January 2020

John T. Green, Ph.D.

University of Vermont
Department of Psychological Science
John Dewey Hall
2 Colchester Avenue
Burlington, Vermont 05405-0134

Phone: 802-656-4163
Fax: 802-656-8783
E-mail: john.green@uvm.edu

Education

Ph.D. in Psychology, 1998
Temple University, Philadelphia, Pennsylvania
M.A. in Psychology, 1996
Temple University, Philadelphia, Pennsylvania
B.A. in Psychology, 1990
Drexel University, Philadelphia, Pennsylvania

Positions

Professor, 2016-current
Department of Psychological Science, University of Vermont, Burlington, Vermont
Associate Professor, 2009-2016
Department of Psychology, University of Vermont, Burlington, Vermont
Assistant Professor, 2003-2009
Department of Psychology, University of Vermont, Burlington, Vermont
Postdoctoral Fellow, 1998-2003
Department of Psychology, Indiana University, Bloomington, Indiana

Grants and Awards

Internal funding-Univ of Vermont 3/01/2018-12/31/2019
College of Arts & Sciences (Seed Grant award) $5,376 (total costs)
Title: Context matters: Brain circuits that mediate the influence of context on voluntary behavior
Role: Principal Investigator

Internal funding-Univ of Vermont 12/1/2015-12/31/2017
College of Arts & Sciences (Small Grant Research award) $3,000 (total costs)
Title: Neural Mechanisms of Learning and Memory
Role: Principal Investigator

R21 NS085471 9/1/2013-8/31/2016
NIH/NINDS $275,000 (total direct costs)
Title: Plasticity of Voltage Gated Ion Channels in Mammalian Learning and Memory
Role: Co-Principal Investigator (Morielli, co-PI)

R15 MH097223 7/1/2014-5/31/2016
NIH/NIMH $41,822 (total direct costs)
Title: Assessing GABAergic Involvement in Schizophrenia-like Cognitive Deficits in Rats
Role: Co-Investigator (Stefani, PI)

R01 MH082893 5/8/2009-1/31/2015
NIH/NIMH $2,658,466 (total direct costs)
Title: A Translational Approach to Evaluating the Effects of Physical Activity on ADHD
Role: Co-Principal Investigator (Hoza, co-PI)

Internal funding-Univ of Vermont 7/1/2013-6/30/2014
Graduate College (REACH award) $26,792 (total costs)
Title: Novel Approaches Toward the Understanding of the Physical Basis of Memories
Role: Co-Principal Investigator (Morielli, co-PI)

Internal funding-Univ of Vermont 12/1/2012-6/30/2013
College of Arts & Sciences (RANSS award) $2,500 (total costs)
Title: Cerebellar Cortex , Kv1.2, and Eyeblink Conditioning
Role: Principal Investigator

Internal funding-Univ of Vermont 3/1/2012-6/30/2012
Neuroscience, Behavior and Health Initiative $5,577 (total costs)
Title: Plasticity of Voltage Gated Ion Channels in Mammalian Learning
Role: Co-Principal Investigator (Morielli, co-PI)

Internal funding-Univ of Vermont 2/2009-10/2011
McNeil Prevention & Community Psychology Fund $5,000 (total costs)
Title: Temporal Information Processing, the Cerebellum, and ADHD
Role: Principal Investigator

Internal funding-Univ of Vermont 1/2008-8/2008
McNeil Prevention & Community Psychology Fund $7,250 (total costs)
Title: Does Physical Activity Improve Attention, Learning, and Behavior in Young Children?
Role: Co-Investigator (Hoza, PI)

R03 AA015063 7/01/2004-6/30/2007
NIH/NIAAA $100,000 (total direct costs)
Title: Moderate Doses of Alcohol and the Developing Cerebellum
Role: Principal Investigator

P20 RR016435 7/01/2004-6/30/2006
NIH/NCRR $120,000 (total direct costs)
Center of Biomedical Research Excellence (COBRE) in Neuroscience
Title: Hippocampal Activity During Blocking and Unblocking
Role: Investigator (Parsons, PI)

EPS 0236976 3/2004 (equipment grant)
Vermont EPSCoR $13,320 (total direct costs)
Title: Spatial Learning Assessed with a Radial Arm Maze
Role: Co-Principal Investigator (Bucci, co-PI)

F32 AA05591 8/01/2000-7/31/2002
NIH/NIAAA $69,932 (total direct costs)
Title: The Effects of Ethanol on the Developing Cerebellum
Role: Postdoctoral Trainee

Peer-Reviewed Publications

Shipman, M. L., Johnson, G. C., Bouton, M. E., & **Green, J. T.** (2019). Chemogenetic silencing of prelimbic cortex to anterior dorsomedial striatum projection attenuates operant responding. eNeuro, 6, ENEURO.0125-19.2019. PMID: 31511245.

