

**Allison N. Kurti**  
**CURRICULUM VITAE**

**Position:** Research Assistant Professor  
Departments of Psychiatry and Psychological Science  
Vermont Center on Behavior and Health

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## **EDUCATION & TRAINING**

**Postdoctoral Fellow** 2014-17  
University of Vermont, Vermont Center on Behavior and Health  
Concentration: Behavioral Economics, Behavioral Pharmacology and Drug Abuse

**Doctor of Philosophy** 2010-14  
Experimental Psychology, Concentration in Behavior Analysis  
Department of Psychology  
University of Florida, Gainesville, FL  
Dissertation: "Effects of exercise and contingency management on craving and cigarette smoking in the human laboratory."

**Master of Science** 2008-10  
Experimental Psychology, Concentration in Animal Learning and Conditioning  
Department of Psychology  
Villanova University, Villanova, PA  
Master's thesis: "An investigation of the potential role of the nucleus accumbens in interval timing processes."

**Bachelor of Arts, *Magna Cum Laude*** 2004-08  
Psychology  
Department of Psychology  
Wake Forest University, Winston-Salem, NC Psychology GPA: 3.94/4.00

## **FACULTY POSITIONS HELD**

University of Vermont College of Medicine, Research Assistant Professor, 2017-Present

## **HONORS AND AWARDS**

**Recipient**, Deans List, 8 semesters, Wake Forest University, 2004-2008

**Recipient**, Honors in Psychology, Wake Forest University, May 2008

**Recipient**, Summer Research Assistantship, Villanova University, Summer 2009

**Recipient**, Full Graduate Assistantship, Villanova University, 2008-2010

**Recipient**, Grinter Award, University of Florida, 2010-2014

**Recipient**, Ingeborg L. and O. Byron Ward Outstanding Thesis Award, Villanova University, April 2011

**Recipient**, Presidential Scholar Essay Contest Award, Association for Behavior Analysts International, May 2012

**Recipient**, College of Liberal Arts & Sciences Dissertation Research Award, November 2013

**Recipient**, Behavior Analysis Research Award, February 2014

**Recipient**, Gerber Behavior Analysis Research Award for Outstanding Research in Behavior Analysis, March 2014

**Recipient**, Outstanding Trainee Award, Society of Research on Nicotine and Tobacco, November 2014

**Recipient**, Dissertation Research Award, American Psychological Association (Division 28), January 2015

**Recipient**, CPDD Travel Award for Early Career Investigators, June 2016

**Recipient**, International Cancer Prevention Innovation Grant, NCI-CRUK, April 2017

**Participant**, Sandpit on Knowledge Integration Across Health Domains, Professions, and Nations to Advance Cancer Prevention, National Cancer Institute—Cancer Research United Kingdom (NCI-CRUK), April 2017

**Recipient**, Drug and Alcohol Dependence Editorial Fellowship, May 2017

**Best Reviewer 2016**, Recognition for exceptional quality of manuscript reviews for *Pharmacoepidemiology and Drug Safety*, July 2017

**Participant**, Innovation Lab on Radical Solutions to the Opioid Misuse Epidemic, University at Buffalo Clinical and Translational Science Institute, November 2017

**Recipient**, American Psychological Association Division 28 Young Psychopharmacologist Award, January 2019

**Recipient**, Travel Award (\$500), International Women's and Children's Health and Gender (InWomen's) Group, February 2019

## PUBLICATIONS

### Original Research

Kurti, A.N., & Matell, M. (2010). Nucleus accumbens dopamine modulates response rate but not response timing in an interval timing task. *Behavioral Neuroscience*, 125, 215-225.

Kurti, A.N., & Dallery, J. (2012). Review of Heyman's *Addiction: A Disorder of Choice*. *Journal of Applied Behavior Analysis*, 45, 229-240.

Kurti, A.N., & Dallery, J. (2013) Internet-based contingency management increases walking in sedentary adults. *Journal of Applied Behavior Analysis*, 46, 568-581.

Matell, M., & Kurti, A.N. (2014). Reinforcement probability modulates temporal memory selection and integration processes. *Acta Psychologica. Special issue on Temporal Processing Within and Across Senses*, 147, 80-91.

Dallery, J., Kurti, A.N., & Erb, J.P. (2014) A new frontier: Integrating behavioral and digital technology to promote health behavior. *The Behavior Analyst*, 38, 19-49.

Meredith, S. E., Jarvis, B.P., Raiff, B. R., Rojewski, A., Kurti, A. N., Cassidy, R., Erb, J. P., & Dallery, J. (2014). The ABCs of incentive-based treatment in health care: a behavior analytic framework to inform research and practice. *Psychology Research and Behavior Management*, 19, 103-114.

Kurti, A.N., & Dallery, J. (2014). Effects of exercise on craving and cigarette smoking in the human laboratory. *Addictive Behaviors*, 39, 1131-1137.

Kurti, A.N., & Dallery, J. (2014). A laboratory-based evaluation of exercise plus contingency management for reducing cigarette smoking. *Drug and Alcohol Dependence*, 144, 201-209.

Kurti, A.N., & Dallery, J. (2014). Integrating technological advancements in health-based behavior interventions: Unprecedented opportunities for behavior analysts. *Mexican Journal of Behavior Analysis*, 40, 106-126.

Kurti, A.N., Logan, H., Manini, T., & Dallery, J. (2015). Physical activity behavior, barriers to physical activity, and opinions about a smartphone-based physical activity intervention among rural residents. *Telemedicine and eHealth*, 21, 1-8.

Kurti, A.N. (2016). Review of Mischel's *The Marshmallow Test: Mastering Self-Control*. *American Journal of Psychology*, 128, 414-417.

