019 University of Oklahoma; Summer Speaker Series  
Title: *Applied Behavior Analysis in Substance Abuse & Health Behavior*
- 2019 Association for Behavior Analysis International Annual Convention  
Title: *Navigating Dual Relationships in Graduate School & Ethical Considerations.*
- 2019 Melmark Pennsylvania; BACB Type II CEU Event  
Title: *Exploring Ethical Decision-Making*
- 2019 SPG Behavior Intervention Services; BACB Type II CEU Event  
Title: *Ethics & Interdisciplinary Collaboration in ABA*
- 2018 Van Loan School at Endicott College  
Title: *A Primer on Behavioral Pharmacology*



- 2018 Van Loan School at Endicott College  
Title: *Quantitative Analyses and Applied Behavior Analysis*
- 2018 Michigan State University College of Education  
Title: *Discounting: What it is and why we care.*
- 2018 National Institute on Drug Abuse; Clinical Pharmacology & Therapeutics Research Branch  
Title: *Discounting Multiple Delayed and Probabilistic Outcomes*
- 2018 Annual Michigan Autism Conference; BCAB Type II CEU Event  
Title: *Practical Ethics for Effective Treatment of ASD*
- 2018 Annual Michigan Autism Conference; BACB Type II CEU Event  
Title: *Clinical Decision Making in ABA*
- 2018 Florida Governor's Hurricane Conference  
Title: *Severe Weather & Decision Making*
- 2017 Michigan State University College of Education  
Title: *Application of Matching Law to Naturally Occurring Behavior*

#### INTERNATIONAL & NATIONAL PRESENTATIONS (^invited talk, \*poster, `student/mentee)

72. **Cox, D.J.**, Morford, Z.H., Sosine, J., & Gnikobou, C. (May, 2022). A machine learning analysis of ABA service delivery characteristics that predict improved patient outcomes. Association for Behavior Analysis International 48<sup>th</sup> Annual Convention. Boston, MA.
71. **Cox, D.J.** (May, 2022). Applications of signal detection theory to visual analysis of functional analyses. Association for Behavior Analysis International 48<sup>th</sup> Annual Convention. Boston, MA. [Discussant]
70. Kinsella, A., Suarez, V., Marya, V., Weiss, M.J., & **Cox, D.J.** (May, 2022). A systematic review of ethical decision-making models for clinical and educational settings. Association for Behavior Analysis International 48<sup>th</sup> Annual Convention. Boston, MA.
69. **Cox, D.J.** (May, 2022). A multidisciplinary approach to data science. Association for Behavior Analysis International 48<sup>th</sup> Annual Convention. Boston, MA. [Professional Development Series]
68. ^**Cox, D.J.** (June, 2021). Machine learning and the profession of Applied Behavior Analysis. Convergence of Human, Animal Training, and Technology Conference. Virtual Conference.
67. \***Cox, D.J.** (May, 2021). Reinforcement learning (of the machine learning kind) to predict the next response. Society for the Quantitative Analyses of Behavior 43<sup>rd</sup> Annual Meeting. Virtual Conference.
66. **Cox, D.J.**, Klapes, B., & Falligant, J. M. (May, 2021). Using machine learning to predict the next response: One approach to a dynamic unified model of behavior. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.

65. Rosales, M. K., & **Cox, D.J.** (May, 2021). Identifying the optimal temporal window to analyze behavior measured in nonlaboratory contexts. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
64. Sosine, J., & **Cox, D.J.** (May, 2021). Natural language processing to identify trends and gaps in the published science of behavior analysis. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
63. **Cox, D.J.** (May, 2021). Behavioral data science: Novel questions and applications for behavior analysts. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA. [Symposium Chair]
62. Patterson, I.S., Kazaoka, K., Seniuk, H., Cihon, T., Malkin, A., **Cox, D.J.**, & Hines, K. (May, 2021). To Change We Must Understand: A Culturo-Behavior Systems Analysis of Police Practices. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
61. **Cox, D.J.**, Malkin, A., Seniuk, H., Cihon, T., Kazaoka, K., Patterson, I.S., Hines, K. (May, 2021). To Change We Must Understand: A Behavioral Data Science Analysis of Police Practices. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
60. Gershfeld-Litvak, S., **Cox, D.J.**, Cottengim, M., & Kazemi, E. (May, 2021). Impact of COVID on ABA practitioner job satisfaction and perceived care quality. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
59. Cottengim, M., Gershfeld-Litvak, S., **Cox, D.J.**, & Kazemi, E. (May, 2021). Staff satisfaction surveys: A multi-organizational analysis of quality assurance data. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
58. Friddle, P. M., Gershfeld-Litvak, S., **Cox, D.J.**, & Kazemi, E. (May, 2021). Patient satisfaction as a quality assurance metric: What it does and doesn't tell us. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
57. Page, S., Gershfeld-Litvak, S., **Cox, D.J.**, & Kazemi, E. (May, 2021). Organizational outcome data: Don't I already do that? Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
56. Williams, N., Gershfeld-Litvak, S., **Cox, D.J.**, & Kazemi, E. (May, 2021). A multimodal approach to measuring quality assurance. Association for Behavior Analysis International (ABAI) 47<sup>th</sup> Annual Convention. San Francisco, CA.
55. Syed, N.Y., **Cox, D.J.**, & Detrich, R. (May, 2021). The ABA field responds to calls for increased diversity and equity: Ana analysis of our current standing and the path forward. Association for Behavior Analysis International (ABAO) 47<sup>th</sup> Annual Convention. San Francisco, CA.
54. **Cox, D.J.** (March, 2021). Beyond the client binder: Thinking bigger about data in ABA. Behavioral Health Center of Excellence Continuing Education Webinar Series. Los Angeles, CA.