Shipman, M. L., Trask, S., Bouton, M. E., & **Green, J. T.** (2018). Inactivation of prelimbic and infralimbic cortex respectively affects minimally-trained and extensively-trained goal-directed actions. Neurobiology of Learning and Memory, 155, 164-172. PMID: 30053577.

Eddy, M. C., & **Green, J. T.** (2017). Running wheel exercise reduces renewal of extinguished instrumental behavior and alters medial prefrontal cortex neurons in adolescent, but not adult, rats. Behavioral Neuroscience, 131, 460-469. PMID: 29083204.

Fuchs, J. R., Darlington, S. W., **Green, J. T.**, & Morielli, A. D. (2017). Cerebellar learning modulates surface expression of a voltage-gated ion channel in cerebellar cortex. Neurobiology of Learning and Memory, 142, 252-262. PMID: 28512010.

Trask, S., Shipman, M. L., **Green, J. T.**, & Bouton, M. E. (2017). Inactivation of the prelimbic cortex attenuates context-dependent operant responding. Journal of Neuroscience, 37, 2317-2324. PMID: 28137970.

Chihabi, K., Morielli, A. D., & **Green, J. T.** (2016). Intracerebellar infusion of the protein kinase M zeta (PKMζ) inhibitor zeta-inhibitory peptide (ZIP) disrupts eyeblink classical conditioning. Behavioral Neuroscience, 130, 563-571. PMID: 26949968.

Eddy, M. C., Todd, T. P., Bouton, M. E., & **Green, J. T.** (2016). Medial prefrontal cortex involvement in the expression of extinction and ABA renewal of instrumental behavior for a food reinforcer. Neurobiology of Learning and Memory, 128, 33-39. PMID: 26723281.

Lipatova, O., Wiener, N., Andrews, K., Kirshenbaum, A. P., **Green, J. T.**, & Toufexis, D. J. (2016). 17β-estradiol replacement in ovariectomized female rats slows set 1 dorsolateral striatal-dependent learning and enhances learning of set 2 in an extradimensional set-shifting paradigm. Behavioral Neuroscience, 130, 44-49. PMID: 26795582.

Robinson, A. M., Buttolph, T., **Green, J. T.**, & Bucci, D. J. (2015). Physical exercise affects attentional orienting behavior through noradrenergic mechanisms. Behavioral Neuroscience, 129, 361-367. PMID: 26030434.

Kirshenbaum, A., **Green, J.**, Fay, M., Parks, A., Phillips, J., Stone, J., & Roy, T. (2015). Reinforcer devaluation as a consequence of acute nicotine exposure and withdrawal. Psychopharmacology, 232, 1583-1594. PMID: 25401169.

Fuchs, J. R., Robinson, G. M., Dean, A. M., Schoenberg, H. E., Williams, M. R., Morielli, A. D., & **Green, J. T.** (2014). Cerebellar secretin modulates eyeblink classical conditioning. Learning & Memory, 21, 668-675. PMID: 25403455.

Eddy, M. C., Stansfield, K. J., & **Green, J. T.** (2014). Voluntary exercise improves performance of a discrimination task through effects on the striatal dopamine system. Learning & Memory, 21, 334-337. PMID: 24934332.

Lipatova, O., Byrd, D., **Green, J. T.**, & Toufexis, D. J. (2014). Effects of continuous vs. cycling estrogen replacement on the acquisition, retention and expression of place- and response-learning in the open-field tower maze. Neurobiology of Learning and Memory, 114, 81-89. PMID: 24837787.

Eddy, M. C., Rifken, K. M., Toufexis, D. J., & **Green, J. T.** (2013). Gonadal hormones and voluntary exercise interact to improve discrimination ability in a set-shift task. Behavioral Neuroscience, 127, 744-754. PMID: 23978149.

Thanellou, A., & **Green, J. T.** (2013). Cerebellar structure and function in male Wistar-Kyoto Hyperactive rats. Behavioral Neuroscience, 127, 311-324. PMID: 23398437.

