

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

Assistant Director of Research
Institute for Applied Behavioral Science
Endicott College
376 Hale St; Beverly, MA 01915

VP of Data Science
Rethink First
49 W 27th St, 8th Fl
New York, NY 10001

BOARD CERTIFICATIONS

Board Certified Behavior Analyst-Doctoral (BCBA-D)

Board examination passed September 27th, 2011;

Doctoral designation received October 18th, 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

*Assistant Director of Research
Institute for Applied Behavioral Science*

August 2024 – present

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

January 2019 – July 2024

Johns Hopkins University: Baltimore, MD
*Postdoctoral Research Fellow
Behavioral Pharmacology Research Unit,
Department of Psychiatry and Behavioral Sciences
School of Medicine*

July 2018 – April 2020

MAJOR RESEARCH INTERESTS

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

PUBLICATIONS (*student/mentee at time of project initiation)**Preprints in Review**

61. **Cox, D. J.** (*pre-print*). Experiential delay and probability discounting during positive and negative earnings budgets. <https://osf.io/7kphr>
60. **Cox, D. J.**, & Sosine, J. (*pre-print*). A data-driven, algorithmic approach to recommending hours of ABA for individuals with ASD. Link: <https://osf.io/preprints/psyarxiv/yadbm>
59. Sosine, J., & **Cox, D.J.** (*pre-print*). Initial description of 3.9 million unique ABA sessions. Link: <https://osf.io/preprints/psyarxiv/pq28y/>
58. **Cox, D.J.**, & *Javed, A. (*pre-print*). Choice with Ethical Outcomes: Sign Effect, Commodity Effect, & Ethical Theory Preference. Link: <https://psyarxiv.com/p7k82>
57. **Cox, D.J.**, Sosine, J., & Rethink Data Team (*pre-print*). Influence of Sample Size, Feature Set, and Algorithm on Cluster Analyses for Patients with Autism Spectrum Disorders. Link: <https://psyarxiv.com/9k2yv>

Accepted/In Press/Published

56. **Cox, D.J.**, *Weil, L., Farrow, J., Jennings, A., *Santos, C., & Sosine, J. (*accepted*). Reinforcement learning in behavior science and artificial intelligence. In D. Crone-Todd, Hantula, D., & Layng, T. V. *Behavior Science and Digital Technologies*. Preprint Link: <https://psyarxiv.com/ue5vx>
55. Driscoll, N. M., Gerhardt, P., Weiss, M. J., Tereshko, L., Dixon, M. R., Kazemi, E., & **Cox, D. J.** (2024). A qualitative analysis of expert interviews on safety and risk. *Journal of Intellectual Disabilities*. <https://journals.sagepub.com/doi/10.1177/17446295241277920>
54. **Cox, D. J.** (2024). The logic and code behind the cover & TOC graphs. *The Experimental Analysis of Human Behavior Bulletin*, 34, 99-109. <https://doi.org/10.17605/OSF.IO/B6XUH>
53. Witts, B. N., & **Cox, D. J.** (2024). Proliferation, productivity, and propagation: Celebrating the next wave of EAHB researchers. *The Experimental Analysis of Human Behavior Bulletin*, 34, 98-108. <https://doi.org/10.17605/OSF.IO/DKRM6>

52. **Cox, D. J.** (2024). The challenges ahead: Concepts, analytics, and ethics of value-based care in applied behavior analysis. *Behavior Analysis in Practice*. <https://doi.org/10.1007/s40617-024-00937-x>
51. **Cox, D. J., & Young, M. E.** (2024). We live in interesting times: Introduction to the special section on big data & behavior science. *Perspectives on Behavior Science*, 47(1), 192-202. <https://doi.org/10.1007/s40614-024-00400-w>
50. **Cox, D. J.** (2024). README: The code to create the cover & TOC graphs. *The Experimental Analysis of Human Behavior Bulletin*, 34, 25-29. <https://doi.org/10.17605/OSF.IO/T2CZA>
49. Jennings, A., & **Cox, D.J.** (2024). Starting the conversation around the ethical use of artificial intelligence in applied behavior analysis. *Behavior Analysis in Practice*, 17(1), 107-122. <https://doi.org/10.1007/s40617-023-00868-z>
48. **Cox, D.J., & Jennings, A.** (2024). The promises and possibilities of artificial intelligence in the delivery of behavior analytic services. *Behavior Analysis in Practice*, 17(1), 123-136. <https://doi.org/10.1007/s40617-023-00864-3>
47. *Lazaro, X.A, *Winter, J.M., Fernand, J.K., **Cox, D.J.**, & Dorey, N.R. (2023). Efficacy of edible and leisure reinforcers with domestic dogs. *Animals*, 13(19), 3073. <https://doi.org/10.3390/ani13193073>
46. Brodhead, M.T., Cascarilla, A.N., & **Cox, D.J.** (2023). Evaluation of statement accuracy on ethical decision-making. *Behavior Analysis in Practice*. <https://doi.org/10.1007/s40617-023-00843-8>
45. **Cox, D.J., & Javed, A.** (2023). Influence of televisibility and harm probability on clinical-ethical decision making. *Behavior Analysis in Practice*. <https://doi.org/10.1007/s40617-023-00824-x>
44. Anderson, M.A.B., **Cox, D.J.**, & Dallery, J. (2023). Effects of economic context and reward amount on delay and probability discounting. *Journal of the Experimental Analysis of Behavior*, 120(2), 204-213. <http://doi.org/10.1002/jeab.868>
43. *Sosine, J., & **Cox, D.J.** (2023). Identifying trends in the open-access behavior analytic literature via computational analyses (I): Simple descriptions of text. *The Analysis of Verbal Behavior*, 39, 146-167. <https://doi.org/10.1007/s40616-022-00179-4>
42. *Suarez, V.D., *Marya, V., Weiss, M.J., **Cox, D.J.** (2023). Examination of ethical decision-making models across disciplines: Common elements and application to the field of behavior analysis. *Behavior Analysis in Practice*, 16, 657-671. <https://doi.org/10.1007/s40617-022-00753-1>
41. **Cox, D.J.**, *Javed, A., Sosine, J., *Cordeiro, C., & *Sotomayor, J. (2023). 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. ISBN: 978-0323995948

