

Jennifer Green Stevenson

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Education

University of North Carolina at Chapel Hill

Doctor of Philosophy in Psychology, August 2015

Area: Behavioral Neuroscience

University of North Carolina at Chapel Hill

Master of Arts in Psychology, December 2012

Area: Behavioral Neuroscience

Pennsylvania State University, University Park, PA

Bachelor of Science in Bio-behavioral Health, May 2006

Research Experience

Duke University School of Medicine Durham, NC

2015 - Present

Principal Investigator: Francis Joe McClernon, PhD

Department of Psychiatry and Behavioral Sciences, Addiction Division

Post-Doctoral Associate

- Investigated neural and behavioral reactivity concerning the relationship between personal smoking environments and affective state.
- Assisted in grant writing.
- Collected and analyzed life science data.

University of North Carolina Chapel Hill, NC

2009 -2015

Principal Investigator: Regina M. Carelli, PhD

Co-Investigator: Linda Dykstra, PhD

Psychology Department

Graduate Research Associate

- Investigated alternative interventions to prevent drug use and relapse.
- Assisted in proposal and grant writing.
- Designed research protocols.
- Collected and analyzed life science data.
- Reviewed and published scientific papers.
- Presented research findings at scientific conferences.

National Institute on Drug Abuse Baltimore, MD

2007- 2009

Principal Investigator: Jonathan Katz, PhD

Co-Investigator: Gianluigi Tanda, PhD

Medications Discovery Research Branch: Psychobiology Section

Associate Scientist

- Investigated pharmacological interventions for addiction.
- Worked in conjunction with a team of scientists on experiments.

- Assisted in writing manuscripts and publications.
- Reviewed scientific manuscripts.
- Lead instructor for college students in their summer intramural research which focused on data analysis, addiction research, and health care policy issues.

National Institute on Drug Abuse Baltimore, MD 2006

Principal Investigator: George R. Uhl, PhD

Co-Investigator: F. Scott Hall, PhD

Molecular Neurobiology Branch

Associate Scientist

- Investigated a specific gene's (NrCam) potential roles in addiction and autism.
- Worked in conjunction with a team of scientists and students on experiments.
- Advised 25 underrepresented minority high school and college students in their research proposals, poster presentations, and their final abstracts in the various areas of research at the National Institute on Drug Abuse.

Merck Pharmaceutical Pomezia, Italy 2004

Principal Advisor: Sridhar Dharmapuri, PhD

Molecular and Cellular Biology Branch

Research Assistant

- Investigated the cloning of mouse carbonic anhydrase IX (CA IX).
- Worked in conjunction with a team of scientists and students on experiments.

Professional Experience

University of North Carolina Chapel Hill, NC 2013-Present
Office of Pre-Professional & Pre-Graduate Advising

Health and Life Sciences Advisor

- Assisted diverse population of students in the application process in general such as researching and selecting graduate programs.
- Organized programs and workshops for undergraduate students considering graduate degrees.
- Supervised and evaluated personnel for student informational sessions and programs.
- Assisted in interview and hiring process for 30 advisors.
- Created advertisements for program and events.

University of North Carolina Chapel Hill, NC 2012

Teaching Assistant

- Courses focused on up to date information on the biological bases of behavior and health care policy issues related to addiction.
- Tutored undergraduate students, graded exams, and graded essays.
- Lead instructor for undergraduate students during exam review sessions.
- Instructed sections for multiple courses.

University of North Carolina School of Medicine Chapel Hill, NC 2014
Student Health Action Coalition (SHAC)

Health Educator

- Act as a resource for information on health topics for diverse populations.
- Provided individualized educational resources and developed a plan for subjects based on interests and concerns.

University of North Carolina Chapel Hill, NC

2013- Present

Black Graduate and Professional Student Association (BGPSA)

Treasurer

- Controlled the collection and disbursement of BGPSA's funds.
- Developed the annual budget and proposal.
- Assisted in program development, implementation, and fundraising.
- Reported and retain a permanent and timely budget of all the receipts, disbursements, and account balances of BGPSA.

University of North Carolina Chapel Hill, NC

2010- Present

Mentor

- Advised undergraduate students in the sciences considering a graduate degree.
- Assisted undergraduate students in their search for internships in biomedical research.
- Clarified the differences in gaining and utilizing a Doctoral versus a Master's degree in psychology.

Publications and Presentations

Publications:

Green, J.L., Dykstra, L.A., Carelli, R.M. (2015). Examination of cocaine dose in a preclinical model of natural reward devaluation by cocaine. *Behavioral Pharmacology*, doi: 10.1097/FBP.000000000000131.

Kohut, S.J., Hiranita, T., Hong, S., Ebbs, A.L., Tronci, V., **Green, J.**, Garces-Ramirez, L., Chun, L.E., Mereu, M., Newman, A.H., Katz, J.L., Tanda, G. (2014). Preference for distinct functional conformations of the dopamine transporter alters the relationship between subjective effects of cocaine and stimulation of mesolimbic dopamine. *Biological Psychiatry*, doi: 10.1016/j.biopsych.2014.03.031.

