

**ALLISON N. KURTI, Ph.D., BCBA**

**CURRICULUM VITAE**

Title: Assistant Professor, Department of Psychiatry, Vermont Center on Behavior and Health  
Office: University of Vermont-UHC Campus, 1 S. Prospect St, Burlington, VT, 05401  
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EDUCATION

**Doctor of Philosophy** August 2014  
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** August 2010  
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*** May 2008  
Psychology  
Department of Psychology  
Wake Forest University, Winston-Salem, NC      Psychology GPA: 3.94/4.00

ACADEMIC HONORS

**Participant**, Innovation Lab on Radical Solutions to the Opioid Misuse Epidemic, University at Buffalo Clinical and Translational Science Institute, November 2017  
**Best Reviewer 2016**, Recognition for exceptional quality of manuscript reviews for *Pharmacoepidemiology and Drug Safety*, July 2017  
**Recipient**, Drug and Alcohol Dependence Editorial Fellowship, May 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**, International Cancer Prevention Innovation Grant, NCI-CRUK, April 2017  
**Recipient**, CPDD Travel Award for Early Career Investigators, June 2016  
**Recipient**, Dissertation Research Award, American Psychological Association (Division 28), January 2015  
**Recipient**, Outstanding Trainee Award, Society of Research on Nicotine and Tobacco, November 2014  
**Recipient**, Gerber Behavior Analysis Research Award for Outstanding Research in Behavior Analysis, March 2014

**Recipient**, Behavior Analysis Research Award, February 2014  
**Recipient**, College of Liberal Arts & Sciences Dissertation Research Award, November 2013  
**Recipient**, Presidential Scholar Essay Contest Award, Association for Behavior Analysts International, May 2012  
**Recipient**, Ingeborg L. and O. Byron Ward Outstanding Thesis Award, Villanova University, April 2011  
**Recipient**, Grinter Award, University of Florida, 2010-2014  
**Recipient**, Full Graduate Assistantship, Villanova University, 2008-2010  
**Recipient**, Summer Research Assistantship, Villanova University, Summer 2009  
**Recipient**, Honors in Psychology, Wake Forest University, May 2008  
**Recipient**, Deans List, 8 semesters, Wake Forest University, 2004-2008

## RESEARCH EXPERIENCE

**Postdoctoral Fellow** (Supervisor: Stephen Higgins, PhD), August 2014-Present  
University of Vermont, Vermont Center on Behavior and Health (Behavioral Economics, Behavioral Pharmacology)

- Manage large NIH-funded research projects on the efficacy/cost-effectiveness of incentive-based behavioral interventions to reduce smoking in socioeconomically disadvantaged pregnant women and women of young children
- Collaborate with other researchers to conduct tobacco regulatory research focused on the prevalence and abuse liability of cigarettes and other nicotine delivery products among vulnerable populations
- Development and testing of an incentive-based smoking cessation intervention to increase quit success among opioid-dependent pregnant cigarette smokers

**Graduate Research Assistant** (Supervisor: Jesse Dallery, PhD), August 2010-June 2014  
University of Florida, Behavioral Pharmacology (Behavior Analysis)

- Completed project: “Effects of exercise on craving and cigarette smoking in the human laboratory.”
- Completed project: “Internet-based contingency management increases walking in sedentary adults.”
- Completed project: “A combined, behavioral intervention to reduce cigarette smoking in the human laboratory.”
- Research Assistant on large NIH-funded research projects on Internet-based contingency management to promote smoking abstinence using individual and group contingencies

**Graduate Research Assistant** (Supervisor: Matthew S. Matell, PhD), August 2008-June 2010  
Villanova University, Experimental Psychology (Behavioral Neuroscience)

- Performed invasive techniques (survival surgery, microinjection of drugs, histological analysis)
- Analyzed and interpreted data using MATLAB7, SPSS, and SigmaPlot

## PUBLICATIONS

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. [published online ahead of print June 8, 2018] *Prev Med*. doi: 10.1016/j.ypmed.2018.06.001.

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. [published online ahead of print April 5, 2018] *Prev Med*. doi: 10.1016/j.ypmed.2018.04.008.

**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. (in press). Patterns of single and multiple tobacco product use among U.S. women of reproductive age. *Nicotine and Tobacco Research*.

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*.

Higgins, S.T., Davis, D.R., & **Kurti, A.N.** (in press). Financial incentives for reducing smoking and other health-related behavior change in vulnerable populations. *Policy Insights from the Behavioral and Brain Sciences*.