Williams, M. R., Fuchs, J. R., **Green, J. T.**, & Morielli, A. D. (2012). Cellular mechanisms and behavioral consequences of Kv1.2 regulation in the rat cerebellum. Journal of Neuroscience, 32, 9228-9237. PMID: 22764231

Zelaznik, H. N., Vaughn, A. J., **Green, J. T.**, Smith, A. L., Hoza, B., & Linnea, K. (2012). Motor timing deficits in children with Attention-Deficit/Hyperactivity Disorder. Human Movement Science, 31, 255-265. PMID: 21852012

Green, J. T., Chess, A. C., Conquest, C. J., & Yegla, B. A. (2011). Conditioned inhibition in a rodent model of Attention-Deficit/Hyperactivity Disorder. Behavioral Neuroscience, 125, 979-987. PMID: 22004263

Thanellou, A., & **Green, J. T.** (2011). Spontaneous recovery but not reinstatement of the extinguished conditioned eyeblink response in the rat. Behavioral Neuroscience, 125, 613-625. PMID: 21517145

Chess, A. C., Raymond, B. E., Gardner-Morse, I. G., Stefani, M. R., & **Green, J. T.** (2011). Set shifting in a rodent model of Attention-Deficit/Hyperactivity Disorder. Behavioral Neuroscience, 125, 372-382. PMID: 21500882

Green, J. T., Chess, A. C., Burns, M., Schachinger, K. M., & Thanellou, A. (2011). The effects of two forms of physical activity on eyeblink classical conditioning. Behavioural Brain Research, 219, 165-174. PMID: 21238502

Thanellou, A., Schachinger, K. M., & **Green, J. T.** (2009). Shortened conditioned eyeblink response latency in male but not female Wistar-Kyoto Hyperactive rats. Behavioral Neuroscience, 123, 650-664. PMID: 19485572

Chess, A. C., & **Green, J. T.** (2008). Abnormal topography and altered acquisition of conditioned eyeblink responses in a rodent model of Attention-Deficit/Hyperactivity Disorder. Behavioral Neuroscience, 122, 63-74. PMID: 18298250

Green, J. T., & Arenos, J. D. (2007). Hippocampal and cerebellar single-unit activity during delay and trace eyeblink conditioning in the rat. Neurobiology of Learning and Memory, 87, 269-284. PMID: 17046292

Green, J. T., Arenos, J. D., & Dillon, C. J. (2006). The effects of moderate neonatal ethanol exposure on eyeblink conditioning and deep cerebellar nuclei neuron numbers in the rat. Alcohol, 39, 135-150. PMID: 17127133

Woodruff-Pak, D. S., **Green, J. T.**, Levin, S. I., & Meisler, M. H. (2006). Inactivation of sodium channel Scn8A ($Na_v1.6$) in Purkinje neurons impairs learning in Morris water maze and delay but not trace eyeblink classical conditioning. Behavioral Neuroscience, 120, 229-240. PMID: 16719687

Green, J. T., & Steinmetz, J. E. (2005). Purkinje cell activity in the cerebellar anterior lobe after rabbit eyeblink conditioning. Learning and Memory, 12, 260-269. PMID: 15897252

Green, J. T. (2004). The effects of ethanol on the developing cerebellum and eyeblink classical conditioning. Cerebellum, 3, 178-187. PMID: 15543808

Green, J. T. (2003). Using eyeblink classical conditioning as a test of the functional consequences of exposure of the developing cerebellum to alcohol. Integrative Physiological and Behavioral Science, 38, 45-64. PMID: 12814196

Green, J. T., Tran, T., Steinmetz, J. E., & Goodlett, C. R. (2002). Neonatal ethanol produces cerebellar deep nuclear cell loss and correlated disruption of eyeblink conditioning in adult rats. Brain Research, 956, 302-311. PMID: 12445699

Green, J. T., Johnson, T. B., Goodlett, C. R., & Steinmetz, J. E. (2002). Eyeblink classical conditioning and interpositus nucleus activity are disrupted in adult rats exposed to ethanol as neonates. Learning and Memory, 9, 304-320. PMID: 12359839

Woodruff-Pak, D. S., **Green, J. T.**, Pak, J. T., Heifets, B., & Pak, M. H. (2002). The effect of scopolamine in older rabbits tested on the 750 ms delay eyeblink classical conditioning procedure. Integrative Physiological and Behavioral Science, 37, 103-113. PMID: 12186305

Pak, J. T., **Green, J.**, Heifets, B., Pak, M., & Woodruff-Pak, D. (2002). Nefiracetam ameliorates associative learning impairment in the scopolamine-injected older rabbit. Medical Science Monitor, 8, BR105-112.