53. \***Cox, D.J.**, Malkin, A., Seniuk, H.A., Cihon, T., `Kazaoka, K., `Paterson, I.S., & Hine, K. (October, 2020). Understanding policing part II: A quantitative analysis. Association for Behavior Analysis International Culturo-Behavior Science for a Better World. New Orleans, LA. doi:10.13140/RG.2.2.26351.46243. Video summary: <https://youtu.be/IyAFJo7gAE>
52. `Paterson, I.S., `Kazaoka, K., Seniuk, H.A., Cihon, T., Malkin, A., **Cox, D.J.**, & Hine, K. (October, 2020). Understanding policing part I: A culture-behavior systems analysis. Association for Behavior Analysis International Culturo-Behavior Science for a Better World. New Orleans, LA.
51. **Cox, D.J.**, & Johnson, M.W. (August, 2020). Health messaging and cannabis co-consumption with alcohol and tobacco. American Psychological Association (APA) Annual Convention. Washington, D.C.
50. Lee, D.C., **Cox, D.J.**, Vandrey, R.G. (June, 2020). Characteristics of cigarette use among adults enrolled in treatment for cannabis use disorder. The College on Problems of Drug Dependence (CPDD) 82<sup>nd</sup> Annual Scientific Meeting. Hollywood, FL.
49. Johnson, M.W., Dolan, S.B., **Cox, D.J.**, Strickland, J.C., & Berry, M.S. (May, 2020). Reduced-nicotine cigarettes: Behavioral-economics of operant reinforcement. Association for Behavior Analysis International (ABAI) Annual Convention. Washington D.C.
48. **Cox, D.J.**, Quigley, S.P., & Brodhead, M.T. (May, 2020). Evaluations of ethical perceptions in Applied Behavior Analysis. Association for Behavior Analysis International (ABAI) Annual Convention. Washington D.C. (*forthcoming*)
47. White, A.N., Brodhead, M.T., & **Cox, D.J.** (May, 2020). Visual analysis with dynamic data sets and changing data accuracy. Association for Behavior Analysis International (ABAI) Annual Convention. Washington D.C. (*forthcoming*)
46. ^**Cox, D.J.** (October, 2019). Understanding contingencies in interdisciplinary collaboration. Radiant Continuing Education Expert Speaker Series. Atlanta, GA.
45. ^**Cox, D.J.** (October, 2019). Ethical decision-making: Theory, research, and practice. Radiant Continuing Education Expert Speaker Series. Atlanta, GA.
44. Dolan, S.B., Weiger, C, **Cox, D.J.**, Johnson, M.W., & Moran, M.B. (October, 2019). Novel tobacco advertisement methods make cigarettes more inelastic in young smokers. Tobacco Regulatory Science Meeting. Washington, DC.
43. ^**Cox, D.J.** (August, 2019). Scope of competence in Applied Behavior Analysis. Radiant CEU Event. Walnut Creek, CA.
42. **Cox, D.J.**, Garcia-Romeu, A., Davis, A.K., Griffiths, R.R., & Johnson, M.W. (August, 2019). Psychedelic assisted addiction recovery: Using machine learning to understand who might benefit and why. American Psychological Association (APA) Annual Convention. Chicago, IL.
41. **Cox, D.J.**, Dolan, S.B., Johnson, P.S., & Johnson, M.W. (August, 2019). A comprehensive examination of delay and probability discounting processes in cocaine use. American Psychological Association (APA) Annual Convention. Chicago, IL.

40. **Cox, D.J.**, Dolan, S.B., Johnson, P.S., & Johnson, M.W. (June, 2019). Gain and loss discounting of money, cocaine, and health outcomes in current and never-before cocaine users. The College on Problems of Drug Dependence (CPDD) 81<sup>st</sup> Annual Scientific Meeting. San Antonio, TX.
39. Johnson, M.W., Dolan, S.B., Berry, M.S., & **Cox, D.J.** (June, 2019). Reduced-nicotine cigarettes: Behavioral-economics of operant reinforcement. The College on Problems of Drug Dependence (CPDD) 81<sup>st</sup> Annual Scientific Meeting. San Antonio, TX.
38. ^**Cox, D.J.** (May, 2019). Supplementing clinical intelligence with artificial intelligence. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
37. **Cox, D.J.**, Dolan, S.D., Griffiths, R.R., & Johnson, M.W. (May, 2019). Psilocybin and social behavior. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
36. \***Cox, D.J.**, Johnson, P.S., & Johnson, M.W. (May, 2019). Using quantitative models and machine learning to describe discounting across amounts, signs, and commodities. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
35. Wongsomboon, V., & **Cox, D.J.** (May, 2019). Sexual “arousal” discounting: Devaluation of condom-protected sex as a function of reduced arousal. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
34. Barlow, M.A., **Cox, D.J.**, & Dallery, J. (May, 2019). Effects of economic context on discounting. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
33. **Cox, D.J.** (May, 2019). Symposium Chair. Advances in discounting methods, understanding, and analytic techniques. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
32. ^**Cox, D.J.** (May, 2019). Navigating dual relationships in graduate school and ethical considerations. Association for Behavior Analysis International (ABAI) Annual Convention. Chicago, IL.
31. \***Cox, D.J.**, Johnson, P.S., & Johnson, M.W. (May, 2019). Quantitative and machine-learning attempts to describe discounting across multiple tasks with a single equation. Society for the Quantitative Analyses of Behavior (SQAB) Annual Convention. Chicago, IL.
30. \***Cox, D.J.**, Dolan, S.D., Berry, M.S., & Johnson, M.W. (February, 2019). Independent and combined influence of episodic future thinking and graphic warning labels on discounting and hypothetical cigarette purchasing. Society for Research on Nicotine and Tobacco (SRNT) Annual Meeting. San Francisco, CA.
29. \*Dolan, S.D., Berry, M.S., **Cox, D.J.**, & Johnson, M.W. (February, 2019). Abuse liability of reduced-nicotine content cigarettes: A behavioral economic analysis. Society for Research on Nicotine and Tobacco (SRNT) Annual Meeting. San Francisco, CA.
28. Laureano, B., **Cox, D.J.**, & DeLeon, I.G. (May, 2018). Evaluating the role of extinction in a human operant model of resurgence. Association for Behavior Analysis International (ABAI) Annual Convention. San Diego, CA.