40. **Cox, D.J.**, *Castillo, V., & *Marya, V. (2022). 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.
39. *Marano-Frezza, K. E., Vladescu, J. C., Reeve, K. F., Sidener, T. M., & **Cox, D. J.** (2022). Training staff to create equivalence-based instruction materials in Qualtrics. *The Psychological Record*. <https://doi.org/10.1007/s40732-021-00497-4>
38. *Marya, V.G., *Castillo, V.D., & **Cox, D.J.** (2022). 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*. Autism and Child Psychopathology Series. Springer, Cham. https://link.springer.com/chapter/10.1007/978-3-030-96478-8_4
37. Vladescu, J., Breeman, S.L., **Cox, D.J.**, & Drevon, D.D. (2022). What's the big IDEA?: A preliminary investigation of behavior analysts' training in and knowledge of federal special education law. *Behavior Analysis in Practice*. <https://doi.org/10.1007/s40617-021-00673-6>
36. **Cox, D.J.**, Klapes, B., & Falligant, J.M. (2022). Scaling N from 1 to 1,000,000: Application of the generalized matching law to big data contexts. *Perspectives on Behavior Science*, 44, 641-665. <https://doi.org/10.1007/s40614-021-00298-8>
35. **Cox, D.J.**, Losee, J.E., & Webster, G.D. (2022). Discounting under severe weather threat. *Weather, Climate, and Society*, 14(1), 65-79. <https://doi.org/10.1175/WCAS-D-20-0178.1>
34. Johnson, M.W., Strickland, J.C., Herrmann, E.S., Dolan, S.B., **Cox, D.J.**, & Berry, M.S. (2021). Sexual discounting: A systematic review of discounting processes and sexual behavior. *Experimental & Clinical Psychopharmacology*, 29(6), 711-738. <https://doi.org/10.1037/pha0000402>
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. <https://doi.org/10.3390/ijerph182312637>
32. **Cox, D.J.**, Garcia-Romeu, A., & Johnson, M.W. (2021). Predicting changes in substance use following psychedelic experiences: Natural Language Processing of psychedelic session narratives. *American Journal of Drug & Alcohol Abuse*, 47(4), 444-454. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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*. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/10.1037/pha0000341>
20. **Cox, D.J.** (2019). The many functions of quantitative modeling. *Computational Brain & Behavior*, 2(3-4), 166-169. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. https://link.springer.com/chapter/10.1007/978-3-030-13027-5_4
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. <https://doi.org/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. <https://doi.org/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 <https://doi.org/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. <https://doi.org/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*. <https://doi.org/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. <https://doi.org/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. <https://doi.org/10.1016/j.beproc.2018.08.004>
9. **Cox, D.J.**, & Dallery, J. (2018). Influence of second outcome on monetary discounting. *Behavioural Processes, 153*, 84-91. <https://doi.org/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. <https://doi.org/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. <https://doi.org/10.1016/j.beproc.201.05.004>
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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/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. <https://doi.org/10.1007/s10803-012-1530-z>

In Review (*student/mentee at time of project initiation)

- Cox, D.J.** (*in review*). Experiential delay and probability discounting during positive and negative earnings budgets. *Psychological Record*.
- Cox, D.J.,** Sosine, J., Jennings, A., *Weil, L., & *Santos, C. (*in review*). Getting more from your IOA data: Measures additional to total, occurrence, and nonoccurrence agreement. *Behavioral Interventions*.
- Cox, D. J., & *Santos, C.** (*in review*). Similarities and use cases of artificial intelligence-based reinforcement learning for behavior science. *Perspectives on Behavior Science*.
- *Casarilla, A., Sarmiento, C., **Cox, D. J.,** & Brodhead, M.T. (*in review*). Delay discounting and teacher decision-making of behavioral interventions. *Behavioral Interventions*.
- Cox, D. J., & Sosine, J.** (*in review*). A data-driven, algorithmic approach to recommending hours of ABA for individuals with ASD. *Behavioral Interventions*.
- Sosine, J., & **Cox, D.J.** (*in review*). Initial description of 3.9 million unique ABA sessions. *Behavior Analysis in Practice*.
- Cox, D.J.,** Sosine, J., & Rethink Data Team (*in review*). Influence of Sample Size, Feature Set, and Algorithm on Cluster Analyses for Patients with Autism Spectrum Disorders. *Research in Autism Spectrum Disorders*.