Woodruff-Pak, D. S., **Green, J. T.**, Pak, J. T., Shiotani, T., Watabe, S., & Tanaka, M. (2002). The long-term effects of nefiracetam on learning in older rabbits. Behavioural Brain Research, 136, 299-308. PMID: 12385816

Steinmetz, J. E., Tracy, J., & **Green, J. T.** (2001). Classical eyeblink conditioning: Clinical models and applications. Integrative Physiological and Behavioral Science, 36, 220-238. PMID: 11777017

Churchill, J. D., **Green, J. T.**, Voss, S. E., Manley, E., Steinmetz, J. E., & Garraghty, P. E. (2001). Discrimination reversal conditioning of an eyeblink response is impaired by NMDA receptor blockade. Integrative Physiological and Behavioral Science, 36, 62-74. PMID: 11484997

Green, J. T., Rogers, R. F., Goodlett, C. R., & Steinmetz, J. E. (2000). Impairment in eyeblink classical conditioning in adult rats exposed to ethanol as neonates. Alcoholism: Clinical and Experimental Research, 24, 438-447. PMID: 10798579

Green, J. T., & Woodruff-Pak, D. S. (2000). Eyeblink classical conditioning: Hippocampal formation is for neutral stimulus associations as cerebellum is for association-response. Psychological Bulletin, 126, 138-158. PMID: 10668353

Steinmetz, J. E., Blankenship, M. R., **Green, J. T.**, Smith, G. B., & Finn, P. R. (2000). Evaluation of behavioral disinhibition in P/NP and HAD1/LAD1 rats. Progress in Neuro-Psychopharmacology & Biological Psychiatry, 24, 1025-1039. PMID: 11041542

Woodruff-Pak, D. S., **Green, J. T.**, Coleman-Valencia, C., & Pak, J. T. (2000). A nicotinic cholinergic agonist (GTS-21) and eyeblink classical conditioning: Acquisition, retention, and relearning in older rabbits. Experimental Aging Research, 26, 323-336. PMID: 11091939

Green, J. T., Ivry, R. B., & Woodruff-Pak, D. S. (1999). Timing in eyeblink classical conditioning and timed-interval tapping. Psychological Science, 10, 19-23.

Mostofsky, S. H., **Green, J. T.**, Meginley, M., Christensen, J. R., & Woodruff-Pak, D. S. (1999). Conditioning in identical twins with ataxia: Telangiectasia. Neurocase: Case Studies in Neuropsychology, Neuropsychiatry, and Behavioural Neurology, 5, 425-433.

Green, J. T., & Woodruff-Pak, D. S. (1997). Concurrent eyeblink classical conditioning and rotary pursuit performance: Implications for independent nondeclarative memory systems. Neuropsychology, 11, 474-487. PMID: 9345691

Green, J. T. (1997). Using numerosity to determine what is learned during automatization. Journal of Experimental Psychology: Learning, Memory, and Cognition, 23, 1046-1052. PMID: 9231441

Book Chapters

Green, J. T., & Steinmetz, J. E. (2003). Classical conditioning: Behavioral phenomena. In J. H. Byrne (Ed.), Learning and Memory (2nd ed., pp. 74-77). New York: Macmillan Reference.

Green, J. T., Ivry, R. B., & Woodruff-Pak, D. S. (2000). Dual-task and repeated measures designs: Utility in assessing timing and neural functions in eyeblink conditioning. In D. S. Woodruff-Pak & J. E. Steinmetz (Eds.), Eyeblink classical conditioning: Volume I, Applications to humans (pp. 95-117). Boston: Kluwer.

Green, J. T., & Woodruff-Pak, D. S. (2000). Eyeblink classical conditioning in aging animals. In D. S. Woodruff-Pak & J. E. Steinmetz (Eds.), Eyeblink classical conditioning: Volume II, Animal models (pp. 155-178). Boston: Kluwer.

Invited Commentary

Steinmetz, J. E., Britton, G., & **Green, J. T.** (2000). How is the feed-forward Pavlovian control system instantiated in neurobiology? Behavioral and Brain Sciences, 23, 267.

Abstracts

Thomas, C. M. P., Thrailkill, E. A., Bouton, M. E., & **Green, J. T.** (2019). Inactivation of prelimbic cortex attenuates operant responding in both physical and behavioral contexts. Society for Neuroscience Abstracts.

Moussa-Tooks, A. B., **Green, J. T.**, Mackie, K., Bartolomeo, L. A., Bradshaw, H., Leishman, E., Gimeno, A., O'Donnell, B. F., & Hetrick, W. P. (2018). Effects of early life stress on adult behavioral and neural outcomes in rats. Society for Research in Psychopathology.