27. Bolivar, H., **Cox, D.J.**, & Dallery, J. (May, 2018). Effects of instructions and dense versus lean alternative reinforcement on resurgence. Association for Behavior Analysis International (ABAI) Annual Convention. San Diego, CA.
26. \*Barlow, M.A., **Cox, D.J.**, & Dallery, J. (May, 2018). Effects of relative magnitude in probability discounting. Association for Behavior Analysis International (ABAI) Annual Convention. San Diego, CA.
25. \*Wongsomboon, V., & **Cox, D.J.** (March, 2018). Your pleasure does matter: Devaluation of safe sex as a function of reduced partner arousal by condom use. Society of Personality and Social Psychology (SPSP) Annual Conference. Atlanta, GA.
24. **Cox, D.J.**, & Dallery, J. (May, 2017). Verbal behavior and risky choice in humans. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.
23. 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.
22. **Cox, D.J.** (May, 2017). Symposium Chair. 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.
21. **Cox, D.J.** (May, 2017). Python, Big Data, & Behavior Analysis. Association for Behavior Analysis International (ABAI) Annual Convention. Denver, CO.
20. \*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.
19. \*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.
18. `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*). 24<sup>th</sup> International Conference on Comparative Cognition. Melbourne Beach, FL. doi:10.13140/RG.2.2.22284.36487
17. 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.
16. \*Losee, J.E., & **Cox, D.J.** (November, 2016). Discounting the threat of a hurricane. Society for Judgment and Decision Making Annual Conference. Boston, MA.
15. **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.

14. \*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.
13. \*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.
12. \*Losee, J., & **Cox, D.J.** (November, 2015). Discounting and decision making under hurricane threat. Society for Judgment and Decision Making Annual Conference. Chicago, IL.
11. **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.
10. \***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.
9. **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.
8. **Cox, D.J.** (May, 2013). Metaethics, behavior analysis, and the route to professionalization. Association for Behavior Analysis International (ABAI) Annual Convention. Minneapolis, MN.
7. \***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.
6. **Cox, D.J.** (May, 2012). Ethical decision making within applied behavior analysis. Association for Behavior Analysis International (ABAI) Annual Convention. Seattle, WA.
5. **Cox, D.J.**, & Gearhard, A.K. (April, 2011). Behaviorism: integrating disciplines within an interdisciplinary paradigm. Pacific Rim International Conference on Disabilities, Honolulu, HI.
4. **Cox, D.J.** (April, 2010). Evidenced based efficacy of the interdisciplinary intervention model. Pacific Rim International Conference on Disabilities, Honolulu, HI.
3. \***Cox, D.J.** (April, 2010). Intellectual responsibilities of the interdisciplinary intervention therapists. Pacific Rim International Conference on Disabilities, Honolulu, HI.
2. \***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.
1. **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 (^invited talk, \*poster, `student)

