

Tyler G. Erath, PhD
Curriculum Vitae, April 2025

Personal Information

Assistant Professor
Department of Psychiatry
Vermont Center on Behavior and Health
University of Vermont
1 South Prospect St
Burlington, VT 05405

Email: tyler.erath@uvm.edu

Specialization

Behavior analysis, contingency management, stimulant use, tobacco use
disparities

Education

Ph.D.	2021	Behavioral Psychology University of Kansas, Lawrence, KS Advisor: Florence D. DiGennaro Reed, PhD, BCBA-D
M.A.	2016	Experimental Psychology Appalachian State University, Boone, NC Advisor: Cynthia M. Anderson, PhD, BCBA-D
B.S.	2013	Psychology, Business Concentration Appalachian State University, Boone, NC Magna Cum Laude

Awards and Honors

Baer, Wolf, and Risley Outstanding Graduate Student Award, 2021
Department of Applied Behavioral Science, University of Kansas

Distinguished Scholar, 2018 – 2021
Cambridge Center for Behavioral Studies

B.F. Skinner Foundation Student Research Award, 2020
Berkshire Association for Behavior Analysis and Therapy

Scholarly Activity

Peer-Reviewed Manuscripts

28. Rash, C. J., McDonell, M. G., **Erath, T. G.**, Parent, S. C., Rawson, R. A., & Wattenberg, S. (2025). A call to action: Evidence-based contingency management. *The American Journal of Psychiatry*, appiajp20240261. Advance online publication. <https://doi.org/10.1176/appi.ajp.20240261>

27. **Erath, T. G.**, Chen, F. F., DeSarno, M., Devine, D., Leventhal, A. M., Bickel, W. K., & Higgins, S. T. (2025). Cumulative psychosocial and health disparities in US adolescent cigarette smoking, 2002-2019. *Journal of the National Cancer Institute*, 117(4), 665–672. <https://doi.org/10.1093/jnci/djae286>
26. Higgins, S. T., **Erath, T. G.**, & Chen, F. (2024). Examining U.S. disparities in smoking among rural versus urban women of reproductive age: 2002-2019. *Preventive medicine*, 188, 108115. <https://doi.org/10.1016/j.ypmed.2024.108115>
25. **Erath, T. G.**, Schulz, J. A., Hinton, A., Mehta, T., Reed, D. D., Tidey, J. W., Wagener, T. L., & Villanti, A. C. (2024). Examining the predictive utility of behavioral economic demand indices and subjective effects on the actualized reinforcing value of menthol cigarettes and potential alternatives. *Nicotine and Tobacco Research*, ntae086, <https://doi.org/10.1093/ntr/ntae086>
24. **Erath, T. G.**, LaCroix, R., O’Keefe, E., Higgins, S. T., & Rawson, R. A. (2024). Substance use patterns, sociodemographics, and health profiles of harm reduction service recipients in Burlington, Vermont. *Harm Reduction Journal*, 21(1), 76, <https://doi.org/10.1186/s12954-024-00995-y>
23. Wagener, T. L., Mehta, T., Hinton, A., Schulz, J. A., **Erath, T. G.**, Tidey, J. W., & Villanti, A. C. (2024). Addiction potential of combustible menthol cigarette alternatives: A randomized clinical trial. *Tobacco Control*, 33(e1), e97-e105. <https://doi.org/10.1136/tc-2022-057421>
22. Villanti, A. C., Hinton, A., Schulz, J. A., **Erath, T. G.**, Mehta, T., Reed, D. D. Tidey, J. W., Businelle, M., & Wagener, T. L. (2023). Substitutability of combustible menthol cigarette alternatives: A clinical trial. *Tobacco Control*, <https://doi.org/10.1136/tc-2023-058272>
21. Schulz, J. A., Regnier, S. D., **Erath, T. G.**, Mullis, L. C., Nugent, A., Atwood, G. S., & Villanti, A. C. (2023). Smoking cessation interventions for US adults with disabilities: a systematic review. *Addictive Behaviors*, 107905, <https://doi.org/10.1016/j.addbeh.2023.107905>
20. Kock, L. S., **Erath, T. G.**, Coleman, S. R., Higgins, S. T., & Heil, S. H. (2023). Contingency management interventions for abstinence from cigarette smoking in pregnancy and postpartum: A systematic review and meta-analysis. *Preventive Medicine*, 107654. <https://doi.org/10.1016/j.ypmed.2023.107654>
19. Rawson, R. A., & **Erath, T. G.**, and Clark, H. W. (2023). The fourth wave of the overdose crisis: Examining the prominent role of psychomotor stimulants with and without fentanyl. *Preventive Medicine*, 176, 107525. <https://doi.org/10.1016/j.ypmed.2023.107625>
18. Kamana, B. U., Dozier, C., Kanaman, N. A., DiGennaro Reed, F. D., Glaze, S. M., Markowitz, A. M., Hangen, M. M., Harrison, K., Bernstein, A. M., Jess, R. L. & **Erath, T. G.** (2023). Increasing Staff Prevention Practices in Programs for Adults with Intellectual and Developmental Disabilities. *Behavioral Interventions*, 39(1), e1971. <https://doi.org/10.1002/bin.1971>