Shipman, M. L., Bouton, M. E., & **Green, J. T.** (2018). Chemogenetic inhibition of prelimbic cortex projections to dorsomedial striatum attenuates operant responding. Pavlovian Society Abstracts.

Shipman, M. L., Trask, S., Bouton, M. E., & **Green, J. T.** (2017). Inactivation of the prelimbic and infralimbic cortices differentially affects minimally and extensively trained actions. Society for Neuroscience Abstracts.

Shipman, M. L., Trask, S., Bouton, M. E., & **Green, J. T.** (2017). Inactivation of the prelimbic and infralimbic cortices respectively affect expression of minimally-trained and extensively-trained goal-directed actions. Pavlovian Society Abstracts.

Shipman, M. L., Trask, S., Bouton, M. E., & **Green, J. T.** (2017). Inactivation of the prelimbic and infralimbic cortices differentially affects undertrained and overtrained actions. Dartmouth Neuroscience Day.

Shipman, M. L., Trask, S., Bouton, M. E., & **Green, J. T.** (2016). Inactivation of the prelimbic cortex attenuates responding of undertrained but not overtrained actions. Pavlovian Society Abstracts.

Trask, S., Shipman, M. L., **Green, J. T.**, & Bouton, M. E. (2016). Inactivation of the prelimbic cortex attenuates context-dependent excitatory operant responding. Eastern Psychological Association.

Eddy, M. C., & **Green, J. T.** (2015). Exercise in adolescent rats reduces renewal of extinguished instrumental behavior. Society for Neuroscience Abstracts.

Fuchs, J. R., Morielli, A. D., & **Green, J. T.** (2015). Regulation of a cerebellar voltage-gated potassium channel and cerebellum-dependent learning and memory. Society for Neuroscience Abstracts.

Shipman, M. L., Madasu, S. C., Morielli, A. D., & **Green, J. T.** (2015). Cerebellar mGluR1 modulates cerebellar-dependent learning. Society for Neuroscience Abstracts.

Chihabi, K., **Green, J. T.**, & Morielli, A. D. (2015). PKM-ζ is involved in cerebellar-dependent learning and memory. Society for Neuroscience Abstracts.

Cilento, E. M., Ballif, B., Fuchs, J., **Green, J.**, Williams, M., & Morielli, A. (2015). The WNK signaling pathway as a link to altered intracellular chloride and trafficking of voltage-gated ion channels following stimulation of GABA receptors in cerebellar neurons. Society for Neuroscience Abstracts.

Madasu, S. C., Shipman, M. L., **Green, J. T.**, Morielli, A. D. (2015). Kv1.2 potassium channel role in cerebellar learning and memory. Society for Neuroscience Abstracts.

Shipman, M. L., Trask, S., **Green, J. T.**, & Bouton, M. E. (2015). Inactivation of the prelimbic cortex attenuates context-dependent excitatory operant responding. Pavlovian Society Abstracts.

Eddy, M. C., Todd, T. P., Bouton, M. E., & **Green, J. T.** (2014). Exercise in adolescent rats reduces renewal of extinguished instrumental behavior. Pavlovian Society Abstracts.

Fuchs, J. R., Darlington, S. W., Morielli, A. D., & **Green, J. T.** (2014). Measuring changes in surface Kv1.2 expression in cerebellar cortex following eyeblink conditioning, unpaired stimulus or context exposure controls. Pavlovian Society Abstracts.

Robinson, A. M., **Green, J. T.**, Buttolph, T. R., & Bucci, D. J. (2014). Noradrenergic mechanisms mediate the effects of physical exercise on attentional function in a rat model of ADHD. Society for Neuroscience Abstracts.

Eddy, M., Stansfield, K., & **Green, J.** (2013). The effects of voluntary exercise or methylphenidate on developing male Wistar rats. Society for Neuroscience Abstracts.

Fuchs, J. R., Robinson, G., & **Green, J. T**. (2013). Cerebellar secretin affects acquisition and extinction of eyeblink conditioning. Society for Neuroscience Abstracts.

Fuchs, J. R., Robinson, G. R., Morielli, A. D., & **Green, J. T.** (2013). Cerebellar secretin and eyeblink conditioning. Pavlovian Society Abstracts.

Fuchs, J. R., Robinson, G. R., & **Green, J. T**. (2013). Cerebellar secretin affects acquisition and extinction of eyeblink conditioning. American Psychological Association Abstracts.

Fuchs, J., & **Green, J. T.** (2012). Secretin in the cerebellar cortex modulates acquisition and extinction of eyeblink classical conditioning. Pavlovian Society Abstracts.