Higgins, S.T., Kurti, A.N., Redner, R., White, T.J., Gaalema, D.E., Roberts, M.E., Doogan, N.J., Tidey, J.W., Miller, M.E., Stanton, C.A., Henningfield, J.E., & Atwood, G. (2015). A literature review on prevalence of gender differences and intersections with other vulnerabilities to tobacco use in the United States, 2004-2014. *Preventive Medicine*, 80, 89-100.

Stanton, C.A., Keith, D.R., Gaalema, D.E., Bunn, J.Y., Doogan, N.J., Redner, R., Kurti, A.N., Roberts, M.E., & Higgins, S.T. (2016). Trends in tobacco use among US adults with chronic health conditions: National Survey on Drug Use and Health 2005-2013. *Preventive Medicine*, 92, 160-168.

Kurti, A.N., Davis, D., Skelly, J.M., Redner, R. & Higgins, S.T (2016). Comparison of nicotine dependence indicators in predicting quitting among pregnant smokers. *Experimental and Clinical Psychopharmacology*, 24, 12-17.

Roberts, M.E., Doogan, N.J., Stanton, C.A., Gaalema, D.E., Kurti, A.N., Redner, R., White, T.J., & Higgins, S.T. (2016). Rural tobacco use across the United States: How rural and urban areas differ, broken down by census regions and divisions. *Health & Place*, 39, 153-159.

Kurti, A.N., Davis, D., Redner, R., Jarvis, B., Zvorsky, I., Atwood, G.A., &...Higgins, S.T. (2016). A review of the literature on remote monitoring technology in incentive-based interventions for health-related behavior change. *Translational Issues in Psychological Science*, 2, 128-152.

Higgins, S.T., Kurti, A.N., Redner, R., White, T.J., Keith, D.R., Gaalema, D.E., Roberts, M.E., Doogan, N.J., & Stanton, C.A. (2015). Co-occurring risk factors for current cigarette smoking in a U.S. nationally representative sample. *Preventive Medicine*, 92, 110-117.

Clark, E.M., Jones, C.A., Williams, J.R., Kurti, A.N., Norotsky, M.C., Danforth, C.M., & Dodds, P.S. (2015). Vaporous marketing: Uncovering persuasive electronic cigarette advertisements on Twitter. *PLOS ONE*, *arXiv preprint arXiv:1508.01843*.

Kurti, S.P., & Kurti, A.N., Emerson, S.R., Rosenkranz, R.R., Smith, J.R., Harms, C.A., & Rosenkranz, S.K. (2016). Air pollution exposure and influence of lifestyle on respiratory health and lung function in Belizean adults and children: A field study. *International Journal of Environmental Research and Public Health*, 13, 1-12.

- Kurti, A.N., Klemperer, E., Zvorsky, I., Redner, R., Priest, J., & Higgins, S.T. (2016). Some context for understanding the place of the GED in the relationship between educational attainment and smoking prevalence. *Preventive Medicine*, 92, 141-147.
- Davis, D.R., Kurti, A.N., Redner, R., White, T.J., & Higgins, S.T. (2016). A review of the literature on contingency management in the treatment of substance use disorders, 2009-2014. *Preventive Medicine*, 92, 36-46.
- Kurti, A.N., Keith, D.R., Noble, A., Priest, J.S., & Higgins, S.T. (2016). Characterizing the intersection of co-occurring risk factors for illicit drug abuse and dependence in a U.S. nationally representative sample. *Preventive Medicine*, 92, 118-125.
- Higgins, S.T., Reed, D.R., Redner, R., Skelly, J.M., Zvorsky, I.Z., & Kurti, A.N. (2016). Simulating demand for cigarettes among pregnant women: A low-risk method for studying vulnerable populations. *Journal of the Experimental Analysis of Behavior*. doi: 10.1002/jeab.232
- Keith, D.R., Kurti, A.N., Davis, D.R., Zvorsky, I., & Higgins, S.T. (2017). A review of the effects of very low nicotine content cigarettes on behavioral/cognitive performance in abstinent smokers. *Preventive Medicine*, S0091-7435(17)30221-9.
- Doogan, N.J., Roberts, M.E., Wewers, M.E., Stanton, C.A., Gaalema, D.E., Kurti, A.N., & Higgins, S.T. A growing geographic disparity: Rural and urban cigarette smoking trends in the United States. *Prev Med*. 2017;104:79-85. doi: 10.1016/j.ypmed.2017.03.011.
- Keith, D.R., Stanton, C.A., Gaalema, D.E., Bunn, J.Y., Doogan, N.J., Redner, R., Kurti, A.N., Cepeda-Benito, A., Lopez, A.A., Morehead, A.L., Roberts, M.E., & Higgins, S.T. Disparities in US healthcare provider screening and advice for cessation across tobacco products and chronic medical conditions: NSDUH 2013-2014. *J Gen Intern Med*. 2017;32(9):974-980. doi: 10.1007/s11606-017-4062-6.
- Roberts, M.E., Doogan, N.J., Stanton, C.A., Quisenberry, A.J., Villanti, A., Gaalema, D.E., Keith, D.R., Kurti, A.N., Lopez, A.A., Redner, R., Cepeda-Benito, A. & Higgins, S.T. Rural vs. Urban Use of Traditional and Emerging Tobacco Products in the United States, 2013-2014. *Am J Public Health*. 2017;107(10):1554-1559. doi: 10.2105/AJPH.2017.303967.
- Higgins, S.T., Redner, R., Arger, C.A., Kurti, A.N., & Priest, J.S. Use of higher-nicotine/tar-yield (regular full flavor) cigarettes is associated with nicotine dependence and smoking during pregnancy among U.S. women. *Prev Med*. 2017;104:57-62. doi: 10.1016/j.ypmed.2017.07.029.
- Kurti, A.N., Redner, R., Lopez, A.A., Keith, D.R., Stanton, C.A., Gaalema, D.E., Bunn, J., Doogan, N.J., Cepeda-Benito, A., Roberts, M.E., Phillips, J., & Higgins, S.T. Tobacco and Nicotine Delivery Product Use in a National Sample of Pregnant Women. *Prev Med*. 2017;104:50-56. doi: 10.1016/j.ypmed.2017.07.030.
- Higgins, S.T., Davis, D.R., & Kurti, A.N. Financial incentives for reducing smoking and other health-related behavior change in vulnerable populations. *Policy Insights from the Behavioral and Brain Sciences*. 2017;4:33-40.
- Lopez, A.A., Redner, R., Kurti, A.N., Keith, D.R., Villanti, A.C., Stanton, C.A., Gaalema, D.E., Bunn, J.Y., Doogan, N.J., Cepeda-Benito, A., Roberts, M.E., Higgins, S.T. (2018). Tobacco and nicotine delivery product use in a national sample of women of reproductive age. *Prev Med*. 2018;117:61-68.
- Cassidy, R.N. & Kurti, A.N. (in press). Behavioral economic research in addiction as an area of growth for the experimental analysis of behavior. *Behavior Analysis Research and Practice*.

