

TYLER D. NIGHBOR
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Curriculum Vitae

EDUCATION

Ph.D. (Psychology, *West Virginia University*, 2017)

Dissertation: Signal and Schedule Functions when Pausing is the Operant

Chair: Kennon A. Lattal

M.A. (Psychology, *University of the Pacific*, 2014)

Thesis: Innate Morality or Something Else Entirely? Investigating Other Potential Explanations

*Chair:*Carolynn S. Kohn

B.A. (Psychology, *University of Wisconsin, Milwaukee*, 2011)

Post-Doctoral Fellowship

Vermont Center on Behavior and Health, Department of Psychiatry, University of Vermont, Burlington, VT

Mentor: Stephen T. Higgins

Certification

Board Certified Behavior Analyst-Doctoral Level (Certification # 11518228)

Peer-Reviewed Publications

- Nighbor, T.**, Zvorsky, I., Kurti, A., Skelly, J., Bickel, W., Reed, D., . . . Higgins, S. (2019). Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women. *Journal of the Experimental Analysis of Behavior*, 25 January 2019. [e-published ahead of print]
- Nighbor, T.**, Doogan, N., Roberts, M., Cepeda-Benito, A., Kurti, A., Priest, J., . . . Higgins, S. (2018). Smoking prevalence and trends among a U.S. national sample of women of reproductive age in rural versus urban settings. *PLoS ONE*, 13(11), E0207818.

- Kurti, A.N., Bunn, J.Y., **Nighbor, T.**, Cohen, A., Dallery, J., & Higgins, S.T. (2018). Leveraging technology to address the problem of cigarette smoking among women of reproductive age, *Preventative Medicine*, *S0091-7435 (18)*, 30349-9.
- Nighbor, T.**, Kincaid, S., O'Hearn, C., & Lattal, K. (2018). Stimulus contributions to operant resurgence. *Journal of the Experimental Analysis of Behavior*, *110 (2)*, 243-251.
- Parker, M., Villanti, A., Quisenberry, A., Stanton, C., Doogan, N., Redner, R., . . . **Nighbor, T.**, . . . Higgins, S. (2018). Tobacco Product Harm Perceptions and New Use. *Pediatrics*, *142(6)*, *Pediatrics*.
- Kurti, A.N., Redner, R., Bunn, J.Y., Tang, K., **Nighbor, T.**, Lopez, A.A. . . . Higgins. (2018). Examining the relationship between pregnancy and quitting use of tobacco products in a U.S. national sample of women of reproductive age. *Preventive Medicine*.
- Gaalema, D.E., Pericot-Valverde, I., Bunn, J.Y., Villanti, A.C., Cepeda-Benito, A., Doogan, N.J., Keith, D.R., Kurti, A.N., Lopez, A.A., **Nighbor, T.** & Higgins, S.T., (2018). *Tobacco Use in Cardiac Patients: Perceptions, Use, and Changes after a Recent Myocardial Infarction among US Adults in the PATH Study (2013-2015)*. *Preventative Medicine*.
- Nighbor, T.**, Kohn, C., Normand, M., & Schlinger, H. (2017). Stability of infants' preference for prosocial others: Implications for research based on single-choice paradigms. *PLoS ONE*, *12*, e0178818.
- Lattal, K.A., Cancado, C.R.X., Cook, J.E., Kincaid, S.L., **Nighbor, T.**, & Oliver, A.C. (2017). On defining resurgence. *Behavioral Processes*, *141*, 85–91.

Accepted manuscripts

- Nighbor, T.**, Ozga, J., Anderson, K., & Lattal, K.A. (2019). Contingency Tracking during Unsignaled Delayed Reinforcement: Effects of Delay Duration and d-Amphetamine. *Journal of the Experimental Analysis of Behavior*.

Manuscripts under review

- Zvorsky, I., **Nighbor, T.**, Kurti, A.N., DeSarno, M., Naudè, G.P., Reed, D.D., & Higgins, S.T. (2019). The sensitivity of purchase tasks in distinguishing risky populations of substance users: a review. *Preventative Medicine*.
- Coleman, S., Gaalema, D., **Nighbor, T.**, Priest, J., & Higgins, S. (2019). Risk Factors for Current Cigarette Smoking Among U.S. College Graduates. *The Journal of American College Health*

Manuscripts in preparation

Kurti, A., Bunn, J., Tang, K., Cohen, A., **Nighbor, T.** & Higgins, S. (2019). Correlates of Longitudinal Tobacco Use Trajectories among Reproductive-Aged Women Using Combusted Tobacco Products: A U.S. National Sample.

