

CURRICULUM VITAE

Scott Daniel Lane

2017

PRESENT TITLE AND AFFILIATIONS

Professor & Vice Chair for Research
Department of Psychiatry and Behavioral Sciences
Co-Director, Center for Neurobehavioral Research on Addictions
University of Texas Health Science Center at Houston
BBSB 1312, 1941 East Road, Houston, TX 77030
713-486-2535 || scott.d.lane@uth.tmc.edu

Director of Research
UTHealth Harris County Psychiatric Center
2800 South MacGregor Way, Houston, TX 77021
713-741-7870 || scott.d.lane@uth.tmc.edu

Citizenship: United States

EDUCATION

- 1996 Postdoctoral (Psychopharmacology)
University of Texas Health Science Center at Houston
National Institute for Drug Abuse (NIDA) Post-Doctoral Training Grant T32-DA07247
- 1995 Ph.D., Auburn University
- 1988 BA, Whitman College

ACADEMIC APPOINTMENTS

- 2015 Director of Research
UTHealth Harris County Psychiatric Center
University of Texas Health Science Center at Houston
- 2012 Vice Chair for Research
Department of Psychiatry and Behavioral Sciences
McGovern School of Medicine, University of Texas Health Science Center at Houston

- 2010 Professor
Department of Psychiatry and Behavioral Sciences
McGovern School of Medicine, University of Texas Health Science Center at Houston
- 2005 Associate Professor
Department of Psychiatry and Behavioral Sciences
McGovern School of Medicine, University of Texas Health Science Center at Houston
- 2004 Professor (program faculty)
Program in Neuroscience
Graduate School of Biomedical Sciences
University of Texas Health Science Center at Houston
- 1999 Assistant Professor
Department of Psychiatry and Behavioral Sciences
McGovern School of Medicine, University of Texas Health Science Center at Houston
- 1997 Research Fellow
Department of Psychiatry and Behavioral Sciences
McGovern School of Medicine, University of Texas Health Science Center at Houston
National Institutes of Health, National Service Research Award (NIDA Grant F32-DA05774).

PROFESSIONAL ORGANIZATIONS

American Association for the Advancement of Science
American Psychological Association (Divisions 6, 25, 28)
College on Problems of Drug Dependence (*International organization*)
International Society for Research on Impulsivity (*International organization*)
Sigma Xi Scientific Research Society

HONORS AND AWARDS

- 2016 *McGovern Research Scholar (Inaugural)*
UTHealth McGovern Medical School
- 2014 *John P. McGovern Award for Outstanding Teaching*
Graduate School of Biomedical Sciences, UTHSC McGovern School of Medicine
- 2011 *Drug and Alcohol Dependence*, Top reviewer recognition
- 2006 *Fellow*, American Psychological Association (Division 28)

- 2001 *Young Psychopharmacologist Award*, Wyeth-Ayerst / American Psychological Association
Outstanding scientific achievement within the first five years of the professional career
- 1997 *Young Scientist Travel Award*, NIH / NIDA, College on Problems of Drug Dependence
- 1995 *Outstanding Research Paper*, ABA / Experimental Analysis of Human Behavior research competition
- 1988 *Phi Kappa Phi* Honor Society

GRANT REVIEW SERVICE

- 2017 NIH study section: ZRG1 RPHB, Interventions and Mechanisms for Addictions
- 2017 PASA: Pharmacotherapies for Alcohol and Substance Use Disorders
Consortium for Congressionally Directed Medical Research Programs
US Department of Veterans Affairs (<http://cdmrp.army.mil/>)
- 2016 NIH study section: ZRG1 RPHB, Interventions and Mechanisms for Addictions
- 2016 PASA: Pharmacotherapies for Alcohol and Substance Use Disorders
Consortium for Congressionally Directed Medical Research Programs
US Department of Veterans Affairs (<http://cdmrp.army.mil/>)
- 2015 NIH study section: RPIA, Risk, Prevention and Intervention for Addictions
- 2015 NIH study section: IPTA, Interventions to Prevent and Treat Addictions
- 2015 NIH study section: BRLE, Biobehavioral Regulation, Learning and Ethology
- 2015 KL2 grant review, UTHCS NIH-funded Center for Clinical and Translational Science
- 2013 NIH review, RFA NIDA-13-007: Identifying Health Outcomes Associated with
Changes in Use of Illicit Drugs
- 2012 KL2 grant review, UTHCS NIH-funded Center for Clinical and Translational Science
- 2009 NIH study section: RPIA, Risk, Prevention and Intervention for Addictions
- 2009 NIH study section: APDA, Adult Psychopathology and Disorders of Aging
- 2008 NIH study section: RPIA, Risk, Prevention and Intervention for Addictions
- 2008 NIH study section: APDA, Adult Psychopathology and Disorders of Aging
- 2007 NIH study section: RPIA, Risk, Prevention and Intervention for Addictions
- 2007 NIH / NIDA-K: Training and Fellowship committee
- 2007 Netherlands Organization for Health Research and Development
High Risk Behavior and Dependency section (*International*)
- 2007 US-Israel Bi-national Science Foundation Reviewer
Cognitive and Decision Sciences. (*International*)