In Revision (*student/mentee at time of project initiation)

- Cox, D.J.** (*in revision*). Models and the complex multiple control of behavior: How data science can (and can't) contribute. *TBD*.
- Cox, D.J., & Javed, A.** (*in revision*). Choice with Ethical Outcomes: Sign Effect, Commodity Effect, & Ethical Theory Preference.
- *Deshpande, M., *Weil, L., *Renshaw, E., *Duyile, L., & **Cox, D. J.** (*in revision*). Bridging behavioural pharmacology and behaviour analysis: A guide to developing practical medication data collection tools for practitioners.

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

Cox, D. J. (*in prep*). Potential tradeoffs between performance and discrimination assuming pure behavioral economic control of responding. *Journal of the Experimental Analysis of Behavior*.

Cox, D. J. (*in prep*). Extinction in free-ranging birds. *Journal of the Experimental Analysis of Behavior*.

Cox, D.J., *Sotomayor, J., & *Cordeiro, C. (*in prep*). Demand and ethical decision-making. *The Bulletin*.

*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*.

BOOKS

8. **Cox, D.J.** (2028-expected). Individual Ethical Behavior: Theory, Research, and Application. Springer Publishing. [*under contract*]
7. **Cox, D.J.** (2026-expected). *Mathematical Behaviorism*. LeanPub. [*under contract*]
6. Vladescu, J., & **Cox, D.J.** (2025-expected). *Applied Behavior Analysis for Business and Technology Applications*. Elsevier. ISBN: 9780443223587
5. Vladescu, J., & **Cox, D.J.** (2025-expected). *Applied Behavior Analysis for Clinical, Educational, and Training Applications*. Elsevier. ISBN: 9780443223617
4. **Cox, D.J.**, & Vladescu, J. (2023). Statistics for ABA Practitioners and Researchers. Elsevier. ISBN: 978-0323998857. <https://doi.org/10.1016/B978-0-323-99885-7.00004-0>
3. **Cox, D.J.**, Syed, N.Y., Brodhead, M.T., & Quigley, S.P. (2022). Research Ethics in Behavior Analysis: From Laboratory to Clinic and Classroom. Academic Press: Cambridge, MA. ISBN: 9780323909693
2. 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. ISBN: 9780128238608
1. 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

INDUSTRY WHITE PAPERS / RESEARCH PAPERS CO-AUTHORED

Rethink First (November, 2023). *Initial Description of 3.9 Million Unique ABA Sessions*. <https://osf.io/preprints/psyarxiv/pq28y/>

Rethink First (August, 2023). *Influence of Sample Size, Feature Set, and Algorithm on Cluster Analyses for Patients with Autism Spectrum Disorders*. <https://psyarxiv.com/9k2yv>

Rethink First (February, 2023). *An Artificial Intelligence Driven System to Predict ASD Outcomes in ABA*. <https://osf.io/3t9zc/>

Behavioral Health Center of Excellence (June, 2022). *Quarterly Strategic Benchmark Report: Predicting Staff Satisfaction*. <http://bhcoe.org/qsbr>

Behavioral Health Center of Excellence (March, 2022). *Quarterly Strategic Benchmark Report: Parent and Guardian Satisfaction*. <http://bhcoe.org/qsbr>

Behavioral Health Center of Excellence (Nov, 2021). *Quarterly Strategic Benchmark Report: Fiscal Metrics*. <http://bhcoe.org/qsbr>

Behavioral Health Center of Excellence (Sep, 2021). *Quarterly Strategic Benchmark Report: 2001 ABA Compensation & Turnover Report*. <http://bhcoe.org/qsbr>

Behavioral Health Center of Excellence (Jan, 2021). *Quarterly Strategic Benchmark Report: Predicting Turnover in ABA Organizations*. <http://bhcoe.org/qsbr>

RESEARCH SUPPORT

External – Funded (Total: \$565,758)

Department of Defense Senior Consortium Research Fellowship. Artificial intelligence, risk assessment, and decision-making. Role: Consultant. \$5,000.

Health, Sport, & Fitness ABAI SIG Small Research Grant. Delay discounting in ultramarathon runners: Identifying the indifference point in finishing the Barkley's fall classic. P.I.: Bukszpan, A. Role: Faculty Advisor. \$500

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: \$1,981,229)

SEAB Educational Grant. A remote operant animal lab for students of behavior analysis. P.I. **Cox, D.J.**. \$5,000.

SEAB Translational Grant. Shaping Sounds Through Automatic Speech Recognition. P.I. Javed, A. Role: Student Advisor. \$5,000

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)

Best Big Data Solution; MedTech Breakthrough Awards (2023)

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., & Javed, A. (2022). Televisibility-and-harm. <https://zenodo.org/badge/latestdoi/532253440>

Cox, D.J., & Sosine, J. (2022). Parent reflections on ABA: Analysis of 5,450 open-ended responses. <https://doi.org/10.5281/zenodo.5815646>

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

Cox, D.J. (2019). How many types of discounting: Unsupervised machine learning python script. (Version 0.0.1) [Source code]. <https://github.com/david-j-cox/HowManyTypesofDiscounting>