41. Bolívar, H. A., **Cox, D. J.**, & Powell, D. N. (April, 2022). Tweets about online instruction during the first year of COVID-19. Midwestern Psychological Association 94<sup>th</sup> Annual Conference. Chicago, IL.
40. Morford, Z., **Cox, D.J.**, Sosine, J., & Gnikobou, C. (March, 2022). Using supervised machine learning to predict turnover in ABA organizations. Annual CalABA Conference. Santa Clara, CA.
39. Sosine, J., **Cox, D.J.**, Morford, Z., & Gnikobou, C. (March, 2022). Analyzing open-text verbal behavior at scale. Annual CalABA Conference. Santa Clara, CA.
38. Gnikobou, C., **Cox, D.J.**, Sosine, J., & Morford, Z. (March, 2022). Analyzing, improving, and using satisfaction survey data. Annual CalABA Conference. Santa Clara, CA.
37. **Cox, D.J.** (March, 2022). Big data analytics in ABA. Symposium Chair. Annual CalABA Conference. Santa Clara, CA.
36. Milyko, K., **Cox, D.J.**, Rodriguez, K., & Heering, P. (October, 2021). Collecting and measuring aggregate clinical data. CentralReach Annual Conference for ABA Therapy Providers. Virtual Conference.
35. ‘Laureano, B., ‘Talhelm, P.L., DeLeon, I., & **Cox, D.J.** (October, 2021). Are points enough in human laboratory research? 41<sup>st</sup> Annual Convention of the Florida Association for Behavior Analysis. Aventura, FL.
34. Gershfeld Litvak, S., Williams, N., **Cox, D.J.**, & Kazemi, E. (October, 2021). A multimodal approach to measuring quality assurance. 41<sup>st</sup> Annual Meeting of the Florida Association for Behavior Analysis. Miami, FL.
33. Page, S., **Cox, D.J.**, Gershfeld Litvak, S., & Kazemi, E. (October, 2021). Organizational outcome data: Don’t I already do that? 41<sup>st</sup> Annual Meeting of the Florida Association for Behavior Analysis. Miami, FL.
32. Friddle, P.M., **Cox, D.J.**, Gershfeld Litvak, S., & Kazemi, E. (October, 2021). Patient satisfaction as a quality assurance metric: What it does and doesn’t tell us. 41<sup>st</sup> Annual Meeting of the Florida Association for Behavior Analysis. Miami, FL.
31. Cottengim, M., Kazemi, E., **Cox, D.J.**, & Gershfeld Litvak, S. (October, 2021). Staff satisfaction surveys: A multi-organization analysis of quality assurance data. 41<sup>st</sup> Annual Meeting of the Florida Association for Behavior Analysis. Miami, FL.
30. Kazemi, E., & **Cox, D.J.** (September, 2021). Assessment tools for individuals with Autism Spectrum Disorders (ASD): Choosing the right tool and deriving organization outcomes. 41<sup>st</sup> Annual Meeting of the Florida Association for Behavior Analysis. Miami, FL.
29. **Cox, D.J.** (September, 2021). Natural Language Processing: Quantitative and Computational Analyses of Verbal Behavior. BABAT: Massachusetts Professionals in Behavior Analysis.
28. ^**Cox, D.J.** (November, 2020). Applied Behavior Analysis and Artificial Intelligence. Behavior Analysts Who Code Monthly MeetUp.
27. ^**Cox, D.J.** (November, 2020). Substance use treatment. Student Association for Applied Behavior Analysis continuing education event.

26. ^**Cox, D.J.** (September, 2020). Artificial intelligence and ABA. Technology and Behavior Analysis Conference.
25. ^**Cox, D.J.** (August, 2020). Moral philosophy, ethical theories, and applied ethics. Cambridge Center for Behavioral Studies 8<sup>th</sup> Annual Ethics in Professional Practice Conference. Beverly, MA.
24. ^**Cox, D.J.** (April, 2020). Big data and ABA: Possibilities and ethical use. 4<sup>th</sup> Annual Behavior Analysis Leadership Council Annual Conference. Boston, MA.
23. Brodhead, M.T., `White, A.N., & **Cox, D.J.** (February, 2020). Visual analysis with dynamic data sets and changing data accuracy: Replication and extension. Behavior Analysis Association of Michigan Conference. Ypsilanti, MI.
22. `White, A.N., Brodhead, M.T., & **Cox, D.J.** (February, 2020). Visual analysis with dynamic data sets and changing data accuracy. Behavior Analysis Association of Michigan Conference. Ypsilanti, MI.
21. ^**Cox, D.J.** (October, 2019). Behavior analysts as the ultimate team player: Understanding contingencies in interdisciplinary collaboration. Workshop at the Nevada Association for Behavior Analysis Annual Conference. Reno, NV.
20. \***Cox, D.J.**, & Johnson, M.W. (October, 2019). Predicting who quits: Natural Language Processing of psychedelic session narratives. Nevada Association for Behavior Analysis Annual Conference. Reno, NV.
19. ^**Cox, D.J.** (August, 2019). Applied Behavior Analysis in substance abuse and health behavior. University of Oklahoma. Norman, OK.
18. ^**Cox, D.J.** (January, 2019). Exploring Ethical Decision-Making. Melmark Pennsylvania Speaker Series. Berwyn, PA.
17. ^**Cox, D.J.** (January, 2019). Interdisciplinary collaboration in Applied Behavior Analysis. SPG Behavior Intervention Services CEU Event. Contra Costa, CA.
16. ^Brodhead, M., **Cox, D.J.**, & Quigley, S. (October, 2018). Practical ethics for effective treatment of Autism Spectrum Disorder. Workshop at Michigan Autism Conference. Kalamazoo, MI.
15. ^**Cox, D.J.** (October, 2018). Clinical decision making in applied behavior analysis. Michigan Autism Conference. Kalamazoo, MI.
14. Laureano, B., **Cox, D.J.**, & DeLeon, I.G. (September, 2018). Evaluating the role of extinction in a human operant model of resurgence. Florida Association for Behavior Analysis (FABA) Annual Conference. San Diego, CA.
13. ^**Cox, D.J.** (May, 2018). Discounting severe weather. 32<sup>nd</sup> Annual Governor's Hurricane Conference. West Palm Beach, FL.
12. \***Cox, D.J.**, Bolívar, H.A., Barlow, M.A., & Dallery, J. (April, 2018). Testing the validity of nonhuman resurgence models with human responding. Fifth Annual CARE Symposium. Gainesville, FL.