Lopez, A.A., Redner, R., **Kurti, A.N.**, Keith, D.R., Villanti, A.C., Stanton, C.A., Gaalema, D.E., Bunn, J.Y., Doogan, Cepeda-Benito, A., Roberts, M.E., Higgins, S.T. (in press). Tobacco and nicotine delivery product use in a national sample of women of reproductive age. *Preventive Medicine*.

**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., 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.

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.

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.

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., **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.

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

**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.

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.**, 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.

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.

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*.

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.

**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.

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., 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.

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.

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.

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

**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.**, & 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.**, & 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). Effects of exercise on craving and cigarette smoking in the human laboratory. *Addictive Behaviors*, 39, 1131-1137.

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.

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.

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.

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

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

## CHAPTERS

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.

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

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.

Dallery, J., Jarvis, B., & **Kurti, A.N.** (2011). Operant Conditioning. Oxford Online Bibliographies.

<http://oxfordbibliographiesonline.com/view/document/obo-9780199828340/obo-9780199828340-0043.xml>

**Kurti, A.**, 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.

#### OTHER PUBLICATIONS

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.** 2012 ABAI Presidential Scholar's Essay. *Inside Behavior Analysis*, 4, 8-9.

#### MANUSCRIPTS IN PREPARATION

Parker, M.A., Villanti, A.C., Quisenberry, A.J., Stanton, C.A., Doogan, N.J., Roberts, M.E., Cepeda-Benito, A., & Higgins, S.T. (under review). Tobacco product harm perceptions predict new use among United States youth. *Pediatrics*.

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

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*.

Gaalema, D.E., Pericot-Valverde, I., Bunn, J., Villanti, A.C., Cepeda-Benito, A., Doogan, N.J., Keith, D.R., **Kurti, A.N.**, Lopez, A., Nighbor, T., Parker, M.A., Quisenberrt, A., Redner, R., Roberts, M.E., Stanton, C.A., Ades, P.A., & Higgins, S.T. (under review). Cardiac patients and tobacco use: Perceptions, use, and changes after a recent cardiac event. *Preventive Medicine*.

**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. (under review). Examining the relationship between pregnancy and quitting tobacco products among a U.S. national sample of women of reproductive age. *Preventive Medicine*.

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

#### ORAL PRESENTATIONS

**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.** & 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.** (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.** (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.**, 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.**, 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.

**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.

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.** (2015, August). *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.** (2015, July). *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.** (2015, May). *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.

**Kurti, A.N.** (2015, June). *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., & Dallery, J.** (2014, May). *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., Kurti, S., Rosenkranz, S., Emerson, S., & Harns, C.** (2014, April). *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.** (2013, May). *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., & Dallery, J.** (2012, September). *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., & Matell, M.** (2011, March). *Averaging of temporal memories across drug states*. Talk given at the 18<sup>th</sup> Annual Comparative Cognition Conference, Melbourne, FL, March 3-6.

Matell, M., Hughes, M., & **Kurti, A.** (2010, March). *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.

#### POSTER PRESENTATIONS

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.

**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.

**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.

**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.,** 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.,** 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.

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.,** 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).

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. (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.

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.,** & 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.

**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).

**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.** (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., & 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., & 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.** (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.** (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., & 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.

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.** (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.

**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.** (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.

## TEACHING EXPERIENCE

**Mentor**, University of Vermont, Advanced Readings/Research, Fall 2017

- Developed a syllabus in collaboration with a clinical psychology doctoral student for an independent study focused on postpartum mental health and substance use, with the end goal being a published review paper related to this topic

**Instructor**, University of Florida, Applied Behavior Analysis, Spring 2014

- Developed course syllabus, lecture materials, assignments, and exams for a 40-person course

**Teaching Assistant**, University of Florida, Applied Behavior Analysis, Spring 2013

- Held office hours weekly, graded quizzes and exams for a 40-person course

**Instructor**, University of Florida, General Psychology, Summer 2012

- Developed course syllabus, lecture materials, and exams for a 5-week, introductory psychology course

**Instructor**, University of Florida, Physiological Psychology, Summer 2011

- Developed course syllabus, lecture materials, and exams for a 5-week, introductory physiological psychology course

**Laboratory Instructor**, Villanova University, Cognitive Psychology, September 2009-January 2010

- Developed lecture materials and laboratory simulations, graded weekly abstracts