- 2006 NIH / NIDA-K: Training and Fellowship committee
- 2005 NIH / NIMH study section: Neuroscience and Basic Behavioral Science
- 2004 NIH / NIMH study section: Neuroscience and Basic Behavioral Science

EDITORIAL SERVICE

- 2010 - Editorial Board, Behavioral Sciences
- 2008-2011 Editorial Board, The Open Neuropsychopharmacology Journal
- 2003-2005 Editorial Board, Addictive Disorders and Their Treatments
- 2002-2005 Editorial Board, Journal of the Experimental Analysis of Behavior
- 2001, 04, 06 Editorial Board, Experimental Analysis of Human Behavior Bulletin

Ad-hoc reviewer (49 journals): Addiction; Addictive Behaviors; Addiction Biology; Aggression & Violent Behavior; Aggressive Behavior; Alcoholism: Experimental and Clinical Research; American Journal on Drug and Alcohol Abuse; Behavioral Neurology; Behavioural Pharmacology; Behavioural Processes; Biological Psychiatry; Biological Psychology; Biology of Sex Differences; BMC Medicine; Cerebral Cortex; Clinical Chemistry; Cognitive Affective and Behavioral Neuroscience; Developmental Psychology; Drug and Alcohol Dependence; Experimental and Clinical Psychopharmacology; European Psychiatry; Human Brain Mapping; Frontiers in Behavioral Neuroscience; International Journal of Psychology; Journal of Abnormal Psychology; Journal of Applied Behavior Analysis; Journal of Addiction Research and Therapy; Journal of Caffeine Research; Journal of the Experimental Analysis of Behavior; Journal of Experimental Psychology: General; Journal of Experimental Neuropsychology; Journal of Neural Transmission; Journal of Neuroscience; Journal of Neuroscience Psychology & Economics; Journal of Neurotoxicology & Teratology; Journal of Psychopharmacology; Journal of Studies on Alcohol and Drugs; Nature Scientific Reports; Neuropsychopharmacology; Neuroscience Letters; Pharmacology Biochemistry and Behavior; Philosophical Transactions of the Royal Society: London; PLoS One; Psychology of Addictive Behaviors; Psychoneuroendocrinology; Psychopharmacology; Psychological Record

SERVICE: UNIV OF TEXAS HEALTH SCIENCE CENTER – HOUSTON

- 2017-19 Executive Committee: Graduate School of Biomedical Sciences
- 2017 Chair for Academic Standards Committee: Graduate School of Biomedical Sciences
- 2017 Supervising Mentor: UTHealth New Investigator Development Program (I. Bauer)
- 2015 Supervising Mentor: UTHealth New Investigator Development Program (C. Zeni)
- 2015 Panel Member, Public Forum: *The Brain on Drugs*
UTHealth Neuroscience Research Center

- 2015-17 Academic Standards Committee, Graduate School of Biomedical Sciences
- 2014 - Chair: Space Committee, Department of Psychiatry & Behavioral Sciences
- 2013 - Psychiatry Executive Committee
- 2011 - Psychiatry Faculty Tenure and Promotions Committee
- 2011-15 Coordinator for Saltzberg Summer Research Fellowship, MS1 research training program, Department of Psychiatry
- 2008-15 Committee for the Protection of Human Subjects (IRB), UTHSC-Houston
- 2001-12 Psychiatry Lecture Series & Pharmaceutical Support Committee
- 2007- Psychiatry Research, Planning and Coordination Committee
- 2005-07 Chair: Space Committee, Department of Psychiatry & Behavioral Sciences
- 2007-10 Academic Council, Department of Psychiatry & Behavioral Sciences
- 2001-06 Faculty Interviewer, Medical School Admissions Board

SERVICE: SCIENTIFIC COMMUNITY

- 2017 Advisory Panel: Alcohol and Substance Abuse Disorders Research Program (ASADRP) US Department of Defense - Congressionally Directed Medical Research Programs
- 2016-17 Faculty External Search Committee: UT MD Anderson Cancer Center Department of Behavioral Science (Paul M. Cinciripini, Chair)
- 2016-18 Gulf Coast Consortium Steering Committee: Translational Science Cluster in Addiction
- 2015-17 Data Safety and Monitoring Board: *Non-Invasive Direct Current Stimulation for Cognition in Schizophrenia*. UTHealth McGovern Medical School (R. Cho, PI)
- 2015 Scientific Consultant: Health Leader Online Magazine, “*Artificial high: Synthetic drugs are anything but safe*”
- 2015 UTHealth Addiction Expert: Fox Chanel 26 News, *Brain Awareness Week*
- 2014- Med-Pathway: *Advanced Practice for the New MCAT*. (S-Corp). Co-creator and Vice-President. Provides MCAT prep materials (print book, online tests and statistics).
- 2012 Consultant: PhenX Substance Abuse and Addiction (SAA) Working Group 2 NIH NHGRI award No. U01 HG004597. PhenX provides standardization of measures

related to complex diseases, phenotypic traits and environmental exposures

- 2011-14 Data Safety and Monitoring Board: *A Human Laboratory Assessment of The Safety and Potential Efficacy of Varenicline in Methamphetamine-Dependent Volunteers Receiving Methamphetamine*. Baylor College of Medicine (R. De La Garza II, T. Newton, PIs)
- 2003, 2004 Program Chair: American Psychological Association Annual Convention Division 28 (Psychopharmacology and Substance Abuse)

