Curriculum Vitae

**ERIC CHRISTIAN DONNY**

**BIOGRAPHICAL**

**Address:** 4119 Sennott Square **E-mail:** edonny@pitt.edu

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**ACADEMIC POSITIONS**

Title Full (tenured) Professor 9/15-present

Primary Department Psychology

Secondary Dept. Psychiatry (since 2012)

Behavioral and Community Health Sciences (since 2014)

Other Affiliations Pittsburgh Cancer Institute

Center for the Neural Basis of Cognition (CNBC)

Institution University of Pittsburgh

Title Associate (tenured) Professor 9/09-8/15

Department Psychology

Institution University of Pittsburgh

Title Assistant Professor 1/05-8/09

Department Psychology

Institution University of Pittsburgh

Title Assistant Professor 7/02-12/04

Department Psychiatry and Behavioral Sciences

Institution Johns Hopkins School of Medicine

Title Instructor 7/01-7/02

Department Psychiatry and Behavioral Sciences

Institution Johns Hopkins School of Medicine

**EDUCATION and TRAINING**

**Post-Doctoral Fellowship**

Program NIDA Post-Doctoral Training Fellowship (T32) 9/99-6/01

Institution Johns Hopkins University School of Medicine, Psychiatry

Advisor s George Bigelow, Ph.D., Director, Sharon Walsh, Ph.D., Maxine Stitzer, Ph.D.,

Behavioral Pharmacology Research Unit

Topic Areas Behavioral Pharmacology, Addiction

**Graduate**

Program Doctoral Program in Health Psychology 9/93-8/99

Institution University of Pittsburgh

Advisor Anthony Caggiula, Ph.D., Chair, Department of Psychology

Topic Areas Behavioral Pharmacology, Drug Abuse, Behavioral Medicine

Dissertation Evaluating Potential Sex Differences in the Reinforcing Effects 8/99

of Nicotine.

Committee: Caggiula (Chair), Fowler, Perkins, Sayette, Sved

Specialty Exam Stress, Nicotine, and Smoking Behavior 2/98

Committee: Caggiula (Chair), Fowler, Perkins, Sayette

Master’s Thesis Self-Administration of Intravenous Nicotine in Rats 4/96

Committee: Caggiula (Chair), Antelman, Fowler, Perkins

**Undergraduate:**

Program B.S. with Honors in Psychology as a Natural Science (Biology emphasis) 9/89-6/93

Institution University of California, Davis

Independent Study Behavioral Endocrinology 1992

Advisor: Mendoza

Independent Study Developmental Psychology 1991-3

Advisor: Eder

### RESEARCH

*\* denotes first author was mentored or co-mentored by Dr. Donny*

**Journal Articles (peer reviewed)**

Sweitzer, M.M.,\* Geier, C., Addicott, M., Denglinger, R.L., Raiff, B., Dallery, J., McClernon, F.J., **Donny, E.C.** (in press). Smoking abstinence-induced changes in resting state functional connectivity with ventral striatum predict lapse during a quit attempt. Neuropsychopharmacology.

Rupprecht, L.E.\*, Smith, T.T., **Donny, E.C.**, Sved, A.F. (in press). Self-administered nicotine suppresses body weight gain independent of food intake in male rats. Nicotine and Tobacco Research.

Buffalari, D.M., Mollica, J.K., Smith, T.T., Schassburger, R.L., Rinaman, L., Thiels, E., **Donny, E.C.**, Sved, A.F. (in press). Nicotine enhances footshock- and lithium chloride-conditioned place avoidance in male rats. Nicotine and Tobacco Research.

Perkins, K.A., Kunkle, N., Karelitz, J.L., Michael, V.C., **Donny, E.C.** (in press). Threshold dose for discrimination of nicotine via cigarette smoking. Psychopharmacology.

Perkins, K.A., Kunkle, N., Michael, V.C., Karelitz, J.L., **Donny, E.C.** (in press). Assessing discrimination of nicotine in humans via cigarette smoking. Nicotine and Tobacco Research.

Denlinger, R.L.\*, Smith, T.T.\*, Murphy, S.E., Koopmeiners, J.S., Benowitz, N.L., Hatsukami, D.K., Pacek, L.R., Colino, C., Cwalina, S.N. **Donny, E.C.** (in press). Nicotine and anatabine exposure from very low nicotine cigarettes. Tobacco Regulatory Science. (Denlinger and Smith were joint first authors)

Smith, T.T.\*, Rupprecht, L.E., Cwalina, S., Ominus, M., Murphy, S., **Donny, E.C.**, Sved, A.F. (in press). Effects of monoamine oxidase inhibition on the reinforcing properties of low-dose nicotine. Neuropsychopharmacology.

Schassburger, R.L.\*, Pitzer, E.M., Smith, T.T., Rupprecht, L.E., Thiels, E., **Donny, E.C**., Sved, A.F. (in press). Adolescent rats self-administer less nicotine than adults at low doses. Nicotine and Tobacco Research.

Sweitzer, M.M.\*, Geier, C.F., Denlinger, R., Forbes, E.E., Raiff, B.R., Dallery, J., McClernon, F.J., **Donny, E.C.** (in press). Blunted striatal response to monetary reward anticipation during smoking abstinence predicts lapse during a contingency-managed quit attempt. Psychopharmacology.

von Weymarn, L., Thomson, N., **Donny, E.**, Hatsukami, D., Murphy, S. (2016). Quantitation of the minor tobacco alkaloids nornicotine, anatabine, and anabasine in smokers' urine by high throughput liquid chromatography mass spectrometry. Chemical Research in Toxicology 29: 390-7.

Dermody, S.S.\*, Tidey, J.W., Denlinger, R.L., Pacek, L.R., al'Absi, M., Drobes, D.J., Hatsukami, D.K., Vandrey, R., **Donny, E.C**. (2016). The Impact of Smoking Very Low Nicotine Content Cigarettes on Alcohol Use. Alcohol Clin Exp Res. 40(3):606-15.

**Donny, E.C.**, Denlinger, R.L., Tidey, J.W., Koopmeiners, J.S., Benowitz, N.L., Vandrey, R.G., al’Absi, M., Carmella, S.G., Cinciripini, P.M., Dermody, S.S., Drobes, D.J., Hecht, S.S., Jensen, J., Lane, T., Le, C.T., McClernon, F.J., Montoya, I.D., Murphy, S.E., Robinson, J.D., Stitzer, M.L., Strasser, A.A., Tindle, H., Hatsukami, D.K. (2015). Randomized trial of reduced-nicotine standards for cigarettes. New England Journal of Medicine 373(14):1340-9. (Designated “Special Article” with accompanying editorial).

Smith, T.T.\*, Schaff, M.B., Rupprecht, L.E., Schassburger, R.L., Buffalari, D.M., Murphy, S.E., Sved, A.F., **Donny, E.C.** (2015). Effects of MAO inhibition and a combination of minor alkaloids, β-carbolines, and acetaldehyde on nicotine self-administration in adult male rats. Drug and Alcohol Dependence 155:243-52.

Rupprecht, L.E.\*, Donny, E.C., Sved, A.F. (2015). Obese Smokers as a Potential Subpopulation of Risk in

Tobacco Reduction Policy. Yale Journal of Biology and Medicine 88(3):289-94.

Benowitz, N.L., Nardone, N., Hatsukami, D.K., **Donny, E.C.** (2015). Estimating Non-Compliance with

Smoking of Very Low Nicotine Content Cigarettes. Cancer Epidemiology, Biomarkers and Prevention. 24(2):331-5.

Hatsukami, D.K., **Donny, E.C.**, Koopmeiners, J.S., Benowitz, N.L. (2015). Compensatory smoking from

gradual and immediate reduction in cigarette nicotine content. Cancer Epidemiology, Biomarkers and Prevention 24(2):472-6.

Schassburger, R\*, Levin, M., Weaver, M., Palmatier, M., Caggiula, A.R., **Donny, E.C**., Sved, A.F. (2015). Differentiating the primary reinforcing and reinforcement-enhancing effects of varenicline. Psychopharmacology 232(5):975-83.

Dermody, S.S.\*, **Donny, E.C**., Hertsgaard, L.A., Hatsukami, D.K. (2014). Greater reductions in nicotine exposure while smoking very low nicotine content cigarettes predict smoking cessation. Tobacco Control.

Smith, T.T.\*, Sved, A.F., Hatsukami, D.K., **Donny, E.C**. (2014). Nicotine reduction as an increase in the unit price of cigarettes: A behavioral economics approach. Preventive Medicine 68:23-8.

**Donny, E.C.**, Hatsukami, D.K., Benowitz, N.L., Sved, A.F., Tidey, J.W., Cassidy, R.N. (2014). Reduced nicotine product standards for combustible tobacco: Building an empirical basis for effective regulation. Preventive Medicine 68:17-22.

Smith, T.T.\*, Schassburger, R.L., Buffalari, D.M., Sved, A.F., **Donny, E.C.** (2014). Low dose nicotine self-administration is reduced in adult male rats naïve to high doses of nicotine: Implications for nicotine product standards. Experimental and Clinical Psychopharmacology 22(5):453-9.

Buffalari, D.M., Marfo, N.Y.A., Smith, T.T. Levin, M.E., Weaver, M.T., Thiels, E., Sved, A.F., **Donny, E.C.** (2014). Nicotine enhances the expression of a sucrose or cocaine conditioned place preference in adult male rats. Pharmacology, Biochemistry and Behavior 124:320-5.

Geier, C.F.\*, Sweitzer, M.M., Denlinger, R., Sparacino, G., & **Donny, E.C.** (2014). Abstinent adult daily smokers show reduced anticipatory but elevated saccade-related brain responses during a rewarded antisaccade task. Psychiatry Research: Neuroimaging 223(2):140-7.

Dermody, S.\* & **Donny, E.C.** (2014). The predicted impact of reducing the nicotine content in cigarettes on alcohol use. Nicotine and Tobacco Research 16(8):1033-44.

Sweitzer, M.M.\*, Geier, C.F., Joel, D.L., McGurrin, P., Denlinger, R., Forbes, E., & **Donny, E.C.** (2013). Dissociated effects of anticipating smoking versus monetary reward in the caudate as a function of abstinence. Biological Psychiatry 76(9):681-8.

Smith, T.T.\*, Levin, M.E., Schassburger, R.L., Buffalari, D.M., Sved, A.F., **Donny, E.C.** (2013). Gradual and immediate nicotine reduction result in similar low-dose nicotine self-administration. Nicotine and Tobacco Research 15:1918-25.

Hatsukami, D.K., Heishman, S., Isaksson-Vogel, R., Denlinger, R.L., Batker-Roper, A., Mackowick, K.M., Jensen, J., Murphy, S.E., Thomas, B.E., **Donny, E.C**. (2013). Dose response effects of research cigarettes: SPECTRUM. Nicotine and Tobacco Research 15(6):1113-21.

Hatsukami, D.K., Benowitz, N., **Donny, E.C**., Henningfield, J., Zeller, M. (2013). Nicotine Reduction: Strategic Research Plan. Nicotine and Tobacco Research 15(6):1003-13.

Joel, D.L.\*, Denlinger, R.L., Dermody, S., Hatsukami, D.K., Benowitz, N.L., **Donny, E.C**. (2012). Very low nicotine content cigarette and the potential consequences on cardiovascular disease. Current Cardiovascular Risk Reports 6:534-541.

**Donny, E.C.**, Taylor, T.G., LeSage, M.G., Levin, M., Buffalari, D.M., Joel, D., Sved, A.F. (2012). The impact of tobacco regulation on animal research: new perspectives and opportunities. Nicotine and Tobacco Research 14:1319-38.

Dierker, L., Swendsen, J., Rose, J., He, J., Merikangas, K. (2012). **Tobacco Etiology Research Network (TERN)** #. Transitions to regular smoking and nicotine dependence in the Adolescent National Comorbidity Survey (NCS-A). Ann Behav Med 43(3):394-401. #member of TERN.

Weaver, M.T.\*, Geier, C.F., Levin, M.E., Caggiula, A.R., Sved, A.F., **Donny, E.C**. (2012). Adolescent exposure to nicotine results in reinforcement enhancement but does not affect adult responding in rats. Drug and Alcohol Dependence 125(3):307-12.

Sweitzer, M.M.\*, Denlinger, R.L., **Donny, E.C**. (2012). Abstinence in a novel incentive-based model of relapse is predicted by individual differences in dependence and withdrawal-induced craving. Nicotine and Tobacco Research 15(1), 36-43.