17. Rawson, R. A., **Erath, T. G.**, Chalk, M., Clark, H. W., McDaid, C., Roll, J. M., McDonell, M. G., Parent, S., & Freese, T. E. (2023). Contingency management for stimulant use disorder: Progress, challenges, and recommendations. *Journal of Ambulatory Care Management*, *46*(2), 152-159. <https://doi.org/10.1097/JAC.0000000000000450>
16. Schulz, J. A., Atwood, G. S., Regnier, S. D., Mullis, L. C., Nugent, A., **Erath, T. G.**, & Villanti, A. C. (2023). Smoking cessation interventions for US adults with disabilities: protocol for a systematic review. *BMJ open*, *13*(3), e066700. <https://doi.org/10.1136/bmjopen-2022-066700>
15. **Erath, T. G.**, Browning, K. O., Evemy, C., Feinstein, M. J. P., Wiley, R. C., Klemperer, E. M., DeSarno, M., & Higgins, S. T. (2022). A review of research on cigarette smoking in Preventive Medicine in recognition of the journal's 50th anniversary. *Preventive Medicine*, *164*, 107335. <https://doi.org/10.1016/j.ypped.2022.107335>
14. Higgins, S. T., **Erath, T. G.**, DeSarno, M., Gaalema, D. E., Levanthal, A. M., Sigmon, S. C., Heil, S. H., & Tidey, J. W. (2022). Leveraging the cigarette purchase task to understand relationships between cumulative vulnerabilities, the relative reinforcing effects of smoking, and response to reduced nicotine content cigarettes. *Preventive Medicine*, *165*, 107206. <https://doi.org/10.1016/j.ypped.2022.107206>
13. Blackman, A. L., DiGennaro Reed, F. D., **Erath, T. G.**, & Henley, A. J. (2022). A survey of staff training and performance management practices: An update. *Behavior Analysis in Practice*, *16*, 731-744. <https://doi.org/10.1007/s40617-022-00762-0>
12. **Erath, T. G.**, & DiGennaro Reed, F. D. (2022). Technology-based contingency management for walking to decrease prolonged periods of workday sitting. *Journal of Applied Behavior Analysis*, *55*(3), 746-762. <https://doi.org/10.1002/jaba.917>
11. Blackman, A. L., Ruby, S. A., Bartle, G., DiGennaro Reed, F. D., Strouse, M., **Erath, T. G.**, & Leon-Barrajas, M. (2022). Effects of a systems-level intervention to improve trainer integrity in a behavioral healthcare organization. *Advances in Neurodevelopmental Disabilities*, *6*, 304-314. <https://doi.org/10.1007/s41252-022-00245-x>
10. Blackman, A. L., Novak, M. D., DiGennaro Reed, F. D., & **Erath, T. G.** (2021). The efficacy of variations of observation and data recording on trainee performance. *Journal of Organizational Behavior Management*, *42*, 174-200. <https://doi.org/10.1080/01608061.2021.1979708>
9. **Erath, T. G.**, DiGennaro Reed, F. D., & Blackman, A. L. (2021). Training human service staff to implement behavioral skills training using a video-based intervention. *Journal of Applied Behavior Analysis*, *54*(3), 1251-1264. <https://doi.org/10.1002/jaba.827>
8. **Erath, T. G.**, Pellegrino, A. J., DiGennaro Reed, F. D., Ruby, S. A., Blackman, A. L., & Novak, M. D. (2021). Experimental research methodologies in organizational behavior management. *Journal of Organizational Behavior Management* (invited), *41*(2), 150-181. <https://doi.org/10.1080/01608061.2020.1869137>

7. Gelino, B. W., **Erath, T. G.**, & Reed, D. D. (2021). Green living: A systematic review of pro-environmental empirical research in behavior analysis. *Behavior and Social Issues*, 30, 587–611. <https://doi.org/10.1007/s42822-020-00043-x>
6. **Erath, T. G.**, & DiGennaro Reed, F. D. (2020). A brief review of technology-based antecedent training procedures. *Journal of Applied Behavior Analysis*, 53(2), 1162–1169. <https://doi.org/10.1002/jaba.633>
5. **Erath, T. G.**, DiGennaro Reed, F. D., Sundermeyer, H. W., Brand, D., Novak, M. D., Harbison, M., & Shears, R. (2020). Enhancing the training integrity of human service staff using pyramidal behavioral skills training. *Journal of Applied Behavior Analysis*, 53(1), 449–464. <https://doi.org/10.1002/jaba.608>
4. Novak, M. D., Blackman, A. L., **Erath, T. G.**, & DiGennaro Reed, F. D. (2020). Operant renewal of desirable behavior in a simulated workplace: A translational model. *Journal of the Experimental Analysis of Behavior*, 113(1), 172–186. <https://doi.org/10.1002/jeab.566>
3. Brand, D., DiGennaro Reed, F. D., Morley, M. D., **Erath, T. G.**, & Novak, M. D. (2020). A Survey Assessing Privacy Concerns of Smart-Home Services Provided to Individuals with Disabilities. *Behavior Analysis in Practice*, 13(1), 11–21. <https://doi.org/10.1007/s40617-018-00329-y>
2. Novak, M. D., DiGennaro Reed, F. D., **Erath, T. G.**, Blackman, A. L., Ruby, S. A. & Pellegrino, A. J. (2019). Evidence-based performance management: Applying behavioral science to support practitioners. *Perspectives on Behavior Science*, 42(4), 955–972. <https://doi.org/10.1007/s40614-019-00232-z>
1. DiGennaro Reed, F. D., Blackman, A. L., **Erath, T. G.**, Brand, D., & Novak, M. D. (2018). Guidelines for using behavioral skills training to provide teacher support. *Teaching Exceptional Children*, 50, 373-380. <https://doi.org/10.1177/0040059918777241>