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

- 2025 ABAI 51st Annual International Conference
 Title: *Understanding Choice on Probabilistic Schedules: What Biological and Artificial Systems Can Teach Us*
- 2025 CalABA Annual Conference
 Title: *Data Science and Behavior Science: A Love Story in a Foreign Land*
- 2024 UMass Lowell Expert Speaker Series
 Title: *AI Use Cases and Ethics in ABA Service Delivery*
- 2024 ABAI Theory & Philosophy Conference
 Title: *Verbal Frontiers: Combining Words in the Wild, Computational Modeling, and Behavior Analysis to Explore Verbal Communities*
- 2024 BABAT 2024 Conference
 Title: *Using Artificial Intelligence to Improve Patient Outcomes in ABA*
- 2024 DisruptABA Conference
 Title: *Updating ABA to the 21st Century: Expanding Our Tools, Skills, and the Way We Think*
- 2024 BIG Behavior Analytic Tech Conference and Annual Gathering Event
 Title: *Getting Out of Our Comfort Zones: Leveraging Data Analytics for Deeper Clinical Insights*
- 2024 Reimagine Ethics for Behavior Analysts Conference
 Title: *Answering, “Why We Do What We Do” is the Foundation Of Ethics In Behavior Analysis*
- 2024 Business of Behavior Conference
 Title: *The Modern Data Stack for High-Impact Analytics*
- 2024 2024 APBA Webinar Series
 Title: *Ethics of Artificial Intelligence in Applied Behavior Analysis*
- 2024 ABAI 50th Annual International Conference
 Title: *Data Science and Behavior Science: A Love Story in a Foreign Land*
- 2024 Society for the Quantitative Analysis of Behavior
 Title: *Reinforcement Learning in the Computer and Behavior Sciences: Methods and Opportunities*
- 2024 Association for Professional Behavior Analysts
 Title: *Using Artificial Intelligence to Improve Patient Outcomes in ABA*
- 2024 Association for Professional Behavior Analysts
 Title: *Introduction to Analytics Around Patient Outcomes*
- 2023 Maryland Association for Behavior Analysis
 Title: *Advanced Analytics and Patient Outcomes in ABA*

- 2023 Cambridge Center Annual Ethics Conference
Title: *Ethical Artificial Intelligence: Topics Important to Behavior Analytic Research, Education, and Practice*
- 2023 National Behavioral Consortium
Title: *AI 101: An Expert Led Discussion Group*
- 2022 Florida Association for Behavior Analysis
Title: *Ethical Decision-Making: From Basic to Applied with Room to Grow*
- 2022 BABAT: Massachusetts Professionals in Behavior Analysis
Title: *Models to Help Us Understand Complex Phenomenon: From Multiple Control to Predicting Employee Turnover*
- 2021 Central Reach Unite Annual Conference for ABA Therapy Providers
Title: *Collecting and Measuring Aggregate Clinical Data*
- 2021 BABAT: Massachusetts Professionals in Behavior Analysis
Title: *Natural Language Processing: Quantitative and Computational Analyses of Verbal Behavior*
- 2021 Convergence of Human, Animal Training, and Technology Conference
Title: *Machine Learning and the Profession of Applied Behavior Analysis*
- 2021 Centria Provider Continuing Education Events
Title: *Foundations of Ethical Theories & Decision-Making*
- 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 8th 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 4th 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)

108. ^**Cox, D. J.** (May, 2025). Understanding Choice on Probabilistic Schedules: What Biological and Artificial Systems Can Teach Us. Association for Behavior Analysis International 51st Annual Conference. Washington D. C.
107. ^**Cox, D.J.** (Nov, 2024). Updating ABA to the 21st Century: Expanding Our Tools, Skills, and the Way We Think. DisruptABA Conference. Virtual.
106. ^**Cox, D.J.** (Oct, 2024). Verbal Frontiers: Combining Words in the Wild, Computational Modeling, and Behavior Analysis to Explore Verbal Communities. Association for Behavior Analysis International Theory and Philosophy Conference. Chicago, IL.
105. ***Sotomayor, J. & Cox, D. J.** (Oct, 2024). Large language models do not (yet) display verbal behavior. Association for Behavior Analysis International Theory and Philosophy Conference. Chicago, IL.
104. ^**Barret, L., Cox, D.J., & Barnes-Holmes, D.** (Oct, 2024). The Role of Theory and Philosophy in Today's Graduate Training Programs. Association for Behavior Analysis International Theory and Philosophy Conference. Chicago, IL.
103. ^**Cox, D. J.** (March, 2024). Using artificial intelligence to improve patient outcomes in ABA. BABAT 2024 Conference. Worcester, MA.
102. ^**Cox, D.J.** (Oct, 2024). Answering, "Why we do what we do" is the foundation of ethics in behavior analysis. Reimagine Ethics for Behavior Analysts Conference. Seattle, WA.
101. ^**Cox, D.J.** (Sep, 2024). Getting out of our comfort zones: Leveraging data analytics for deeper clinical insights. BIG Behavior Analytic Tech Conference and Annual Gathering Event. Virtual.
100. ^**Cox, D. J.** (Sep, 2024). The modern data stack for high-impact analytics. Business of Behavior Conference. Online.
99. ^**Jennings, A., & Cox, D. J.** (July, 2024). AI & Ethics in ABA. 2024 APBA Webinar Series.
98. **Stancato, S. S., Weyhrauch, W. S., Cox, D. J., Daugherty, J. R. & Lythgoe, T. J.** (June, 2024). Self-Development Decision Making [Panel presentation]. Army University Learning Symposium, Fort Leavenworth, KS.
https://www.youtube.com/watch?v=0guEtn3OCnM&list=PLFY6rfTYSWP4xmk_Blv2OIZ993bQrNid0&index=26
97. ^**Cox, D.J.** (May, 2024). Data Science & Behavior Science: A Love Story. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA.
96. **Cox, D. J., O'Donnell, R. L., & Makridis, D. V.** (May, 2024). Are we racing towards automating applied behavior analysis (ABA)? Ensuring ethical artificial intelligence (AI) tools in ABA. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA.
95. **Sosine, J., & Cox, D. J.** (May, 2024). Harnessing the power of artificial intelligence in applied behavior analysis. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA.
94. **Han, J. B., Cox, D. J., McCammon, M., Bloom, S. E., Eversole, S. E., & Weik, J.** (May, 2024). ChatGPT (and other language models): Considerations for behavior analysis education, research, and practice. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA.