Nighbor, T., Oliver, A.C., & Lattal, K.A. (2019). *Resurgence During Signaled Periods of Extinction*.

Oral Presentations

Nighbor, T. (2019). *Applications of behavior analytic principles to reducing cigarette smoking among women of reproductive age*. To be presented at the annual ABAI meeting in Chicago, IL, May 23-27.

Nighbor, T., Zvorsky, I., Kurti, A., Skelly, J., Bickel, W., Reed, D., . . . Higgins, S. (2019). *Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women*. To be presented at the annual WIBA meeting in Nashville, TN, February 27-March 2, 2019

Nighbor, T.D., Zvorsky, I., Kurti, A.N., Skelly, J.M., Bickel, W.K., Reed, D.D., Naudè, G.P., & Higgins, S.T. (2018). *Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women*. Accepted for presentation at ABAI, San Diego, CA.

Nighbor, T.D. & Lattal, K.A. (2017). *Persistence of responding maintained by DRL schedules*. ABAI, Denver, CO.

Nighbor, T.D., Kohn, C., Normand, M., & Schlinger, H. Jr. (2017). *Do infants make moral judgments? Investigating other probable explanations*. ABAI, Denver, CO

Nighbor, T.D., *Yensen, C., & Lattal, K.A. (2016, May). *Resurgence during local extinction periods following VI to FI transitions*. ABAI, Chicago, IL

Nighbor, T.D. (Chair, 2016, May). *From the lab to practice: Variations on resurgence procedures and their implications*. ABAI, Chicago, IL

Nighbor, T.D. (Chair, 2016, May). *Fame, fortune, and fixed-interval schedules: Promoting the future of basic and translational research in university settings*. ABAI, Chicago, IL

Lattal, K.A., Cançado, C.R.X., Cook, J.C., Kincaid, S.L., **Nighbor, T.D.**, & Oliver, A.C. (2016, May). *The return of the operant*. Society for the Quantitative Analysis of Behavior (SQAB), Chicago, IL.

Poster Presentations

- Nighbor, T.**, Doogan, Nathan J., Roberts, Megan E., Cepeda-Benito, Antonio, Kurti, Allison N., Priest, Jeff S., . . . Higgins, Stephen T. (2019). *Smoking prevalence and trends among a U.S. national sample of women of reproductive age in rural versus urban settings*. Poster to be presented at the annual CPDD meeting, San Antonio, TX, June 15-19, 2019
- Nighbor, T.**, Doogan, Nathan J., Roberts, Megan E., Cepeda-Benito, Antonio, Kurti, Allison N., Priest, Jeff S., . . . Higgins, Stephen T. (2019). *Smoking prevalence and trends among a U.S. national sample of women of reproductive age in rural versus urban settings*. Poster to be presented at the annual SRNT meeting in San Francisco, CA, February 20-23, 2019
- Nighbor, T.D.**, Zvorsky, I., Kurti, A.N., Skelly, J.M., Bickel, W.K., Reed, D.D., Naudè, G.P., & Higgins, S.T. (2018). *Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women*. College on Problems of Drug Dependence (CPDD), San Diego, CA.
- Nighbor, T.D.**, Zvorsky, I., Kurti, A.N., Skelly, J.M., Bickel, W.K., Reed, D.D., Naudè, G.P., & Higgins, S.T. (2018). *Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women*. Society for Research on Nicotine and Tobacco (SRNT), Baltimore, MD.
- Nighbor, T.D.**, Zvorsky, I., & Higgins, S.T. (2017). *Simulating demand for cigarettes among pregnant women: a low-risk method for studying vulnerable populations*. NorthEast Regional IDeA conference in Burlington, VT
- Zvorsky, I., **Nighbor, T.D.**, & Higgins, S.T. (2017). *Examining the ability of purchase tasks to identify individual differences*. NorthEast Regional IDeA conference in Burlington, VT
- Nighbor, T.D.**, Zvorsky, I., & Higgins, S.T. (2017). *Examining interrelationships between delay discounting and simulated demand for cigarettes among pregnant women*. Vermont Center on Behavior and Health conference, Burlington, VT
- Zvorsky, I., **Nighbor, T.D.**, & Higgins, S.T. (2017). *Examining the ability of purchase tasks to identify individual differences*. Vermont Center on Behavior and Health conference, Burlington, VT
- Nighbor, T.D.**, Zvorsky, I., & Higgins, S.T. (2017). *Examining interrelationships between delay discounting and simulated demand for cigarettes among pregnant women*. NIH Tobacco Centers of Regulatory Science meeting in Bethesda, MD.
- Zvorsky, I., **Nighbor, T.D.**, & Higgins, S.T. (2017). *Examining the ability of purchase tasks to identify individual differences*. NIH Tobacco Centers of Regulatory Science meeting in Bethesda, MD.