TEACHING

- 2017 Neurobiology of Disease: Opioids: Neurobiological and Clinical Perspectives
UTHSC Graduate School of Biomedical Science
- 2014-2017 Research Ethics, Principles and Practice
UTHSC Psychology Internship Lecture Series
- 2012-2017 Addiction lecture series: sedatives, hallucinogens, cannabinoids
UTHSC Medical School Behavioral Sciences Block, MS 2
- 2010-2017 Drugs and Cognition: Psychopharmacology
UTHSC Graduate School of Biomedical Sciences (Cognitive Neuroscience Unit)
- 2002-2016 Behavioral Science Interviewing (preceptor, MS 2 rotation)
UTHSC Medical School
- 2015 Neurobiology of Disease: Stress and the Brain
UTHSC Graduate School of Biomedical Sciences
- 2013 Neurobiology of Disease: Addiction, Clinical and Neurobiological Perspectives
UTHSC Graduate School of Biomedical Science
- 2009-2011 Research Methodology I, II, & III (PGY 1&2)
UTHSC Department of Psychiatry
- 2006 Neurobiology of Disease: Behavioral Neuroscience of Addiction
UTHSC Graduate School of Biomedical Science
- 2005-2006 Psychopharmacology
UTHSC Department of Psychiatry, Clinical Psychology Internship Program
- 2002-2004 Psychopharmacology Lecture Series
UTHSC Psychiatry Grand Rounds
- 2004 Behavioral Pharmacology

UTHSC Graduate School of Biomedical Science

- 2003 Psychopharmacology
University of Houston (Graduate Seminar)
- 1994-95 Quantitative Methods (Statistics), Auburn University
- 1993-94 Learning and Conditioning, Auburn University
- 1992 Developmental Psychology, Auburn University

TRAINING

- 2017 Psychiatry resident, Sabrina Correa Da Costa, M.D. (UTHSC Psychiatry)
Mentor, MIRECC Training Residents in Psychiatry Scholarship (TRIPS) Program
The Impact of Cocaine Use Disorders In Cognitive Functioning Late In Life
- 2016 Post-doctoral fellow, Gabriel Fries, Ph.D. (UTHSC Psychiatry)
Mentor, K99/K00 application: *Association between stress reactivity and DNA methylation in patients with bipolar disorder*
- 2016 Post-doctoral fellow, Yong Cui, Ph.D. (MD Anderson Department of Behavioral Sciences)
Mentor, K99/K00 application: *A dual inhibitory control training-based adjunct intervention for smoking*
- 2016 Graduate Student Andrea Dimet (UTMB Integrated Neuroscience Graduate Program)
Mentor and Advisory Committee, Dissertation Project: *Integrative biochemistry, omics, and bioinformatics to elucidate mechanisms underlying cocaine cue reactivity*
- 2016 Graduate student Jonika Tannous (UTHCS GSBS)
Mentor, GSBS student rotation, research project: *Relationships among anti-saccade errors and DTI metrics in subjects with cocaine and alcohol use disorders*
- 2015 Instructor Benson Mwangi Irungu, Ph.D. (UTHSC Psychiatry)
Mentor, KL2 application: *Individualized bio-behavioral markers of vulnerability and disease progression in bipolar disorders*
- 2015 Assistant Professor Margaret Wardle, Ph.D. (UTHSC Psychiatry)
Mentor, funded K23 award, *Targeting anhedonia in cocaine use disorder*
- 2015 Post-doctoral fellow Isabelle Bauer, Ph.D. (UTHSC Psychiatry)
Consultant, K01 application, *Cognitive, neural and physiological basis of affective biases in mood spectrum disorders*
- 2015 Psychiatry resident (research track) Ajay Parsaik, M.D. (UTHSC Psychiatry, 2015-2016)