Fuchs, J., Williams, M. R., Morielli, A. D., & **Green, J. T.** (2011). The role of Kv1.2 in the cerebellum in eyeblink classical conditioning. Society for Neuroscience Abstracts.

Eddy, M., Savrann, J., Rifken, K., & **Green, J.** (2011). The effects of voluntary exercise on discrimination and set-shifting in male Wistar rats. Society for Neuroscience Abstracts.

Green, J. T., & Thanellou, A. (2010). Reinstatement of the extinguished eyeblink conditioned response in the rat: Creation of an excitatory context at test. Pavlovian Society Abstracts.

Green, J.T., Burns, M., Bollinger, C.E., & Schachinger, K.M. (2009). The effects of two forms of physical activity on long-delay eyeblink classical conditioning in Wistar and spontaneously hypertensive rats. Society for Neuroscience Abstracts.

Green, J.T., Burns, M., Bollinger, C.E., & Schachinger, K.M. (2009). Physical activity and eyeblink classical conditioning in Wistar and Spontaneously Hypertensive rats. Pavlovian Society Abstracts.

Thanellou, A.G., & **Green, J.T.** (2009). Timing of rat conditioned eyeblink responses and inhibition of delay. Society for Neuroscience Abstracts.

Thanellou, A., & **Green, J. T.** (2009). Inhibition of delay in rat eyeblink conditioning. Pavlovian Society Abstracts.

Zelaznik, H.N., Vaughn, A.J., **Green, J.T.**, Smith, A.L., Hoza, B., & Linnea, K. (2009). Children with Attention Deficit Hyperactivity Disorder exhibit timing deficits in tapping. North American Society for the Psychology of Sport and Physical Activity (NASPSPA) Abstracts.

Thanellou, A. G., Schachinger, K. M., & **Green, J. T.** (2008). Abnormal timing of conditioned eyeblink responses in male but not female Wistar-Kyoto Hyperactive rats. Pavlovian Society Abstracts.

Thanellou, A. G., Chess, A. C., & **Green, J. T.** (2008). Abnormal cerebellar-dependent learning in two rodent models of attention-deficit/hyperactivity disorder. Eastern Psychological Association Abstracts.

Chess, A. C., & **Green, J. T.** (2007). Acquisition and timing of conditioned eyeblink responses are differentially affected in a rodent model of attention-deficit/hyperactivity disorder. Society for Neuroscience Abstracts.

Thanellou, A. G., & **Green, J. T.** (2007). Neuronal loss in the rat caudate-putamen after a moderate dose of ethanol during the third trimester equivalent. Society for Neuroscience Abstracts.

Green, J. T., & Arenos, J. D. (2006). Hippocampal versus cerebellar single-unit activity during delay versus trace eyeblink classical conditioning in the rat. Society for Neuroscience Abstracts.

Thanellou, A. G., & **Green, J. T.** (2006). Reinstatement of the extinguished eyeblink conditioning response in the rat. Society for Neuroscience Abstracts.

Green, J. T., & Arenos, J. D. (2006). A comparison of hippocampal CA1 and interpositus nucleus single-unit activity during delay versus trace eyeblink conditioning matched for CS-US interval in the rat. Pavlovian Society Abstracts.

Green, J. T., Arenos, J. D., & Dillon, C. J. (2005). Impaired long-delay eyeblink conditioning in rats after moderate doses of ethanol during the third trimester equivalent. Society for Neuroscience Abstracts.

Arenos, J. D., & **Green, J. T.** (2005). Neuronal loss in the rat lateral and interpositus cerebellar nuclei after moderate doses of ethanol during the third trimester equivalent. Society for Neuroscience Abstracts.

Vogel, III, R. W., **Green, J. T.**, & Steinmetz, J. E. (2003). Post-training inactivation of the cerebellar interpositus nucleus disrupts performance of the classically conditioned eye-blink response and some learning-related activity of Purkinje cells in the anterior cerebellar cortex. Pavlovian Society Abstracts.

Green, J. T., & Steinmetz, J. E. (2002). Purkinje cell activity in the cerebellar anterior lobe during eyeblink conditioning in rabbits. Society for Neuroscience Abstracts.

Rossebo, O. E., **Green, J. T.**, & Steinmetz, J. E. (2002). Neonatal exposure to ethanol causes dose-dependent deficits in eyeblink conditioning in the adult rat. Society for Neuroscience Abstracts.