11. \***Cox, D.J.**, & Dallery, J. (October, 2017). Manipulating human risky and impulsive behavior in positive- and negative-energy budgets. Southeastern Association for Behavior Analysis Annual Conference. Savannah, GA.
10. \*Laureano, B., **Cox, D.J.**, & DeLeon, I.G. (October, 2017). Evaluating the role of extinction in a human operant model of resurgence. Southeastern Association for Behavior Analysis Annual Conference. Savannah, GA.
9. `Amanieh, H., Fernand, J.K., **Cox, D.J.**, & Dorey, N.R. (October, 2017). Effects of reversed contingencies on size preference with dogs (*Canis lupus familiaris*). Paper presented at the 37<sup>th</sup> Annual Florida Association for Behavior Analysis. Daytona Beach, FL.
8. \***Cox, D.J.**, & Dallery, J. (April, 2017). Measuring human risky and impulsive behavior in positive- and negative-energy budgets. Fifth Annual CARE Symposium. Gainesville, FL.
7. \***Cox, D.J.**, & Dallery, J. (April, 2017). Quantifying the influence of multiple outcomes on discounting in humans. Fifth Annual CARE Symposium. Gainesville, FL.
6. \*Bolívar, 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.
5. **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.
4. \*Fernand, J.K., Bolívar, 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.
3. \***Cox, D.J.** (April, 2015). Extending the Validity of Discounting Tasks Measuring Half Amounts. Third Annual CARE Symposium. Gainesville, FL.
2. **Cox, D.J.** (February, 2013). Cumulative Record of Free Operant Preference Assessment and Subsequent Reinforcer Rotation. CalABA Annual Western Regional Conference. Garden Grove, CA.
1. **Cox, D.J.** (May, 2011). Autism 101. Colorado Child & Adolescent Mental Health Conference. Denver, CO.

#### LOCAL PRESENTATIONS (^*invited presentation*; \**poster*; `student)

37. ^**Cox, D.J.** (October, 2020). Discounting and Applied Behavior Analysis. Michigan State University. College of Education. Department of Counseling, Educational Psychology, & Special Education. Guest Lecture.
36. ^**Cox, D.J.** (September, 2020). Behavioral data science: Scope and function. GuideWell TechCon.
35. Trautman, S, & **Cox, D.J.** (May, 2020). ABA services and the pandemic. Online Ethics Discussion for Daily BA Members. Available at: [https://youtu.be/H3telKr7\\_Ng](https://youtu.be/H3telKr7_Ng)

34. ^**Cox, D.J.** (June, 2020). How to identify ethical practices in organizations prior to employment. Georgia State University. College of Education and Human Development. Department of Learning Sciences. Guest Lecture.
33. Trautman, S, & **Cox, D.J.** (May, 2020). Re-opening: An ethical discussion. Online Ethics Discussion for Daily BA Members. Available at: [https://youtu.be/H3telKr7\\_Ng](https://youtu.be/H3telKr7_Ng)
32. Schieltz, K.M., Patterson, T., O'Brien, M., **Cox, D.J.**, Gershfeld-Litvak, S., & Weiss, M.J. (April, 2020). It's not about being right, it's about getting it right. Online Ethics Panel on COVID19 & ABA. Available at <https://youtu.be/k50vLsv-mFM>.
31. **Cox, D.J.**, & Bender, S. (April, 2020). Behavioral science in the digital space. Digital Transformation Department. GuideWell.
30. ^**Cox, D.J.** (April, 2020). Science, collaboration, and the future of ABA. Caldwell University Invited Speaker Series. Department of Applied Behavior Analysis. Caldwell, NJ.
29. ^**Cox, D.J.** (November, 2019). Discounting: How, what, and why? Michigan State University. College of Education. Department of Counseling, Educational Psychology, & Special Education. Guest Lecture.
28. `Lombardi, J., `Tan, M., **Cox, D.J.**, Dolan, S.D., Berry, M., & Johnson, M. (July, 2019). Independent and combined influence of episodic future thinking and graphics warning labels on discounting and hypothetical cigarette purchasing. Behavioral Pharmacology Research Unit Annual Poster Session.
27. `Saba, E., `Freas, J., **Cox, D.J.**, Dolan, S.D., Johnson, P., & Johnson, M. (July, 2019). A comprehensive examination of delay and on probability discounting processes in cocaine use. Behavioral Pharmacology Research Unit Annual Poster Session.
26. \***Cox, D.J.**, Johnson, P.S., & Johnson, M.W. (June, 2019). Using quantitative models and machine learning to describe discounting across amounts, signs, and commodities. Johns Hopkins University School of Medicine Annual Psychiatry Research Potpourri.
25. ^**Cox, D.J.** (November, 2018). Primer on behavioral pharmacology. Van Loan School at Endicott College. Guest Lecture.
24. ^**Cox, D.J.** (November, 2018). Quantitative analyses and Applied Behavior Analysis. Van Loan School at Endicott College. Guest Lecture.
23. ^**Cox, D.J.** (November, 2018). Discounting: What is it and why do we care? Michigan State University. Department of Counseling, Educational Psychology, & Special Education. Guest Lecture.
22. ^**Cox, D.J.** (October, 2018). Discounting multiple delayed and probabilistic outcomes. National Institute on Drug Abuse. Clinical Pharmacology & Therapeutics Research Branch Speaker Series.
21. `Spector, E., Lewis, J., **Cox, D.J.**, & Dallery, J. (April, 2018). Influence of multiple delayed outcomes on discounting in humans. University of Florida PGSO Undergraduate Research Forum. Gainesville, FL.