- Mentor, MIRECC Training Residents in Psychiatry Scholarship (TRIPS) Program
Area 5 APA resident / fellow poster competition 1st place
Mental Health Congress resident / fellow poster award 1st place
- 2015 Graduate student Christopher Walker, M.S. (UTHCS GSBS, 2014 - present)
GSBS Examining committee and Dissertation committee member
- 2014 Assistant Professor Ola O. Okusaga, M.D. (UTHSC Psychiatry, 2014-2015)
Mentor, K23 application, *Peripheral inflammation and inhibitory control in psychosis*
- 2013 Assistant Professor Anka Vujanovic, Ph.D. (UTHSC Psychiatry, 2013-2015)
Mentor, funded KL2 award, *Randomized controlled trial of a novel cognitive-behavioral treatment for PTSD and cocaine dependence*
- 2013 Psychiatry resident (research track) Samet Kose, M.D., Ph.D. (UTHSC, 2013-2014)
2014 Janssen Resident Psychiatric Research Scholar
2014 APA Young Investigator Award
- 2013 Psychiatry resident (research track) Nilesh S. Tannu, M.D. (UTHSC, 2013-2014)
2014 Society for Biological Psychiatry Travel Award Winner
2013 Janssen Resident Psychiatric Research Scholar
2014-2015 UTHSC Psychiatry Chief Resident
- 2013 Medical student Genevieve Holmes (UTHSC School of Medicine), Saltzberg Research Fellow
- 2011 Medical student Courtney Olsen (UTHSC School of Medicine), Saltzberg Research Fellow
- 2011 Graduate student Nadeeka Dias, Ph.D. (UTHSC GSBS, 2011 – 2014)
Primary advisor and doctoral committee chair
2012 Frances Adoue Lynch Addiction Research Award
2013 Primm-Singleton Award – College on Problems of Drug Dependence
2013 National Eye Institute (NIH) Fellowship for Young Investigators, Gordon Research Conf
2014 Robert W. and P. Wallis Knox Charitable Foundation Scholarship Award
Post-doctoral fellow, Harvard Medical School / McLean Hospital (S.E. Lukas, 2014-15)
- 2011 Assistant Professor Kirti Saxena, M.D. (UTHSC Psychiatry, 2011-2012)
Mentor, K23 application, *Neural and Laboratory Markers of Impulsive Aggression in Bipolar Adolescents*
- 2010 Graduate student Nuvan Rathnayaka, MPH (2010-2014, UTHSC School of Public Health)
Co-Advisor for Master Thesis
Graduate Research Assistant, University of North Carolina, Biostatistics (2014-present)
- 2009 Graduate student Joseph Alcorn (UTHSC GSBS, 2009 – 2014)
Primary advisor and doctoral committee chair

- 2014 Dee S. and Patricia Osborne Endowed Scholarship
2012 Roberta M. and Jean M. Worsham Endowed Scholarship winner
2012 Primm-Singleton Award – College on Problems of Drug Dependence
Post-doctoral fellow, University of Kentucky Medical School (C.R. Rush, 2015-2016)
- 2008 Graduate student Lorena Maili (UTSHC GSBS, 2008-2011)
Masters Thesis advisory committee
2010 Roberta M. and Jean M. Worsham Endowed Scholarship winner
- 2008 Post-doctoral fellow Shijing Liu, Ph.D. (UTHSC Psychiatry 2008-2012)
MD Anderson Cancer Center Behavioral Sciences Fellowship 2012-2013
- 2007 Medical student Kelley Babcock (UTHSC School of Medicine), Saltzberg Research Fellow
- 2007 Medical student Charles Lewis (UTHSC School of Medicine), Saltzberg Research Fellow
- 2007 Post-doctoral fellow Delphine Psychoyos, Ph.D., (Texas A&M Health Science Center, 2007-2008)
Consultant for NIH/NSRA F32 award, *Teratogenic Effects of Marijuana in Developing CNS*
- 2006 Graduate student Joshua L. Gowin, Ph.D. (UTSHC GSBS, 2006 – 2011)
Primary advisor and doctoral committee chair
Post-doctoral fellow, UC San Diego (M.P. Paulus, 2012-2013)
Research Fellow, NIAAA (V. Ramchandani, 2013 – present)
- 2006 Medical student Katherine Nelson (UTHSC School of Medicine)
Saltzberg Summer Research Fellow
- 2004 Post-doctoral fellow Lori M. Lieving, Ph.D. (UTHSC Psychiatry, 2004-2006)
Co-mentor, NIH/NSRA F32 award
Currently Faculty/Director of Research Programs, Carolinas College of Health Sciences
- 2002 Mentor for graduate student Sylvain O. Nouvion, Ph.D. (UTSHC GSBS, 2002-2006)
Co-mentor, NIH/NSRA F31 application
Doctoral advisory committee, Chair for GSBS examining committee
Post-doctoral fellow, Wake Forest University, (2007-2008, D.M. Dougherty)
- 2000 Post-doctoral fellow Cynthia J. Pietras, Ph.D. (UTHSC Psychiatry, 2000-2003)
Co-mentor, NIH/NSRA F32 application
Currently Associate Professor, Western Michigan University, PI on NSF grant