Kurti, A.N., Bunn, J. Y., Villanti, A.C., Stanton, C.A., Redner, R., Lopez, A.A., Gaalema, D.E., Doogan, N.J., Cepeda-Benito, A., Roberts, M.E., Phillips, J.K., Quisenberry, A.J., Keith, D.R., & Higgins, S.T. Patterns of single and multiple tobacco product use among U.S. women of reproductive age. *Nicotine and Tobacco Research*. 2018;20:S71-S80.

Cepeda-Benito, A., Doogan, N.J., Redner, R., Roberts, M.E., Kurti, A.N., Villanti, A.C., Lopez, A.A., Quisenberry, A., Stanton, C.A., Gaalema, D.E., Keith, D.R., Parker, M.A., & Higgins, S.T. Trend differences in men and women in rural and urban U.S. settings. *Prev Med*. 2018;117:69-75.

Villanti AC, Gaalema DE, Tidey JW, Kurti AN, Sigmon SC, Higgins ST. Co-occurring vulnerabilities and menthol use in U.S. young adult cigarette smokers: Findings from wave 1 of the PATH Study, 2013-2014. *Prev Med*. 2018;117:43-51.

Parker, M.A., Villanti, A.C., Quisenberry, A.J., Stanton, C.A., Doogan, N.J., Redner, R., Gaalema, D.E., Kurti, A.N., Nighbor, T., Roberts, M.E., Cepeda-Benito, A., & Higgins, S.T. (in press). Tobacco product harm perceptions predict new use. *Pediatrics*.

Gaalema, D.E., Pericot-Valverde, I., Bunn, J.Y., Villanti, A.C., Cepeda-Benito, A., Doogan, N.J., Keith, D.R., Kurti A.N., & Higgins, S.T. Tobacco use in cardiac patients: Perceptions, use, and changes after a recent myocardial infarction among US adults in the PATH study (2013-2015). *Prev Med*. 2018;117:76-82.

Kurti, A.N., Redner, R., Bunn, J.Y., Tang, K., Nighbor, T., Lopez, A.A., Keith, D.R., Villanti, A.C., Stanton, C.A., Gaalema, D.E., Doogan, N.J., Cepeda-Benito, A., Roberts, M.E., Phillips, J., Parker, M.A., Quisenberry, A., & Higgins, S.T. Examining the relationship between pregnancy and quitting tobacco products among a U.S. national sample of women of reproductive age. *Prev Med*. 2018;117:52-60.

Kurti, A.N., Bunn, J.Y., Nighbor, T., Cohen, A.H., Bolivar, H., Tang, K., Dallery, J., & Higgins, S.T. (in press). Leveraging technology to address the problem of cigarette smoking among women of reproductive age. *Prev Med*.

Nighbor, T.D., Doogan, N.J., Roberts, M.E., Cepeda-Benito, A., Kurti, A.N., Priest, J.S., Johnson, H.K., Villanti, A.C., Stanton, C.A., Gaalema, D.E., Redner, R., Parker, M.A., Keith, D.R., Quisenberry, A.J., & Higgins, S.T. (in press). 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. <https://doi.org/10.1371/journal.pone.0207818>

Nighbor, T.D., Zvorsky, I., Kurti, A.N., Skelly, J.M., Bickel, W.K., Reed, D.R., Naude, G.P., & Higgins, S.T. (in press). Examining interrelationships between the cigarette purchase task and delay discounting among pregnant women. *Journal of the Experimental Analysis of Behavior*.

Rey, C.N., Kurti, A.N., Badger, G.J., Cohen, A.H., & Heil, S.H. (in press). Stigma, discrimination, treatment effectiveness, and policy support: Comparing behavior analysts' views on drug addiction and mental illness. *The Behavior Analyst*.

Kassianos, A.P., Ward, E., Rojas-Garcia, A., Saadi, J., Spears, C.A., Mitchell, F., Kurti, A.N., & Notley, C. (in press). A systematic review and meta-analysis of behaviour change techniques in interventions initiated after pregnancy to promote breastfeeding among postpartum women. *Health Psychology Review*.

## In Review

Higgins, S.T., Kurti, A.N., & Davis, D.R. (under review). Voucher-based contingency management is highly efficacious but underutilized in treating addictions. *Perspectives in Behavior Science*.

Higgins, S.T., Kurti, A.N., Wells, M., Tidey, J.W., Cepeda-Benito, A., Cooper, M.R., Krebs, N.M., Baezconde-Garbanati, L., Hart, J.L., & Stanton, C.A. (under review). A review of tobacco regulatory science research on vulnerable populations. *Tobacco Regulatory Science*.

Coleman, S.R., Gaalema, D.E., Nighbor, T.D., Kurti, A.N., Priest, J.S., & Higgins, S.T. (under review). Risk factors for current cigarette smoking among U.S. college graduates. *Journal of American College Health*.