Book Chapters

6. Heil, S. H., **Erath, T. G.**, Harfmann, R. F., & Higgins, S. T. (2024). Contingency management and the community reinforcement approach. *The ASAM Essentials 4th edition*.
5. Heil, S. H., **Erath, T. G.**, Harfmann, R. F., & Higgins, S. T. (2022). Contingency management and the community reinforcement approach. *The ASAM Principles of Addiction Medicine 7th edition*.
4. DiGennaro Reed, F. D., Blackman, A. L., **Erath, T. G.**, Ruby, S. A., Pellegrino, A. J., Walker, B., & Novak, M. D (2021). Advancing organizational behavior management practice and research within intellectual and developmental disability service settings. In J. K. Luiselli, R. M. Gardner, F. L. Bird, & H. Maguire (Eds.), *Organizational Behavior Management Approaches for Intellectual and Developmental Disabilities*. (Invited)
3. Gelino, B. W., **Erath, T. G.**, Seniuk, H. A., Luke, M. M., Berry, M. S., Fuqua, R. W., & Reed, D. D. (2020). Sustainability: A behavior analytic approach. In M. A.

Mattaini & T. M. Cihon (Eds.), *Behavior Science Perspectives on Culture and Community*. Springer.

2. DiGennaro Reed, F. D., **Erath, T. G.**, Brand, D., & Novak, M. (2019). Video modeling during coaching and performance feedback. Video modeling during coaching and performance feedback. In A. J. Fischer, T. A. Collins, E. H. Dart, & K. C. Radley (Eds.), *Technology applications in school consultation, supervision, and school psychology training* (pp. 46–61). Routledge.
1. DiGennaro Reed, F. D., Novak, M. D., **Erath, T. G.**, Brand, D., & Henley, A. J. (2018). Pinpointing and measuring employee behavior. In B. Wine & J. Pritchard (Eds.), *Organizational behavior management: The essentials* (pp. 143–168). Hedgehog Publishers

Manuscripts in Preparation

Erath, T. G., & Rawson, R. A. (in progress). Contingency management for stimulant use disorder: Protocol recommendations for optimizing implementation as a public health intervention. *Journal of Addiction Medicine*

Erath, T. G., LaCroix, R., O’Keefe, E., Higgins, S. T., & Rawson, R. A. (in progress). Interest in contingency management and other treatment services among individuals participating in a low-barrier syringe exchange program. *International Journal of Drug Policy*

Research Awards and Grants

Ongoing Grant Support

1K01DA060309 (PI: Erath) 01/25 – 12/29
 NIDA/HEAL
 Total Amount Requested: \$887,240
 Role: *Project Principal Investigator*

This K01 proposal is designed to provide mentored training in implementation science to become an independent investigator advancing the use of evidence-based treatment for stimulant use disorder (StimUD) and other substance use disorders (SUD) in harm reduction and other community settings. The training proposal includes (1) formal coursework in implementation science, (2) expert mentorship and hands-on learning in implementation science and StimUD treatment development, and (3) leading original implementation science research. The goal of this research is to generate new knowledge and strategies to advance the implementation of contingency management, an evidence-based treatment for StimUD, in community settings and extend its use to the potential treatment setting of syringe service programs.

B.1102 (PI: Erath, CO-I: Rawson) 05/24 – 09/25
 Vermont Department of Health/Department of Substance Use
 Total Amount Requested: \$179,550
 Role: *Principal Investigator*

The overarching goal of this support is to provide expertise, training, and technical assistance for the implementation of contingency management for substance use providers in Vermont. This work includes creating evidence-based contingency

management protocols, staff training and support, tracking and documentation, and interpreting and reporting outcomes. In total, we expect to provide training, coaching, and technical assistance to approximately 19 substance use providers with 29 locations across the state. These preferred provider organizations include opioid treatment programs, intensive outpatient programs, treatment courts, and youth service programs. This work is funded through opioid response settlement funds.

15PBJA-21-GG-04548-COAP (PI: Erath, CO-I: Rawson) 07/24 – 10/25
 New York State Unified Court System/Bureau of Justice Assistance
 Total Amount Requested: \$32,000
 Role: *Principal Investigator*

The goal of the project is to develop and deliver a recorded webinar series of recorded trainings on of the two topics of Contingency Management and Community Reinforcement Approach, which will be provided to New York State opioid intervention court staff, substance use treatment clinicians, and certified recovery peer advocates.