COLLABORATIVE SCIENTIFIC VENTURES

- 2014-2016 University of Texas Medical Branch – Galveston (K.A. Cunningham, K.T. Dineley)
Role of PPAR-gamma and brain circuit alterations in cocaine abuse
- 2011-2016 Mount Sinai School of Medicine (N. Klein, G. Gan)
Genes, brain, and behavior in human aggression
- 2013-2015 Virginia Commonwealth University (F.G. Moeller)
Impulsivity and trauma in substance use disorders
- 2009-2013 Duke University (S.H. Kollins)
Methylphenidate, ADHD, and nicotine dependence
- 2008-2010 Baylor College of Medicine (T.R. Kosten, T. Newton)
Neural correlates of stimulant administration on impulse control in cocaine dependence
- 2004-2008 University of California – San Diego (M.P. Paulus)
Neurobiology of risky decision making and impulsivity

CURRENT GRANT SUPPORT (all \$ in direct costs)

- 2016-2018 *McGovern Research Scholar Endowment*
UTHealth McGovern School of Medicine
\$50,000 / year
- 2015-2017 *Role of the Orexin Receptor System at the Nexus of Stress, Sleep and Drug Abuse*
Principle Investigator, The McManus Charitable Trust
\$50,000 / year
- 2015- *Center for Outcome Study and Program Evaluation in Mental Health*
Principle Investigator, UT System Institutional Endowment
\$1,548,000 (\approx \$75,000 annual)

PENDING GRANT SUPPORT

- 2017 *Targeting a Novel Biological System to Address Alcohol Use and Stress-Induced Relapse*
Co-Investigator (PI, Y.H. Yoon), NIAAA R21
- 2017 *Efficacy of Pioglitazone As A Relapse Prevention Medication For Cocaine Addiction*
Principle Investigator (Co-PI, J.M. Schmitz), NIDA R01 PAR-DA 16-353

- 2017 *Research Training in Substance Dependence*
Co-Investigator (PI, T.F. Newton), NIDA R25 DA 028976 (renewal)
- 2017 *P/neurokinin-1 (NK1) receptor antagonism of stress-induced CNS inflammation and drug-cue reactivity in methamphetamine abuse: A mechanism of action relapse model*
Principle Investigator, The McManus Charitable Trust

PAST GRANT SUPPORT (all \$ in direct costs)

- 2013-2016 *Bupirone, Stress, and Attentional Bias to Marijuana Cues*
Principle Investigator, NIDA R21 DA034825
\$150,000 / year
- 2010-2016 *Cognitive-enhancing DA Medications for Cocaine Dependence*
Principle Investigator (Co-PI, J.M. Schmitz), NIDA R01 DA030787
\$300,000 / year
- 2010-2016 *Psychopharmacology of Novel Medications for Cocaine Dependence*
Principal Investigator, NIDA (R01 component: P50 DA009262)
\$120,000 / year
- 2010-2016 *Substance Abuse Research – Medications Development Center*
Co-Investigator (PI, J.M. Schmitz), NIDA P50 DA 009262
\$1,386,640 / year
- 2008-2013 *Neural Correlates of Alcohol Effects on Aggressive Behavior*
Principal Investigator, NIAAA R01 AA 016965
\$200,000 / year
- 2011-2013 *Novel Biomarkers and Therapeutics in Addictions and Impulse Control Disorders*
Co-Investigator (PI, K.A. Cunningham), NCRR/NIH 1UL1RR029876-01
\$150,00 / year
- 2006-2012 *Drugs of Abuse and Aggressive Behavior*
Principle Investigator, NIDA R01 DA 003166
\$175,000 / year
- 2011-2012 *Impact of Minocycline on Cognitive Symptoms in Early-Course Schizophrenia*
Co-Investigator, Stanley Medical Research Institute (PI, M. Shad)
\$287,200 / year
- 2007-2012 *Contingency Management plus Levodopa/Carbidopa for Treatment of Cocaine Dependence*

- Co-Investigator, NIDA R01 DA023608 (PI, J.M. Schmitz)
\$250,000 / year
- 2007-2009 *Adenosine Receptor Antagonists in Cocaine Dependence: Caffeine and Paraxanthine*
Principal Investigator, NIDA (R01 component: P50 DA009262, PI, F.G. Moeller)
\$150,000 / year
- 2007-2009 *PharmacMRI, Impulse Control, and Cue Reactivity in Cocaine Dependence*
Co-Investigator, sub-award, NIDA P50 DA 19197 (PI, T.R. Kosten)
\$125,000 / year
- 2005-2007 *Effects of Chronic Administration of Atomoxetine (Strattera) on Aggressive and Impulsive Behavior of Adult Human Volunteers with a History of Conduct Disorder*
Principal Investigator, Lilly Research Laboratories, Ely Lilly Co.
\$67,605
- 2002-2007 *Mechanisms in Risk Taking: Disinhibitory Drugs of Abuse*
Principal Investigator, NIDA R01 DA 15392
\$125,000 / year
- 2000-2006 *Marijuana Effects on Basic Behavioral Mechanisms*
Principal Investigator, NIDA R01 DA 12968
\$125,000 / year
- 1998 – 2003 *Altering Behavioral Risk for Drug Dependence*
Co-Investigator, NIDA R01 DA 10552 (PI, D.R. Cherek)
\$138,473 / year
- 1997 – 2002 *Behavioral Mechanisms in High Risk Populations*
Co-Investigator, NIDA R01 DA 10592 (PI, D.R. Cherek)
\$104,796 / year
- 1997-1998 *Effects of Marijuana on Maladaptive Behavior Patterns*
Principle Investigator, NIDA F32 DA 05774
50,000 / year