93. Weil, L. F., & Cox, D. J. (May, 2024). Evaluating the usefulness of decision trees in measurement selection. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA.
92. *Parthum, E., Britwum, K. O., Cox, D. J. (May, 2024). Teaching practical problem-solving skills to individuals in service delivery. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA. <http://dx.doi.org/10.13140/RG.2.2.24602.66244>
91. *Picallo, K., Jimenez-Gomez, C., Vance, H., & Cox, D. J. (May, 2024). Evaluating the influence that probability of harm to self versus others has on ethical decision making of undergraduate students. Association for Behavior Analysis International 50th Annual Conference. Philadelphia, PA.
90. *Sosine, J., & Cox, D. J. (May, 2024). Analyzing research literature queries using vector embeddings. Society for the Quantitative Analysis of Behavior Annual Conference. Philadelphia, PA. <http://dx.doi.org/10.13140/RG.2.2.22086.08000>
89. ^Cox, D.J. (May, 2024). Reinforcement Learning in the Computer and Behavior Sciences: Methods and Opportunities. Society for the Quantitative Analysis of Behavior Annual Conference. Philadelphia, PA.
88. Cox, D.J., Rue, H., Stevens, D., Kazemi, E. (April, 2024). AI Use Cases Along the Patient Journey. Autism Investor Summit. Los Angeles, CA.
87. ^Cox, D. J. (March, 2024). Artificial Intelligence and Applied Behavior Analysis. Association for Professional Behavior Analysts. New Orleans, LA.
86. ^Cox, D. J. (March, 2024). Workshop on Assessing and Influence Ethical Decision Making in Clinical Contexts. Association for Professional Behavior Analysts. New Orleans, LA.
85. ^Cox, D.J. (August, 2023). Ethical artificial intelligence: Topics important to behavior analytic research, education, and practice. Cambridge Center Annual Ethics Conference. Beverly, MA.
84. Cox, D.J., Sosine, J., Javed, A., & Sotomayor, J. (May, 2023). Robots as ends in themselves: How robots can teach us about behavioral principles. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.
83. Sosine, J., Cox, D.J., Javed, A., & Sotomayor, J. (May, 2023). Squirreling Around: A simple setup to study Sciuridae as they scurry for science. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.
82. Javed, A., Cox, D.J., Sosine, J., & Sotomayor, J. (May, 2023). Back porch studies: Not a birden at all. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.
81. Kinsella, A., Cox, D.J., & Javed, A. (May, 2023). Influence of televisibility and harm probability on clinical-ethical decision-making. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.
80. Cordeiro, M.C., Carneiro, A.C., Asfora, L., Miguel, C.F. & Cox, D.J. (May, 2023). Evidence for a practical model of behavior analytic instruction in public health systems in Brazil. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.
79. Jennings, A., & Cox, D.J. (May, 2023). The ethical use of artificial intelligence in applied behavior analysis: Some data & conversations starters. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.

78. `Bukszpan, A.R., **Cox, D.J.**, & Lovelace, V. (May, 2023). Delay discounting in ultramarathon runners: Identifying the indifference point in finishing the Barkley's Fall Classic. Association for Behavior Analysis International 49th Annual Convention. Denver, CO.
77. **Cox, D.J.** (May, 2023). Mapping the landscape of quantitative models of behavior-environment relations. *45th Meeting of the Society for the Quantitative Analyses of Behavior*. Denver, CO.
77. **Cox, D.J.**, Rauws, M., & Gorter, J. (May, 2023). AI 101: An Expert Led Discussion. National Behavioral Consortium. Boulder, CO.
76. D'Ambrosio, D., **Cox, D.J.**, & Peters, J. (May, 2023). Managing autism in BHO settings: Solutions and opportunities. National Behavioral Consortium. Boulder, CO.
75. Page, S., Kazemi, E., & **Cox, D.J.** (Sep, 2022). Organizational outcome data: What's ya bench...mark?. Association for Behavior Analysis International 11th International Conference. Dublin, Ireland.
74. Williams, N., & **Cox, D.J.** (Sep, 2022). Exploring indicators of healthy business practices and high-quality applied behavior analysis services. Association for Behavior Analysis International 11th International Conference. Dublin, Ireland.
73. Kazemi, E., Friddle, M., & **Cox, D.J.** (Sep, 2022). Understanding guardian satisfaction with ABA treatment. Association for Behavior Analysis International 11th International Conference. Dublin, Ireland.
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 48th 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 48th 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 48th Annual Convention. Boston, MA.
69. **Cox, D.J.** (May, 2022). A multidisciplinary approach to data science. Association for Behavior Analysis International 48th Annual Convention. Boston, MA. [Professional Development Series]
68. ^**Cox, D.J.** (June, 2021). Behavioral data science: Applications at the intersection of artificial intelligence and 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 43rd 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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) 47th 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: An analysis of our current standing and the path forward. Association for Behavior Analysis International (ABAO) 47th 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., `Pateron, I.S., & Hine, K. (Oct, 2020). Understanding policing part II: A quantitative analysis. Association for Behavior Analysis International Culturo-Behavior Science for a Better World. New Orleans, LA. <https://doi.org/10.13140/RG.2.2.26351.46243>. Video summary: <https://youtu.be/IyAFJo7gAE>
52. `Pateron, 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) 82nd 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. Kadiant Continuing Education Expert Speaker Series. Atlanta, GA.
45. ^**Cox, D.J.** (October, 2019). Ethical decision-making: Theory, research, and practice. Kadiant 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. Kadiant 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) 81st 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) 81st 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*).24th International Conference on Comparative Cognition. Melbourne Beach, FL.<https://doi.org/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)