- Nighbor, T.D.** & Lattal, K.A., (2017). *Schedule functions when pausing is the operant*. ABAI, Denver, CO
- Katz, B.R., **Nighbor, T.D.**, *Wood, B., & Lattal, K.A. (2017). *Sources of reinforcement as discriminative stimuli*. ABAI, Denver, CO
- *O'Hearn, C.M., **Nighbor, T.D.**, & Lattal, K.A. (2017). *Does resurgence occur when it is incompatible with the current reinforcement contingency?* ABAI, Denver, CO
- *Iames, Christopher W., **Nighbor, T.D.**, & Lattal, K.A. (2017) *Matching in concurrent differential-reinforcement-of-low-rate (DRL) schedules*. ABAI, Denver, CO
- *Yencha, M.S., **Nighbor, T.D.**, & Lattal, K.A. (2017). *Magnitude manipulations in concurrent differential reinforcement-of -low-rate schedules*. ABAI, Denver, CO
- Nighbor, T.D.** & Lattal, K.A. (2016, October). *Signal functions when pausing the operant*. Southeastern Association for Behavior Analysis (SEABA), Winston-Salem, NC.
- *O'Hearn, C.M., **Nighbor, T.D.**, & Lattal, K.A. (2016, October). *The reoccurrence of nonoccurrence: Effects of DRO alternative reinforcement on resurgence*. SEABA, Winston-Salem, NC.
- Ozga, J., **Nighbor, T.D.**, Anderson, K., & Lattal, K.A. (2016, October). *Parametric evaluation of maintenance under delay-of-reinforcement conditions*. SEABA, Winston-Salem, NC.
- *Iames, Christopher W., **Nighbor, T.D.**, & Lattal, K.A. (2016, October) *Wait for it: The effects of delayed reinforcement on resurgence*. SEABA, Winston-Salem, NC.
- *Yencha, M.S., **Nighbor, T.D.**, Thompson, W., & Lattal, K.A. (2016, October). *Early birds get no worms: Evaluating the effects of fixed and variable DRL schedules*. SEABA, Winston-Salem, NC.
- Nighbor, T.**, *Yensen, C., & Lattal, K.A. (2016, May). *Resurgence following transitions to signaled delays to reinforcement*. ABAI, Chicago, IL.
- *O'Hearn, C.M., **Nighbor, T.**, Kincaid, S.L. & Lattal, K.A. (2016, May). *Super-resurgence? Investigating ABC super-resurgence effects*. ABAI, Chicago, IL.
- *Yensen, C., **Nighbor, T.D.**, *Cutlip, A., & Lattal, K.A. (2016, May). *Effects of conventional extinction and variable-time schedules on DRL responding*. ABAI, Chicago, IL.
- Nighbor, T.D.**, Ozga, J., Lattal, K.A., & Anderson, K. (2015, October). *The response-reinforcer relation in maintenance under delay-of-reinforcement conditions*. SEABA, Roanoke, VA.