## **In Preparation**

Notley, C., Ward, E., Rojas-Garcia, A., Saadi, J., Spears, C.A., Mitchell, F., Kurti, A.N., & Kassianos, A.P. (in prep). Negotiating cancer preventative health behaviours and adapting to Motherhood: The role of technology in supporting positive health behaviours. *Health & Social Behaviour*.

Keith, D.R., Skelly, J., Tang, K., Kurti, A.N., & Higgins, S.T. (in prep). Household-smoking bans are prospectively associated with reduced nicotine exposure, increased smoking abstinence, and improved birth outcomes among pregnant women enrolled in smoking-cessation treatment. *Nicotine & Tobacco Research*.

Kurti, A.N., Bunn, J.Y., Tang, K., Cohen, A., Nighbor, T., Villanti, A.C., Gaalema, D.E., Phillips, J., & Higgins, S.T. (in prep). Correlates of tobacco use trajectories that maintain, reduce, or eliminate harm among a U.S. national sample of women of reproductive age. *Tobacco Regulatory Science*.

Zvorsky, I., Nighbor, T., Kurti, A.N., DeSarno, M., & Higgins, S.T. (in prep). Sensitivity of hypothetical purchase tasks to individual differences in risk among substance using populations: A systematic literature review. *Drug and Alcohol Dependence*.

## **Non-Peer Reviewed Publications**

### **Review Articles**

Dallery, J., Jarvis, B., & Kurti, A.N. (2011). Operant Conditioning. Oxford Online Bibliographies. <http://oxfordbibliographiesonline.com/view/document/obo-9780199828340/obo-9780199828340-0043.xml>

### **Books and Chapters**

Kurti, A.N., Swanton, D. N., & Matell, M. S. (2013). The Potential Link between Temporal Averaging and Drug-Taking Behavior. In V. Arstila & D. Lloyd (Eds.), *Subjective Time: The Philosophy, Psychology, and Neuroscience of Temporality*. MIT press.

Dallery, J., Kurti, A.N., & Martner, S. (2014). Technological approaches to assess and treat cigarette smoking. In L. Marsch, S. Lord, & J. Dallery (Eds), *Transforming Behavioral Health Care with Technology: The State of the Science*. Oxford University Press.

Higgins ST, Kurti AN, Keith DR. (2017). Contingency management. In: Hayes S, Hoffman S, eds. *Core competencies of behavioral and cognitive therapies*. Oakland, CA: New Harbinger Publications, Inc. 2018:34-56.

Higgins, S.T., Kurti, A.N., & Davis, D.R. (in press). Changing drug use and other health-related behavior in vulnerable populations. Invited contribution, 65th Nebraska Symposium on Motivation: Change and Maintaining Change.

## Other Scholarly Publications

Kurti, A.N. (2012). ABAI Presidential Scholar's Essay. *Inside Behavior Analysis*, 4, 8-9.

Higgins, S.T., Kurti, A.N., & Davis, D.R. (2017). Pay people to stop smoking? It works, especially in vulnerable groups. Invited article: *The Conversation*, [https://theconversation.com/pay-people-to-stop-smoking-it-works-especially-in-vulnerable-groups-72775?utm\\_source=facebook&utm\\_medium=facebookbutton](https://theconversation.com/pay-people-to-stop-smoking-it-works-especially-in-vulnerable-groups-72775?utm_source=facebook&utm_medium=facebookbutton)

Kurti, A.N. (2019). Leveraging technology to innovate substance abuse research and treatment. Invited article: *CPDD Newsline*, a publication with news on the College of Problems on Drug Dependence.

## RESEARCH AWARDS AND GRANTS

### Ongoing Research Support

P20GM103644-06 (Higgins)

09/18 – 08/23

NIH/NIGMS

Vermont Center on Behavior and Health

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 “Smartphone-based Financial Incentives for Promoting Smoking Cessation Among Pregnant Women” focuses on leveraging technology to disseminate a highly efficacious approach to promoting smoking cessation among this vulnerable population nationwide. More specifically, we are examining the feasibility, efficacy, and cost-effectiveness of a financial incentives intervention delivered remotely via a smartphone app for promoting smoking cessation among pregnant women. The project will also involve an examination of intervention effects on health outcomes abstracted from infant delivery reports, as well as an assessment of intervention acceptability.

*Role: Project Director*

U54 DA036114-06 (Higgins)

09/18 – 08/23

NIH/NIDA

Vermont Center on Tobacco Regulatory Science

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. This center is one of twelve that the FDA established nationally. VCBH addresses one of the crosscutting and two of the specific research priorities of the FDA Center for Tobacco Products. The crosscutting priority is researching tobacco products in vulnerable populations, including women of childbearing age/pregnant women, individuals with comorbid other substance use disorders, and individuals with comorbid serious mental illness. The Center is also developing an exemplary predoctoral and postdoctoral training program in tobacco regulatory science.

*Role: Co-Investigator / Site Principal Investigator*

C54889/A25592 (Notley)

08/17 – 03/19

CRUK

Project HATCH – Staying Healthy AfTer CHildbirth: A Cross-National Study to Support Smoking Abstinence and Inter-Related Cancer-Prevention Behaviours among Postpartum Women

The project aims to examine existing resources and the acceptability of potential novel resources and treatment components to promote cancer prevention behaviors (i.e., smoking abstinence, breastfeeding, physical exercise) among economically disadvantaged, postpartum women. We are particularly

interested in employing a mixed methods research approach involving focus groups with postpartum women and surveys of healthcare providers to obtain formative information that facilitates the future development and implementation of novel interventions or resources to promote sustained health behavior change among mothers of young children.