PUBLICATIONS

METRICS

- * H-index = 37
- * Google Scholar i-10 index = 83
- * ResearchGate Scholar Index = 39.9

PEER REVIEWED ORIGINAL JOURNAL PUBLICATIONS

Lane, S.D., da Costa, S.C., Teixeira, A.L., Reynolds, C.F., Diniz, B.S. (in press). The impact of substance use disorders on clinical outcomes in older-adult psychiatric inpatients. International Journal of Geriatric Psychiatry.

Gowin, J.L., Sloan, M.E., Ramchandani, V.A., Paulus, M.P., & Lane, S.D. (in press). Differences in decision making as a function of drug of choice. Pharmacology, Biochemistry & Behavior.

Schmitz, J.M., Green, C.E., Vincent, J., Suchting, R., Weaver, M.C., Moeller, F.G., Cunningham, K.A., Dineley, K.T., Lane, S.D. (2017). PPAR-gamma agonist pioglitazone modifies craving intensity and brain white matter integrity in patients with primary cocaine use disorder: A pilot trial. Addiction. DOI: 10.1111/add.13868

Lijffijt, M., Maili, L., Lane, S.D., Moeller, F.G., Steinberg, J.L., & Swann, A.C. (in press). Impulsivity and risk seeking relate differentially to intensity-sensitivity of N1 and P2 auditory evoked potentials. Journal of Neuropsychiatry and Clinical Neurosciences.

Parsaik, A.K., Abdel-Gawad, N., Chotalia, J., Lane, S.D., & Pigott, T.A. (2017). Early life trauma in hospitalized mood disorder patients and its association with clinical outcomes. Journal of Psychiatric Practice, 23, 36-43.

Miller, W.R., Fox, R.F., Stutz, S., Lane, S.D., Denner, L., Cunningham, K.A., Dineley, K.T. (2016). PPARγ agonism attenuates cocaine cue reactivity. Addiction Biology. DOI: 10.1111/adb.12471

Gan, G., Preston-Campbell, R.N., Moeller, S.J., Steinberg, J.L., Lane, S.D., Maloney, T., Parvaz, M.A., Goldstein, R.Z., Alia-Klein, N. (2016). Reward versus retaliation - the role of the mesocorticolimbic salience network in human reactive aggression. Frontiers in Behavioral Neuroscience, 10, 179: doi: 10.3389/fnbeh.2016.00179.

Vujonovic, A.A., Wardle, M.C., Liu, S., Dias, N.R., & Lane, S.D. (2016). Attentional bias in adults with cannabis use disorders. Journal of Addictive Diseases, 35, 144-153.

Lijffijt, M., Lane, S.D., Mathew, S.J., Stanford, M.S., Swann, A.C. (2016). Heightened early-attentional stimulus orienting and impulsive action in men with antisocial personality disorder. European Archives of Psychiatry and Clinical Neuroscience.

Wardle, M.C., Vincent, J.N., Suchting, R.J., Green, C.E., Lane, S.D., Schmitz, J.M. (2016). Anhedonia is associated with poorer outcomes in contingency management for cocaine use disorder. Journal of Substance Abuse Treatment, 72, 32-39.

Alcorn, J.L., Rathnayaka, N., Swann, A.C., Moeller, F.G., & Lane, S.D. (2015). Effects of intranasal oxytocin on aggressive responding in Antisocial Personality Disorder. The Psychological Record, 65, 691-703.

Steingroever, H., Fridberg, D.J., Horstmann, A., Kjome, K.L., Kumari, V., Lane, S.D., Maia, T.V., McClelland, J.L., Pachur, T., Premkumar, P., Stout, J., Wetzels, R., Wood, S., Worthy, D.A., Wagenmakers, E.J. (2015). Data from 617 Healthy Participants Performing the Iowa Gambling Task: A “Many Labs” Collaboration. Journal of Open Psychology Data. DOI: <http://dx.doi.org/10.5334/jopd.ak>.

Dias, N.R., Schmitz, J.M., Rathnayaka, N., Red, S.D., Sereno, A.B., Moeller, F.G., & Lane, S.D. (2015). Anti-saccade error rates as a measure of attentional bias in cocaine dependent subjects. Behavioural Brain Research, 292, 493-499.

Hamilton, J.E., Heads, A.M., Cho, R.Y., Lane, S.D., Soares, J.C. (2015). Racial disparities during admission to an academic psychiatric hospital in a large urban area. Comprehensive Psychiatry, 63, 113-122.