Sweitzer, M.M.\*, **Donny, E.C.**, Hariri, A.R. (2012). Imaging genetics and the neurobiological basis of individual differences in vulnerability to addiction. Drug and Alcohol Dependence 123 Suppl 1:S59-71.

Weaver, M.\*, Coddington, S., Sweitzer, M, Sheppard, J., Verdecchia, N. Caggiula, A.R., Sved, A.F., **Donny, E.C**. (2012). Precipitated withdrawal from nicotine reduces reinforcing effects of a visual stimulus for rats. Psychopharmacology 14(7):824-32.

Levin, M.E.\*, Weaver, M.T., Palmatier, M.I., Caggiula, A.R., Sved, A.F., **Donny, E.C.** (2012). Varenicline dose-dependently enhances responding for non-pharmacological reinforcers and attenuates the reinforcement-enhancing effects of nicotine. Psychopharmacology 14:299-305.

**Donny, E.C.,** Caggiula, A.R., Weaver, M.T., Levin, M.E., Sved, A.F. (2011). The reinforcement-enhancing effects of nicotine: implications for the relationship between smoking, eating and weight. Physiology and Behavior 104(1):143-8.

**Donny, E.C**., Caggiula, A.R., Sweitzer, M., Chaudhri, N., Gharib, M., Sved, A.F. (2011). The cardiovascular effects of self-administered and yoked nicotine in rats. Pharmacology, Biochemistry and Behavior 99(3):459-67.

Tan X, Dierker L, Rose J, Li R; #**Tobacco Etiology Research Network**. (2011). How spacing of data collection may impact estimates of substance use trajectories. Subst Use Misuse 46(6):758-68. #member of TERN.

Dierker, L., Rose, J., **Donny, E.C.,** Tiffany, S. (2011). Alcohol use as a signal for sensitivity to nicotine dependence among recent onset smokers. Addictive Behaviors 36: 421-426.

Rose, J.S., Dierker, L.C., **Donny, E.C.** (2010). Nicotine dependence symptoms among recent onset adolescent smokers. Drug and Alcohol Dependence 106: 126-32.

Walsh, S.L., **Donny, E.C.,** Nuzzo, P.A., Umbricht, A.E., Bigelow, G.E. (2010). Cocaine abuse versus cocaine dependence: individual differences in cocaine self-administration and pharmacodynamic response in the human laboratory. Drug and Alcohol Dependence 106: 28-37.

Palmatier, M.I., Levin, M.E., Mays, K.L., **Donny, E.C.,** Caggiula, A.R., Sved, A.F. (2009). Bupropion and nicotine enhance responding for nondrug reinforcers via dissociable pharmacological mechanisms in rats. Psychopharmacology 207:381-90.

**Donny, E.C**., Jones, M. (2009). Prolonged exposure to denicotinized cigarettes with or without transdermal nicotine. Drug and Alcohol Dependence 104: 23-33.

Beets, M.W., Flay, B.R., Vuchinich, S., Li, K., Acocke, A., Snyderb, F.J., #**Tobacco Etiology Research**

**Network (TERN)**. (2009). Longitudinal patterns of binge drinking among first year college students with a history of tobacco use. Drug and Alcohol Dependence 103: 1-8. #member of TERN.

Magid V, Colder CR, Stroud LR, Nichter M, Nichter M; #**Tobacco Etiology Research Network (TERN)**

(2009). Negative affect, stress, and smoking in college students: unique associations independent of alcohol and marijuana use. Addictive Behaviors 34:973-5. #member of TERN.

Lloyd-Richardson, E.E., Bailey, S., Fava, J.L., Wing, R. #**Tobacco Etiology Research Network (TERN)**

(2009). A prospective study of weight gain during the college freshman and sophomore years. Prev Med.48(3):256-61. PMCID 2696183. #member of TERN.

Palmatier, M.I. Coddington, S.B., Xiu, L., **Donny, E.C.**, Caggiula, A.R., Sved, A.F. (2008). The motivation to obtain nicotine-conditioned reinforcers depends on nicotine dose. Neuropharmacology 55(8):1425-30.

Sweitzer, M.M.\*, **Donny, E.C.**, Dierker, L.C., Flory, J.D., Manuck, S.B. (2008). Delay discounting and smoking: Association with the Fagerstrom Test for Nicotine Dependence but not cigarettes smoked per day. Nicotine and Tobacco Research 10(10):1571-5.

Liu, X., Palmatier, M.I., Caggiula, A.R., Sved, A.F., **Donny, E.C.**, Gharib, M., Booth, S. (2009). Naltrexone attenuation of conditioned but not primary reinforcement of nicotine in rats. Psychopharmacology 202: 589-98.

Primack, B.A., Sidani, J., Agarwal, A.A., Shadel, W.G., **Donny, E.C.**, Eissenberg, T.E. (2008). Prevalence of and Associations with Waterpipe Tobacco Smoking among U.S. University Students. Annals of Behavioral Medicine 36(1):81-6.

Colder, C.R., Flay, B.R., Segawa, E., Hedeker, D., & **Tobacco Etiology Research Network (TERN)**# (2008). Trajectories of smoking among freshmen college students with prior smoking history and risk for future smoking: data from the University Project Tobacco Etiology Research Network (UpTERN) study. Addiction 103(9):1534-43. #*member of TERN*

Palmatier, M.I., Liu, X., **Donny, E.C.**, Caggiula, A.R., Sved, A.F. (2008). Metabotropic glutamate 5 receptor (mGluR5) antagonists decrease nicotine seeking, but do not affect the reinforcement enhancing effects of nicotine. Neuropsychopharmacology 33(9):2139-47.

Dierker, L., **Donny, E.C.** (2008). The role of psychiatric disorders in the relationship between cigarette smoking and DSM-IV nicotine dependence among young adults. Nicotine and Tobacco Research 10: 439-446.

**Donny, E.C.**, Griffin, K.M., Shiffman, S., Sayette, M.A. (2008). The relationship between cigarette use nicotine dependence, and craving in laboratory volunteers. Nicotine and Tobacco Research 10:934-42.

Dierker L, Stolar M, Lloyd-Richardson E, Tiffany S, Flay B, Collins L, Nichter M, Nichter M, Bailey S, Clayton R; #**Tobacco Etiology Research Network**. (2008). Tobacco, alcohol, and marijuana use among first-year U.S. college students: a time series analysis. Substance Use and Misuse 43(5):680-99.#member of TERN.

Liu, X., Caggiula, A.R., Palmatier, M., **Donny, E.C.,** Sved, A. (2008). Cue-induced reinstatement of nicotine-seeking behavior in rats: effect of bupropion, persistence over repeated tests and its dependence on training dose. Psychopharmacology 196(3): 365-75.

Acosta, M.C., Eissenberg, T., Nichter, M., Nichter, M., Balster, R.L. & **The Tobacco Etiology Research Network (TERN)** (2008). Characterizing early cigarette use episodes in novice smokers. Addictive Behavior 33(1): 106-121.#*member of TERN*

Tiffany, S.T., Agnew, C., Maylath, N., Dierker, L., Flaherty, B. Richardson, E., Balster, R., Segress, M.H., Clayton, R., & **Tobacco Etiology Research Network (TERN)**# (2007). Smoking in college freshmen: The University Project of the Tobacco Etiology Research Network (UpTERN). Nicotine and Tobacco Research Suppl 4:S611-25. #*member of TERN*

Palmatier M.I., Liu X., Matteson G.L., **Donny E.C.**, Caggiula A.R., Sved A.F. (2007). Conditioned reinforcement in rats established with self-administered nicotine and enhanced by noncontingent nicotine. Psychopharmacology 195:235-43.

**Donny, E.C.**, Dierker, L.C. (2007). The absence of DSM-IV nicotine dependence in moderate-to-heavy daily smokers. Drug and Alcohol Dependence 89: 93-6.

Liu, X., Palmatier, M.I., Caggiula, A.R., **Donny, E.C.**, Sved, A.F. (2007). Reinforcement-enhancing effect of nicotine and its attenuation by nicotinic antagonists in rats. Psychopharmacology 194(4):463-73.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Booth, S., Gharib, M., Craven, L., Palmatier, M.I., Liu, X., Sved, A.F. (2007). Self-administered and noncontingent nicotine enhance reinforced operant responding in rats: impact of nicotine dose and reinforcement schedule. Psychopharmacology 190(3):353-62.

**Donny, E.C.**, Houtsmuller, E., Stitzer, M.L. (2007). Smoking in the absence of nicotine: behavioral, subjective and physiological effects over eleven days. Addiction 102(2):324-34.

Sledjeski, E., Dierker, L., Costello, D., Shiffman, S., **Donny, E.C.**, Flay, B.R., The Tobacco Etiology Research Network (TERN) (2007). Predictive validity of nicotine dependence measures. Drug and Alcohol Dependence 87(1):10-90.

Nichter, M., Nichter, M., Carkoglu, A. & **Tobacco Etiology Research Network (TERN)**#**.** (2007). Reconsidering stress and smoking: a qualitative study among college students. Tobacco Control 16(3): 211-214. #*member of TERN*

Palmatier, M.I., Liu, X., Caggiula, A.R., **Donny, E.C.**, Booth, S., Gharib, M., Craven, L., Sved, A.F. (2007). The role of nicotinic acetylcholine receptors in the primary reinforcing and reinforcement enhancing effects of nicotine. Neuropsychopharmacology 32, 1098-1108.

Dierker, L., **Donny, E.C.**, Tiffany, S., Perrine, N., Colby, S., Clayton, R. and the Tobacco Etiology Research Network (TERN). (2007). The association between smoking and DSM-IV nicotine dependence. Drug and Alcohol Dependence 86: 106-114.

Palmatier, M.I., Matteson, G.L., Black, J.J., Liu, X., Caggiula, A.R., Craven, L., **Donny E. C.**, Sved, A.F. (2007). The reinforcement enhancing effects of nicotine depend on the incentive value of non-drug reinforcers and increase with repeated drug injections. Drug and Alcohol Dependence, 89, 52-59.

Matta, S.G., Balfour, D.J., Benowitz, N.L., Boyd, R.T., Buccafusco, J.J., Caggiula, A.R., Craig, C.R., Collins, A.C., Corrigall, W.A., Damaj, M.I., **Donny, E.C.**, Gardiner, P.S., Grady, S.R., Heberlein, U., Leonard, S.S., Levin, E.D., Lukas, R.J., Markou, A., Marks, M.J., McCallum, S.E., Parameswaran, N., Perkins, K.A., Picciotto, M.R., Quik, M., Rose, J.E., Rothenfluh, A., Schafer, W.R., Stolerman, I.P., Tyndale, R.F., Wehner, J.M., Zirger, J.M. (2007). Guidelines on nicotine dose selection for in vivo research. Psychopharmacology 190(3):269-319.

**Donny, E.C.**, Colby, S.M., Tidey, J.W. (2007). Recent progress in nicotine and tobacco research. Nicotine and Tobacco Research Suppl 2:91-350.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Booth, S., Gharib, M., Craven, L., Palmatier, M.I., Liu, X., Sved, A.F. (2006). Operant responding for conditioned and unconditioned reinforcers in rats is differentially enhanced by the primary reinforcing and reinforcement-enhancing effects of nicotine. Psychopharmacology 189(1):27-36.

Ridenour, T.A., Lanza, S.T., **Donny, E.C.,** Clark, D.B. (2006). Different lengths of times for progressions in adolescent substance involvement. Addictive Behaviors 31: 962-983.

**Donny, E.C.**, Bigelow, G.E., Walsh, S.L. (2006). Comparing the physiological and subjective effects of self-administered versus yoked cocaine in humans. Psychopharmacology 186: 544-552.

Juliano, L.M., **Donny, E.C.**, Houtsmuller, E.J., Stitzer, S.L. (2006). Experimental evidence for a causal relationship between smoking lapse and relapse. Journal of Abnormal Psychology 115: 166-173.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Palmatier, M.I., Liu, X., Sved, A.F. (2006). Complex interactions between nicotine and nonpharmacological stimuli reveal multiple roles for nicotine in reinforcement. Psychopharmacology 184: 353-366.

Colder, C.R., Lloyd-Richardson, E., Flaherty, B.P., Hedeker, D., Segawa, E., Flay, B.R., #**Tobacco Etiology Research Network** (2006). The natural history of college smoking: trajectories of daily smoking during the freshman year. Addictive Behaviors 31: 2212-2222. #*member of TERN*

Dierker, L., Lloyd-Richardson, E., Stolar, M., Flay, B., Tiffany, S., Collins, L., Bailey, S., Nichter, M., Nichter, M., Clayton, R., #**Tobacco Etiology Research Network** (2006). The proximal association between smoking and alcohol use among first year college students. Drug and Alcohol Dependence 81: 1-9.#*member of TERN*

Palmatier, M.I., Caggiula, A.R., Liu, X., Chaudhri, N., **Donny, E.C.**, Booth, S., Gharib, M., Craven, L., Sved, A.F. (2006). Dissociating the primary reinforcing and reinforcement enhancing effects of nicotine in self-administration with concurrently available drug and environmental reinforcers. Psychopharmacology 184: 391-400.