P30GM149331 (PI: Higgins) 07/24 – 07/26
 NIH/NIGMS
 Vermont Center on Behavior and Health
 Total Amount Requested: \$73,950
 Role: *Project Principal Investigator*

The overarching focus of the VCBH is on developing and evaluating clinical interventions for health- related risk behaviors (e.g., substance abuse, sedentary lifestyle, medication non-adherence) and examining decision-making biases and other potential mechanisms underpinning vulnerability to unhealthy behavior patterns using a behavioral economic conceptual framework. Phase 3 of the Center of Biomedical Research Excellence (COBRE) supports the VCBH's competitiveness in obtaining external grants to foster new research and dissemination initiatives. The project entitled "Adapting Stimulant Use Treatment for Syringe Service Program Settings" is a formative qualitative study that includes informant-based interviews conducted with individuals with stimulant use disorder (StimUD) who participate in syringe service program (SSP) services to identify contextual determinants to participating in contingency management (CM) treatment for their StimUD. In our initial pilot study, we sought to examine potential interest in CM as well as the preliminary feasibility, acceptability, and efficacy of CM to reduce stimulant use. Informed by the results of these initial efforts, our overarching goal is to continue this work and gain person-centered perspectives on providing and receiving StimUD treatment in SSP settings.

U54DA036114 (PI: Higgins) 06/23 – 08/24 (NCE)
 NIDA/FDA
 University of Vermont Tobacco Center of Regulatory Science
 Total Amount Requested: \$24,184
 Role: *Rapid Response Project Principal Investigator*

This Center serves as a scientific resource for the Food and Drug Administration (FDA) in carrying out its tobacco regulatory responsibilities granted under the 2009 Family Smoking and Prevention Tobacco Control Act. The goal of this project, entitled "Using crowdsourcing to examine the substitutability of alternative products among menthol smokers within a US menthol ban", was to use a behavioral economic approach to examine how individuals who smoke menthol cigarettes would substitute alternative products if (a) combustible menthol cigarettes were banned, (b) combustible menthol cigarettes and flavored little cigars and cigarillos were banned, and (c) menthol electronic

nicotine devices were banned. To do so, we adapted and used the Experimental Tobacco Marketplace with participants who were recruited from two crowdsourced platforms, Prolific and Amazon mTurk.

Completed Grant Support

P20GM103644 (PI: Higgins) 10/22 – 08/24
 NIH/NIGMS
 Vermont Center on Behavior and Health
 Total Amount Requested: \$154,609
 Role: *Project Principal Investigator*

The overarching focus of the VCBH is on developing and evaluating clinical interventions for health-related risk behaviors (e.g., substance abuse, sedentary lifestyle, medication non-adherence) and examining decision-making biases and other potential mechanisms underpinning vulnerability to unhealthy behavior patterns using a behavioral economic conceptual framework. The project entitled, “Financial Incentives for Stimulant Abstinence in a Syringe Service Program” had a twofold goal: (1) to better understand current substance use patterns among service recipients and (2) examine the preliminary feasibility, acceptability, and efficacy of contingency management (CM) for individuals with stimulant use disorders (StimUD) who participate in a low-barrier syringe service program.

Current Projects

Erath, T. G., Rawson, R., & Higgins, S. T. (data collection completed). Contingency management for stimulant use among individuals participating in a low-barrier syringe service program.

Erath, T. G., Higgins, S. T., Feinstein, M. J., & Klemperer, E. Using crowdsourcing to examine the substitutability of alternative products among menthol smokers within a simulated menthol ban.

Professional Presentations

Oral Presentations

Higgins, S. T., & **Erath, T. G.** (2025, March). The power of incentives: Leveraging a contingency management approach to address tobacco use for individuals with mental health and substance use challenges. Invited presentation. National Center of Excellence for Tobacco-Free Recovery, Cicatelli Associates Inc.

Erath, T. G. (2024, October). Rurality and gender differences in adolescent cigarette smoking. Invited presentation. In S. H. Heil (Chair), *Tobacco Use: Intersections with Chronic Health Conditions, Rurality, and Sex*. Vermont Center on Behavior and Health 12th Annual Conference, Burlington, VT.

Erath, T. G. (2024, May). Contingency management for stimulant use: Safe Recovery pilot project. Invited presentation. City of Burlington Community Stat meeting, Burlington, VT.

Erath, T. G. (2024, April). Disseminating and implementing contingency management for stimulant use disorder in rural community-based settings. Invited presentation. University of Vermont Center on Rural Addiction (CORA)

Community Rounds Workshop. Virtual.
https://www.youtube.com/watch?v=Hwfb_uL3Uel&t=2s