20. `Standridge, R., Petronelli, A., Cartee, J., Goyal, B., **Cox, D.J.**, & Dallery, J. (April, 2018). Role of probability and earning budgets on risky and impulsive decisions. University of Florida PGSO Undergraduate Research Forum. Gainesville, FL.
19. `Petronelli, A., Standridge, R., Cartee, J., Lewis, J., **Cox, D.J.**, Losee, J., & Webster, G. (April, 2018). Weather discounting: Impact of delay on decisions to evacuate. University of Florida PGSO Undergraduate Research Forum. Gainesville, FL.
18. `Standridge, R., Petronelli, A., Cartee, J., Goyal, B., **Cox, D.J.**, Losee, J., & Webster, G. (April, 2018). Impact of language and probability on storm preparation. University of Florida PGSO Undergraduate Research Forum. Gainesville, FL.
17. `Gilbert, J., Vance, S., Lewis, J., **Cox, D.J.**, & Dallery, J. (April, 2018). Isolating or intermixing gains with losses will influence risky choice differently. University of Florida PGSO Undergraduate Research Forum. Gainesville, FL.
16. `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.
15. `Martinez, M., **Cox, D.J.**, & Dallery, J. (April, 2017). Observing behavioral contrast in humans. University of Florida PGSO Undergraduate Research Forum. Gainesville, FL.
14. `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.
13. `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.
12. `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.
11. **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.
10. **Cox, D.J.** (April, 2014). Resurgence: experimental clarification and applied strategies for practitioner avoidance thereof. STE Consultants, LLC Type II BACB CEUS. Berkeley, CA.
9. **Cox, D.J.** (July, 2013). Current best practice in the implementation of functional analyses. STE Consultants, LLC Type II BACB CEUs: Berkeley, CA.
8. **Cox, D.J.** (June, 2013). Metaethics, behavior analysis, and the route to professionalization. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
7. **Cox, D.J.** (December, 2012). What is the mechanism by which extinction has its effect?
6. **Cox, D.J.** (October, 2012). ABA workshop for school teachers & school psychologists. San Lorenzo Unified School District. San Lorenzo, CA.

5. **Cox, D.J.** (August, 2012). Conditioned reinforcement: The old and the new/varied<sup>(?)</sup> definition. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
4. **Cox, D.J.** (May, 2012). Applied Behavior Analysis and Autism Spectrum Disorders. Parents Helping Parents. Fremont, CA.
3. **Cox, D.J.** (February, 2012). On “Brains and Behaviour” and ABA. STE Consultants, LLC Type II BACB CEUs. Berkeley, CA.
2. **Cox, D.J.** (September, 2011). An Overview of the “Questions About Behavioral Function” (QABF). Developmental Pathways Residential Facility. Denver, CO.
1. **Cox, D.J.** (December, 2009). A Smattering of Autism, Behavior, and the Community. Lafayette Public Library. Lafayette, Colorado.

## POPULAR MEDIA, PODCASTS, & SCIENCE DISSEMINATION

### ABA On Call:

Title: Future Tech and ABA October, 2021  
 Link: <https://youtu.be/Ci0wS0XNIDY>

### The Data Standard:

Title: The Data Standard Audio Experience with David Cox April, 2021  
 Link: <https://datastandard.io/podcast/the-data-standard-audio-experience-with-david-cox-from-behavioral-health-center-of-excellence/>

### Data Dump by Knowi:

Title: David Cox, CDO of BHCOE March, 2021  
 Link: [https://open.spotify.com/episode/4q4Y2uEgrP4Zpvoy4Qb9HI?si=yJa\\_1kQFSJ2S8-Y-m4IkNQ](https://open.spotify.com/episode/4q4Y2uEgrP4Zpvoy4Qb9HI?si=yJa_1kQFSJ2S8-Y-m4IkNQ)

### The Daily BA Member Event:

Title: ABA Services and the Pandemic August, 2020  
 Link: [https://youtu.be/H3telKr7\\_Ng](https://youtu.be/H3telKr7_Ng)

### Controversial Exchange:

July, 2020  
 Title: Saving the World with Behavior Analysis Might Mean More Skills and Thinking Differently  
 Link: <https://www.thedailyba.com/tce-episodes/07122020/saving-the-world-with-behavior-analysis-might-mean-more-skills-and-thinking-differently-tce-031>

### The Daily BA Member Event:

Title: Re-opening: An Ethical Discussion May, 2020  
 Link: [https://youtu.be/H3telKr7\\_Ng](https://youtu.be/H3telKr7_Ng)

### Behavior Bitches Podcast:

May, 2020  
 Title: I Dare You to Find a More Impressive Resume  
 Link: <https://anchor.fm/behavior-bitches/episodes/I-Dare-You-to-Find-a-More-Impressive-Resume-with-David-Cox-ee527i>

Behavioral Observations Podcast: November, 2019

Title: Humans, Drugs, and Machine Learning

Link: <https://behavioralobservations.com/eab-behavioral-pharmacology-addiction-psilocybin-mushrooms-and-more-session-99-with-david-cox/>