- *Yensen, C., **Nighbor, T.D.**, & Lattal, K.A. (2015, October). *Resurgence during local extinction periods following VI to FI transitions*. SEABA, Roanoke, VA.
- *Hott, A., **Nighbor, T.D.**, & Lattal, K.A. (2015, October). *Persistence of low-rate behavior in the face of alternative reinforcement*. SEABA, Roanoke, VA.
- Nighbor, T.D.**, Kincaid, S., Spence, J., & Lattal, K.A. (2015, May). *Super-resurgence: ABA renewal increases resurgence*. ABAI, San Antonio, TX.
- Nighbor, T.D.**, Bettencourt, K., Campbell, A., *Olisar, B., Kohn, C. (2014, May). *An innately moral infant, or something else entirely? Investigating the effects of repeated measures on infant choice*. ABAI, Chicago, IL.
- Nighbor, T.D.**, Metz, E., Campbell, A., Bettencourt, K., Kohn, C. (2014, May). *An evaluation of free-pour training procedures for college students*. ABAI, Chicago, IL.
- Nighbor, T.D.**, Campbell, A., Bettencourt, K., *Olisar, B., Kohn, C. (2014, April). *An innately moral infant, or something else entirely? Investigating the effects of repeated measures on infant choice*. Western Psychological Association (WPA), Portland, OR.
- Nighbor, T.D.**, Metz, E., Campbell, A., Bettencourt, K., Kohn, C. (2014, April). *An evaluation of free pour training procedures for college students*. WPA, Portland, OR.
- Nighbor, T.D.**, Schultz, N., Metz, E., Uhlhorn, K., Martin, E., Segura, V. Genung, L., Russell, S., Nighbor, T., Kohn, C. (2014, February). *Beyond self-report: An evaluation of a free-pour assessment*. Poster presented at meeting of the California Association for Behavior Analysis (CALABA), Burlingame, CA.
- Schultz, N., Metz, E., Uhlhorn, K., Martin, E., Segura, V. Genung, L., Russell, S., **Nighbor, T.D.**, Kohn, C. (2013, May). *A behavioral assessment of alcohol consumption: Does corrective feedback influence self-report and pouring behavior?* ABAI, Minneapolis, MN.
- Schultz, N., Metz, E., Uhlhorn, K., Martin, E., Segura, V. Genung, L., Russell, S., **Nighbor, T.D.**, Kohn, C. (2013, April). *Assessing free-pours: If you show it, will they know it?* WPA, Reno, NV.
- Segura, V., Schultz, N., **Nighbor, T.D.** & Kohn, C. (2013, April). *Compensatory responses, or something else altogether?* WPA, Reno, NV.

* Mentored undergraduate

Research experience

Experimental Analysis of Behavior

Researched behavioral resurgence (rats, pigeons, and humans), discriminated choice, extinction, differential-reinforcement-of-low-rate and differential-reinforcement-of-other-behavior schedules

Investigated pigeons' contingency detection following acute administration of *d*-amphetamine
Investigated potential compensatory responses in relation to smoking related stimuli with smokers

Applied Behavior Analysis

Investigated effects of several different pouring procedures (e.g., stimulus fading, superimposition) on college students' pouring
Investigated the effects of feedback (e.g., "You drank less than peers) on the self-report of drinking with college students
Use the Good Behavior Game to modify behavior (e.g., in-seat, disruption) of typically developing preschool children in a classroom setting during circle time

Technical Skills

Trained in intramuscular injections with pigeons, and sub-cutaneous and intraparietal injections with rats
Computer programming in Med PC and Visual Basic
Basic electrical skills (wiring and soldering), apparatus building, ordering lab equipment
Lab managerial experience, including organizing meetings and coordinating experimental sessions

Teaching experience

Lab Instructor, Research Methods and Analysis (Spring 2017)
Lab Instructor, Experimental Analysis of Behavior, Graduate course (Fall 2015, 2016)
Instructor of Record, Introduction to Psychology, Online (Fall 2016)
Instructor of Record, Principles of Behavior (Summer 2016)
Lab Instructor, Principles of Behavior (2015-2016)
Instructor of Record, Research Methods in Psychology (Summer 2015)
Instructor of Record, Behavior Modification (Spring 2015)
Lab Instructor, Research Methods in Psychology (2014-2015)

Clinical experience

Stockton Unified School District (SUSD)- Behavior Intervention Services (Stockton, CA, 2012-2014)

Provided behavior intervention services for typically developing preschool students. Conducted and coached parents and teachers through conducting functional assessments, Functional Communication Training (FCT) and Three-Step Compliance prompting procedures. Wrote reports summarizing intervention services. Attended case conferences, IEP's, and monthly meetings with other professionals (e.g., social workers) to discuss intervention services.