49. **^Cox, D. J.** (March, 2025). Data Science and Behavior Science: A Love Story in a Foreign Land. CalABA Annual Conference. Pasadena, CA.
48. **^Cox, D. J.** (December, 2024). AI Use Cases and Ethics in ABA Service Delivery. UMass Lowell Expert Speaker Series. Remote.
47. **^Cox, D.J.** (December, 2023). Advanced analytics and patient outcomes in ABA. Council for Autism Service Providers Invited Speaker Series. Remote.
46. **^Cox, D.J.** (December, 2023). Advanced analytics and patient outcomes in ABA. Maryland Association for Behavior Analysis Annual Conference. Towson, MD.
45. ***Parthum, E., Britwum, K., & Cox, D. J.** (December, 2023). Teaching practical problem solving skills to psychology students. Maryland Association for Behavior Analysis Annual Conference. Towson, MD.
44. **^Cox, D.J.** (September, 2022). Ethical decision-making: From basic to applied with room to grow. 42nd Annual Convention of the Florida Association for Behavior Analysis. Ponte Vedra, FL.
43. **Cox, D.J. & Kazemi, E.** (September, 2022). Assessment Tools for Individuals with Autism Spectrum Disorders (ASD): Choosing the Right Tool and Deriving Organizational Outcomes. Ponte Vedra, FL.
42. **^Cox, D.J.** (April, 2022). Models to help us understand complex phenomenon: From multiple control to predicting employee turnover. BABAT Massachusetts Professionals in Behavior Analysis Annual Social Event. Boston, MA.

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 94th 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? 41st 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. 41st 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? 41st 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. 41st 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. 41st 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. 41st 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 8th Annual Ethics in Professional Practice Conference. Beverly, MA.
24. ^**Cox, D.J.** (April, 2020). Big data and ABA: Possibilities and ethical use. 4th 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. 32nd 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 37th 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)

38. ^**Cox, D.J.** (October, 2023). Ethical considerations of using artificial intelligence in ABA. Western University. Guest Lecture.
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

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
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^(?) 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

Opinion Piece:

Title: APBA Ethics Skill Builder: Consent and Assent July 15, 2024
 Link: <https://www.apbahome.net/news/july-2024-issue-64-ethics-challenge>

Opinion Piece:

Title: How Learning to Code Saved My Intellectual Soul December 19, 2023
 Link: <https://link.medium.com/HpuSrPLCLFb>

Podcast: Autism Weekly:

Title: The Potential of AI and Data Analytics May 19, 2023
 Link: [Link to Episode on YouTube](#)

Podcast: ABA After Hours:

Title: Artificial Intelligence (AI) in Applied Behavior Analysis (ABA) May 16, 2023
 Link: [Link to Episode on Spotify](#)

Opinion Piece:

Title: The Intersection Between Autism Acceptance and Health Equity April, 2023
 Link: [Link to Blog Post](#)

Opinion Piece:

Title: Reflections on Artificial Intelligence, Technology and the Future of Behavior Analysis April, 2023
 Link: <https://link.medium.com/2uJLNMDn4yb>

Opinion Piece:

Title: Artificial Intelligence in ABA: Why Data Transparency Matters March, 2023
 Link: <https://www.rethinkfutures.com/resources/artificial-intelligence-aba-why-data-transparency-matters/>

- Podcast: The Skinner Report:
Title: State of BCBA/RBT Compensation and Turnover
In Applied Behavior Analysis February, 2022
Link: <https://podcasts.apple.com/us/podcast/the-skinner-report/id1609292492?i=1000551151497>
- Podcast: ABA On Call:
Title: Future Tech and ABA October, 2021
Link: <https://youtu.be/Ci0wS0XNIDY>
- Podcast: 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/>
- Podcast: Data Dump by Knowi:
Title: David Cox, CDO of BHCOE March, 2021
Link: 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
- Podcast: 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
- Podcast: Behavior Bitches: 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>
- Podcast: Behavioral Observations: November, 2019
Title: Humans, Drugs, and Machine Learning
Link: <https://behavioralobservations.com/eab-behavioral-pharmacology-addiction-psylocybin-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>