- Erath, T. G.** (2023, October). Contingency management: current considerations for implementation in community settings. Invited presentation. In K. R. Peck (Chair), *Lunch and Learn: Disseminating Evidence-Based Interventions for Substance Use Disorders into Community Settings*. Vermont Center on Behavior and Health 11th Annual Conference, Burlington, VT.
- Erath, T. G.** (2023, August). The fourth wave of the U.S. overdose crisis: disseminating incentive-based interventions for psychomotor stimulant use disorder into community settings. In S. T. Higgins (Chair), *Disseminating Evidence-Based Interventions for Substance Use Disorders into Community Settings*. Northeast Regional IDEa Conference. Wilmington, DE, United States.
- Erath, T. G.**, Rawson, R. A., and Clark, H. W. (2023, April). Contingency Management: An Essential Treatment Approach for Individuals with Stimulant Use Disorder, Some Current Challenges and Considerations. In T. G. Erath (Chair), *Contingency Management: Critical Issues for Successful Adoption*. American Society for Addiction Medicine Annual Conference. Washington, DC, United States.
- Erath, T. G.**, DeSarno, M., Reed, D. D., Gaalema, D. E., Sigmon, S. C., Heil, S. H., Tidey, J. W., & Higgins, S. T. (2022, October). Using the Cigarette Purchase Task to Understand Relations between Cumulative Vulnerabilities, the Relative Reinforcing Effects of Smoking, and Response to Reduced Nicotine Content Cigarettes. In S. T. Higgins (Chair), *Invited Plenary Session 8: Implications of a low nicotine product standard*. Tobacco Centers on Regulatory Science Annual Grantee Meeting, Virtual.
- Erath, T. G.**, & DiGennaro Reed, F. D. (2022, May). Remote Contingency Management for Walking to Prevent Prolonged Periods of Workday Sitting. In M. D. Novak (Chair), *Applications of contingency management to support healthy behaviors*. Association for Behavior Analysis International Annual Convention, Boston, MA, United States.
- Bartle, G., Blackman, A. L., Ruby, S. A., DiGennaro Reed, F. D., & **Erath, T. G.** (2022, May). Effects of a Systems-Wide Intervention to Improve Trainer Integrity in a Behavioral Healthcare Organization. In G. Bartle (Chair), *Recent advancements in staff training interventions*. Association for Behavior Analysis International Annual Convention, Boston, MA, United States.
- Erath, T. G.**, Higgins, S. T., DeSarno, M., Gaalema, D. E., Leventhal, A. M., Sigmon, S. C., Heil, S. H., & Tidey, J. W. (2021, October). A Behavioral-economic Examination of Differences in the Relative Reinforcing Value of Cigarette Smoking Among those with Cumulative Vulnerabilities. Vermont Center on Behavior and Health 9th Annual Conference, Virtual.
- Erath, T. G.** (2021, July). Remote Technology-Based Contingency Management to Increase Workday Walking and Decrease Prolonged Periods of Sitting. Vermont Center on Behavior and Health Annual Trainee Retreat, Virtual.
- Novak, M. D., Blackman, A. L., **Erath, T. G.**, & DiGennaro Reed, F. D. (2021, May). Operant renewal of desirable behavior in a simulated workplace: A translational

model. In M. D. Keevy (Chair), *Extending the renewal literature through basic and translational research*. Association for Behavior Analysis International Annual Convention, Virtual.

- Gelino, B. W., **Erath, T. G.**, & Reed, D. D. (2020, May). Taking our seat at the table: Behavior analysis and the advancement of global sustainability. In R. F. Rakos (Chair), *We ARE acting to save the world: Behavior analysis addresses systems-level problems*. Association for Behavior Analysis International Annual Convention, Virtual.
- Blackman, A. L., Novak, M. D., **Erath, T. G.**, & DiGennaro Reed, F. D. (2020, May [Symposium canceled]). Operant renewal of desirable behavior in a simulated workplace: A translational model. In S. D. Haney (Chair), *Translational and applied investigations of renewal*. Association for Behavior Analysis International Annual Convention, Washington, DC, United States.
- Novak, M. D., Blackman, A. L., **Erath, T. G.**, & DiGennaro Reed, F. D. (2020, May [Symposium canceled]). Operant renewal of desirable behavior in a simulated workplace: A translational model. In M. D. Keevy (Chair), *Extending the renewal literature through basic and translational research*. Association for Behavior Analysis International Annual Convention, Washington, DC, United States.
- Erath, T. G.**, DiGennaro Reed, F. D., & Blackman, A. L. (2019, May). Increasing the training repertoires of human service staff using a technology-based intervention. In S. Ruby (Chair), *Recent Advancements in Treatment Integrity Assessment and Intervention*. Association for Behavior Analysis International Annual Convention, Chicago, IL, United States.
- Blackman, A. L., Novak, M. D., **Erath, T. G.**, Gallagher, R., & DiGennaro Reed, F. D. (2019, May). The impact of variations in training on the observer effect. In R. Carroll (Chair), *Technological advances in staff training*. Symposium presented at the 45th annual Association of Applied Behavior Analysis International Conference, Chicago, IL.
- Brand, D., DiGennaro Reed, F. D., Morley, M. D., **Erath, T. G.**, & Novak, M. D. (2019, May). A survey assessing privacy concerns of smart-home services provided to adults with disabilities. In M. Passage (Chair), *Exploring the role of technology in behavior analysis*. Symposium presented at the 45th annual Association of Applied Behavior Analysis International Conference, Chicago, IL.
- Erath, T. G.**, DiGennaro Reed, F. D., Sundermeyer, H. W., Brand, D., Novak, M. D., & Harbison, M. (2018, May). Enhancing the fidelity of in-home training by novice trainers using pyramidal behavioral skills training. In D. Brand (Chair), *Novel applications of behavior analytic training procedures*. Symposium presented at the 44th Annual Convention of the Association for Behavior Analysis International, San Diego, CA.
- Erath, T. G.**, DiGennaro Reed, F. D., Sundermeyer, H. W., Brand, D., Novak, M. D., & Harbison, M. (2017, October). Increasing the accuracy of behavioral skills training by novice trainers using antecedent training procedures. In F. D. DiGennaro Reed (Chair), *Basic to applied research in organizational behavior management*. Symposium presented at the 38th Annual Conference of the Berkshire Association for Behavior Analysis and Therapy, Amherst, MA.