**Donny, E.C.**, Brassner, S., Bigelow, G.E., Stitzer, M.L., Walsh, S.L. (2005). Methadone doses of 100 mg or greater are more effective than low doses at suppressing heroin self-administration in opioid-dependent volunteers. Addiction 100(10):1496-509.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Booth, S., Gharib, M.A., Craven, L.A., Allen, S.S., Sved, A.F., Perkins, K.A. (2005). Sex differences in the contribution of nicotine and nonpharmacological stimuli to nicotine self-administration in rats. Psychopharmacology 180(2):258-66.

Lanza, S.L.^, **Donny, E.C.**^, Collins, L.M., Balster, R.L. (2004). Analyzing the acquisition of drug self-administration using growth curve models.. Drug and Alcohol Dependence 75: 11-21. (^authors contributed equally to this work)

**Donny, E.C.**^**,** Lanza, S.L.^, Balster, R.L., Collins, L.M., Caggiula, A.R., Rowell, P. (2004). Using growth models to relate acquisition of nicotine self-administration to break point and nicotinic receptor binding. Drug and Alcohol Dependence 75: 23-35. (^authors contributed equally to this work)

**Donny, E.C.**, Bigelow, G.E., Walsh, S.L. (2004). Assessing the initiation of cocaine self-administration in humans during abstinence: effects of dose, alternative reinforcement, and priming. Psychopharmacology 172: 316-323.

**Donny, E.C.,** Chaudhri, N., Caggiula, A.R., Evans-Martin, F.F., Booth, S., Gharib, M.A., Clements, L.A., Sved, A.F. (2003). Operant responding for a visual reinforcer in rats is enhanced by noncontingent nicotine: implications for nicotine self-administration and reinforcement. Psychopharmacology 169: 68-76.

**Donny, E.C.**, Walsh, S.L., Bigelow, G.E. (2003). Choosing to take cocaine in the human laboratory: The effects of cocaine dose, inter-choice-interval, and the magnitude of alternative reinforcement. Drug and Alcohol Dependence 69(3): 289-301.

Caggiula, A.R., **Donny, E.C.**, Chaudhri, Perkins, K.A., Evans-Martin, F.F., Sved, A.F (2002). Importance of non-pharmacological factors in nicotine self-administration. Physiology and Behavior 77: 683-687.

Caggiula, A.R., **Donny, E.C.**, White, A.R., Chaudhri, N., Booth, S., Gharib, M.A., Hoffman, A., Perkins, K.A., Sved, A.F. (2002). Environmental stimuli promote the acquisition of nicotine self-administration in rats. Psychopharmacology 163: 230-237.

**Donny, E.C.**, Walsh, S.L., Bigelow, G.E., Eissenberg, T., Stitzer, M.L. (2002). High-dose methadone produces superior opioid blockade and comparable withdrawal suppression to lower doses in opioid-dependent humans heroin. Psychopharmacology 161: 202-212.

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**Letters to the Editor, Commentaries**

Hatsukami, D.K., Zaatari, G. **Donny, E.** (in press). The Case for the WHO Advisory Note on Global Nicotine Reduction Strategy. Tobacco Control.

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#### National and International Conference Presentations

**Keynote and other special addresses**

**Donny, E.C.**, (2016). Should the FDA Reduce the Nicotine Content of Cigarettes? The Science and Potential Public Health Impact. Science Board Invited Speaker at the annual meeting of the Association for Behavior Analysis International, Chicago, May, 2016.

**Donny, E.C.**, (2016). Reductions in the nicotine content of cigarettes as a means to improving public health. 7th annual New Zealand Addiction Symposium. Victoria University, Wellington, New Zealand, April 2016.

**Donny, E.C**. (2015). Finding from CENIC. Keynote presentation at the Tobacco Centers for Regulatory Science, Bethesda, MD, October, 2015.

**Donny, E.C.** (2015). Regulating the nicotine content of cigarettes as a means to reducing harm. Fellows address for Division 28, Toronto, August, 2015.

**Symposia**

Tidey, J., Benowitz, N., Cassidy, R., Denlinger, R., Dermody, S., Drobes, D., Hatsukami, D., Koopmeiners, J., Pacek, L., Vandrey, R., **Donny, E**. Effects of reduced-nicotine content cigarettes on daily smoking rates, dependence, and depression symptoms in depressed vs. non-depressed smokers. Symposium at the Society for Research on Nicotine and Tobacco Annual Conference, Chicago, IL, February, 2016.

**Donny, E.C.** (2015). Reducing the addictiveness of combusted products: implications for patterns of tobacco product use. Food, Drug and Law Institute conference on FDA regulation of tobacco products, Washington, DC, October, 2015.

**Donny, E.C.,** Smith, T.T, Benowitz, N., Hatsukami, D.K. (2015). Emerging science related to the reduction of nicotine in cigarettes. Symposium at the Society for Research on Nicotine and Tobacco Annual Conference, Philadelphia, PA, February, 2015.

**Donny, E.C**., Denlinger, R.L., Lane, T., Dermody, S., Hatsukami, D., Koopmeiners, J., Hecht, S., Jensen, J., Murphy, S., al’Absi, M., Benowitz, N., Cinciripini, P.M., Robinson, J.D., Drobes, D., McClernon, J., Stitzer, M., Vandrey, R., Strasser, A., Tidey, J., Tindle, H. (2015). A multi-site, double-blind, randomized trial of cigarettes with reduced nicotine content. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Philadelphia, PA, February, 2015.

Benowitz, N.L., Nardone, N., Hatuskami, D.K., **Donny, E.C.** (2015). Biomarkers of nicotine and toxicant exposure and of compliance in clinical trials of reduced nicotine content (rnc) cigarettes. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Philadelphia, PA, February, 2015.

Smith, T.T.\*, Cwalina, S.N., Rupprecht, L.E., Schassburger, R.L., Buffalari, D.M., Sved, A.F., **Donny, E.C**. (2015). Low-dose nicotine self-administration is affected by cost of nicotine and inhibition of monoamine oxidase. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Philadelphia, PA, February, 2015.

Rupprecht, L.E.\*, Smith, T.T., Schassburger, R.L., Buffalari, D.M., **Donny, E.C.**, Sved, A.F. (2015). Low doses of self-administered nicotine suppress body weight gain independent of food intake: implications for nicotine reduction policy. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Philadelphia, PA, February, 2015.

Sweitzer, M.M.\*, Geier, C.F., Denlinger, R., Forbes, E., **Donny, E.C**. (2015). Abstinence-induced changes in striatal response to reward and functional connectivity predict lapse during a quit attempt. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Philadelphia, PA, February, 2015.

Smith, T.T.\*, Schassburger, R. L., Rupprecht, L. E., Buffalari, D. M., Sved, A. F., & **Donny, E. C**. (2014). Effects of Tranylcypromine, an irreversible monoamine oxidase (MAO) inhibitor, on nicotine self-administration behavior in rats. Symposium presentation at the Association for Behavior Analysis International Annual Conference, Chicago, IL, May, 2014.

Sved, A.F., Smith, T.T., Schassburger, R.L., & **Donny, E.C**. (2014). The impact of non-nicotine chemical constituents of cigarette smoke on nicotine self-administration in rats. Symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Seattle, WA, February, 2014.

Benowitz, N. Sved, A.F., Clarke, P. (chair), Desai1, R.I. (chair), **Donny, E.C.** (discussant).Role of Minor Tobacco Alkaloids in Tobacco Addiction. Symposium presentation at the Society for Research on Nicotine and Tobacco, Seattle, 2014.

**Donny, E.C.**, The regulatory science of nicotine reduction: New perspectives, data and opportunities for animal research (chair). Symposium presentation at the Society for Research on Nicotine and Tobacco, Boston, 2013.

Taylor, T. G.\*, Levin, M. E., Schassburger, R. L., Buffalari, D. M., Sved, A. F., **Donny, E. C**. Effects of rate of reduction and history of high dose self-administration in rats self-administering low dose nicotine. A symposium presentation at the Society for Research on Nicotine and Tobacco Annual Conference, Boston, MA, March 2013. \*denotes first author was mentee.

**Donny, E.C.** The role of associative and non-associative processes in nicotine self-administration and smoking. In P. Vezina (chair), The Critical Role of Cues and Contexts in Reward: Relevance for Addiction. Symposium presented at the annual meeting of the Society for Neuroscience, San Diego, 2010

**Donny, E.C.** Moving beyond the primary reinforcing effects of nicotine: effects of nicotine on non-drug reinforcers. In J. Katz (chair), Psychomotor stimulants: History and conditioned stimulus effects as determinants of the reinforcing effects of drugs. Symposium presented at the annual meeting of the International Study Group Investigating Drugs as Reinforcers, Phoenix, 2010

**Donny, E.C. (chair)**, Caggiula, A.R., Cragg, S.J., Dani, J.A., Olausson, P. Revisiting the role of nicotine in smoking reinforcement. Symposium presentation at the Society for Research on Nicotine and Tobacco, Prague, 2005.

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Juliano, L.M., **Donny, E.C.**, & Stitzer, M.L. Prospective examination of the lapse-relapse association in smoking cessation. In M.L. Stitzer (chair), Smoking relapse: Predictors, mechanisms and treatment. Symposium presented at the American Psychological Association, Honolulu, 2004.

**Donny, E.C**., Lanza, S.L., Balster, R.L., Collins, L.M., Caggiula, A.R. Applying growth curve modeling to the acquisition of nicotine self-administration in rats. In R.R. Clayton (chair), Trajectories of tobacco acquisition and the emergence of dependence: transdisciplinary science in action. Symposium presented at the Society for Behavioral Medicine, Salt Lake City, 2003.

Juliano, L.M., **Donny, E.C**., Stitzer, M.L. Subjective and physiological reactions to smoking a nicotine or de-nicotinized cigarette after a brief period of abstinence. In J.E. Rose (chair), Denicotinized or nicotine-free cigarettes as research and treatment tools. Symposium presentation at the Society for Research on Nicotine and Tobacco, New Orleans, 2003.

**Donny, E.C**., Caggiula, A.R. Sex differences in the behavioral and reinforcing effects of nicotine in rats. In S. Allen (chair), The effects of hormones on nicotine dependence. Symposium presented at the Society for Research on Nicotine and Tobacco, Seattle, 2001.

**Donny, E.C.**, Caggiula, A.R. Role of gender and ovarian hormones in nicotine self-administration in rats. In K.A. Perkins (chair), Sex differences in nicotine reinforcement and effects. Symposium at the Society for Research on Nicotine and Tobacco, San Diego CA, 1999.

**Paper presentations**

Sved, A.F., Weeks, J., Schassburger, R., Shupe, E., Rupprecht, L., Smith, T., **Donny, E**. Nicotine self-administration and associated cues in adolescent rats. Society for Research on Nicotine and Tobacco’s Annual Conference, Chicago, IL, February 2016.

Tidey, J.W., Benowitz, N.L., Cassidy, R.N., Denlinger, R.L., Dermody, S.S., Drobes, D.J., Hatsukami, D.K., Koopmeiners, J.S., Pacek, L.R., Vandrey, R., **Donny, E.C**. Moderators of the effects of 6-week use of reduced-nicotine cigarettes on daily smoking rate and nicotine intake. Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Rupprecht, L.E., Smith, T.T., **Donny, E.C.**, Sved, A.F. (2015). Nicotine differentially impacts body weight gain and reinforcement in obese-prone and –resistant rats. Society for the Study of Ingestive Behavior (Annual Meeting). Denver, CO.

Rupprecht, L.E., Smith, T.T., Schassburger, R.L., Buffalari, D.M., **Donny, E.C**., Sved, A.F. (2014). Body weight gain is suppressed by low doses of nicotine independent of food intake. Society for the Study of Ingestive Behavior (Annual Meeting). Seattle, Washington.

Schaff, M.B.\*, Smith, T.T., Buffalari, D.M., Sved, A.F., **Donny, E.C**. (2013). Tranylcypromine enhances propensity to acquire self-administration of a low dose of nicotine. Paper presentation at the College on Problems of Drug Dependence Annual Conference, San Diego, CA, June, 2013. \*denotes first author was mentee.

