

Danielle R. Davis

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EDUCATION

University of Vermont (July 2014-present)
PhD, General/Experimental Psychology (Expected: May 2019)
Graduate Advisor: Stephen T. Higgins, PhD

Georgia College (August 2010-May 2014)
BS, Psychological Science

TRAINING SUPPORT

P50DA036114 from the National Institute on Drug Abuse (NIDA) and the U.S. Food and Drug Administration (FDA)

AWARDS & HONORS

2012-2014 **Outstanding Psychology Student Award**, Georgia College & State University
2010-2014 **HOPE Scholarship Recipient**, Georgia College & State University
2011,2013 **Dean's List**, Georgia College & State University
2011 **President's List**, Georgia College & State University

RESEARCH EXPERIENCE

2014-present **Vermont Center on Behavior and Health**
University of Vermont
Principal Investigator: Stephen T. Higgins, PhD

- Coordinated and collected research on two clinical trials examining the effects of low nicotine content cigarettes in three vulnerable populations.
- Managed and ran project investigating food reinforcement in infants of socioeconomically disadvantaged women who smoked during pregnancy

- 2015-present **Resurgence Laboratory, University of Vermont**
Principal Investigator: Mark E. Bouton, PhD
- Designed and ran novel animals models of contingency management and resurgence using MedPC, completed graphical and statistical analyses
- 2013-2014 **Behavioral Pharmacology Laboratory, Georgia College**
Principal Investigator: Kristina Dandy, Ph.D.
- Conducted non-human animal research on the effects of age on impulsivity, developed a novel delay discounting task using MedPC
- 2013-2014 **Social Psychology & Wellness Laboratory, Georgia College**
Principal Investigator: Whitney Heppner, Ph.D.
- Co-led research examining the role of trait and state mindfulness in the pursuit of self-selected health goals among college students
- 2012-2013 **Georgia College**
Principal Investigator: H. Lee Gillis, Ph.D.
- Assisted in data collection and coding of a meta-analysis

PUBLICATIONS

1. Bouton, M. E., Thrailkill, E. A., Bergeria, C. L., & **Davis, D. R.** (2017) Preventing Relapse after Incentivized Choice Treatment: A Laboratory Model. *Behavioural Processes*.
2. Higgins, S. T., **Davis, D. R.**, & Kurti, A. N. (2017) Financial Incentives for Reducing Smoking and Promoting Other Health-Related Behavior Change in Vulnerable Populations. *Policy Insights from the Behavioral and Brain Sciences*.
3. Higgins, S. T., Heil, S. H., Sigmon, S. C., Tidey, J. W., Gaalema, D. E., Stitzer, M., Durand, H., Bunn, J. Y., Priest, J. S., Arger, C. A., Miller, M. E., Bergeria, C. L., **Davis, D. R.**, Streck, J. M., Zvorsky, I., Redner, R., Vandrey, R., & Pacek, L. R. (2017) Varying the Nicotine Content Level in Cigarettes in Vulnerable Populations: an Initial Experimental Examination of Acute Effects. *Psychopharmacology*.
4. **Davis, D. R.**, Kurti, A. N., Skelly, J. N., Redner, R., White, T. J., & Higgins, S. T. (2016) Contingency Management: Trends in the Literature, 2009-2014. *Preventive Medicine*.
5. Kurti, A. N., **Davis, D. R.**, Skelly, J., Redner, R., & Higgins, S. T. (2016). Predicting Smoking Cessation in Pregnant Women: Cigarettes Per Day versus Time to First Cigarette. *Experimental and Clinical Psychopharmacology*.

6. Kurti, A. N., **Davis, D. R.**, Redner, R., Jarvis, B., Zvorsky, I., Atwood, G. A., & Higgins, S. T. (2016). Incorporating Technology into Incentive-Based Interventions to Promote Health-Related Behavior Change: A Systematic Literature Review, 2004-2015. *Translational Issues in Psychological Science*.

CHAPTERS

1. Heil, S.H., **Davis, D.R.**, Arger, C.A., & Higgins, S.T. (*submitted*). Contingency management and the community reinforcement approach. In S.C. Miller, D. Fiellin, R.N. Rosenthal, & R. Saitz (Eds.), The ASAM Principles of Addiction Medicine (6th ed.). Baltimore, MD: Wolters Kluwer.

OTHER PUBLICATIONS

1. Higgins, S. T., Kurti, A. N., & **Davis, D. R.** (2017) Pay people to stop smoking? It works, especially in vulnerable groups. *The Conversation*

WORK IN PROGRESS

1. **Davis, D. R.**, Bunn, J. Y., & Higgins, S.T. (*in preparation*) Comparing the effect of menthol status on the behavioral pharmacology of smoking reduced nicotine content cigarettes.
2. Higgins, S. T., Heil, S. H., Sigmon, S. C., Tidey, J. W., Gaalema, D. E., Hughes, J., R., Stitzer, M. L., Durand, H., Bunn, J. Y., Priest, J. S., Arger, C. A., Miller, M. E., Bergeria, C. L., **Davis, D. R.**, Streck, J. M., Skelly, J. M., & Tursi, L. (*submitted*) Addiction Potential of Reduced Nicotine Content Cigarettes in Populations with Psychiatric Disorders and Other Vulnerabilities to Tobacco Addiction.
3. Keith, D. R., Kurti, A. N., **Davis, D. R.**, Zvorsky, I., & Higgins, S. T. (*submitted*) A Review of the Effects of Very Low Nicotine Content Cigarettes on Behavioral/Cognitive Performance in Abstinent Smokers.