Ethics in Behavior Analysis SIG: Voices from the Field June, 2019

Title: Data & Ethical Behavior

Link: <https://youtu.be/q8zjhtkiRdI>

## INVITED ASSOCIATE EDITOR FOR JOURNAL SPECIAL ISSUES

Behavior Analysis in Practice (in progress)

Topic: *Advancing Ethics and Behavior Analysis with Data*

Perspectives on Behavior Science (in progress)

Topic: *Advanced Quantitative Techniques for the Analysis of Large Behavioral Data Sets*

## BOARD OF EDITORS

Journal of Applied Behavior Analysis

September 2020 – August 2021

## EDITORIAL REVIEWER

Behavior and Philosophy

June 2016 – May 2018

## BOARD OF REVIEWERS

Journal of Behavior

May 2016 – May 2018

## AD HOC JOURNAL REVIEWER

Behavior Analysis in Practice

Behavior Modification

Behavioral Interventions

Behavioural Processes

Bentham Science Publishers

Computational Brain & Behavior

Experimental and Clinical Psychopharmacology

Journal of Autism and Developmental Disorders

Journal of Applied Behavior Analysis

Journal of Behavior

Journal of Childhood & Developmental Disorders

Journal of Experimental Psychology: Applied

Journal of the Experimental Analysis of Behavior  
 Journal of Interprofessional Care  
 Journal of Medical Internet Research  
 Perspectives on Behavior Science  
 Psychological Record  
 Psychological Reports  
 Psychology of Sport and Exercise  
 Psychonomic Bulletin & Review  
 Psychopharmacology  
 Preventive Medicine  
 Translational Issues in Psychological Sciences

## AD HOC BOOK REVIEWER

Elsevier Academic Press Acquisitions: Neuroscience, Psychology, Psychiatry, and Radiology

## TEACHING EXPERIENCE

- |   |                             |
|---|-----------------------------|
| Endicott College: Beverly, MA   | January 2019 – present      |
| <i>Faculty</i>  |                             |
| <ul style="list-style-type: none"> <li>• ABA 510: Conceptual Issues in Applied Behavior Analysis</li> <li>• ABA 710: Conditioning and Learning</li> </ul>   |                             |
| Caldwell University: Caldwell, NJ   | May 2021 – August 2021      |
| <i>Adjunct Faculty</i>  |                             |
| <ul style="list-style-type: none"> <li>• ABA 698: Introduction to Coding in Behavior Analysis</li> </ul>  |                             |
| Purdue University: Lafayette, IN  | January 2020 – May 2021     |
| <i>Adjunct Faculty</i>  |                             |
| <ul style="list-style-type: none"> <li>• EDCI 58500: Multicultural Education</li> </ul>   |                             |
| University of Texas, San Antonio: San Antonio, TX   | August 2019 – August 2020   |
| <i>Lecturer</i>   |                             |
| <ul style="list-style-type: none"> <li>• SPE 6403: Ethics and Cultural Implications for Applied Behavior Analysis</li> </ul>  |                             |
| Michigan State University: East Lansing, MI   | August 2018 – December 2018 |
| <i>Assistant Professor – Fixed Term</i>   |                             |
| <ul style="list-style-type: none"> <li>• CEP 844: Applied Behavior Analysis</li> </ul>  |                             |
| University of Florida: Gainesville, FL  | August 2014 – June 2018     |
| <i>Instructor of Record</i>   |                             |
| <ul style="list-style-type: none"> <li>• PSY 2012: Introduction to Psychology</li> </ul>  |                             |
| <i>Graduate Teaching Assistant</i>  |                             |
| <ul style="list-style-type: none"> <li>• EAB 3002: Principles of Behavior Analysis</li> <li>• EAB 3764: Applied Behavior Analysis</li> <li>• EAB 4184: Behaviorism in Contemporary Society</li> </ul> |                             |

National University: Rancho Cordova, CA. August 2013 – August 2014

*Faculty Instructor: BACB Approved Course Sequence in Applied Behavior Analysis*

- ABA 601: Assessment in Applied Behavior Analysis
- ABA 604: Advanced 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 Instructor: Small Group Facilitator*

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

## MENTORSHIP

Doctoral Students:

- Javed, Asim (2021-2023). Endicott College. Behavioral Data Science Research Lab.
- Sotomayor, Javier (2021-2024). Endicott College. Behavioral Data Science Research Lab.

Dissertation and Thesis Committees:

- Klick, Sheila (2021-2022). Automatic reinforcement: Theoretical challenges. Dissertation Committee. Endicott College.
- Plattner, Calandra (2021-2022). Motivational interviewing. Dissertation Committee. Endicott College.
- Schunk, Alec (2020-2021). Alternative reinforcer magnitude and resurgence. Dissertation Committee. Caldwell University.
- Marano, Kathleen (2020-2021). Asynchronous staff training strategies that minimize the need for the presence of a trainer. Dissertation Committee. Caldwell University.

Supervision of Student Interns: Jacksonville, FL June 2020 – August 2020

- Roberts, Olivia (2020). Identifying opportunities to improve diabetes outcomes using behavioral data science. GuideWell.