Alcorn III, J.L., Green, C.E., Schmitz, J.L., & Lane, S.D. (2015). Effects of oxytocin on aggressive responding in healthy adult males. Behavioural Pharmacology (special issue on behavioral pharmacology of social behavior), 26, 798-804.

Yoon, J.H., Lane, S.D., & Weaver, M.W. (2015). Opioid analgesics and nicotine: More than blowing smoke. Journal of Pain & Palliative Care Pharmacotherapy, 16, 1-9.

Ma, L., Steinberg, J.L., Cunningham, K.A., Lane, S.D., Bjork, J.M., Neelakantan, H., Price, A.E., Narayana, P.A., Kosten, T.R., Bechara, A., Moeller, F.G. (2015). Inhibitory behavioral control: A stochastic dynamic causal modeling study comparing cocaine dependent subjects and controls. NeuroImage: Clinical, 7, 837-847.

Dias, N.R., Green, C.E., Rathnayaka, N., Schmitz, J.M., & Lane, S.D. (2015). Demographic and psychological factors associated with lifetime cocaine use: An exploratory factor analysis of baseline questionnaires. Addictive Disorders & Their Treatment, 14, 70-77.

Liu, S., Maili, L., Lane, S.D., Schmitz, J.L., Spellicy, C.J., Cunningham, K.A., Moeller, F.G., & Nielsen, D.A. (2015). Serotonin transporter gene polymorphism predicts the relationship between years of cocaine use and impulsivity. Psychiatric Genetics, 25, 213-214.

Price, A.E., Neelakantan, H., Ma, L., Steinberg, J.L., Lane, S.D., Bjork, J.M., Narayana, P.A., Kosten T.R., Bechara, A., Anastacio, N.C., Moeller, F.G., Cunningham, K.A. (2015). Dynamic causal modeling in humans offers a novel approach to delineate prefrontal-striatal serotonergic drivers of

impulsivity in rats. Drug and Alcohol Dependence 11/2015; 156:e181; DOI: 10.1016/j.drugalcdep.2015.07.674

Ramesh, D., Steinberg, J.L., Lane, S.D., Schmitz, J.S., Cifu, D.X., & Moeller, F.G. (2015). Prevalence of mild traumatic brain injury in cocaine-dependent research volunteers. The American Journal on Addictions, 24, 341-347.

Kose, S., Steinberg, J.L., Moeller, G.G., Gowin, J.L., Zuniga, E., Kamdar, Z.N., Schmitz, J.L., & Lane, S.D. (2015). Neural correlates of impulsive aggressive behavior in subjects with a history of alcohol dependence. Behavioral Neuroscience, 129, 183-196.

Ma, L., Steinberg, J.L., Cunningham, K.A., Lane, S.D., Kramer, L.A., Narayana, P.A., Kosten, T.R., Bechara, A., & Moeller, F.G. (2015). Inhibitory behavioral control: a stochastic dynamic causal modeling study using network discovery analysis. Brain Connectivity, 5, 177-186.

Wu, H.E., Mohite, S., Ngana, I., Burns, W., Shah, N., Schneider, L., Schmitz, J.M., Lane, S.D., & Okusaga, O.O. (2015). Hospital length of stay in individuals with schizophrenia with and without cocaine positive urine drug screens at hospital admission. Journal of Nervous and Mental Disease, 203, 33-36.

Hamilton, K.R., Mitchell, M.R., Wing, V.C., Balodis, I.M., Bickel, W.K., Fillmore, M., Lane, S.D., et al. (2015). Choice impulsivity: Definitions, measurement issues, and clinical implications. Personality Disorders: Theory, Research, and Treatment, 6, 182-198.

Hamilton, K.R., Littlefield, A.K., Anastasio, N.C., Cunningham, K.A., Fink, L.H., Wing, V.C., Mathias, C.W., Lane, S.D., et al. (2015). Rapid-response impulsivity: Definitions, measurement issues, and clinical implications. Personality Disorders: Theory, Research, and Treatment, 6, 168-181.

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BOOK CHAPTERS

Schmitz, J.M., Wardle, M.C., Weaver, M.C., Heads, A.M., Yoon, J.H., & Lane, S.D. (in press). Pharmacological treatment of psychostimulant disorders. In S.M. Evans and K.M. Carpenter (Eds). APA Handbook of Psychopharmacology. American Psychological Association Press, Washington, DC.

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MANUSCRIPTS UNDER REVIEW

Ma, L., Steinberg, J.L., Cunningham, K.A., Bjork, J.M., Lane, S.D., Schmitz, J.M., Burroughs, T., Narayana, P.A., Kosten, T.R., Bechara, A., Moeller, F.G. Altered anterior cingulate cortex to hippocampus effective connectivity in response to drug cues in cocaine use disorder subjects

Tannous, J., Mwangi, B., Hasan, K.M., Narayana, P.A., Moeller, F.G., Steinberg, J.L., Wals-Bass, C., Schmitz, J.M., Lane, S.D. Relationships among anti-saccade errors, DTI metrics and telomere length in subjects with cocaine and alcohol use disorders: Evidence for neurotoxicity in chronic stimulant use.