Joel, D.L.\*, Hatsukami, D.K., Hertsgaard, L., Dermody, S.S., & Donny, E.C. (2013). Gender differences in risk

perceptions of very low nicotine content cigarettes. Paper presentation at the College on Problems of Drug Dependence Conference, San Diego, CA. \*denotes first author was mentee.

Weaver, M.T.\*, Marfo, N., Levin, M.E., Mroz, L, Caggiula, A.R., Sved, A.F., **Donny, E.C.** Nicotine enhances the expression of a conditioned place preference. Paper presentation at the Society for Research on Nicotine and Tobacco, Portland, 2012. \*denotes first author was mentee.

**Donny, E.C.**, Jones, M. The combined use of denicotinized cigarettes and transdermal nicotine in outpatient, non-treatment seeking smokers. Paper presentation at the Society for Research on Nicotine and Tobacco, Portland, 2008.

**Donny, E.C.**, Houtsmuller, E., Stitzer, M.L. Repeated exposure to smoking without nicotine. Paper presentation at the Society for Research on Nicotine and Tobacco, Prague, 2005.

Dallery, J., **Donny, E.C.**, Stitzer, M.L. Effects of acute abstinence on impulsive choice in smokers. Paper presentation at the College on Problems of Drug Dependence, Bal Harbor, 2003.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Gharib, M.A., Booth, S., Clements, L.A., Perkins, K.A., Sved, A.F. Dissociating the primary reinforcing and reward-enhancing effects of nicotine: analysis of sex, dose and drug contingency on operant responding in rats. Paper presentation at the College on Problems of Drug Dependence, Bal Harbor, 2003.

**Donny, E.C.,** Using growth curve modeling to describe and analyze the acquisition of drug self-administration in laboratory animals. Paper presentation at the International Study Group Investigating Drugs as Reinforcers, Bal Harbour, 2003.

## **Donny, E.C.,** Assessing the initiation and cessation of cocaine self-administration in non-treatment seeking, cocaine-dependent volunteers. Paper presentation at the College on Problems of Drug Dependence, Quebec City, 2002.

## **Donny, E.C.**, The role of environmental stimuli and response-contingency in the acquisition of nicotine self-administration in rats. Paper presentation at the International Study Group Investigating Drugs as Reinforcers, Scottsdale, 2001.

## **Donny, E.C.**, Caggiula, A.R., Maldovan, V., Booth, S., Gharib, M., Mielke, M.M., Hoffman, A., McCallum, S., Perkins, K.A., Robinson, R. (2000) Nicotine self-administration in male and female rats under fixed and progressive ratio schedules of reinforcement. Paper presentation at the College on Problems of Drug Dependence, Acapulco, 1999.

**Donny, E.C.**, Caggiula, A.R., Shupenko, C.D., Mielke, M.M., Booth, S., Hoffman, A.S., Imerito, C.A., Rose, C., McCallum, S.E. Effect of dose, extinction, and drug-paired cues on nicotine self-administration under a progressive ratio. Paper presentation at the College on Problems of Drug Dependence, Scottsdale, 1998.

**Posters**

Tidey, J.W., Denlinger, R.L., Hatsukami, D.K., **Donny, E.C**. (2016). Environmental Smoke Exposure among Daily Smokers with Low vs. High Educational Attainment. A poster presented at College on Problems of Drug Dependence Conference, Palm Springs, CA.

Strasser, A., Tidey, J., McClernon, F., Benowitz, N., Hatsukami, D., **Donny, E.** Characterizing smoking topography in response to smoking reduced nicotine content research cigarettes. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Chicago, IL, February 2016.

Cunningham, C., Vandrey, R., Pacek, L., McClernon, F.J., Drobes, D., Denlinger, R., Koopmeiners, J., **Donny, E**. The impact of cigarette nicotine content on neurocognitive outcomes: results of a 6-week, randomized trial. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Chicago, IL, February 2016.

Strasser, A.A., Tidey, J., McClernon, F.J., Benowitz, N.L., Hatsukami, D.K., **Donny, E.C**. (2015). Characterizing smoking topography in response to smoking novel reduced nicotine content research cigarettes. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Denlinger, R.L., Smith, T.T., Koopmeiners, J.S., Benowitz, N.L., Murphy, S.E., Hatsukami, D.K., Cwalina, S.N., Pacek, LR., Colino, C.M., **Donny, E.C**. (2015). Population estimates for exposure biomarkers in smokers of only very low nicotine content cigarettes. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Nardone, N., **Donny, E.C**., Hatsukami, D.K., Koopmeiners, J.S., Strasser, A.A., Tidey, J., Vandrey, R., Benowitz, N.L. (2015). Estimations and Predictors of Compliance in Switchers to Reduced Nicotine Content Cigarettes. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Smith, T.T., Cassidy, R.N., Tidey, J.W., Luo, X. Le, C.T., Hatsukami, D.K., **Donny, E.C**. (2015). Impact of smoking reduced nicotine content cigarettes on sensitivity to cigarette price: Results from a multi-site clinical trial. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Dermody, S.S., Denlinger, R.L., Pacek, L.R., al’Absi, M., Drobes, D.J., Tidey, J.W., Vandrey, R., Hatsukami, D.K., **Donny, E.C**. (2015). The Impact of Smoking Very Low Nicotine Content Cigarettes on Alcohol Use. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Rupprecht, L.E., Smith, T.T., Hatsukami, D.K., **Donny, E.C**., Sved, A.F. (2015). Body weight matters: implications for nicotine reduction policy from studies in rats and humans. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Sved, A.F., Smith, T.T., Rupprecht, L.E., Schassburger, R.L., Pitzer, E.M., **Donny, E.C.** (2015). Factors that moderate the acquisition of nicotine self-administration in rats: implications for nicotine reduction policy. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Cinciripini, P.M., Robinson, J.D., Kypriotakis, G., Green, C.E., Hatsukami, D.K., **Donny, E.C**. (2015). Cigarette Nicotine Content as a Moderator of the Relationship between Negative Affect and Smoking. A poster presentation at the Annual Meeting of the Tobacco Centers of Regulatory Science, Bethesda, MD, October 2015.

Cassidy, R.N., Tidey,J.W., Hatsukami, D., & **Donny, E.C**. (2015). Young Adult Smokers’ Perceptions of Reduced Nicotine Cigarettes: Evidence from a Randomized Controlled Trial. Poster Presentation, American Psychological Association International Conference, Toronto, Canada, August, 2015.

Smith, T.T.\*, Rupprecht, L.E., Schassburger, R.L., Sved, A.F., **Donny, E.C.** (2015). Behavioral economics approach to nicotine reduction: sensitivity to increases in the cost of nicotine predicts sensitivity to decreases in the dose of nicotine. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Philadelphia, PA, February 2015.

Denlinger, R.L.\*, Benowitz, N.L., Murphy, S.E., Hatsukami, D.K., Smith, T.T., Cwalina, S.N., Bennett, L., Goldstein, E.C., Scott, C.L., Pacek, L.R., Colino, C.M., **Donny, E.C**. (2015). Assessing biomarkers of compliance to spectrum cigarettes using a hotel-based study protocol. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Philadelphia, PA, February 2015.

Dermody, S.\*, Vandrey, R., Tidey, J., Denlinger, R., Koopmeiners, J., Hatsukami, D., **Donny, E.** (2015). The Impact of Smoking Very Low Nicotine Content Cigarettes on Alcohol Use. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Philadelphia, PA, February 2015.

Schassburger, R.L., Pitzer, E.M., Smith, T.T., Rupprecht, L.E., Thiels, E., **Donny, E.C**., Sved, A.F., (2015). Absence of a sex difference in adolescent and adult rat nicotine self-administration. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Philadelphia, PA, February 2015.

Perkins, K.A., Kunkle, N., Michael, V.C., Karelitz, J.L., Donny, E.C. (2015). Acute subjective effects of cigarettes differing in nicotine content based on success of discrimination behavior. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Philadelphia, PA, February 2015.

Nardone, N., Benowitz, N.L., Hatsukami, D.K., **Donny, E.C**. (2015). Biochemical estimation of non-compliance with smoking of very low nicotine content cigarettes. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Philadelphia, PA, February 2015.

Smith, T.T.\*, Schassburger, R. L., Sved, A. F., & **Donny, E. C**. (2014). A behavioral economics

approach to the study of non-nicotine cigarette constituents: Implications for a nicotine reduction policy. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Seattle, WA, February 2014.

Smith, T.T.\*, Schassburger, R. L., Buffalari, D. M., Sved, A. F., & **Donny, E. C**. (2014).

Monoamine Oxidase (MAO) inhibition increases sensitivity to both the primary reinforcing and reinforcement enhancing effects of nicotine. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Seattle, WA, February, 2014.

Dermody, S.S.\*, **Donny, E**., & Hatsukami, D. (February, 2014). Processes promoting smoking cessation after smoking very low nicotine content cigarettes. Society for Research on Nicotine and Tobacco, Seattle, WA.

Joel, D.L.\*, Denlinger, R.L., Dermody, S.S., Goldstein, E., Strasser, A., & **Donny, E.C**. (February, 2014). The effect of a very low nicotine content expectancy on cigarette risk perception and subjective effects. Society for Research on Nicotine and Tobacco, Seattle, WA.

Schassburger, R.L.\*, Smith, T.T., Thiels, E. **Donny, E.C.,** & Sved, A.F. (2014). Adolescent

acquisition of low dose nicotine self-administration in rats. A poster presentation at the Society for Research on Nicotine and Tobacco’s Annual Conference, Seattle, WA. February, 2014.

Kirschmann, E.K., **Donny, E.C**., Sved, A., Thiels, E.. Unpredictable Chronic Mild Stress in Adolescent Rats causes Hyperactivity, Decreased Anxiety, and Risk-seeking Tendencies. Poster presented at the Society for Neuroscience Annual Conference, San Diego, CA, Nov, 2013.

Schassburger, R.L.\*, Rupprecht. L.E., Smith. T.G., **Donny, E.C**., Sved, A.F. (2013). Nicotine enhances the rewarding properties of sucrose. Poster presented at the Society for Neuroscience Annual Conference, San Diego, CA, Nov, 2013.

Smith, T.T.\*, Schassburger, R. L., Sved, A. F., & **Donny, E. C**. (2013). Behavioral economics of nicotine self-administration: Are increasing cost and decreasing dose equivalent manipulations?Southeastern Association for Behavior Analysis annual regional conference, Myrtle Beach, SC.

Dermody, S.S.\*, Joel, D.L., **Donny, E.C**., Hertsgaard, L., & Hatsukami, D. (2013). Gender differences in withdrawal when using very low nicotine content cigarettes. A poster presented at College on Problems of Drug Dependence Conference, San Diego, CA. \*denotes first author was mentee.

Smith, T.T, Dermody, S.S., Parrish, J.N., Schaff, M.B., Weaver, M.T., Levin, M.E., Thiels, E., Buffalari, D.M., Sved, A. F., **Donny, E. C**. (Accepted.) Locomotor response to a novel environment: Identifying a useful measure of individual differences. An accepted poster presentation at the College on Problems of Drug Dependence Annual Conference, San Diego, CA, June, 2013.

Dermody, S.S.\*, **Donny, E**., Hertsgaard, L., & Hatsukami, D. (March, 2013). Gender differences in the use of very low nicotine content cigarettes. Presented at Society for Research on Nicotine and Tobacco, Boston, MA. \*denotes first author was mentee.

Denlinger, R.L.,\* Hatsukami, D.K., Tidey, J.W., Vandrey, R.G., Stitzer, M.L., Yahner, K.A., Jensen, J.A., Hertsgaard, L.A., Reid, N.R., Xavier, E., Bathgate, A., Donny, E.C. (2013). Feasibility and Compliance Related to Extended Evaluation of Novel Tobacco Products: A Pilot Study Using Carlton Cigarettes. Poster presented at the Society for Research on Nicotine and Tobacco, Boston, MA

Sweitzer, M.M.\*, Geier, C.F., Joel, D., McGurrin, P., Denlinger, R., **Donny, E.C.** Dissociated effects of anticipation of smoking versus monetary reward in the striatum as a function of abstinence. Poster presented at the Society for Neuroscience, New Orleans, 2012. \*denotes first author was mentee.

Zimmerman, E.K., Porch, N., Parrish, J.E., **Donny, E.C.,** Sved, A., Thiels, E. Effects of Unpredictable Chronic

Mild Stress in Adolescent Rats on Emotional Behavior and Hippocampal CREB. Poster presented at the Society for Neuroscience, New Orleans, 2012.