*Role: Co-Investigator / Site Principal Investigator*

03420-7208S (Kurti)

04/18 – 12/19

State of Vermont/Department of Health

Quit Smoking in Pregnancy Study

Financial incentives interventions for supporting cigarette smoking cessation among pregnant women are often delivered in relatively intense protocols in university-based outpatient research clinics. This study aims to adapt this model that was developed at the University of Vermont and deliver a community-based smoking cessation treatment to pregnant smokers in Rutland, Vermont. We are especially interested in assessing the feasibility of targeting this population in this setting, as well as whether the intervention will yield higher quit rates and improved birth outcomes when compared to traditional smoking cessation support quit rates of 3% during pregnancy.

*Role: Site Principal Investigator*

## Completed Research Support

R01HDA075669-05 (Higgins)

09/13 – 05/18 NCE

NIH/NICHD

Financial Incentives for Smoking Cessation Disadvantaged Pregnant Women

The overarching goal is to investigate how improving smoking cessation among pregnant women may reduce health disparities. We are experimentally examining whether adding financial incentives to current best practices for smoking cessation during pregnancy increases cessation rates, birth outcomes, breastfeeding duration, and infant growth and overall health during the first year postpartum. We will conduct a cost-effectiveness analysis of this incentive-based intervention. We are also including a sociodemographically comparable group of pregnant non-smokers in the study to estimate how much more cessation rates and health outcomes could be increased through use of larger monetary incentive values before exceeding cost effectiveness.

*Role: NIH Postdoctoral Fellow*

T32DA07242 (Higgins)

8/16 – 7/21

NIDA

Training in Behavioral Pharmacology of Drug Abuse

NIH predoctoral and postdoctoral fellowship for the study of substance abuse. T32 fellows receive training in behavioral economics, behavioral pharmacology, ethnics, and participate in studies using behavioral economics and behavioral pharmacology to investigate relationships between personal behaviors and risk for chronic disease, with specific focus on developing effective change interventions.

*Role: NIH Postdoctoral Fellow*

## Pending

[Submitted October, 2018] (Belizan)

07/19 – 06/24

R01-PAR18-251

NIH/NCI

The Latin American Trial of Incentives for Smoking Cessation in Pregnancy and Postpartum (The LATIN Trial)

The LATIN Trial will examine the feasibility, efficacy, and cost-effectiveness of incorporating financial incentives for smoking cessation in the context of routine antenatal care among economically disadvantaged women in Argentina and Uruguay.

*Role: Co-Investigator*



## INVITED PRESENTATIONS

### Oral Presentations

#### Regional

**Kurti, A.N., & Dallery, J.** (2012). *Preliminary efficacy of a web-based, contingency management intervention to increase walking in sedentary adults*. Talk given at the Florida Association for Behavior Analysis, Jacksonville, FL, September 17-20.

**Kurti, A.N.** (2015). *Cigarette smoking in vulnerable populations: Clinical and epidemiological research*. Talk given at the annual Vermont Center on Behavior and Health retreat, Vergennes, VT, July 30.

**Kurti, A.N., Redner, R., White, T.J., Keith, D.R., &...Higgins, S.T.** (2016). *Intersections of risk factors for cigarette smoking and illicit drug abuse or dependence in U.S. nationally representative samples*. Talk given at the annual Vermont Center on Behavior and Health conference, Burlington, VT, October 6-7.

**Kurti, A.N.** (2017). *Smartphone-based Financial Incentives to Promote Smoking Cessation Among Pregnant Women*. Talk given at the annual Centers of Biomedical Research Excellence retreat, Burlington, VT, October 3.

**Kurti, A.N.** (2018). *Integrating Behavioral and Digital Technology to Promote Health Behavior*. Invited lecture given at University of Vermont's Complex Systems Center annual symposium on Health and Wellness Behavior, Burlington, VT, September 7.

**Kurti, A.N.** (2018). *Leveraging Science, Technology, and Creativity to Address America's Addiction Crisis*. Invited presentation for a Medical Innovations Seminar, James Madison University, October 19.

#### National

Matell, M., Hughes, M., & **Kurti, A.** (2010). *Temporal "extrapolation" in rats trained on the peak-interval procedure*. Talk given at the 17<sup>th</sup> Annual Comparative Cognition Conference, Melbourne, FL, March 24-27.

**Kurti, A.N., & Matell, M.** (2011). *Averaging of temporal memories across drug states*. Talk given at the 18<sup>th</sup> Annual Comparative Cognition Conference, Melbourne, FL, March 3-6.

**Kurti, A.N., & Dallery, J.** (2013). *Internet-based contingency management increases walking in sedentary adults*. Talk given at the 39<sup>th</sup> annual Association for Behavior Analysis conference, Minneapolis, MN, May 24-28.

**Kurti, A.N., Kurti, S., Rosenkranz, S., Emerson, S., & Harns, C.** (2014). *Indoor air pollution and respiratory health in Belizean children*. Talk given at the Unite for Sight conference, Yale University, April 11-12.

**Kurti, A.N., & Dallery, J.** (2014). *Translational research on innovative, behavioral treatments for cigarette smokers*. Talk given at the 40<sup>th</sup> annual Association for Behavior Analysis conference, Chicago, IL, May 24-28.

**Kurti, A.N.** (2015). *Maximizing productivity and marketability as a postdoc*. Talk given at the Annual College of Problems on Drug Dependence conference, Phoenix, AZ, June 13-15.

**Kurti, A.N.** (2015). *Behavior analytic approaches to health promotion*. Invited talk given at the 41<sup>st</sup> annual Association for Behavior Analysis conference, San Antonio, TX, May 22-26.

Higgins, S.T., **Kurti, A.N.**, Redner, R., White, T.J., Keith, D.R., &...Stanton, C.A. (2016). *Intersections among risk factors for cigarette smoking in a U.S. nationally representative sample*. Talk given at the annual Society for Research on Nicotine and Tobacco conference, Chicago, IL, March 13-16.