ORAL PRESENTATIONS

1. **Davis, D.R.**, Bergeria, C.L., Streck, J.M., Gaalema, D.E., Heil, S.H., Sigmon, S.C., Stitzer, M.L., Tidey, J.L., Higgins, S.T. (June, 2017). The influence of mentholation on usual brand and research cigarettes of varying nicotine content in vulnerable populations. Oral Presentation at the 79th Annual Meeting of the College on Problems of Drug Dependence, Montreal, Canada.
2. **Davis, D. R.** (August, 2016). Investigating changes in initial smoking topography upon initial exposure to very low nicotine content cigarettes. Oral Presentation at the 26th Annual Trainee Retreat, Vergennes, VT.

3. **Davis, D. R.**, Bergeria, C., Thrailkill, E. A., & Bouton, M. E. (June, 2015). Relapse after incentivized choice treatment. Oral Presentation at the 2015 Vermont Summer Summit, Hanover, NH.

POSTER PRESENTATIONS

1. **Davis, D.R.**, Bergeria, C.L., Streck, J.M., Gaalema, D.E., Heil, S.H., Sigmon, S.C., Stitzer, M.L., Tidey, J.L., Higgins, S.T. (March, 2017). Examining the influence of mentholation on the reinforcing effects of usual brand and research cigarettes of varying nicotine content. Poster presentation at the 23rd Annual Meeting of the Society for Research on Nicotine and Tobacco, Florence, Italy.
2. Streck, J.M., **Davis, D.R.**, Bergeria, C.L., Bunn, J.Y., Sigmon, S.C., Heil, S.H., Gaalema, D., Higgins, S.T. (November, 2016). Characterizing smokers who use American Indian reservation cigarettes. Poster presentation at the Annual Tobacco Centers of Regulatory Science/NIH Grantee Meeting, Bethesda, Maryland.
3. Streck, J.M., **Davis, D.R.**, Bergeria, C.L., Bunn, J.Y., Sigmon, S.C., Heil, S.H., Gaalema, D., Higgins, S.T. (October, 2016). Characterizing smokers who use American Indian reservation cigarettes. Poster presentation at The 4th Annual Behavior Change, Health and Health Disparities Conference, Burlington, Vermont.
4. **Davis, D.R.**, Bergeria, C.L., Streck, J.M., Gaalema, D.E., Heil, S.H., Sigmon, S.C., Stitzer, M.L., Tidey, J.L., Higgins, S.T. (October, 2016). Examining the influence of mentholation on the reinforcing effects of usual brand and research cigarettes of varying nicotine content. Poster presentation at The 4th Annual Behavior Change, Health and Health Disparities Conference, Burlington, Vermont.
5. **Davis, D. R.**, Solomon, L. J., & Higgins, S. T. (June 2016) Some recent developments on financial incentives in newly postpartum women. Poster Presentation at the 78th Annual Meeting of the College on Problems of Drug Dependence, La Quinta, CA.
6. Higgins, S. T., Redner, R., **Davis, D. R.**, Priest, J. S., & Bunn, J. Y. (May 2016) Socioeconomic disadvantage and other risk factors for using higher-nicotine/tar yield (regular full flavor) cigarettes. Poster Presentation at the NIH Tobacco Regulatory Science Conference, Bethesda, MD.
7. **Davis, D. R.** et al. (March 2016). Investigating changes in smoking topography upon initial exposure to very low nicotine content cigarettes. Poster Presentation at Annual Meeting of the Society for Research on Nicotine and Tobacco, Chicago, IL.