Denlinger, R.L., Hatsukami, D.K., Heishman, S.J., Jensen, J.A., Vogel, R.I., Roper-Batker, A.N., Mackowick,

K.M., **Donny, E.C**. Palatability of new experimental cigarettes varying in nicotine content. Poster presented at the Society for Research on Nicotine and Tobacco, Houston, TX, 2012.

Marfo, N.A.\*, Levin, M.E., Weaver, M.T., Caggiula, A.R., Sved, A.F., **Donny, E.C**. Reinforcement-enhancing

effects of subcutaneous nicotine alone and in combination with tranylcypromine. Poster presented at the Society for Research on Nicotine and Tobacco, Houston, TX, 2012. \*denotes first author was mentee.

McGurrin, P.M.\*, Weaver, M.T., Taylor, T.G., Sved, A.F., Levin, M.E., Thiels, E., Buffalari, D.M., **Donny, E.C**.

Does locomotor activity in a novel environment predict nicotine self-administration in rats? Poster presented at the Society for Research on Nicotine and Tobacco, Houston, TX, 2012. \*denotes first author was mentee.

Schaff, M.B.\*, Levin, M.E., Weaver, M.T., Buffalari, D.M., Thiels, E., Caggiula, A.R., Sved, A.F., **Donny, E.C**.

Response to novelty as a predictor or the reinforcement-enhancing effect of nicotine. Poster presented at the Society for Research on Nicotine and Tobacco, Houston, TX, 2012. \*denotes first author was mentee.

Levin, M.E.\*, Weaver, M.T., Palmatier, M.I., Caggiula, A.R., Sved, A.F., **Donny, E.C**. Varenicline enhances

responding for non-pharmacological reinforcers but does not demonstrate primary reinforcing properties. Poster presented at the Society for Neuroscience, Washington DC, 2011. \*denotes first author was mentee.

Weaver, M.T.\*, McGurrin, P.M., Levin, M.E., Caggiula, A.R., Sved, A.F., **Donny, E.C**. Do individual

differences in behavioral traits predict nicotine self-administration? Poster presented at the Society for Neuroscience, Washington DC, 2011. \*denotes first author was mentee.

Weaver, M.T.\*, Levin, M.E., Healey, K.L., Caggiula, A.R., Sved, A.F., **Donny, E.C**. Use of log-survivor

functions to interpret adolescent nose-poke behavior. Poster presented at the Society for Quantitative Analyses of Behavior, Denver, CO, 2011. \*denotes first author was mentee.

Geier, C.F.\*, Sweitzer, M., Denlinger, R., Sparacino, G., & **Donny, E.C.** Activation differences evoked during a

rewarded antisaccade task in abstinent adult smokers and non-smokers. Poster presented at the Society for Neuroscience, Washington, DC, 2011. \*denotes first author was mentee.

Geier, C.F.\*, Sweitzer, M., Denlinger, R., Sparacino, G., & **Donny, E.C**. The effects of reward contingency on

response inhibition in adult abstinent smokers and non-smokers. Poster presented at the Society for Research on Nicotine and Tobacco, Toronto, Canada, 2011. \*denotes first author was mentee.

Weaver, M.T\*., Healey, K., Levin, M., Caggiula, A., **Donny, E**., Sved, A. Reinforcement-enhancing effects of

nicotine on responding for an unconditioned visual reinforcer in adolescent rats. Poster presented at the College on the Problems of Drugs and Dependency’s 72nd Annual Meeting, Scottsdale, AZ, 2010. \*denotes first author was mentee.

Levin, M.\*, Weaver M.T., Palmatier M., Caggiula A., **Donny E**., Sved, A. Varenicline demonstrates partial

agonist characteristics by enhancing responding for non-pharmacological reinforcers and attenuating the reinforcement-enhancing effects of nicotine. Poster presented at the College on the Problems of Drugs and Dependency’s 72nd Annual Meeting, Scottsdale, AZ, 2010. \*denotes first author was mentee.

Weaver, M.T\*., Levin, M.E., Healey, K., Caggiula, A., Sved, A., **Donny, E**. Use of log-survivor functions to

interpret adolescent nose-poke behavior. Poster presented at the Society for the Quatitative Analysis of Behavior’s 34th Annual Conference, Denver, CO, 2011. \*denotes first author was mentee.

Levin, M.E.\*, Weaver, M.T., Palmatier, M.I., Caggiula, A.R., Sved, A.F., **Donny, E.C**. Varenicline dose-

dependently enhances responding for non-pharmacological reinforcers and attenuates the reinforcement-enhancing effects of nicotine. Poster presented at the Society for Research on Nicotine and Tobacco, Baltimore, MD, 2010. \*denotes first author was mentee.

Sweitzer, M.M.\*, Conklin, C.A., Dierker, L.C., **Donny, E.C**. Cue-induced and abstinence-induced craving is

associated with nicotine dependence among women but not men. Poster presented at the Society for Research on Nicotine and Tobacco, Baltimore, MD, 2010. \*denotes first author was mentee.

Coddington, S.B.\*, Kraus, E.L., Palmatier, M.I., Caggiula, A.R., Sved, A.F., **Donny, E.C**. Effects of bupropion

on the primary reinforcement and reinforcement enhancing effects of nicotine. Poster presented at the Society for Research on Nicotine and Tobacco, Baltimore, MD, 2010. \*denotes first author was mentee.

Sweitzer, M.M.\*, Hariri, A.R., **Donny, E.C.** Smoking abstinence induced changes in mesolimbic response to

reward and its relationship with nicotine dependence. Poster presented at the Society for Neuroscience, Chicago, 2009. \*denotes first author was mentee.

Coddington, S.B.\*, Verdecchia, N.M., Sheppard, J., Caggiula, A.R., Sved, A.F., **Donny, E.C.** Continuous exposure to nicotine enhances responding for concurrent reinforcers, but also leads to tolerance and abstinence-related anhedonia. Poster presented at the Society for Neuroscience, Chicago, 2009. \*denotes first author was mentee.

Sweitzer, M.M.\*, Mercincavage, M., Conklin, C.A., Dierker, L.C., **Donny, E.C**. Convergent validity of multiple measures of nicotine dependence controlling for smoking history. Poster presented at the Society for Research on Nicotine and Tobacco, Dublin, Ireland, 2009. \*denotes first author was mentee.

Sweitzer, M.M.\*, **Donny, E.C**. Individual differences in delay discounting and nicotine self-administration in rats. Poster presented at the College on Problems of Drug Dependence, San Juan, 2008. \*denotes first author was mentee.

Sweitzer, M.M.\*, **Donny, E.C**., Dierker, L.C., Flory, J.D., Manuck, S.B. Delay discounting and smoking: association with nicotine dependence but not cigarettes smoked per day. Poster presented at the Society for Research on Nicotine and Tobacco, Portland, 2008. \*denotes first author was mentee.

Coddington, S.B.\*, Palmitier, M.I., Liu, X., **Donny, E.C**., Caggiula, A.R., Sved, A.F. Magnitude of conditioned reinforcement during nicotine self-administration is dependent on dose. Poster presented at the Society for Research on Nicotine and Tobacco, Portland, 2008. \*denotes first author was mentee.

Liu, X., Caggiula, A.R., Palmatier, M.I., **Donny, E.C**., Sved, A.F. Yohimbine increased nicotine self-administration in rats with initially lower, but not higher, nicotine intake. Poster presented at the Society for Research on Nicotine and Tobacco, Portland, 2008

Palmatier, M.I., **Donny, E.C.**, Liu, X., Caggiula, A.R., Sved, A.F. Nicotine-conditioned reinforcement: Effects of unit nicotine dose and testing schedule on acquisition of a new response. Poster presented at the Society for Neuroscience, San Diego, 2007.

Liu, X., Palmatier, M.I., Caggiula, A.R., **Donny, E.C.,** Sved, A.F. Differential effects of bupropion on nicotine self-administration and cue-induced reinstatement of nicotine-seeking behavior in rats. Poster presented at the Society for Neuroscience, San Diego, 2007.

Nuzzo, P.A., **Donny, E.C**., Bigelow, G.E., Walsh, S.L. Assessing cocaine reinforcement via the Multiple-Choice Procedure (MCP): A comparison between MCP, self-administration behavior, and subjective responses. Poster presented at the College on Problems of Drug Dependence, Quebec City, 2007.

Palmatier, M.I., Liu, X., Caggiula, A.R., **Donny, E.C.**, Sved, A.F. Conditioned reinforcement is established with nicotine and subsequently enhanced by non-contingent nicotine infusions. Poster presented at the Nebraska Symposium on Motivation, Lincoln, 2007

Levin, M.E., Mays, K.L., Bak, K.M., Palmatier, M.I., Liu, X., Caggiula, A.R., **Donny, E.C.**, Craven, L., Sved. A.F. Bupropion and nicotine increase responding for reinforcing non-drug stimuli: effects of repeated exposure. Poster presented at the Nebraska Symposium on Motivation, Lincoln, 2007.

Sweitzer, M.M.\*, **Donny, E.C.** Behavioral markers of the transition to dependence in rats given limited and extended access to nicotine. Poster presented at the Society for Research on Nicotine and Tobacco, Austin, 2007. \*denotes first author was mentee.

Griffin, K., **Donny, E.C.**, Shiffman, S., Sayette, M. Examining the disconnect between level of nicotine dependence and smoking rate in a sample of daily smokers. Poster presented at the Society for Research on Nicotine and Tobacco, Austin, 2007.

Mays, K.L., Levin, M.E., Bak, K.M., Palmatier, M.I., Liu, X., Caggiula, A.R., **Donny, E.C.**, Sved, A.F. Nicotine and bupropion have similar effects on responding for reinforcing non-drug stimuli. Poster presented at the Society for Research on Nicotine and Tobacco, Austin, 2007.

Palmatier, M.I., Matteson, G.L., Liu, X., Caggiula, A.R., **Donny, E.C.**, Sved. A.F. Conditioned reinforcement is established with self-administered nicotine. Poster presented at the Society for Research on Nicotine and Tobacco, Austin, 2007

Liu, X., Caggiula, A.R., Palmatier, M.I., Booth, S., Gharib, M., Craven, L., **Donny, E.C.**, Sved, A.F. Reinforcement enhancing effect of nicotine and its attenuation by nicotinic and dopaminergic antagonists. Poster presented at the Society for Research on Nicotine and Tobacco, Orlando, 2006.

Palmatier, M.I., Liu, X., Caggiula, A.R., **Donny, E.C.**, Sved, A.F. A pharmacological dissociation of the primary reinforcing and reinforcment enhancing effects of nicotine. Poster presented at the Society for Research on Nicotine and Tobacco, Orlando, 2006

Matteson, G.L., Palmatier, M.I., Liu, X., Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Sved, A.F. The reinforcement enhancing effect of nicotine depends on the incentive value of the nonpharmacological reinforcer. Poster presented at the Society for Research on Nicotine and Tobacco, Orlando, 2006.

**Donny, E.C.**, Dierker, L., Costello, D. The onset of smoking, daily smoking and nicotine dependence across the lifespan. Poster presented at the Society for Research on Nicotine and Tobacco, Orlando, 2006.

Dierker, L., **Donny, E.C.**, Costello, D. Do psychiatric and substance use disorders moderate the associationbetween cigarette exposure and nicotine dependence? Poster presented at the Society for Research on Nicotine and Tobacco, Orlando, 2006.

Palmatier, M.I., Evans-Martin, F.F., Hoffman, A., Caggiula, A.R., Chaudhri, N., **Donny, E.C.**, Liu, X., Sved, A.F. Nicotine enhances responding for a visual reinforcer in a novel self-administration paradigm. Poster presented at the Society for Nicotine and Tobacco Research, Orlando, 2006.

Caggiula, A.R., Palmatier, M.I., Liu, X., **Donny, E.C.**, Sved, A. F. Pharmacological properties of the primary reinforcing and reinforcement enhancing effects of nicotine. Poster presented at the College on Problems of Drug Dependence, Scottsdale, 2006.

Walsh, S.L., **Donny, E.C**., Nuzzo, P.A., Umbricht, A., Bigelow, G.E. Dependent vs. non-dependent cocaine users: Cocaine Pharmacodynamics, Self Administration & Trait Characteristics. Poster presented at the College on Problems of Drug Dependence, Scottsdale, 2006.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Palmatier, M.I., Liu, X., Sved, A.F. Dissociable behavioral effects of nicotine in reinforcement. Poster presented at the Society for Neuroscience Conference, Washington D.C., 2005.