**Kurti, A.N.**, Redner, R.N., Bergeria, C., Doogan, N.J., & Higgins, S.T. (2017). *Nicotine and Tobacco Use and Assessment Among Pregnant and non-Pregnant Women of Reproductive Age*. Symposium talk given at the annual American Psychological Association Conference, Washington, DC, August 3-6.

**Kurti, A.N.** (2017). *E-cigarette Use Among Non-Pregnant Women of Reproductive Age and Pregnant Women*. Talk given at the annual Vermont Center on Behavior and Health conference, Burlington, VT, October 4-5.

**Kurti, A.N.** & Higgins, S.T. (2018). *Vulnerabilities to Tobacco Product Use and Strategies to Reduce Use Among Women of Reproductive Age*. Symposium chaired/talk given at the annual Society for Research on Nicotine and Tobacco Conference, Baltimore, MD, February 21-25.

**Kurti, A.N.** (2018). *Smartphone-based Financial Incentives to Promote Smoking Cessation among Pregnant Women*. Talk given at annual College of Problems on Drug Dependence conference (Contingency Management Working Group), San Diego, CA, June 9-14.

## International

**Kurti, A.N.** (2015). *Effects of exercise and contingency management on craving and cigarette smoking in the human laboratory*. Talk given at the annual American Psychological Association convention, Toronto, Canada, August 6-9.

**Kurti, A.N.**, Redner, R., Lopez, A.A., Keith, D.R., Villanti, A.C., Stanton, C.A., Gaalema, D.E., Bunn, J.Y., Doogan, N.J., Cepeda-Benito, A., Roberts, M.E., Phillips, J., & Higgins, S.T. (2017). *Patterns of tobacco and nicotine delivery product use in a U.S. national sample of pregnant women*. Talk given at the annual Society for Research on Nicotine and Tobacco Conference, Florence, Italy, March 12-15.

## Poster Presentations

### Regional

**Kurti, A.N.** (2008, May). *An attempt to increase temporal discounting with subliminal stimulation*. Poster presented at the North Carolina Psychological Association Poster Conference, University of North Carolina-Chapel Hill.

**Kurti, A.N.**, & Matell, M. (2010, November). *Nucleus accumbens dopamine modulates response rate but not response timing in an interval timing task*. Poster presented at the Southeastern Association for Behavior Analysis (SEABA) Conference, Asheville, NC, November 4-7 (Previously presented at the Society for Neuroscience conference).

**Kurti, A.N., & Dallery, J.** (2014, August). *A laboratory-based evaluation of exercise plus contingency management for reducing cigarette smoking*. Poster presented at the Vermont Center on Behavior and Health retreat, Burlington, VT, August 14.

Clark, E.M., Jones, C., Gaalema, D., Redner, R., White, T.J., **Kurti, A.N.**, Schneider, A., Couch, M., Dodds, P., & Danforth, C. (2014). *Electronic cigarettes and Twitter: Sentiments, categorization, and hedonometrics*. Poster presented at the Vermont Center on Health Behavior Conference, Burlington, VT, October 2-4.

**Kurti, A.N.**, Davis, D., Skelly, Joan M., White, Thomas J., & Higgins, Stephen T. (2014, October). *Predicting smoking cessation in pregnant women: Cigarettes per day versus time to first cigarette*. Poster presented at the Vermont Center on Health Behavior Conference, Burlington, VT, October 2-4.

**Kurti, A.N.**, Redner, R., Lopez, A.A., Keith, D.R., &...Higgins, S.T. (2016). *Examining patterns of tobacco product use among pregnant women*. Poster presented at the Neuroscience, Behavior, and Health Research Forum at the University of Vermont, Burlington, Vermont, January 20-21.

## National

**Kurti, A.N., & Matell, M.** (2009, March). *Modality Effects in a Delay Discounting Task*. Poster presented at the 16<sup>th</sup> Annual Comparative Cognition Conference, Melbourne, FL, March 19-21.

**Kurti, A.N., & Matell, M.** (2009, May). *Microinjections of amphetamine into the dorsal striatum increase early responding in an interval timing task*. Poster presented at the Society for Neuroscience Conference, Chicago, IL, October 17-21.

Fernandez-Duque, D., del Rio, V., **Kurti, A.**, Hughes, M., & Todd, A. (2009, November). *The 'side-effect' effect, intentionality judgments, and motivated cognition*. Poster presented at the Annual Conference of the Society for Judgment and Decision Making, Boston, MA, November 21-23.

**Kurti, A.N., & Matell, M.** (2010, March). *Interval timing behavior in response to stimulus compounds as a function of reinforcement probability*. Poster presented at the 17<sup>th</sup> Annual Comparative Cognition Conference, Melbourne, FL, March 19-21.

**Kurti, A.N., & Matell, M.** (2010, November). *Nucleus accumbens dopamine modulates response rate but not response timing in an interval timing task*. Poster presented at the Society for Neuroscience conference, San Diego, CA, November 13-16.

**Kurti, A.N., & Matell, M.** (2011, March). *Modality Effects in a Delay Discounting Task*. Poster presented at the ABAI Behavioral Economics Conference, Chicago, IL, March 25-27 (Previously presented at the Comparative Cognition Conference).

**Kurti, A.N., & Matell, M.** (2011, November). *Averaging of temporal memories across drug states*. Poster presented at the Society for Neuroscience conference, Washington, D.C., November 12-16 (Previously presented at the Comparative Cognition Conference).

**Kurti, A.N., & Dallery, J.** (2012, May). *Individual differences in effects of exercise on objective and subjective measures of smoking in the human laboratory*. Poster presented at the annual Association for Behavior Analysis conference, Seattle, WA, May 25-29.

**Kurti, A.N., & Dallery, J.** (2013, March). *Effects of exercise on craving and cigarette smoking in the human laboratory*. Poster presented at the Society for Research on Nicotine and Tobacco conference, Boston, MA, March 13-16.