University of Florida: Gainesville, FL January 2016 – June 2018

*Graduate Project Supervisor in Animalia Research Lab*

University of Florida: Gainesville, FL Aug 2015 – Aug 2016; Aug 2017 – June 2018

*Undergraduate Psychology Advisor*

Supervision of Student Independent Research:

- Driscoll, N. (Jan, 2021-May, 2021). Behavioral data science research immersion.
- Rosales, M.K. (July, 2020-present). Computational analyses of the generalized matching law and dynamic state variables in sport contexts.
- 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

- Westrup, Janet. Supervision completed. Examination scheduled for Fall, 2020.
- Romero, Jackie. Supervision completed. Examination scheduled for Fall, 2020.
- Bujanda, Arlette. Supervision completed. Board certification status obtained 05/31/2019.
- Johnson, Natasha. Board certification status obtained 06/01/2018.
- Sosine, Jacob. Board certification status obtained 11/30/2015.

#### Supervision of University of Florida Undergraduate Research Credits

Fall 2014 – June 2018

- 116 Students total

### NON-ACADEMIC WORK EXPERIENCE

Behavioral Health Center of Excellence: Jacksonville, FL

October 2020 – present

*Chief Data Officer*

#DoBetterMovement

June 2020 – February 2021

*Consulting Clinical Ethicist*

Glimpse K12: Remote

February 2020 – December 2020

*Consulting Data Scientist*

GuideWell: Jacksonville, FL

April 2020 – October 2020

*Principal Analyst: Behavioral Science & Analytics*

*Department of Data Science*

Insight Data Science: Remote

January 2020 – April 2020

*Data Scientist*

Kadient: Remote

September 2019 – April 2020

*Clinical Consultant*

Johns Hopkins University School of Medicine: Baltimore, MD

July 2018 – April 2020

*Research Fellow*

Behavior Change Institute: Remote

August 2015 – April 2020

*Quality Assurance Advisor*

Behavior Health & Technology Research Clinic: Gainesville, FL

February 2016 – June 2018

*Behavior Analyst; Director of Research*

Behavioral Learning Systems: Gainesville, FL

January 2015 – August 2015

*Consulting BCBA*

STE Consultants, LLC: Berkeley, CA

December 2011 – August 2014

*Clinical Director*



Cox Behavioral Consulting, LLC: Denver, CO <i>Owner &amp; Clinical Director</i>	October 2011 – December 2011
Creative Perspectives, Autism Centers of Colorado: Denver, CO <i>Assistant Clinical Director</i>	December 2009 – November 2011
Creative Perspectives Inc., Autism Centers of Colorado: Denver, CO <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

## ADVISORY BOARDS

Anderson Center for Autism; Saratoga Springs, NY	October 2020 – present
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## SERVICE

Behavior Analysts Who Code <i>Founder &amp; Member</i>	May 2020 – present
Insight Data Science: Remote <i>Alumni Mentor</i>	January 2021 – June 2021
ABAI: Ethics and Behavior Analysis Special Interest Group <i>Founder &amp; Member; Past Positions: President, Vice President</i>	September 2012 – present
Behavior Analyst Certification Board: Littleton, CO <i>Testing &amp; Accreditation Department; BCBA Item Writing Committee</i>	January 2021 – December 2022
Society for the Experimental Analysis of Behavior <i>Applied Dissertation Reward Reviewer</i>	October 2020
GuideWell: Jacksonville, FL <i>Inclusion &amp; Diversity Committee: Member</i>	June 2020 – October 2020
GuideWell: Jacksonville, FL <i>Values Council: Member</i>	June 2020 – October 2020
American Psychological Association, Division 28 <i>Annual Convention Submission Review</i>	January 2020
Autism Research Center, University of Texas at San Antonio <i>Affiliate Faculty</i>	December 2019 – May 2020
BPRU Addiction Seminar Series <i>Speaker Coordinator</i>	January 2020 – May 2020
Behavior Analysis Leadership Conference <i>Ethics Track Coordinator</i>	May 2020

Association for Behavior Analysis International <i>Poster Discussant for Experimental Analysis of Behavior</i>	May 2019
APF Alice Chang Cancer Wellness Grant <i>Grant Reviewing Committee</i>	February 2019
Behavior Analyst Certification Board: Littleton, CO <i>Testing &amp; Accreditation Department; BCBA Item Review Committee</i>	January 2019 – December 2020
Florida Children’s Institute: Jacksonville, FL <i>Research Review Committee</i>	April 2015 – August 2019
Behavior Analysts Certification Board <i>Subject Matter Expert: Comprehensive Term List</i>	November 2017
University of Florida Psychology Department <i>Behavior Analysis Faculty Search Committee: Student Member</i>	August 2017 – January 2018
Society for the Quantitative Analysis of Behavior <i>Board of Directors: Member At-Large</i>	May 2017 – June 2018
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
University of Florida Psychology Department Psychology Graduate Student Organization <i>President &amp; 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
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

American Psychological Association  
Division 24: Society for Theoretical and Philosophical Psychology

Division 25: Behavior Analysis  
Division 28: Psychopharmacology and Substance Abuse  
Division 38: Health Psychology  
American Society of Bioethics and Humanities  
Association for Behavior Analysis International  
Ethics and Behavior Analysis SIG  
Association for Computing Machinery  
Knowledge Discovery and Data Mining SIG  
Behavior Analysts Who Code  
Behavioral Economics Research Group  
Data for Democracy  
Models, Inference and Algorithms at the Broad Institute  
Society for the Quantitative Analysis of Behavior