8. Higgins, S.T., Heil, S.H., Sigmon, S.C., Tidey, J.W., Gaalema, D.E., Stitzer, M.L., Vandrey, R., Durand, H., DeSarno, M.J., Arger, C.A., Miller, M.E., Pacek, L.R., **Davis, D.R.**, Streck, J.M. (March 2016). Response to varying nicotine content level in cigarettes: acute effects in vulnerable populations. Abstract accepted for presentation at the 22nd Annual Meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, Pennsylvania.
9. **Davis, D. R.** et al. (October 2015). Investigating changes in smoking topography upon initial exposure to very low nicotine content cigarettes. Poster Presentation at the TCORS In-Person Meeting, Baltimore, MD.
10. Keith, D.R., Kurti, A., **Davis, D. R.**, Zvorsky, I., & Higgins, S.T. (October 2015). A review of the effects of very low nicotine content cigarettes on behavioral performance in abstinent smokers. Poster presented at the annual TCORS In Person meeting, Bethesda, MD.
11. Bergeria, C., **Davis, D. R.**, Thrailkill, E. A., & Bouton, M. E. (October 2015). Relapse after incentivized choice treatment in a new animal model. Poster Presentation at the 3rd Annual Vermont Center on Behavior & Health Conference, Burlington, VT.
12. **Davis, D. R.**, Kurti, A. N., Redner, R., White, T. J., & Higgins, S. T. (June 2015). Contingency management in the treatment of substance use disorders: trends in the literature. Poster Presentation at the 77th Annual Meeting of the College on Problems of Drug Dependence, Phoenix, AZ.
13. **Davis, D. R.**, Kurti, A. N., Skelly, J. M., Redner, R., & Higgins, S. T. (February 2015). Predictors of nicotine dependence among pregnant smokers. Poster Presentation at 21st Annual Meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.
14. Kurti, A. N., **Davis, D. R.**, Skelly, J. M., White, T. M., & Higgins, S. T. (February 2015) Nicotine dependence indicators among pregnant smokers: time to first cigarette vs. cigarettes per day as predictors of abstinence. Poster Presentation at the 21st Annual Meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.
15. Isaac, W. L., Baloh, C. A., **Davis, D. R.**, Martinez, A. M., Pelech, K. E., Ranson, L. M., Toukoushian, K. D., & Vandergriff, R. K. (January 2015). Learning gains documented using student created comic chapters as class projects. Poster Presentation at the 37th Annual Meeting for the National Institute on the Teaching of Psychology, St. Petersburg, FL
16. **Davis, D. R.** & Higgins, S. T. Contingency management in the treatment of substance use disorders: trends in the literature. (October 2014). Vermont

Center on Behavior and Health 2nd Annual Conference: Behavior Change, Health, and Health Disparities, Burlington, VT.

17. **Davis, D. R.** & Higgins, S. T. Contingency management in the treatment of substance use disorders: trends in the literature. (August 2014). Poster Presentation at the Annual Training in Behavioral Pharmacology of Drug Dependence Scientific Retreat, Vergennes, VT.
18. Ranson, L. M., & **Davis, D. R.**, & Dandy, K. L. Testing impulsivity using a modified delay discounting task. (April 2014). Poster Presentation at 17th Annual Georgia College Student Research Conference, Milledgeville, GA.
19. **Davis, D. R.**, Kerr, A. N., & Ruggieri, R. L. (April 2014). The role of trait and state mindfulness in the pursuit of self-selected health goals among college students. Poster Presentation at Georgia College & State University's Psychology Major Day
20. **Davis, D. R.**, Kerr, A. N., & Ruggieri, R. L. (March 2014). The role of trait and state mindfulness in the pursuit of self-selected health goals among college students. Poster Presentation at the 60th Annual Meeting of Southeastern Psychological Association, Nashville, TN.
21. Kerr, A. N., Perret, V. A., **Davis, D. R.**, Kraich, E. G., Davis, C. A., Jenkins, A. M., Deleza, W. A., Young, D. L., & Heppner, W. L. (February 2014). The effects of trait and state mindfulness on emotional processing and emotional experience. Poster Presentation at the 15th Annual Society of Personality and Social Psychology's Meeting, Austin, TX
22. **Davis, D. R.**, Kerr, A. N., & Ruggieri, R. L. (March 2014). The role of trait and state mindfulness in the pursuit of self-selected health goals among college students. Poster Presentation at the 60th Annual Meeting of Southeastern Psychological Association, Nashville, TN.

EDITORIAL ACTIVITY

Reviewer, Manuscript for *Addiction*, February 2017

Reviewer, Manuscript for *Behavior Analysis: Research and Practice*, April 2017

Co-Reviewer, Manuscript for *Behavior Analysis: Research and Practice*, February 2017

Co-Reviewer, Manuscript for *Addiction*, December 2016

TEACHING EXPERIENCE

October 2016 - **Lecturer** - Brain on Drugs (COMU 021)

Fall 2016 - **Teaching Assistant** - Behavioral Economics (PSYS 369)

October 2015 - **Guest Lecturer** - Psychopharmacology (PSYS 219)

Fall 2013 - **Supplemental Instructor** – Research Methods (PSYS 2900)

SERVICE

2016 – present SRNT Health Disparities Network Operations Coordinator
2015 – 2016 Vermont Center of Behavior & Health Journal Club Facilitator
2015-2017 Psychology Department Graduate Student Representative
2013-2014 Psi Chi Officer, Georgia College & State University

PROFESSIONAL AFFILIATIONS

2016-present CPDD member in training
2013-present APA student member, Division Membership (28, 50, 3)
2014-present APAGS member
2014-present SRNT member
2012-present Psi-Chi (The National Honor Society in Psychology)
2013-2014 SEPA student member