**Kurti, A.N., & Dallery, J.** (2013, June). *Effects of exercise on craving and cigarette smoking in the human laboratory*. Poster presented at the College of Problems on Drug Dependence conference, San Diego, CA, June 15-20 (Previously presented at the Society for Research on Nicotine and Tobacco conference).

Davis, D., **Kurti, A.N.**, Skelly, Joan M., Redner, R., & Higgins, Stephen T. (2015, February). *Nicotine dependence indicators among pregnant smokers: Distinction between time-to-first cigarette and cigarettes per day*. Poster presented at Society for Research on Nicotine and Tobacco conference, Philadelphia, PA, February 23-26.

**Kurti, A.N.**, Davis, D., Skelly, Joan M., White, Thomas J., & Higgins, Stephen T. (2015, February). *Predicting smoking cessation in pregnant women: Cigarettes per day versus time to first cigarette*. Poster presented at Society for Research on Nicotine and Tobacco conference, Philadelphia, PA, February 23-26 (Previously presented at the Vermont Center on Health and Behavior Conference).

Higgins, S.T., **Kurti, A.N.**, Redner, R., White, T.J., &...Atwood, G. (2015). *A review of the literature on prevalence of gender differences and intersections with other vulnerabilities to tobacco use in the United States, 2004-2014*. Poster presented at the NIH Tobacco Centers of Regulatory Science meeting, Bethesda, MD, October 14-15.

**Kurti, A.N.**, Skelly, J.M., & Higgins, S.T. (2016). *Adapting the Heaviness of Smoking Index for use with pregnant cigarette smokers*. Poster presented at the annual Society for Research on Nicotine and Tobacco conference, Chicago, IL, March 13-16.

**Kurti, A.N.**, Klemperer, E., Zvorsky, I., Redner, R., Priest, J., & Higgins, S.T. (2016). Some context for understanding the place of the GED in the relationship between educational attainment and smoking prevalence. *Preventive Medicine*. Poster presented at the annual College on Problems of Drug Dependence conference, Palm Springs, CA, June 11-16.

**Kurti, A.N.**, Redner, R., Lopez, A.A., Keith, D.R., &...Higgins, S.T. (2016). *Prevalence and predictors of use of tobacco cigarettes, e-cigarettes, and other tobacco and nicotine delivery products in a U.S. nationally representative sample of pregnant women*. Poster presented at the NIH Tobacco Centers of Regulatory Science meeting, Bethesda, MD, November 7-8.

**Kurti, A.N.**, Higgins, S.T., Kong, G., & Mead, E. (2017). *Contributions of the TCORS vulnerable populations working group*. Poster presented at the NIH Tobacco Centers of Regulatory Science meeting, Bethesda, MD, October 23-24.

Ward, E., Nostikasari, D., **Kurti, A.N.**, Kassianos, A., Payton, J., Adams Spears, C., Mitchell, F., & Notley, C. (2018). *Staying healthy after childbirth (project HATCH)—A theory-based survey of UK and USA HCPS views on the promotion of smoking cessation and interrelated cancer preventative behaviours postpartum*. Poster presented at the annual Society for Research on Nicotine and Tobacco Conference, Baltimore, MD, February 21-25.

Quisenberry A, Stanton CA, Doogan N, Lopez AA, Roberts ME, Redner R, Parker M, Nighbor T, Keith DR, **Kurti AN**, Gaalema D, Cepeda-Benito A, & Higgins ST. (2019). *Advertising receptivity mediates a disparity to progression to regular cigarette use among sexual and gender minorities*. Poster presented at the annual Society for Research on Nicotine and Tobacco Conference, San Francisco, CA, February 19-23.

Rey CN, **Kurti A**, Badger G, Cohen A, & Heil H. (2019). *Stigma, discrimination, treatment effectiveness, and policy support: Comparing behavior analysts' views on substance use disorders and mental illness*.

Poster presented at the annual College for Problems on Drug Dependence Conference, San Antonio, TX, June 15-19.

Nighbor T, Doogan N, Roberts M, Cepeda-Benito A, **Kurti A**, Priest J, Johnson HK, Lopez AA, Stanton C, Gaalema D, Redner R, Parker MA, Keith D, Quisenberry A, & Higgins ST. (2019). *Smoking prevalence and trends among a U.S. national sample of women of reproductive age in rural versus urban settings*. Poster presented at the annual College for Problems on Drug Dependence Conference, San Antonio, TX, June 15-19.

**Kurti AN**, Bunn JY, Nighbor T, Cohen AH, Bolivar H, Tang KJ, Dallery J, & Higgins ST (2019). *Leveraging technology to address the problem of cigarette smoking among women of reproductive age*. Poster presented at the Society for Research on Nicotine and Tobacco Conference, San Francisco, CA, February 20-24.

## **International**

**Kurti AN**, Bunn JY, Nighbor T, Cohen AH, Bolivar H, Tang KJ, Dallery J, & Higgins ST (2019). *Leveraging technology to address the problem of cigarette smoking among women of reproductive age*. Poster presented at the 11<sup>th</sup> International Women's and Children's Health and Gender (InWomen's) Group Conference, San Antonio, TX, June 14.