Erath, T. G. (2017, May). Fostering professional skills and service quality: Recent advancements in pre-intervention assessment in human services. Symposium presented at the 43rd Annual Convention of the Association for Behavior Analysis International, Denver, CO.

Poster Presentations

Rawson, R. A., & **Erath, T. G.** (2024, October). The devil is in the details: The contingency management decisions you never knew you'd need to make, and how to make them. Addiction Health Services Research Conference, San Francisco, California.

Erath, T. G., LaCroix, R., O'Keefe, E., Higgins, S. T., & Rawson, R. A. (2024, June). Interest in Treatment, Reducing, and Stopping Stimulant and Opioid Use Among Syringe Service Program Participants in Vermont. College for Problems of Drug Dependence 86th Annual Conference, Montreal, Canada.

Feinstein, M. J. P., **Erath, T. G.**, Thrailkill, E., DeSarno, M., Medina, N., Higgins, S. T., & Klemperer, E. M. (2024, June). A Test of Nicotine Product Substitution for Cigarettes and Differences by Vulnerabilities to Smoking Using the Experimental Tobacco Marketplace. College for Problems of Drug Dependence 86th Annual Conference, Montreal, Canada.

Kock, L., **Erath, T. G.**, & Heil, S. (2024, June). Cigarette Smoking and Electronic Nicotine Product Use Among People With Stimulant Use Disorder – Estimates From the 2021 National Survey on Drug Use and Health. College for Problems of Drug Dependence 86th Annual Conference, Montreal, Canada.

Feinstein, M. J. P., **Erath, T. G.**, Thrailkill, E., DeSarno, M., Medina, N., Higgins, S. T., & Klemperer, E. M. (2024, March). Substitutability of combusted and non-combusted nicotine products for cigarettes using the Experimental Tobacco Marketplace. Society for Research on Nicotine and Tobacco Annual Conference, Edinburgh, Scotland.

Chrzan, K., **Erath, T. G.**, Curran, H., Atkinson, L., Suraapaneni, S., Ferketich, A., Mays, D., Wagener, T. L., & Keller-Hamilton, B. (2024, March). Development of the Novel Oral Tobacco Purchase Task. Society for Research on Nicotine and Tobacco Annual Conference, Edinburgh, Scotland.

Erath, T. G., Chen, F. F., DeSarno, M., Devine, D., Leventhal, A. M., Bickel, W. K., & Higgins, S. T. (2023, October). Cumulative psychosocial and health disparities in US Adolescent cigarette smoking from 2002 to 2019. Vermont Center on Behavior and Health 11th Annual Conference, Burlington, VT.

Heil, S. H., Kock, L. S., **Erath, T. G.**, Coleman, S. R. M., & Higgins, S. T. (2023, September). Financial Incentives for Smoking Abstinence among Pregnant and Postpartum Women: A Systematic Review and Meta-analysis. Society for Research on Nicotine and Tobacco Annual European Conference, London, United Kingdom.

Erath, T. G., Schulz, J. A., Hinton, A., Mehta, T., Tidey, J. W., Wagener, T. L., & Villanti, A. C. (2023, March). Predicting Response Effort to Use Usual Brand Menthol Cigarettes Under a Simulated Menthol Cigarette Ban. Society for Research on Nicotine and Tobacco Annual Conference, San Antonio, TX.