CHIEF EDITOR

The Experimental Analysis of Human Behavior Bulletin

July, 2022 – June, 2025

ASSOCIATE EDITOR

Behavior Analysis in Practice

Journal of Medical Internet Research mHealth and uHealth

Perspectives on Behavior Science

September, 2024 – August, 2027

July 2024 – June 2027

January, 2024 – December, 2026

AD HOC / GUEST ASSOCIATE EDITOR

Behavior Analysis in Practice

Perspectives on Behavior Science

March, 2022 – June, 2024

June, 2023 – October, 2022

INVITED ASSOCIATE EDITOR FOR JOURNAL SPECIAL ISSUES

Behavior and Social Issues

Topic: *Natural Experiments Using Open Access Data*

(in progress)

Behavior Analysis in Practice

Topic: *Advancing Ethics and Behavior Analysis with Data*

(in progress)

Perspectives on Behavior Science

Topic: *Big Data & Behavior Science*

(June, 2024)

BOARD OF EDITORS

Perspectives on Behavior Science

Single Case in the Social Sciences

Journal of Applied Behavior Analysis

Toward Data Science

January, 2024 – December, 2026

December, 2023 – Present

September, 2020 – Present

November, 2022 – October, 2023

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: Research and Practice

Behavior Analysis in Practice

Behavior Modification

Behavioral Interventions

Behavioural Processes
Bentham Science Publishers
Computational Brain & Behavior
Computer Methods in Biomechanics and Biomedical Engineering
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 Addictive Behaviors
Psychology of Sport and Exercise
Psychonomic Bulletin & Review
Psychopharmacology
Preventive Medicine
QEIOS
Towards Data Science
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

Assistant Director of Research (2024-present)

Adjunct Faculty & Doctoral Advisor (2019-2024)

- ABA 510: Conceptual Issues in Applied Behavior Analysis
- ABA 701: History of Behavior Analysis
- ABA 710: Conditioning and Learning
- ABA 761: Behavioral Pharmacology
- ABA 761: Introduction to Scientific Programming in Python
- ABA 761: Mathematical and Computational Modeling in Behavior Science
- ABA 761: Introduction to Artificial Intelligence in Behavior Science

Caldwell University: Caldwell, NJ

May 2021 – August 2021

Adjunct Faculty

- ABA 698: Introduction to Coding in Behavior Analysis

- Purdue University: Lafayette, IN January 2020 – May 2021
Adjunct Faculty
- EDCI 58500: Multicultural Education
 - EDPS 54800: Ethics and Professional Practice of ABA
- University of Texas, San Antonio: San Antonio, TX August 2019 – August 2020
Lecturer
- SPE 6403: Ethics and Cultural Implications for Applied Behavior Analysis
- Michigan State University: East Lansing, MI August 2018 – December 2018
Assistant Professor – Fixed Term
- CEP 844: Applied Behavior Analysis
- University of Florida: Gainesville, FL August 2014 – June 2018
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 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 for Whom I Served as Their Primary Advisor:

8. Ott, Joseph (2024-2026). Endicott College. Behavioral Data Science Research Lab.
7. Bediako, Jackie (2024-2027). Endicott College. Behavioral Data Science Research Lab.
6. Drugan-Eppich, Kylee (2024-2027). Endicott College. Behavioral Data Science Research Lab.
5. Santos, Carlos (2022-2026). Endicott College. Behavioral Data Science Research Lab.
4. Sotomayor, Javier (2021-2026). Endicott College. Behavioral Data Science Research Lab.
3. Cordeiro, Clara (2022-2025). Endicott College. Behavioral Data Science Research Lab.
2. Weil, Laura (2022-2025). Endicott College. Behavioral Data Science Research Lab.
1. Javed, Asim (2021-2024). Endicott College. Behavioral Data Science Research Lab.

Dissertation and Thesis Committees:

11. Fuhrmann, A. (2024-2025). Effectiveness of a decision tree to teach students to distinguish assent, consent, and compulsion. Dissertation Committee. Endicott College.
10. Foley, K. (2024-2025). Impact of choice on student outcomes in an online ABA master's program. Dissertation Committee. Endicott College.
9. Melton, B. (2024-2025). Operationally defining, measuring, and teaching compassionate skills to behavior analysts. Dissertation Committee. Endicott College.
8. Kaplan, A. (2023-2024). Estimation data collection. Dissertation Committee. Endicott College.
7. Javed, A. (2023-2024). Technology and quality of life: Exploring an app fast. Dissertation Committee & Primary Advisor. Endicott College.
6. White, Allison (2022-2023). Delay discounting to analyze teacher decision-making. Dissertation Committee. Michigan State University.
5. Klick, Sheila (2021-2022). Standardization: The Evaluation of Single-Subject Design. Dissertation Committee. Endicott College.
4. Plattner, Calandra (2021-2022). Feasibility and Effectiveness of Foundational Motivational Interviewing Training with Behavior Analysts. Dissertation Committee. Endicott College.
3. Driscoll, Natalie M. (2021-2022). Teaching Safety Domains to Students of Applied Behavior Analysis: Finding the Balance Between Promoting Independence and Minimizing Risk for Adults with Disabilities. Endicott College.
2. Schunk, Alec (2020-2021). Alternative reinforcer magnitude and resurgence. Thesis Committee. Caldwell University.
1. 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/Immersion:

7. Diaz-Salvat, C. (September 2024 – December 2024). TBD.
6. Cordeiro, C. (September 2024 – December 2024). Establishing effective database foundations for research, clinical, and operational best practices in ABA organizations.
5. Weil, L. F. (January 2024 – August 2024). Relation between climate, human behavior, and Florida bald eagle fledgling success: A behavioral ecological analysis.
4. Santos, C. (August 2023 – December 2023). Quantitative models underlying resurgence.
3. Javed, A. (January 2021 – May 2021). Python programming for behavior scientists.
2. Driscoll, N. (January 2021 – May 2021). Python programming for behavior scientists.
1. Roberts, Olivia (June 2020 – August 2020). Identifying opportunities to improve diabetes outcomes using behavioral data science. GuideWell.