## **PROFESSIONAL SERVICE**

### **Departmental Service**

COBRE Project Director Representative to Administrative Core, University of Vermont, 2018-Present

### **College Services**

Graduate Faculty, University of Vermont, 2017-Present

### **Medical Center Service**

### **University Service**

Editor, CONCEPT Interdisciplinary Journal, Villanova University, 2009-2010

### **Society Memberships**

**Member**, Comparative Cognition Society (2008-2011)

**Member**, Philadelphia Neuropsychology Society (2008-2011)

**Member**, Society for Neuroscience (2010-2011)

**Member**, Association for Behavior Analysis International (2011-2014)

**Member-in-Training**, College of Problems on Drug Dependence (2013-2014)

**Member**, Society of Research on Nicotine and Tobacco Trainee Network (2013-Present)

**Member**, American Psychological Association (2008-Present)

**Member**, Association for Psychological Science (2008-Present)

**Associate Member**, College of Problems on Drug Dependence (2014-Present)

**Member**, Vermont Chapter of the Society for Neuroscience (2016-Present)

**External Affiliate**, Global Gender Center, RTI International (2017-Present)

**Associate Member**, University of Vermont Cancer Center (2018-Present)

## Service to Professional Organizations

**Reviewer**, Association for Psychological Science (2008-2014)

**Reviewer**, Symposia Submissions, Society for Research on Nicotine and Tobacco (2015)

**Steering Committee Member**, CPIT III Clinical Trial for Pregnant Cigarette Smokers (2017-Present)

**Member**, Industry Relations Committee, College of Problems on Drug Dependence (2018-Present)

**Co-chair**, Special Interest Group on Incentives, Society for Research on Nicotine and Tobacco (2018-Present)

## Editorial Activities

Editorial Fellow, *Drug and Alcohol Dependence* (2017-2018)

Editorial Board Member, *Drug and Alcohol Dependence* (2018-2020)

## Guest Reviewer (Selected Sample)

Referee for *Nicotine and Tobacco Research*

Referee for *Tobacco Induced Diseases*

Referee for *Drug and Alcohol Dependence*

Referee for *Addictive Behaviors*

Referee for *Journal of Applied Behavior Analysis*

Referee for *Preventive Medicine*

Referee for *Neurotoxicology and Teratology*

Referee for *Experimental and Clinical Psychopharmacology*

Referee for *Pharmacoepidemiology and Drug Safety*

Referee for *Journal of Substance Abuse Treatment*

Referee for *Journal of Medical Internet Research*

Referee for *Journal of Addiction Medicine*

Referee for *Behavioural Processes*

Referee for *Perspectives on Behavioral Sciences*

## Public Service

Member, Alpha Phi Omega Community Service Fraternity (2005-2008)

Volunteer, ProWorld Service Organization (Summer 2014)

Volunteer, Burlington Dismas House (2016-Present)

Advisor to Vermont Department of Health (VDH) (2017-Present)

Board of Directors, Dismas of Vermont (2018-Present)

Volunteer, Peace and Justice Center (2018-Present)

## LICENSES, CERTIFICATION

Board Certified Behavior Analyst (BCBA), 2014-Present (BACB® Certification Number: 1-14-10350)

## TEACHING

### Formal Scheduled Classes

**Laboratory Instructor**, Villanova University, Cognitive Psychology, September 2009-January 2010  
**Instructor**, University of Florida, Physiological Psychology, Summer 2011  
**Instructor**, University of Florida, General Psychology, Summer 2012  
**Teaching Assistant**, University of Florida, Applied Behavior Analysis, Spring 2013  
**Instructor**, University of Florida, Applied Behavior Analysis, Spring 2014  
 Instructor, University of Vermont, Advanced Readings/Research, Fall 2017

## **Supervising and Mentoring**

### **Research Assistants**

Danielle Davis, Pre-doctoral Student (Experimental Psychology), University of Vermont  
 Ivori Zvorsky, Pre-doctoral Student (Clinical Psychology), University of Vermont  
 Bethany Mondor, M.M.C.I., Clinical Informatics, Duke University  
 Connie Farmer, M.A., Mental Health Counseling, Nova Southeastern University  
 Kristen Albert, M.S.M., Management, University of Florida  
 Nicole Snyder, M.P.H., Public Health, University of South Florida  
 Valeria Altieri, B.S., Research Assistant, University of Florida-Department of Management  
 Tanvi Pendharkar, M.S., Applied Behavior Analysis, Western New England University  
 Jessica Riedel, M.S., Health Education and Behavior, University of Florida  
 Jessica Cowan, M.S., Applied Behavior Analysis, Florida State University  
 Lesleigh Craddock, M.S., Applied Behavior Analysis, Western New England University  
 Jessica Brown, Undergraduate, University of Florida

### **Teaching Assistants**

Lea Meir, M.D., Florida State University  
 Madelyn Upthegrove, M.S., Applied Behavior Analysis, University of North Texas  
 Brianna Laureano, Undergraduate, University of Florida

### **Postdoctoral Fellows and Residents**

Tyler Nighbor, PhD, Postdoctoral Fellow, University of Vermont, 2017-Present  
 Diana R. Keith, PhD, Postdoctoral Fellow, University of Vermont, 2017-Present

### **Faculty**

Curtis Bone, M.D., Assistant Professor, University of Pennsylvania, 2017-Present

## **Dissertation/Thesis Committee Membership**

Dissertation Committee Member (Ivori Zvorsky, M.S.), 2018-Present  
 Dissertation Committee Member (Danielle Davis, M.S.), 2018-Present

## **Teaching Workshops and Symposia Attended**

“Technology and Teaching the Diverse Learner with Special Needs,” Symposium attended at the 40<sup>th</sup> annual Association for Behavior Analysis conference, Chicago, IL. May 24-28, 2014.

“The Foundations—Conducting Professional Focus Groups,” Group Dimensions International training workshop attended (Director: Janet M. Billson, PhD), Washington, DC. December 11-12, 2017.

“Trauma Informed Care as a Universal Precaution: Practical Applications for Behavioral Medicine Practitioners and Researchers,” Workshop attended at the 40<sup>th</sup> annual Society of Behavioral Medicine conference, Washington, DC. May 5-7, 2019.

“Using the Insight Platform to Rapidly Create Innovative Smartphone Based Assessments and Just-in-Time Adaptive Interventions,” Workshop attended at the 40<sup>th</sup> annual Society of Behavioral Medicine conference, Washington, DC. May 5-7, 2019.