Kavere Services –Behavior Intervention Services (Stockton, CA, 2012-2014)

Provided behavior intervention services for children with developmental disabilities in a crisis home setting. Conducted and supervised staff conducting functional assessments, Functional Communication Training (FCT), noncontingent reinforcement (NCR), and token economies. Wrote weekly and monthly reports containing graphs of challenging behaviors and intervention progress. Attended weekly meetings with other professionals (e.g., social workers,

psychologists) and prepared PowerPoint presentations summarizing services on a weekly basis.

Martin Gipson Socialization Center-Behavioral Intervention Services (Stockton, CA, 2012-2014)

Taught social and independent living skills to individuals diagnosed with various mental illnesses.

Managed and trained new interns.

Autism Behavioral Network-Senior Therapist in Training (Milwaukee, WI, 2010-2012)

Direct intervention services with clients diagnosed with ASD. Trained staff, completed assessments, attended/lead meetings, and maintained contact with BCBA regarding services.

M.L. Tharps and Associates, LLC (Milwaukee, WI, 2007-2012)

Behavioral consulting in addition to direct services with child diagnosed with ASD. Attended IEPs and maintained contact with other professionals (e.g., speech therapists, teachers).

Wisconsin Early Autism Project- Advanced Line Therapist (Milwaukee, WI, 2009-2011)

Direct intervention services with clients diagnosed with ASD. Conducted weekly team meetings and trained direct care staff.

Autism Intervention-Milwaukee- Line Therapist (Milwaukee, WI, 2009-2011)

Direct intervention services with clients diagnosed with ASD. Conducted weekly team meetings, trained staff, and attended monthly clinical meetings.

Mentorship experience

Supervised one undergraduate honor's thesis experiment and five senior capstone experiments

Mentored thirteen undergraduate students in conducting basic behavioral research, including graphing and data analysis, preparing presentations for lab meetings, and preparing abstracts and posters for regional and national professional conferences

Professional affiliations

Women in Behavior Analysis (2019)

College on Problems of Drug Dependence (2017-present)

Society for Research on Nicotine and Tobacco (2017-present)

Vermont Associate for Behavior Analysis (2018)

Association for Behavior Analysis International (2012-present)

Southeastern Association for Behavior Analysis (2014-2016)

Society for the Quantitative Analysis of Behavior (2014-present)

California Association for Behavior Analysis (2012-2014)

Western Psychological Association (2013-2014)

Manuscript Reviews

Reviewer, Psychology of Addictive Behaviors (2019)
Reviewer, Journal of Environmental Research and Public Health (2018)
Reviewer, Journal of Applied Behavior Analysis (2018)
Reviewer, Drug and Alcohol Dependence (2017, 2018)
Reviewer, PLoS One (2017,2018)
Reviewer, Journal of Applied Behavior Analysis (2016)
Co-reviewer, Journal of the Experimental Analysis of Behavior (2016)

Professional service

West Virginia University Undergraduate Honor's Thesis committee member (2016)
Student Representative, West Virginia University Graduate Training Committee (2016-2017)
Student Representative, West Virginia University Behavior Analysis Area Training Committee (2015-2016)
Student Representative for West Virginia University, ABAI (2015-2016)
West Virginia University Science Policy Organization Outreach Committee (2015-2016)

Scholarships and Grants

West Virginia University Department of Psychology Doctoral Research Grant (\$1500)
West Virginia University Eberly College of Arts and Sciences Doctoral Research Grant (\$700)
Japanese Society for the Promotion of Science Pre-Doctoral Fellowship (\$5000) through NSF (not awarded)
Graduate Teaching Assistantship (2014-2017)
Travel funds for ABAI (2015-2017)

Awards

Recipient of Philip E. Comer Award for Outstanding Graduate Teaching (2016)
Recipient of Outstanding Graduate Teaching Assistant Award (2016)