Young, B. W., **Green, J. T.**, & Steinmetz, J. E. (2002). Physiological effects of neonatal alcohol-induced Purkinje cell loss in adult rats. Society for Neuroscience Abstracts.

Green, J. T., Tran, T., Goodlett, C. R., & Steinmetz, J. E. (2001). Neonatal ethanol exposure in rats causes permanent neuronal loss in the cerebellar deep nuclei. Society for Neuroscience Abstracts.

Tran, T. D., **Green, J. T.**, Steinmetz, J. E., & Goodlett, C. R. (2001). Binge ethanol exposure in neonatal rats causes permanent neuronal loss in the cerebellar deep nuclei. Alcoholism: Clinical and Experimental Research, 25, Supplement, 73A.

Green, J. T., Johnson, T. B., Goodlett, C. R., & Steinmetz, J. E. (2000). Neonatal alcohol exposure in rats disrupts adult eyeblink conditioning and cerebellar neural activity. Society for Neuroscience Abstracts.

Green, J. T., Rogers, R. F., Rorick, L. M., Goodlett, C. R., & Steinmetz, J. E. (1999). Early exposure to alcohol disrupts adult eyeblink classical conditioning in rats. Society for Neuroscience Abstracts.

Tracy, J., **Green, J. T.**, & Steinmetz, J. E. (1999). Extracellular interpositus stimulation as a conditioned stimulus during eyeblink conditioning. Society for Neuroscience Abstracts.

Green, J. T., Rogers, R. F., Rorick, L. M., Goodlett, C. R., & Steinmetz, J. E. (1999). Early exposure to alcohol disrupts adult cerebellar-dependent learning. Alcoholism: Clinical and Experimental Research, 23, Supplement, 32A.

Green, J. T., Ivry, R. B., & Woodruff-Pak, D. S. (1998). Variability in eyeblink classical conditioning and timed-interval tapping over five interstimulus intervals. Society for Neuroscience Abstracts.

Green, J. T., Smyers, A., & Woodruff-Pak, D. S. (1998). Awareness of the interstimulus interval is unrelated to learning in eyeblink conditioning. American Psychological Society, 10, 109.

Woodruff-Pak, D. S., **Green, J. T.**, Pak, J. T., Shiotani, T., Watabe, S., & Tanaka, M. (1998). Duration of amelioration of nefiracetam in older rabbits on relearning and retention. Society for Neuroscience Abstracts.

Green, J. T., Ivry, R. B., & Woodruff-Pak, D. S. (1997). Related variability in conditioned responses and timed-interval tapping indicating a common cerebellar component. Society for Neuroscience Abstracts.

Green, J. T., Pak, J. T., & Woodruff-Pak, D. S. (1997). The effect of nefiracetam on eyeblink classical conditioning in the scopolamine-injected older rabbit. American Psychological Society, 9, 34.

Mostofsky, S. H., **Green, J. T.**, Christensen, J. H., Meginley, M., & Woodruff-Pak, D. S. (1997). Conditioned eyeblink response in adolescent girls with ataxia-telangiectasia. Journal of Neuropsychiatry and Clinical Neurosciences, 9, 103.

Small, E. M., **Green, J. T.**, & Woodruff-Pak, D. S. (1997). Dual-task performance of two nondeclarative tasks: Separate brain memory systems. American Psychological Society, 9, 34.

Woodruff-Pak, D. S., **Green, J. T.**, Pak, J. T., Heifets, B., & Pak, M. H. (1997). Scopolamine-induced learning impairment in young and old rabbits: Effects of nefiracetam. Society for Neuroscience Abstracts.

Green, J. T., & Woodruff-Pak, D. S. (1996). Dual-task performance of rotary pursuit and eyeblink classical conditioning. Society for Neuroscience Abstracts.

Invited Presentations

"What is psychology?", People's Academy High School, 2018, 2019.

"The prefrontal cortex: Contributions to learning and memory, and the impact of exercise on its function", Saint Michael's College, 2015.

"Exercise effects on behavioral flexibility and prefrontal cortex in adult and adolescent rats", International Behavioral Neuroscience Society, 2015.

"Rodent models of ADHD and cerebellum-dependent learning", Department of Biology, University of Vermont, 2009.

"Symposium in honor of Joseph Steinmetz", Annual Meeting of the Pavlovian Society, 2008.

"Memory and the brain: What have we learned?", Osher Lifelong Learning Institute, Newport VT, 2006.

"The roles of the hippocampus and the cerebellum in trace eyeblink conditioning", Department of Psychological and Brain Sciences, Dartmouth College, 2006.