Caggiula, A.R., Chaudhri, N., **Donny, E.C.**, Palmatier, M.I., Liu, X., Sved, A.F. Nicotine enhances responding for non-pharmacological stimuli: impact of dose and reinforcement schedule. Poster presented at the Society for Neuroscience Conference, Washington D.C., 2005.

Palmatier, M.I., Evans-Martin, F.F., Hoffman, A., Caggiula, A.R., Chaudhri, N., **Donny, E.C.**, Liu, X., Sved, A.F. Self-administered nicotine enhances responding for a concurrently available visual reinforcer. Poster presented at the Society for Neuroscience Conference, Washington D.C., 2005.

Liu, X., Caggiula, A.R., Palmatier, M.I., **Donny, E.C.**, Chaudhri, N., Sved, A.F. Reinforcement-enhancing effect of nicotine depends on the reinforcement valence of non-drug stimuli. Poster presented at the Society for Neuroscience Conference, Washington D.C., 2005.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Palmatier, M.I., Liu, X., Sved, A.F. A dual role for nicotine in reinforcement. Poster presented at the Experimental Biology Society, San Diego, 2005.

**Donny, E.C.**, Brasser, S.M., Stitzer, M.L., Bigelow, G.E., Walsh, S.L.. Relatively high doses of methadone are necessary to suppress heroin self-administration in the human laboratory. Poster presented at the College on Problems of Drug Dependence, San Juan, 2004.

Lanza, S.T., **Donny, E.C.**, Balster, R.L. The increasing regularity of rat nicotine self-administration during acquisition. Poster presented at the College on Problems of Drug Dependence, San Juan, 2004.

Caggiula, A.R., Chaudhri, N., **Donny, E.C.,** Sved, A.F. Dual-reinforcement model of nicotine. Poster presented at the Neurochemistry Winter Conference, Solden, 2004.

Chaudhri, N., Evans-Martin, F.F., Caggiula, A.R., **Donny, E.C.**, Booth, S., Gharib, M., Clements, L. Sved, A.F. Evidence for dual actions of nicotine on reinforced behavior. Poster presented at the Society for Research on Nicotine and Tobacco, Phoenix, 2004.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Booth, S., Gharib, M., Clements, L., Allen, S., Sved, A.F. Enhancement of reinforced operant responding by nicotine and cocaine in rats: analysis of dose and drug-contingency. Poster presented at the Society for Neuroscience Conference, New Orleans, 2003.

Bigelow, G.E., **Donny, E.C.**, Walsh, S.L. Comparing the subjective and physiological effects of self-scheduled versus experimenter-scheduled cocaine in humans. Poster presented at the College on Problems of Drug Dependence, Bal Harbor, 2003.

Lanza, S.T., **Donny, E.C.**, Collins, L.M., Balster, R.L. Analyzing the acquisition of drug self-administration using growth curve models. Poster presented at the College on Problems of Drug Dependence, Bal Harbor, 2003.

**Donny, E.C.**, Lanza, S.T., Balster, R.L., Collins, L.M., Caggiula, A.R., Rowell, P. Using growth models to relate acquisition of nicotine self-administration to break point and nicotinic receptor binding. Poster presented at the College on Problems of Drug Dependence, Bal Harbor, 2003.

**Donny, E.C.**, Dallery, J., Stitzer, M.L. Impulsivity and the choice to smoke in light and heavy smokers: effects of deprivation. Poster presented at the Society for Research on Nicotine and Tobacco, New Orleans, 2003.

Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Perkins, K.A., Gharib, M., Booth, S., Clemens, L., Sved, S.F. Environmental stimuli enhance nicotine self-administration in rats: the impact of gender and dose. Poster presented at the Society for Research on Nicotine and Tobacco, 2003.

Chaudhri, N., Caggiula, A.R., **Donny, E.C**., Perkins, K.A., Gharib, M., Booth, S., Clemens, L., Sved, A.F. Environmental stimuli enhance nicotine self-administration in rats: the impact of gender and dose. Poster presented at the Society for Neuroscience Conference, Orlando, 2002.

Chaudhri, N., **Donny, E.C**., Caggiula, A.R., Booth, S., Gharib, M.A., Evans-Martin, F.F., Clements, L., Sved, A.F. A novel mechanism for nicotine reinforcement. Poster presented at the Frontiers in Addiction Research Conference, Orlando, 2002.

**Donny, E.C.**, Bigelow, G.E., Walsh, S.L. Assessing the initiation and cessation of cocaine self-administration in non-treatment seeking, cocaine-dependent volunteers. Poster presented at the Neurochemistry Winter Conference, Solden, 2002.

Caggiula, A.R., **Donny, E.C.**, White, A.R., Chaudhri, N., Gharib, M., Booth, S., Sved, A.F. Noncontingent nicotine enhances responding maintained by behavioral contingent environmental cues. Poster presented at the Society for Neuroscience Conference, San Diego, 2001.

White, R., Chaudhri, N., Caggiula, A.R., **Donny, E.C.**, Gharib, M., Booth, S., Sved, A.F. (2001) Contingently-presented environmental stimuli enhance nicotine self-administration in rats. Poster presented at the Society for Neuroscience Conference, San Diego, 2001.

**Donny, E.C.**, Stitzer, M.L.,Bigelow, G.E., Walsh, S.L. Methadone maintenance in inpatient opiate abusers suppresses withdrawal, but fails to completely block heroin's effects. Poster presented at the College on Problems of Drug Dependence, Scottsdale, 2001.

Dallery, J., **Donny, E.**, Stitzer, M. (2001). The effects of nicotine deprivation on impulsive choice in light and heavy smokers. Poster presented at the Association for Behavior Analysis Conference, New Orleans, 2001.

Caggiula, A.R., **Donny, E.C.**, Chaudhri, N., White, R., Sved, A., Perkins, K., Booth, S., Gharib, M., Hoffman, A., Clements, L. The role of environmental cues in the acquisition, extinction and reinstatement of nicotine self-administration in rats. Poster presented at the Society for Research on Nicotine and Tobacco, Seattle, 2001.

**Donny, E.C.**, Caggiula, A.R., Rowell, P.P., Gharib, M., Maldovan, V., Booth, S., Hoffman, A., Mielke, M., McCallum, S. Nicotinic receptor binding and plasma and brain nicotine levels following nicotine self-administration in male and female rats. Poster presented at the Society for Neuroscience Conference, New Orleans, 2000.

Caggiula, A.R., **Donny, E.C.**, White, A.R., Sved, A.F., Gharib, M., Maldovan, V., Booth, S., Chaudhri, N. The role of environmental cues in the acquisition, extinction, and reinstatement of nicotine self-administration in rats. Poster presented at the Society for Neuroscience Conference, New Orleans, 2000.

**Donny, E.C.**, Vernotica, E.M., Walsh, S.L., Bigelow, G.E.. Behaviorally active doses of SCH 39166 fail to alter cigarette smoking. Poster presented at the College on Problems of Drug Dependence, San Juan, 2000.

**Donny, E.C.**, Caggiula, A.R., Gharib, M., Maldovan, V., Booth, S., Sved, A.F., Mielke, M.M., Hoffman, A.S., White, A.R., Host, C.K.Jr.. Differential effects of self-administered and yoked nicotine on blood pressure and heart rate in rats using telemetry implants. Poster presented at the Society for Neuroscience Conference, Miami, 1999.

**Donny, E.C.**, Caggiula, A.R., Shupenko, C.D., Mielke, M.M., Booth, S., Hoffman, A.S, Imerito, C.A., Rose, C., McCallum, S.E. Nicotine self-administration in male and female rats on fixed and progressive ratio schedules of reinforcement. Poster presented at the Society for Neuroscience Conference, Los Angeles, 1998.

**Donny, E.C**., Caggiula, A.R., Rose, C., Jacobs, K.S., Mielke, M.M., Strong, S. Nicotine self-administration using a progressive ratio schedule of reinforcement. Poster presented at the Society for Research on Nicotine and Tobacco, Nashville, 1998.

**Donny, E.C.**, Caggiula, A.R., Mielke, M.M., Strong, S., Rose, C., Ploskina, T.M., Jacobs, K.S., Shupanko, C.D. Use of progressive ratio schedules in nicotine self-administration. Poster presented at the Society for Neuroscience Conference, New Orleans, 1997.

**Donny, E.C**., Caggiula, A.R., Knopf, S., Rose, C., McAllister, C.G., Sved, A., Perkins, K.A.. Does self-administered nicotine produce the same effects as experimenter-administered nicotine? Poster presented at the Society for Research on Nicotine and Tobacco, Washington D.C., 1996.

**Donny, E.C.**, Caggiula, A.R., Jacobs, K.S., Shaida, P., Mielke, M.M. The role of dose and feeding schedule on the acquisition of IV nicotine self-administration in rats. Poster presented at the Society for Research on Nicotine and Tobacco, Washington, D.C., 1996.

**Donny, E.C**., Caggiula, A.R., Rose, C., Knopf, S., McAllister, C.G., Sved, A.F., Perkins, K.A. Self-administered nicotine may produce different effects than yoked nicotine. Poster presented at the Society for Neuroscience Conference, 1996.

**Donny, E.C**., Caggiula, A., Knopf, S. Nicotine self-administration in rats. Poster presented at the Society for Research on Nicotine and Tobacco, 1995.

**Donny, E.C.**, Caggiula, A.R, Knopf, S. Nicotine self-administration in rats. Poster presented at the Society for Neuroscience Conference, San Diego, 1995.

**External Seminars and Invited Non-conference Lectures**

“Reductions in the nicotine content of cigarettes as a means to improving public health” Special seminar, National Institute for Health Innovation and the Centre for Addiction Research, University of Auckland, April 2016.

“Reductions in the nicotine content of cigarettes as a means to improving public health” Special seminar, Community Alcohol and Drug Services, University of Auckland, April 2016.

“Reducing smoking by regulating reductions in nicotine content” Department of Psychiatry and Behavioral Sciences, University of Kentucky, February 2016.

“Can we limit the devastation from smoking by reducing nicotine content?” Colloquium, Department of Biobehavioral Health, Pennsylvania State University, February 2016.

“Product Standards for Reducing Nicotine in Cigarettes” Joint seminar sponsored by the Methodology Center and the Pierce Prevention Research Center, Pennsylvania State University, November 2015.

“Product Standards for Reducing Nicotine in Cigarettes: The Science Related to Potential Benefits, Risks and Impact on Health” University of Pennsylvania, September 2015.

“Should the FDA Reduce the Nicotine Content of Cigarettes? The Science and Potential Public Health Impact” Vermont Center on Behavior & Health, University of Vermont, July 2015.

“Should the FDA Reduce the Nicotine Content of Cigarettes? The Science and Potential Public Health Impact” Invited Speaker, MD Anderson Cancer Center Grand Rounds, May, 2015.

“Reducing Nicotine in Cigarettes: The Science and Potential Public Health Impact” Invited Speaker, National Institute on Drug Abuse, May, 2015.

“Regulated reduction of nicotine content as a means to reduce the harm caused by smoking” Invited Speaker, Translational Research Training in Addictions for Racial/Ethnic Minorities At The City College of New York and Columbia University Medical Center, May, 2015.

“Regulating the addictiveness of cigarettes as a means to reducing harm: preliminary results from a multisite clinical trial of low nicotine cigarettes” Invited speaker, Johns Hopkins School of Medicine, Baltimore, MD, December 2014.

“Translational tobacco science: from rats to regulation” Invited speaker, Society for Research on Nicotine and Tobacco Training Network, webinar, October 2014.

“Reducing nicotine to reduce the harm caused by tobacco products” Invited speaker, Comparative Medicine in Translation Symposium, Wake Forest University, Winston-Salem, NC, November 2013.

“The role of rodents in the regulatory science of tobacco: Impact of behavioral history and smoke constituents on low dose nicotine self-administration” Invited speaker, University of Vermont, Burlington VT, September 2013.

“Standards for the elimination or reduction of additives or components that increase addiction” Invited speaker and moderator, Campaign for Tobacco Free Kids, Washington D.C., April 2013.

“Third Party Governance: A researcher’s perspective” Invited speaker and panel discussant, FDA Center for Tobacco Products, U.S. Food and Drug Administration, March 2013.

“From Rats to Regulation: The Role of Nicotine in Tobacco” Invited speaker, Center for Studies in

Behavioral Neurobiology, Concordia University, March 2012.

“Solving the Challenges to Conducting Research” Invited speaker and panel discussant, FDA Center for Tobacco Products Research Program: Expanding the Research Base for Tobacco Product Regulation, U.S. Food and Drug Administration, February 2012.