Mereu M., Tronci, V., Chun, L., Thomas A.M., **Green, J.L.**, Katz, J.L., Tanda, G. (2013). Cocaine-induced endocannabinoid release modulates behavioral and neurochemical sensitization in mice. *Addiction Biology*, doi:10.1111/adb.12080.

Tanda G., Li S.M., Mereu M., Thomas A.M., Ebbs A.L., Chun L.E., Tronci V., **Green J.L.**, Zou M.F., Kopajtic T.A., Newman A.H., Katz J.L. (2013). Relations between stimulation of mesolimbic dopamine and place conditioning in rats produced by cocaine or drugs that are tolerant to dopamine transporter conformational change. *Psychopharmacology*, doi: 10.1007/s00213-013-3109-6.

Garcés-Ramírez, L., **Green, J. L.**, Hiranita, T., Kopajtic, T. A., Mereu, M., Thomas, A., Mesangeau, C., Narayanan, S., McCurdy, C.R., Katz, J. L., Tanda, G. (2011). Sigma receptor agonists: Receptor binding and effects on mesolimbic dopamine neurotransmission assessed by microdialysis. *Biological Psychiatry*, 69(3), 208-17.

Tanda, G., Newman, A., Ebbs, A. L., Tronci, V., **Green, J.**, Tallarida, R. J., Katz, J. L.(2009). Combinations of

Cocaine with other Dopamine Uptake Inhibitors: Assessment of Additivity. *Journal of Pharmacology and Experimental Therapeutics*, doi: 10.1124/jpet.109.154302.

Behzad, Ali R., Morimoto, K., Gosselink, J., **Green, J.**, Hogg, J. C., Hayashi, S. (2006). Induction of Mesenchymal Cell Phenotypes in Lung Epithelial Cells by Adenovirus E1A. *European Respiratory Journal*, 28, 1106-1116.

Presentations:

Voluntary wheel running reverses an established cocaine-induced negative affective state in a rodent model. Society for Neuroscience Conference (Washington, DC, November 2014), NIDA Mini-Convention (Bethesda, MD, November 2014)

A preclinical model of natural reward devaluation and the emergence of negative affective states in cocaine addiction: effects of cocaine dose. The College on Problems and Drug Dependence (San Juan, PR, June 2014)

Differential encoding of aversive cues that predict delayed cocaine availability and cocaine-self-administration following extended taste-drug pairings. Society for Neuroscience Conference (Washington, DC, November 2011)

Differential encoding of aversive cues that predict delayed cocaine availability and cocaine-self-administration following extended taste-drug pairings. Gordon Research Conference/Seminar (Lewiston, ME, August 2011)

Accumbens neurons differentially encode information about aversive cues that predict cocaine availability and cocaine-seeking during self-administration. Society for Neuroscience Conference (San Diego, CA, November 2010)

Behavioral Effects of Gene Knockout of the Cell Adhesion Molecule NrCAM. National Institute on Drug Abuse (Baltimore, MD, August 2006)

Cloning of Mouse Carbonic Anhydrase IX (CAIX). Istituto di Ricerche di Biologia Molecolare (Pomezia, Italy, August 2004)

Effect of Adenovirus E1A on the Inflammatory Response of Lung Cells to LPS. University of British Columbia iCapture/ McDonald Research Laboratory (Vancouver, B.C., Canada, August 2003)

The IL-2R Influence Glucose Metabolic Enzymes in T-cells. University of Washington, UW Health Sciences (Seattle, WA, August 2002)

Purine Dimers and Their Pathways. Temple University School of Medicine (Philadelphia, PA, August 2001)

Fellowships/Awards/Grants

Research Assistant Fellowship in Psychology 2015

Frontiers in Addiction Research NIDA 2014 Mini-Convention Travel Award 2014

National Institute on Drug Abuse Training grant, T32 (2009- Present)

Carl Storm Underrepresented Minority Fellowship 2011

NIDA Technical Intramural Research Training Award (2007- 2009)

National Institutes of Health and National Institute on Drug Abuse certificate of participating in summer student poster presentations (2006)

University of British Columbia iCapture/McDonald Research Laboratory certificate of achievement in the Student Research Day of Ceremony (2003)

University of Washington certificate of participation in the Health Sciences Minorities Student Program (2002)

Certificate from the National Institute of Health for participating in the NCRK-College Science Education Program (2001-2004)

Certificate from Temple University School of Medicine Minority Access to Research Careers Program (2001-2005)

Professional Memberships/Affiliations

Treasurer, Black Graduate and Professional Student Association at University of North Carolina at Chapel Hill, 2013- Present

Member, Black Graduate and Professional Student Association at University of North Carolina at Chapel Hill, 2009- Present

Member, Society for Neuroscience Student, 2009- Present

Member, Catecholamines Gordon Research Conference, 2011

Member, Catecholamines Gordon Research Seminar, 2011

Member, Initiative for Maximizing Student Development (IMSD), 2010-Present

Member, The Graduate and Professional Student Federation at University of North Carolina at Chapel Hill, 2009-Present

Participant, Physician Scientists Training Program (PSTP), 2001-2007