- Villanti, A. C., Schulz, J. A., Hinton, A., **Erath, T. G.**, Mehta, T., Tidey, J. W., Businelle, M., & Wagener, T. L., & (2023, March). Substitutability of Combustible Menthol Cigarette Alternatives: A Randomized Clinical Trial. Society for Research on Nicotine and Tobacco Annual Conference, San Antonio, TX.
- Erath, T. G.**, Schulz, J. A., Hinton, A., Mehta, T., Tidey, J. W., Wagener, T. L., & Villanti, A. C. (2022, October). Predicting Response Effort to Use Usual Brand Menthol Cigarettes Under a Simulated Menthol Cigarette Ban. Vermont Center on Behavior and Health 10th Annual Conference, Burlington, VT.
- Schulz, J. A., **Erath, T. G.**, Mehta, T., Hinton, A., Tidey, J. W., Villanti, A. C., & Wagener, T. L. (2022, May). Abuse Liability of Potential Menthol Cigarette Substitutes: A Randomized Controlled Trial in Adults Who Smoke Menthol Cigarettes. Association for Behavior Analysis International Annual Convention, Boston, MA.
- Erath, T. G.**, Higgins, S. T., DeSarno, M., Gaalema, D. E., Leventhal, A. M., Sigmon, S. C., Heil, S. H., & Tidey, J. W. (2022, March). A Behavioral-economic Examination of Differences in the Relative Reinforcing Value of Cigarette Smoking Among those with Cumulative Vulnerabilities. Society for Research on Nicotine and Tobacco Annual Conference, Baltimore, MD.
- Wagener, T. L., Mehta, T., Hinton, A., Schulz, J. A., **Erath, T. G.**, Tidey, J., & Villanti, A. C. (2022, March). Addiction potential of combustible menthol cigarette alternatives: A randomized clinical trial. Society for Research on Nicotine and Tobacco Annual Conference, Baltimore, MD.
- ***Erath, T. G.**, Blackman, A. L., & DiGennaro Reed, F. D. (2019, October). Improving the Training Repertoires of Human Service Staff Using a Technology-Based Intervention. Poster presented at Mid-American Association for Behavior Analysis Conference, Omaha, NE.
*Poster award: Best overall poster ($n = 50$)
- Blackman, A. L., Novak, M. D., **Erath, T. G.**, & DiGennaro Reed, F. D. (2019, October). Operant renewal of desirable behavior in a simulated workplace: A translational model. Poster presented at Mid-American Association for Behavior Analysis Conference, Omaha, NE.
- Blackman, A. L., Novak, M. D., **Erath, T. G.**, Gallagher, R. W., & DiGennaro Reed, F. D. (2018, September). Efficacy of variations of the observer effect on trainee performance. Poster presented at Mid-American Association for Behavior Analysis Conference, Normal, IL.
- Erath, T. G.**, & DiGennaro Reed, F. D. (2018, March) *Performance management center quality assurance indices*. Poster presented at the Annual Board of Directors Meeting for Community Living Opportunities, Overland Park, KS.
- Kanaman, N. A., Dozier, C. L., Kamana, B. U., Markowitz, A. M., Harrison, K. L., Bernstein, A. M., ... **Erath, T. G.** (2018, March). *Increasing staff healthy-behavioral practices in residential and day-program environments for adults diagnosed with IDD: A large scale study*. Poster presented at the Annual Board of Directors Meeting for Community Living Opportunities, Overland Park, KS.

- Brand, D., DiGennaro Reed, F. D., Bricker, J. N., **Erath, T. G.**, Novak, M. D., & Andrews, R. D. (2017, November). *Effects of antecedent-only training on service recipients' use of technology in smart homes*. Poster presented at the annual meeting of the Mid-American Association for Behavior Analysis, Milwaukee, WI.
- Erath, T. G.**, DiGennaro Reed, F. D., Sundermeyer, H. W., Harbison, M., Brand, D., Novak, M. D., & Shears, R. (2017, September). *Enhancing the efficacy of in-home training provided by residential supervisors*. Poster presented at the Semi-Annual Board of Directors Meeting for Community Living Opportunities, Lawrence, KS.
- Erath, T. G.**, & Anderson, C.M. (2016, February). *Acceptance-based interventions for direct care staff: An assessment of need*. Poster presented at the 27th Annual Conference of the North Carolina Association for Behavior Analysis, Wilmington, NC.
- Steele, K. M., Rash, L., Kimura, N., **Erath, T. G.**, Tobin, P., Gray, J., & Lusk, C. (2014, May). Does the color red reduce snack food consumption? Poster presented at the 26th annual meeting of the Association for Psychological Science, San Francisco, CA.
- Steele, K. M., Butts, A., **Erath, T. G.**, Gray, J., Kimura, N., Marger, S., Tobin, P., & Wray, A. (2013, May). Failure to replicate the Mehta and Zhu (2009) color effect. Poster presented at the 25th annual meeting of the Association for Psychological Science.

Workshops

- DiGennaro Reed, F. D., **Erath, T. G.**, & Novak, M. D. (2018, May). *Using behavioral science to produce organizational change*. Workshop presented at the Annual Convention of the Association for Behavior Analysis International, San Diego, CA.
- Erath, T. G.**, DiGennaro Reed, F. D., & Price, J. D. (2017, April). *Using behavioral science to produce organizational change*. Invited workshop presented at the Missouri Intellectual and Developmental Disabilities Providers Summit, Jefferson City, MO.

Teaching and Mentoring

Course Instructor

- | | |
|--|-------------|
| Introduction to Organizational Behavior Management (ABSC 470)
Department of Applied Behavioral Science (KU)
3 credits, online (synchronous) undergraduate course
Class size: 40 | Spring 2021 |
| Introduction to Organizational Behavior Management (ABSC 470)
Department of Applied Behavioral Science (KU)
3 credits, online (synchronous) undergraduate course
Class size: 35 | Fall 2020 |
| Introduction to Organizational Behavior Management (ABSC 470)
Department of Applied Behavioral Science (KU) | Spring 2020 |

3 credits, on-campus undergraduate course
(transitioned to online March 2020)
Class size: 25

Introduction to Child Development (ABSC 160) 2017 – 2020
Department of Applied Behavioral Science (KU) 9 semesters
3 credits, online undergraduate course
Fall/Spring (3 semesters); class size: 200
Summer Session (4 semesters); class size: 50
Winter Intersession (2 semesters); class size: 35

Introduction to Child Development (ABSC 160) 2016 – 2017
Department of Applied Behavioral Science (KU) 2 semesters
3 credits, hybrid undergraduate course
Class size: 200

Graduate Teaching Assistant

University of Kansas

Introduction to Organizational Behavior Management (ABSC 470) Fall 2019
Department of Applied Behavioral Science (KU)
3 credits, on-campus undergraduate course
Course Instructor: Florence D. DiGennaro Reed, Ph.D.