“Nicotine and Non-nicotine Reinforcers in Tobacco Dependence” Invited speaker, Addiction Research Seminar Series, Duke University, October, 2010.

“How Can the Science of Abuse Liability Inform How We Evaluate Tobacco Products: Recommendations for Research” Invited panel member and discussant, Conference on Abuse Liability and Consumer Appeal Assessments of Tobacco Products, Rockville, MD, April, 2010.

“Nicotine Use and Dependence: a Translational Perspective” Invited speaker, Laboratory of Frances Leslie, Dean of Graduate Studies, Department of Pharmacology, University of California at Irvine, April, 2010.

“Nicotine and Non-nicotine Reinforcers in Tobacco Dependence” Invited speaker, Symposium entitled “Nicotine as a Reinforcing Drug: From Science to the Shaping of Policy”, University of Michigan Substance Abuse Research Center, March, 2010.

“Nicotine and Non-nicotine Reinforcers in Tobacco Dependence: a Translational Perspective” Department of Psychology and Social Ecology, University of California at Irvine, February, 2010.

“Nicotine Reinforcement and Dependence: a Translational Perspective.” Invited speaker at the Behavioral Neuroscience Program, Department of Psychology, University of North Carolina, Chapel Hill, February, 2009.

“Translational nicotine and tobacco research.” Invited speaker at the Virginia Youth Tobacco Project, Medical College of Virginia, Richmond, Virginia, February, 2008

“Studies and models for examining cigarettes with low nicotine yields.” Invited speaker and discussant at the Science and Future Directions for Nicotine Regulation meeting, Rockville, Maryland, November, 2007 (*presentation cancelled due to illness*).

“Interaction between nicotine and non-nicotine determinants of smoking.” Invited speaker at the 13th Annual Duke Nicotine Conference. Durham, October, 2007.

“What is the role of nicotine in cigarette smoking?” Invited speaker at the Behavioral Pharmacology Research Unit, Johns Hopkins School of Medicine, March 2005.

“Chronic exposure to smoking stimuli without nicotine.” Invited speaker at the 10th Annual Duke Nicotine Research Conference. Durham, October, 2004.

“The role of environmental stimuli and response-contingency in the acquisition of nicotine self-administration in rats.” Invited speaker at the National Institute of Drug Abuse, May 2001.

“Laboratory models of drug-seeking behavior.” Invited speaker at the Department of Psychiatry, School of Medicine, Yale University, February 2001.

“Laboratory models of drug-seeking behavior.” Invited speaker at the Department of Psychology, Virginia Commonwealth University, January 2001.

“Establishing nicotine self-administration in rats: focus on sex, contingency, and environmental cues.” Invited speaker for the laboratories of Drs. Steve Goldberg and Roy Wise, National Institute on Drug Abuse, November 1999.

“Evaluating potential sex differences in the reinforcing effects of nicotine.” Invited speaker for the Behavioral Pharmacology Research Unit, Johns Hopkins School of Medicine, April 1999.

**Internal Seminars and Invited Lectures**

“Regulated reduction in the nicotine content of cigarettes: results from a multisite clinical trial” Invited speaker, University of Pittsburgh Cancer Center, June 2015.

“Tobacco Product Regulation as a New Tool for Reducing Harm: The Case for Nicotine Product Standards” Invited speaker, University of Pittsburgh Tobacco Retreat, March 2015.

“Regulating the addictiveness of cigarettes as a means to reducing harm: preliminary results from a multisite clinical trial of low nicotine cigarettes” Invited speaker, School of Nursing, University of Pittsburgh, December 2014.

“Nicotine reduction as a means to reduce the harm caused by smoking” Invited speaker, Pittsburgh Cancer Institute, October 2012.

“From Rats to Regulation: The Role of Nicotine in Tobacco” Invited speaker, Department of Psychiatry, University of Pittsburgh, May 2012.

“Nicotine Reinforcement and Tobacco Dependence: Novel Mechanisms and Future Directions” Invited speaker, Brain, Behavior and Cancer Seminar Series, Biobehavioral Medicine in Oncology Program, University of Pittsburgh Cancer Institute, February, 2011

“How Nicotine Changes Other Reinforcers.” Invited speaker, Tobacco Research Roundtable Series, Reduce Smoking and Exposure to Tobacco Center, Graduate School of Public Health, University of Pittsburgh, May, 2009.

“Nicotine Use and Dependence: A Translational Perspective.” Invited speaker at the Psychology Department Colloquium Series, University of Pittsburgh, September 2008.

“The DOs and DON’Ts of giving a job talk.” Invited speaker at the Biological and Health Psychology Brown Bag, Department of Psychology, University of Pittsburgh, April 2008.

“Nicotine and non-nicotine influences on cigarette smoking.” Invited speaker at the Clinical Psychology Brown Bag, Department of Psychology, University of Pittsburgh, April 2008.

“Biobehavioral determinants of smoking.” Invited speaker at the Department of Adolescent Medicine, University of Pittsburgh, March, 2008.

“Biobehavioral determinants of smoking.” Invited speaker at the University of Pittsburgh, School of Public Health, April, 2007.

“Nicotine self-administration in rats: an important tool for understanding nicotine addiction.” Weisberg-Colavita Award Ceremony, Department of Psychology, University of Pittsburgh, November 1996.

“Nicotine self-administration in rats.” Health Psychology Brown Bag Series, Department of Psychology, University of Pittsburgh, May 1996.

**Grant Awards**

External Funding

*Effects of Nicotine Reduction on Smoking Behavior in ADHD Smokers (R01 HD083404)*

National Institute on Child Health and Human Development (NIH)

Funding period: 07/13/2015-06/30/2020

Total costs: $1,316,616 ($900,000 direct; $416,616 indirect)

PI: Scott Kollins, Ph.D. and Francis Joseph McClernon, Ph.D.

Co-I: Eric Donny, Ph.D.

*Evaluating New Nicotine Standards for Cigarettes (U54 DA031659)*

National Institute on Drug Abuse (NIH)

Funding period: 9/15/2011-06/30/2016 (renewal application pending)

Total costs: $44,701,431

Parent grant: $12,674,145

Supplement: $32,027,286

Director (contact PI): Eric Donny, Ph.D. (Co-Director: Dorothy Hatsukami, Ph.D.)

Core A: Administrative Core

PI: Eric Donny, Ph.D. (Co-PI: Dorothy Hatsukami, Ph.D.)

Project 1: Effects of Nicotine Yield and Nicotine Replacement on Very Low Nicotine Content

Cigarettes

PI: Eric Donny, Ph.D.

Project 4: Interactions between Nicotine and Other Cigarette Smoke Components in Supporting

Self-administration - a Preclinical Assessment

Co-I: Eric Donny, Ph.D.

*Effects of Self-administered Versus Non-contingent Nicotine (R01 DA010464)*

National Institute on Drug Abuse (NIH)

Funding period: 08/01/2008-05/31/2013 (NCE until 06/31/14)

Total costs: $1,500,571 ($1,000,000 direct; $500,571 indirect)

PI: Eric Donny, Ph.D.

Co-I: Anthony Caggiula, Ph.D., Alan Sved, Ph.D.

*Polymorphisms Related to Dopamine Receptor Function and Smoking (R03 DA027441)*

National Institute on Drug Abuse (NIH)

Funding period: 10/01/2009-09/30/2011 (NCE until 09/30/12)

Total costs: $434,538 ($300,000 direct; $134,538 indirect)

PI: Eric Donny, Ph.D.

Co-I: Erika Forbes, Ph.D., Kathryn Roecklyn, Ph.D.

*Neurobiological Correlates of Reward Dysfunction in Daily Smokers Varying in Nicotine Dependence*

Pfizer, Inc.

Funding period: 10/01/2008-09/30/2010

Total costs: $149,000 ($120,000 direct; $29,000 indirect)

PI: Eric Donny, Ph.D.

Co-I: Ahmad Hariri, Ph.D.

*Are Some Regular Smokers Resistant to Nicotine Dependence? (R21 DA023459)*

National Institute on Drug Abuse (NIH)

Funding period: 08/01/2007-06/30/2009 (NCE until 06/30/2010)

Total costs: $401,986 ($275,000 direct; $126,986 indirect)

PI: Eric Donny, Ph.D.

Co-I: none

*Mechanisms of Smoking Reinforcement (R21 DA019626)*

National Institute on Drug Abuse (NIH)

Funding period: 05/05/2005-04/30/2007 (NCE until 04/30/2008)

Total costs: $400,746 ($272,063 direct; $128,683 indirect)

PI: Eric Donny, Ph.D.

Co-I: none

*Effects of Self-administered vs. Noncontingent Nicotine*

National Institute on Drug Abuse (NIH)

Funding period: 04/01/2004-03/31/2008 (NCE until 03/31/2009)

Total costs: $1,316,616 ($900,000 direct; $416,616 indirect)

PI: Anthony Caggiula, Ph.D.

Co-I: Eric Donny, Ph.D., Alan Sved, Ph.D.

*Effects of Chronic Exposure to Smoking Stimuli (R03 DA016289)*

National Institute on Drug Abuse (NIH)

Funding period: 06/05/2003-05/31/2005

Total costs: $159,157 ($100,000 direct; $59,157 indirect)

PI: Eric Donny, Ph.D. (switched to Els Houtsmuller effective 1/1/05 due to move)

Co-I: Maxine Stitzer, Ph.D., Els Houtsmuller, Ph.D.

*Factors in Drug Dependence*

National Institute on Drug Abuse (NIH)

Funding period: 12/01/2001-11/30/2006

Total costs: $2,915,226 ($1,784,353 direct; $1,130,873 indirect)

PI: Sharon Walsh, Ph.D.

Co-I: Eric Donny, Ph.D. (relinquished effective 1/1/05 due to move), George Bigelow, Ph.D.

*Experimental Analysis of Smoking Relapse*

National Cancer Institute (NIH)

Funding period: 04/01/2002-03/31/2007

Total costs: $2,043,755 ($1,250,000 direct; $793,755 indirect)

PI: Maxine Stitzer, Ph.D.

Co-I: Eric Donny, Ph.D. (relinquished effective 1/1/05 due to move)

*Tobacco Etiology Research Network Faculty Scholar*

Robert Wood Johnson Foundation

Funding period: 01/01/2002-04/31/2004

Total costs: unknown

Faculty Scholar ($14,880/year)

PI: Richard Clayton, Ph.D.

Internal Funding

*Effects of Nicotine Withdrawal on Corticolimbic and Mesolimbic Brain Function*

Department of Psychiatry, University of Pittsburgh

Funding period: 03/01/2008-08/31/2008

Total costs: 20 hours of fMRI time

PI: Ahmad Hariri, Ph.D.

Co-I: Eric Donny, Ph.D., Maggie Sweitzer

*Nicotine Self-administration and Dependence in Rats*

Central Research Development Fund

Funding period: 07/01/2007-06/30/2009

Total costs: $14,900

PI: Eric Donny

Co-I: none

*Evidence of Nicotine Dependence in Rats*

Arts and Sciences Faculty Research Grant Program

Funding period: 07/01/2007-06/30/2008

Total costs: $2,183

PI: Eric Donny, Ph.D.

Co-I: none

*Delay Discounting and Nicotine Self-administration in Rats*

Pittsburgh Mind Body Institute

Funding period: 03/01/2007-08/31/2007

Total costs: $7,500

PI: Maggie Sweitzer

Faculty mentor: Eric Donny, Ph.D.

*Impulsivity and Nicotine Dependence*

Johns Hopkins Bayview Physicians

Funding period: 01/01/2000-11/31/2002

Total costs: $4,900

PI: Jesse Dallery, Ph.D.

Co-I: Eric Donny, Ph.D.

**Consultant (Funded grants)**

“Very Low Nicotine Content Cigarettes in Intermittent Tobacco Smokers” PI: Saul Shiffman, Ph.D.

“Center for the Study of Tobacco Products” PI: Thomas Eissenberg, Ph.D.

“Nicotinic Receptor Desensitization to Reduce Drug Self-administration” PI: Edward Levin, Ph.D.

“Facilitating Smoking Cessation with Reduced Nicotine Cigarettes” PI: David Drobes, Ph.D.