University of Florida: Gainesville, FL
Graduate Project Supervisor in Animalia Research Lab

January 2016 – June 2018

University of Florida: Gainesville, FL
Undergraduate Psychology Advisor

Aug 2015 – Aug 2016; Aug 2017 – June 2018

Supervision of Student Independent Research:

8. Driscoll, N. (Jan, 2021-May, 2021). Behavioral data science research immersion.
7. Rosales, M.K. (July, 2020-present). Computational analyses of the generalized matching law and dynamic state variables in sport contexts.
6. Drabek, Austin (2016-2017). Further comparison of 5-trial and adjusting amount delay and probability discounting tasks of hypothetical monetary losses.
5. Martinez, Monica (2016-2017). Examination of the use of multiple schedules to maintain intervention effects.
4. Le Corre, Juliette (2016-2017). Examination of amount on the description-experience gap.
3. 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.
2. 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.
1. 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

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

Supervision of University of Florida Undergraduate Research Assistants

Fall 2014 – June 2018

- 116 students total spanning four years

NON-ACADEMIC WORK EXPERIENCE

RethinkFirst: New York, NY
VP of Data Science

October 2022 – present

90North: New York, NY
Consulting Data Scientist & Data Engineer

June 2022 – October 2022

Behavioral Health Center of Excellence: Jacksonville, FL
Chief Data Officer

October 2020 – October 2022

#DoBetterMovement
Consulting Clinical Ethicist

June 2020 – February 2021

Glimpse K12: Remote <i>Consulting Data Scientist</i>	February 2020 – December 2020
GuideWell: Jacksonville, FL <i>Principal Analyst: Behavioral Science & Analytics</i> <i>Department of Data Science</i>	April 2020 – October 2020
Insight Data Science: Remote <i>Data Scientist</i>	January 2020 – April 2020
Kadiant: Remote <i>Clinical Consultant</i>	September 2019 – April 2020
Johns Hopkins University School of Medicine: Baltimore, MD <i>Research Fellow</i>	July 2018 – April 2020
Behavior Change Institute: Remote <i>Quality Assurance Advisor</i>	August 2015 – April 2020
Behavior Health & Technology Research Clinic: Gainesville, FL <i>Behavior Analyst; Director of Research</i>	February 2016 – June 2018
Behavioral Learning Systems: Gainesville, FL <i>Consulting BCBA</i>	January 2015 – August 2015
STE Consultants, LLC: Berkeley, CA <i>Clinical Director</i>	December 2011 – August 2014
Cox Behavioral Consulting, LLC: Denver, CO <i>Owner & 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

Mosaic Pediatric Therapy Saratoga Springs, NY	August 2024 – present
Center for Autism Advocacy: Research, Education, and Supports (CAARES) Saratoga Springs, NY	October 2020 – present

SERVICE

Artificial Intelligence Committee; Institute for Applied Behavioral Science <i>Chair & Director</i>	August, 2024 – Present
NeurIPS 2024 Conference <i>Ethics Reviewer</i>	July, 2024
Reimagining Ethics for Behavior Analysts <i>Steering Committee & Conceptual Track Coordinator</i>	January, 2024 – October, 2024
NASQN ABA Process Quality Research Workgroup <i>Member</i>	May, 2024 – August, 2024
RethinkFirst Knowledge Committee <i>Subject Matter Expert</i>	March, 2024 – Present
RethinkFirst AI Ethics Committee <i>Founder, Chair, & SME</i>	September, 2023 – Present
Audubon Society of Florida <i>Eagle Watch Volunteer</i>	September, 2023 – August, 2024
American Psychological Association, Division 25 <i>Member At Large</i>	January, 2023 – Present
Experimental Analysis of Human Behavior Special Interest Group <i>President</i>	February, 2022 – Present
Behavior Analysts Who Code <i>Founder & Member</i>	May, 2020 – Present
ABAI: Ethics and Behavior Analysis Special Interest Group <i>Founder & Member; Past Positions: President, Vice President</i>	September, 2012 – Present
NeurIPS 2023 Conference <i>Ethics Reviewer</i>	July, 2023
Insight Data Science: Remote <i>Alumni Mentor</i>	January 2021 – June 2021
Behavior Analyst Certification Board: Littleton, CO <i>Testing & 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 & 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 & 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 & 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 25: Behavior Analysis

American Society of Bioethics and Humanities

Association for the Advancement of Artificial Intelligence

Association for Behavior Analysis International

Experimental Analysis of Human Behavior SIG

Ethics and Behavior Analysis SIG

Verbal Behavior SIG

Behavior Analysts Who Code

Coalition for Health AI

National ABA Service Quality Network (NASQN)

Society for the Quantitative Analysis of Behavior