Introduction to Child Development (ABSC 160) Fall 2017
Department of Applied Behavioral Science (KU)
3 credits, on-campus undergraduate course
Course Instructor: Florence D. DiGennaro Reed, Ph.D.

OBM Practicum Supervisor (ABSC 682) 2016 – 2020
Department of Applied Behavioral Science (KU) 8 semesters
3 credits, on-campus undergraduate course
Course Instructor: Florence D. DiGennaro Reed, Ph.D.

Appalachian State University

Quantitative Methods in Psychology (PSY 5030) 2015 – 2016
Department of Psychology (ASU) 2 semesters
3 credits, on-campus *graduate course
Course Instructor: Twila Wingrove, Ph.D., J.D.

Applied Behavior Management (PSY 4700) 2014 – 2016
Department of Psychology (ASU) 4 semesters
3 credits, on-campus undergraduate course
Course Instructor: Cynthia M. Anderson, Ph.D.

Research Experience

NIH Postdoctoral Research Fellow 2021 – 2025
Vermont Center on Behavior and Health, University of Vermont
Advisor: Stephen T. Higgins, Ph.D., and Richard A. Rawson, Ph.D.
Project domains: contingency management, behavioral economics, substance use, tobacco use, implementation science

- Graduate Research Assistant 2016 – 2021
 Department of Applied Behavioral Science, University of Kansas
 Advisor: Florence D. DiGennaro Reed, Ph.D., BCBA-D
 Project domains: performance management, behavioral health, behavioral consultation, behavioral systems analysis, implementation science, staff training
- Graduate Research Assistant 2014 – 2016
 Department of Psychology, Appalachian State University
 Advisor: Cynthia M. Anderson, Ph.D., BCBA-D
 Project domains: acceptance and commitment training, quantitative analyses
- Graduate Research Practicum 2015 – 2016
 J. Iverson Riddle Developmental Center, Morganton, NC
 Advisor: Martin Ivancic, Ph.D., BCBA-D
 Project focus: behavior management and support for adults with severe and profound disabilities
- Psychology Department Intern 2015
 J. Iverson Riddle Developmental Center, Morganton, NC
 Advisor: Duke Schell, Ph.D., BCBA-D
- Undergraduate Research Assistant 2012 – 2013
 Psychology Department, Appalachian State University
 Advisor: Ken Steele, Ph.D.

Professional Experience

Service

Professional

- Addiction Technology Transfer Center (ATTC) Network 2025 – present
 POWER Team Researcher Member: Contingency Management & Stimulants
 Mission: To create innovative workforce strategies aligned with SAMHSA's CSAT's Contingency Management priority area to advance workforce development in substance use treatment, recovery support, and behavioral health integration
- Expert Field Reviewer: SAMHSA Technical Assistance Publication 2024 – present
 Topic: Implementing evidence-based contingency management in substance use disorder treatment
- Behavioral Consultant 2016 – 2021
 Staff Training Department
 Goodlife Innovations, Lawrence KS

Editorial

- Editorial Board Member
Journal of Applied Behavior Analysis 2023 – present
- Sample of journals for which I've served as a guest reviewer
Addictive Behaviors 2024 – present

<i>Nicotine & Tobacco Research</i>	2024 – present
<i>Journal of Substance Use and Addiction Treatment</i>	2023 – present
<i>Preventive Medicine</i>	2022 – present
<i>Behavior and Social Issues</i>	2022 – present
<i>Journal of Applied Behavior Analysis</i>	2017 – present
<i>Behavior Analysis in Practice</i>	2016 – present

Leadership Positions

University of Kansas

Distinguished Scholar Cambridge Center for Behavioral Studies (CCBS)	2018 – 2021
Treasurer ABSC Graduate Student Organization (GSO)	2018 – 2019
Member Diversity Equity and Inclusion (DEI) Committee	2016 – 2018

Appalachian State University

Vice President Psychology Graduate Student Organization (GSO)	2015 - 2016
Graduate Student Representative College of Liberal Arts & Sciences Strategic Planning Committee	2015
Graduate Student Senator Graduate Student Association Senate (GSAS)	2015 – 2016
Graduate Student Senator Alternate Graduate Student Association Senate (GSAS)	2014

Other Grants/Honors

Office of Student Research Grant	2015
GSAS Travel Grant	2016
GSAS Travel Grant	2014
Dean's list	2010 - 2013
Chancellor's List	2012 - 2013
Psi Chi Psychology Honor Society	2011 - 2013