"The long-term effects on the cerebellum of developmental alcohol exposure", Department of Biology, University of Vermont, 2005.

"The long-lasting consequences on the cerebellum of early exposure to alcohol", Vermont Chapter of the Society for Neuroscience, 2005.

"Behavioral, neuroanatomical, and neurophysiological effects of alcohol exposure on the developing cerebellum", Department of Biology, Middlebury College, 2004.

"Alcohol and the developing cerebellum", Department of Psychology, University of Vermont, 2003.

"Purkinje cell activity in the cerebellar anterior lobe during eyeblink conditioning in rabbits", Annual Tristate Conference, 2003.

"Purkinje cell activity in the cerebellar anterior lobe during eyeblink conditioning in rabbits", Annual Meeting of the Pavlovian Society, 2002.

"Using eyeblink classical conditioning to study fetal alcohol syndrome", Annual Meeting of the Pavlovian Society, 2001.

"The effects of early exposure to ethanol on adult eyeblink conditioning and cerebellar activity", Annual Tristate Conference, 2000.

Affiliations and Professional Service

Professional Memberships

Pavlovian Society
Society for Neuroscience
Vermont Chapter of the Society for Neuroscience

Professional Service

Vermont Chapter of the Society for Neuroscience
- President, 2016-2018
- Faculty representative, 2005-2010

Journal Manuscript Reviewer

Acta Neurobiologiae Experimentalis
Alcohol
Alcoholism: Clinical and Experimental Research
Behavioral and Brain Functions
Behavioral and Cognitive Neuroscience Reviews
Behavioral Neuroscience
Behavioural Brain Research
Biological Psychiatry
Bioscience Reports
Brain and Behavior
Brain Research
Cerebellum
Cerebral Cortex
Developmental Psychobiology
Frontiers in Behavioral Neuroscience
Frontiers in Psychiatry
Frontiers in Systems Neuroscience
Human Brain Mapping
Integrative Physiological and Behavioral Science
International Journal of Environmental Research and Public Health
Journal of Comparative Psychology
Journal of Experimental Psychology: General
Journal of Neurophysiology
Journal of Neuroscience Methods
Journal of Psychopharmacology
Journal of Visualized Experiments
Learning and Memory
Neurobiology of Aging
Neurobiology of Learning and Memory
Neurotoxicology and Teratology
Neuroscience Letters
Pharmacology, Biochemistry and Behavior
Physiology and Behavior
Psychology and Neuroscience
Scientific Reports

Textbook Manuscript Reviewer

Biological Psychology (Wadsworth)
Biological Psychology (Sinauer)
Brain, Mind, and Behavior (Norton)
Psychology, 8th edition (Norton)

Grant Reviewer

Alzheimer's Association
Department of Defense Experimental Program to Stimulate Competitive Research
Joint Scientific Thematic Research Programme
National Institutes of Health
US Army Medical Research and Materiel Command
Vermont Genetics Network

Departmental, College, and University Service

Department Service

Department Chair
2016-current
Acting Department Chair
2015-2016
General/Experimental Graduate Program Director
Director, 2011-2015
Psychology Department Faculty Search Committee
Chair, 2005-2006; 2007-2008
Member, 2004-2005, 2009-2010
Psychology Department Representative for Summer Orientation Advising
Summer 2005-present
Psychology Department Web Committee
Member, 2004-2006
Psychology Department Space Committee
Member, 2003-2011

College Service

Neuroscience Undergraduate Major
Director, 2011-2012
Assistant director, 2012-2014
Co-developer, 2006-2010
Steering committee, 2014-present
Biology Department Faculty Search Committee
Member, 2019-2020
Diversity Task Force
Member, 2017-present
Honors Committee
Member, 2009-2012
Neuroscience Club
Faculty advisor, 2013-2015
Communication Sciences Department Faculty Search Committee
Member, 2004-2005

University Service

Neuroscience Graduate Program Steering Committee
Member, 2005-2010, 2015-current
President's Distinguished University Citizenship and Service Award Committee
College of Arts and Sciences representative, 2014-present
Leadership Team, Carnegie Initiative on the Doctorate in Neuroscience
Member, 2004-2005

Teaching Experience

University of Vermont

Undergraduate
Learning, Cognition, and Behavior
Motivation
Physiological Psychology
Psychology Research Methods
Selected Topics in Behavioral Neuroscience
Graduate
Biobehavioral Proseminar
Cognitive Neuroscience
Neurobiology of Learning and Memory

Indiana University
Undergraduate
Psychology of Learning

Temple University
Undergraduate
Introduction to Psychology as a Social Science