#### MENTORSHIP AND TRAINING

##### **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

#### GRANT ACTIVITY

**4P20GM103644-04**, National Institute of General Medical Sciences, 2013/08/01-2018/07/31

Stephen Higgins (PI)

Vermont Center on Behavior and Health

The VCBH goal is to investigate the relationships between personal behavior patterns (e.g., substance abuse, sedentary lifestyle, medication non-adherence) and risk for chronic disease and premature death. The overarching focus is on developing and evaluating clinical interventions for these risk behaviors and examining biases in decision-making and other potential mechanisms underpinning vulnerability to unhealthy behavior patterns using a behavioral economic conceptual framework.

Role: Project Director

**C54889/A25592**, Cancer Research United Kingdom, Population Research Committee—BUPA Foundation Fund—International Innovation Grant

Caitlin Notley (PI)

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

Role: Co-Investigator

**NRSA-F31** (submitted to the National Institutes of Health- NIDA). Translational research on innovative, behavioral treatments for cigarette smokers. Role: Principal Investigator. Not funded.

#### EDITORIAL ACTIVITY

Reviewer, Manuscript for *Drug and Alcohol Dependence*, July 2018

Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, June 2018

Reviewer, Manuscript for *Drug and Alcohol Dependence*, June 2018

Reviewer, Manuscript for *Preventive Medicine*, May 2018

Reviewer, Manuscript for *Nicotine and Tobacco Research*, April 2018

Reviewer, Manuscript for *Drug and Alcohol Dependence*, April 2018

Reviewer, Manuscript for *IEEE Transactions on Industrial Informatics*, March 2018

Reviewer, Manuscript for *Preventive Medicine*, February 2018

Editorial Fellow, *Drug and Alcohol Dependence*, May 2017-Present

Reviewer, Manuscript for *Neurotoxicology and Teratology*, January, 2018

Reviewer, Manuscript for *Drug and Alcohol Dependence*, October 2017

Reviewer, Manuscript for *Nicotine and Tobacco Research*, October 2017

Reviewer, Manuscript for *Behavioural Processes*, September 2017

Reviewer, Manuscript for *International Journal of Environmental Research and Public Health*, August 2017

Reviewer, Manuscript for *Nicotine and Tobacco Research*, June 2017

Reviewer, Manuscript for *Preventive Medicine*, April 2017

Reviewer, Manuscript for *Preventive Medicine*, April 2017

Reviewer, Manuscript for *Experimental and Clinical Psychopharmacology*, March 2017

Reviewer, Manuscript for *Journal of Environmental Research and Public Health*, March 2017

Reviewer, Manuscript for *Translational Issues in Psychological Science*, February 2017

Reviewer, Manuscript for *Preventive Medicine*, February 2017

Reviewer, Manuscript for *Behavioural Processes*, January 2017

Reviewer, Manuscript for *Journal of Medical Internet Research*, December 2016

Reviewer, Manuscript for *The Psychological Record*, December 2016

Reviewer, Submissions to annual Association for Psychological Science conference, December 2016

Reviewer, Manuscript for *Journal of Medical Internet Research*, December 2016

Reviewer, Manuscript for *Epidemiology and Preventive Medicine*, November 2016

Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, September 2016

Reviewer, Submissions to annual Society for Research on Nicotine and Tobacco conference, September 2016

Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, August 2016

Reviewer, Manuscript for *Pharmacoepidemiology and Drug Safety*, June 2016

Reviewer, Manuscript for *Journal of Substance Abuse Treatment*, June 2016

Reviewer, Manuscript for *Behavior Analysis: Research and Practice*, April 2016

Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, April 2016

Reviewer, Manuscript for *Journal of Substance Abuse Treatment*, March 2016

Reviewer, Manuscript for *Psychiatry Research*, February 2016  
 Reviewer, Manuscript for *Preventive Medicine*, January 2016  
 Reviewer, Manuscript for *Preventive Medicine*, December 2015  
 Reviewer, Manuscript for *Drug and Alcohol Dependence*, December 2015  
 Reviewer, Symposia submissions to annual Society for Research on Nicotine and Tobacco conference, December 2015  
 Reviewer, Manuscript for *The Psychological Record*, November 2015  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, September 2015  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, August, 2015  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, August, 2015  
 Reviewer, Manuscript for *Translational Issues in Psychological Science*, August 2015  
 Reviewer, Manuscript for *Journal of Medical Internet Research*, July 2015  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, April 2015  
 Reviewer, Manuscript for *Drug and Alcohol Dependence*, April 2015  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, February 2015  
 Reviewer, Manuscript for *The American Journal of Drug and Alcohol Abuse*, December 2014  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, October, 2014  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, October, 2014  
 Reviewer, Manuscript for *Mexican Journal of Behavior Analysis: Special Issue on Behavior Analysis and Technology*, September 2014  
 Reviewer, Manuscript for *The American Journal of Drug and Alcohol Abuse*, August 2014  
 Reviewer, Manuscript for *Journal of Applied Behavior Analysis*, August 2014  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, March 2014  
**Reviewer**, Manuscript for *Drug and Alcohol Dependence*, February 2014  
**Reviewer**, Association for Psychological Science: Student Grant Competition, January 2014  
**Reviewer**, Manuscript for *Drug and Alcohol Dependence*, November 2013  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, September 2013  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, August 2013  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, April 2013  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, February 2013  
**Reviewer**, Manuscript for *Nicotine and Tobacco Research*, December 2012  
**Reviewer**, Association for Psychological Science: Student Grant Competition, December 2012  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, September 2012  
**Reviewer**, Manuscript for *Journal of Applied Behavior Analysis*, July 2012  
**Reviewer**, Association for Psychological Science: RiSE Research Award Competition, January 2012  
**Reviewer**, Manuscript for *Psychology of Addictive Behaviors*, December 2011  
**Reviewer**, Association for Psychological Science: Student Grant Competition, November 2011  
**Reviewer**, Association for Psychological Science: RiSE Research Award Competition, March 2011  
**Reviewer**, Association for Psychological Science: Student Grant Competition, November 2010  
**Editor**, CONCEPT Interdisciplinary Journal, Villanova University, March 2010  
**Reviewer**, CONCEPT Interdisciplinary Journal, Villanova University, March 2009  
**Reviewer**, Association for Psychological Science: Student Research Awards, February 2009  
**Reviewer**, Association for Psychological Science: Student Grant Competition, November 2008

#### OTHER SERVICE

April 2018-Present      Member, Industry Relations Committee, College of Problems on Drug Dependence

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

October 2017-Present CPIT-III Trial Steering Committee

- Participate in twice yearly meetings on a Phase III trial evaluating financial incentives for smoking cessation among pregnant women (Co-chief Investigators: David Tappin, Ph.D., Linda Bauld, Ph.D.)

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

- Provide advice to individuals associated with VDH about implementing the financial incentives-based interventions to reduce cigarette smoking during pregnancy developed at the University of Vermont in the Rutland, VT community. Partners in this effort include: Vermont Department of Health, Rutland Area Visiting Nurses Association, Rutland Regional Medical Center.

### ACADEMIC/PROFESSIONAL ORGANIZATIONS

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

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

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

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

Member, Association for Psychological Science (2008-Present)

Member, American Psychological Association (2008-Present)

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

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

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

Member, Society for Neuroscience (2010-2011)

Member, Philadelphia Neuropsychology Society (2008-2011)

Member, Comparative Cognition Society (2008-2011)

### 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.

- Talks, discussion, and interactive demonstrations focused on incorporating technology into education
- Topics addressed: computer-assisted classroom instruction, using mobile technology to deliver supplemental instruction, technology and tailored instruction, demographic considerations associated with technology and education

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

- Participated in training workshop to learn how to employ qualitative data collection and analysis procedures

“Using Stata Effectively,” Training workshop attended, Washington, DC. January 23-24, 2018.

- Participated in training workshop to learn how to utilize Stata statistical software to conduct statistical analyses, power analyses, and generate graphs.

“Introduction to Economic Evaluation,” Training workshop attended, Bethesda, MD. March 19, 2018.

- Participated in training workshop to learn how to conduct cost-effectiveness analyses as part of clinical trials or using secondary datasets.

References:

Stephen T. Higgins, Ph.D. University of Vermont Professor and Vice Chair,  
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Jesse Dallery, Ph.D. University of Florida Professor, Department of  
Psychology Phone: 352-273-2182 Email: [dallery@ufl.edu](mailto:dallery@ufl.edu)

Neil Rowland, Ph.D. University of Florida Professor and Chair, Department of  
Psychology Phone: 352-273-2178 Email: [nrowland@ufl.edu](mailto:nrowland@ufl.edu)