**TEACHING**

**Undergraduate Courses Taught**

University of Pittsburgh

Introduction to Biopsychology

Health Psychology

Psychology as a Natural Science

Learning and Motivation Laboratory

Tobacco and Health

Towson University

Physiological Psychology

**Graduate Courses Taught**

University of Pittsburgh

Behavioral Pharmacology/The Process of Addiction

Tobacco in the 21st Century

**Guest Lectures**

Johns Hopkins School of Medicine

Introduction to Psychiatry and Behavioral Sciences: Reward and Addiction

University of Pittsburgh

Health Fundamentals: The Biology of Reward (graduate course)

Health Fundamentals: Addictive Behaviors (graduate course)

University of Pittsburgh Medical School

Psychiatry Short Course: Neurobiology of Addiction (1st year students)

University of Pittsburgh Graduate School of Public Health, Global Health Program

Tobacco (Health Career Scholars Academy)

**Teaching Assistantships and Fellowships**

University of Pittsburgh

Introduction to Statistics

General Psychology

Sensation and Perception

University of California, Davis

General Psychology

**Teaching Interests**

Undergraduate

Introduction to Psychology Biopsychology Drugs and Behavior Physiological Psychology Health Psychology Statistics

Learning and Motivation Research Methods

Graduate

Psychopharmacology Topic Seminars in Addiction Research Methods

Tobacco

**MENTORSHIP**

###### Undergraduate Students

Supervised students: Janani Prabhakar, Alyssa Green, Purvi Patel, Jessica Siegal, Sindu Ramesh, Kristin Keating, Rachel Tomko, Christina Sheerin, Ronak Gor, Lauren Reynolds, Robert Delfgaauw, Erica Stefanyszyn, Rachel Galioto, Melissa Mercincavage, Leslie Adams, Mike Schaab, Lauren Ropelewski, Jaimee Shepard, Lauren Ropelewski, Melissa Levin, Riston Benson, Kendall O’Connor, Erin Kressler, Kati Healey, Nicole Verdecchia, Stephanie Seibert, Elise Miller, Christian Kontul, Tess Bailie, Nana Marfo, Sam Musselman, Matt Schaff, Gladys Arias, Lyle Mroz, Sam Ciaravino, Lauren Wagener, Cassandra Cox, Richard Jacobson, Melinda Moran, Angela Lutheran, Carly Krystyniak, Jessica Shoupe, Hangil Seo, Marisa Wallas, Samantha Cwalina, Alexandra Kenefake, Bethany Koch, Ann Jacob, Isha Vasudeva, Michele Russo, Hannah Pecyna, Ryan Meinzer, Jessica Pelland, Alexa Furek, Nicole Silva, Corina Andriescu, Dora Danko, Jessica Pelland, Nicole Silva, Corina Andriescu, Kayla Convry, Mackenzie Meixner, Matt Onimus, Elizabeth Haderer

Honors Thesis Committees: Ronak Gor (chair, 2006), Melissa Mercincavage (chair, 2008), Melissa Levin (chair, 2009), Lauren Ropelewski (chair, 2009), Kati Healey (chair, 2010), Nana Marfo (2011)

BPhil Students: Nana Marfo (2011-2012)

###### Graduate Students

Supervised graduate students

Maggie Sweitzer, 2005-2013

Sarah Coddington, 2006-2010 (left for personal reasons)

Melissa Levin, 2009-2013 (left for personal reasons)

Tracy Taylor/Smith, 2011-2015

Danielle Joel, 2011-2013 (left for personal reasons)

Sarah Dermody, 2012-2015 (transferred from Dr. Cheong)

Dissertation Committee

Charles Geier, 2009 (Psychology)

Karin Cox, 2010-2011 (Psychology)

Jessica Porter, 2009-2012 (Neuroscience)

Maggie Sweitzer (chair), 2010-2013 (Psychology)

Erin Zimmerman, 2012-2014 (Neuroscience)

Sarah Dermody (chair), 2013-2015

Michael Dunbar, 2012-2014 (Psychology)

Master’s Thesis Committees

Kasey Griffin, 2007 (Psychology)

Maggie Sweitzer (chair), 2007 (Psychology)

Sarah Coddington (chair), 2008 (Psychology)

Melissa Levin (chair), 2010 (Psychology)

W. Mike Sayers, 2011-2012 (Psychology)

Rachel Denlinger, 2011-2015 (Public Health)

Tracy Taylor (chair), 2012 (Psychology)

Joshua Karelitz, 2015 (Psychology)

Specialty (Comprehensive) Exam Committees

Charles Geier, 2007 (Psychology)

Maggie Sweitzer, 2009 (Psychology)

Michael Dunbar, 2011 (Psychology)

Melissa Levin (chair), 2012 (Psychology)

Catharine Fairbairn, 2012 (Psychology)

Tracy Smith (chair), 2014 (Psychology)

Rachel Schassburger, 2014 (Neuroscience)

Laura Rupprecht, 2014 (Neuroscience)

John Dimoff, 2015 (Psychology)

###### Post-doctoral Fellows

Charles Geier, 2010-2011. Current position: Assistant Professor, Department of Human Development and Family

Studies, Pennsylvania State University

Matthew Weaver, 2009-2011. Current position: Assistant Professor, Department of Psychology, Mercyhurst

University

###### Mentee Fellowships

Undergraduate Students

Honor’s College Brackenridge Fellows: Nana Marfo (2012), Matthew Schaff (2012)

Goldwater Scholarship Awardee: Matthew Schaff (2012-2013)

Post-baccalaureate Students

Hot Metal Bridge (post-bac) students: Jamie Pearson (2014-pres)

Graduate Students

Art and Science Fellowship, University of Pittsburgh, Maggie Sweitzer (2006-2007)

Andrew Mellow Predoctoral Fellowship, Maggie Sweitzer (2007-2008)

Behavioral Brain (B2) Research Training Program Fellow, Maggie Sweitzer (2008-2010)

Integrative Graduate Education and Research Training Program Fellow, Maggie Sweitzer (2010-2012)

National Research Service Award (F31), NIH/NIAAA, Sarah Dermody (2013-2014)

National Research Service Award (F31), NIH/NIDA, Tracy Smith (2014-2015)

**OTHER PROFESSIONAL ACTIVITIES**

###### Grant Reviews

National Institute of Health

Behavioral Science Track Award for Rapid Transition 2004

BRLE study section (ad hoc) 2006, 2011,

2012

Cutting-Edge Basic Research Awards (CEBRA; ad hoc) 2013

Center for the Evaluation and Coordination of Training and Research,

Tobacco Regulatory Science Branch 2014

Medical Research Council, United Kingdom (ad hoc reviewer) 2013

The California Tobacco-Related Disease Research Program (study section member) 2004, 2005, 2008

Small Grants Program, Commonwealth of Virginia 2003, 2007

The Ethel F. Donaghue Women’s Health Investigator Program at Yale 2003, 2008

Nova Scotia Scientific Research Foundation (External reviewer) 2007

Canadian Tobacco Control Research Initiative 2008

###### Editorial Boards

Senior Associate Editors, Tobacco Regulatory Science 2014-pres

###### Journal Reviews

Psychopharmacology Drug and Alcohol Dependence

Neuropsychopharmacology Pharmacology Biochemistry and Behavior

Behavioural Processes Life Sciences

Nicotine and Tobacco Research Experimental and Clinical Psychopharmacology

Trends in Pharmacological Sciences Archives of General Psychiatry

Journal of Neuroscience Journal of Abnormal Psychology

Behavioral Brain Research Addiction

Psychology of Addictive Behaviors The International Journal of Neuropsychopharmacology

Biological Psychiatry Behavioural Pharmacology

Human Psychopharmacology: Clinical and Experimental

The Pharmacogenomics Journal Journal of Adolescent Health

Tobacco Induced Diseases

###### Community Outreach and National Press Coverage

Extensive media coverage of “Randomized trial of reduced-nicotine standards for cigarettes” published in the New England Journal of Medicine on September 30, 2015 (e.g., Reuters, LA Times, ABC, NBC, Associated Press)

FDA Center for Tobacco Products “Tobacco Regulatory Science in Action” 2015

“Tobacco” Presentation to the Pittsburgh Cancer Institute Council, Feb. 2014.

“Up in Smoke: Regulation of Tobacco Products and Public Policy.” Lecture/discussion forum at the First Unitarian Church of Pittsburgh, Dec. 2013.

“FDA backs low-nicotine cigarette research as it weighs new regulatory power” by Brady Dennis, Washington Post, July 30, 2013.

“Cigarettes Are Enlisted to Test Ways of Quitting” by Duff Wilson, New York Times, October 28, 2011.

###### Advisory Committees

Scientific Advisory Committee, Yale University Tobacco Center of Regulatory Science, 2014-present

Scientific Advisory Committee, University of Vermont Tobacco Center of Regulatory Science, 2014-present

###### Data Safety and Monitoring Boards

Ohio State University Center of Excellence in Regulatory Tobacco Science, 2015-present

###### Other External Boards and Review Committees

Chair, Expert Review Committee, Schroeder Institute, American Legacy Foundation, 2015

###### Memberships in Professional and Scientific Societies

Society for Research on Nicotine and Tobacco

International Study Group Investigating Drugs as Reinforcers

Society for Neuroscience

College on Problems of Drug Dependence

American Psychological Association and Division 28

Association for Behavior Analysis International

###### Outside (Non-Institutional) Service

Program Committee Society for Research on Nicotine and Tobacco (SRNT) 2003-2009

2015

Program Co-chair SRNT 2006

Program Chair SRNT 2007

Steering Committee Tobacco Centers of Regulatory Science (TCORS) 2014-present

Chair Nicotine Working Group, Tobacco Regulatory Science Program, NIH 2014-present

###### Institutional (non-Departmental) Service

Faculty advisor Behavioral Medicine Seminar Series 2004

Department of Psychiatry

Johns Hopkins School of Medicine

Reviewer NIMH undergraduate fellowship program

University of Pittsburgh Medical Center

Steering Committee Project to Reduce Smoking and Exposure to Tobacco (RESET) 2007-2010

School of Public Health

University of Pittsburgh

Advisory Committee Magnetic Resonance Research Center 2009-2010

University of Pittsburgh Medical Center

Search Committee Addiction Faculty 2010-2013

Western Psychiatric Institute and Clinic

Director Pilot project program on Nicotine Product Standards ($150,000) 2013-present

Co-Director/Advisor Behavioral Oncology Program, University of Pittsburgh Cancer Institute 2014-present

Member Tenure Council, Dietrich School of Arts and Sciences 2014-present

Member Ad hoc Tenure Committees (3), Dietrich School of Arts and Sciences 2014-present

Member Nominating Committee, Dietrich School of Arts and Sciences 2014-present

Mentor Career Institute in Neuroscience 2014-present

**Departmental Service**

Admissions Committee Chair

University of Pittsburgh, Health Psychology 2006

Colloquium Committee

University of Pittsburgh 2006, 2007

Johns Hopkins, Faculty advisor 2001-2003

Undergraduate Education Committee 2008-2009

Chair, Health Psychology Brown Bag 2008-2009

2012-2013

Mellon Fellowship Committee 2008

Executive Committee, Department of Psychology 2010-2012

2014-2015

Member, Department of Psychology Search Committee

Developmental/Biological 2010-2011

Quantitative 2011-2012

Chair, Department of Psychology Colloquium Committee 2010-2012

Tenure Committee

Erickson 2012

Gianaros 2013

Faculty advisory committee

Orehek 2013-pres

**Additional Training**

American Psychological Association Advance Training Course on Longitudinal Research

Methods, Measurement, and Models (Instructor: McCardle) 2003

Functional MRI Visiting Fellowship: A Five Day Intensive Introduction, Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Harvard University (Instructor: Robert Savoy) 2009

**Visiting Professorships**

Visiting Associate Professor, Department of Psychology and Social Behavior, University of California, Irvine, January to April, 2010. Sponsor: Elizabeth Cauffman, Ph.D.

**Honors**

University of Pittsburgh (2005-present)

Fellow, American Psychological Association 2014

National Academy of Science, Kavli Frontiers of Science Fellow 2010

Professor of the Year (minor award) by the Sororities and Fraternities 2009

Johns Hopkins (1999-2005)

SRNT New Investigator Award 2003

CPDD Travel Award 2002

NIDA International Program Award 2002

Robert Wood Johnson Faculty Scholar 2002-2006

NIDA Director’s Travel Award 2000, 2001

Post-doctoral Fellow 1999-2001

University of Pittsburgh (1993-1999)

NIDA Registration Award for CPDD 1999

Andrew Mellon Predoctoral Fellowship 1997-1998

Weisberg-Colavita Award for Excellence in Biopsychology 1996

University of California, Davis (1989-1993)

Phi Beta Kappa 1993

Honors upon graduation, UC Davis 1993

Psi Chi, UC Davis chapter treasurer 1992-1993

Psi Chi National Honors Society-member 1991-1993

Dean's Honor List, UC Davis 1990-1993

*Date modified: 6/9/2016*