Yoon, J.H., Wardle, M.C., Weaver, M.C., Haliwa, I., Vincent, J., Schmitz, J.M., Lane, S.D. Multivariate calibration of individual variation in eye-movement based attentional bias to marijuana stimuli.

Parsaik, A.K., AbdelGawad, N., Chotalia, J., Lane, S.D., Pigott, T.A. Substance use disorders in psychiatric inpatients reporting childhood trauma. *Child Abuse & Neglect*.

Suchting, R., Green, C.E., Glazier, S.M., Lane, S.D. A data science approach to predicting patient aggressive events in a psychiatric hospital.

OTHER PROFESSIONAL COMMUNICATIONS

INVITED PRESENTATIONS

Lane, S.D. Drugs of abuse, stress, and neurotoxicity. SEARCH Homeless Services, Houston, TX. March, 2017

Lane, S.D. Laboratory behavior and neuroimaging outcomes in pioglitazone-treated subjects with cocaine use disorder. National Institute on Drug Abuse, Bethesda, MD. April, 2016.

Lane, S.D. Stress, Neurotoxicity, and Cocaine. University of Texas Medical Branch. Galveston, TX. November, 2015.

Lane, S.D. Attentional Bias to Drug Cues: Role in Substance Abuse and Relapse. University of Kentucky Medical School. Lexington, KY: April, 2014.

Lane, S.D. Cue Reactivity and Attentional Bias in Substance Use Disorders. Duke University Medical School. Durham, NC: January 2013.

Lane, S.D. The Role of Cue Reactivity and Attentional Bias in Addiction. UTHealth Psychiatry Update. Houston, TX: February, 2013.

Lane, S.D. Neuropsychiatry of Impulsivity and Aggression in Drug-Dependent Humans. Meeting of the Society for Social Neuroscience. New Orleans, LA: October, 2012.

Lane, S.D. The Impact of Acute and Chronic Effects of Abused Drugs on Risky Decision Making. Meeting of the American Psychiatric Association. NIDA-sponsored symposium, Decision-Making and Addictions: Neurobiology and Treatment Implications. Honolulu, HI: May 2011.

Lane, S.D. Human Decision Making: Neurobiology of Acute and Chronic Effects of Abused Drugs. Texas A&M University, College Station, TX: October, 2010.

Lane, S.D. Drugs of Abuse and Risky Decision Making. Meeting of the Association for Psychological Science. APS-sponsored symposium, Risky Behavior: A Guide to Living on the Edge. Boston, MA: May 2010.

Lane, S.D. Human Aggression: Psychiatry, Psychopharmacology, and Neuroscience. Duke University. Durham, NC: April 2008.

Lane, S.D. Human Aggression: Psychiatry, Psychopathology, and Psychopharmacology. Carolina College of Health Sciences / Carolina Health Systems. Charlotte, NC: April 2008.

Lane, S.D. A Blunt Report: Marijuana Effects on Human Behavioral Processes. Southeast Association for Behavior Analysis. Athens, GA: October, 2007.

Lane, S.D. Factors Influencing Risky Decision Making in Humans. Fellows address, APA annual convention. San Francisco, CA: August, 2007.

Lane, S.D. Biobehavioral Mechanisms in Risky and Social Decision Processes. College of Medicine, University of Arkansas for Medical Sciences. Little Rock, AR: February, 2006.

Lane, S.D. GABAergic modulation of risky/impulsive decision making. Meeting of the International Society for Research on Impulsivity. Washington, DC: November, 2005.

Lane, S.D. Some effects of marijuana on basic behavioral processes in humans. CUNY /

Queens College. New York, NY: December, 2004.

Lane, S.D. Psychopharmacology of risky decision making in humans: Effects of GABA modulators. NIDA-sponsored symposium: Drugs of Abuse and Decision Making. APA annual convention, Honolulu, HI: July, 2004.

Lane, S.D. Human risk-taking: Psychopathology and Psychopharmacology. University of Colorado Health Science Center. Denver, CO: August, 2002.

Lane, S.D. Psychopharmacology and Maladaptive Behavior. Distinguished Alumni Presentation, Auburn University Research Symposium. Auburn, AL: November, 2002.

Lane, S.D. Human risk-taking: Effects of behavioral history and disinhibitory drugs. Meeting of the American Psychological Association. Wyeth-Ayerst Young Psychopharmacologist Award Presentation. San Francisco, CA: August, 2001.

GENERAL CONFERENCE PRESENTATIONS

Da Costa, S.C., Teixeira, A.L., Diniz, B.S., Lane, S.D. The impact of substance use disorders late in life. Society on Biological Psychiatry. San Diego, CA: May, 2017.

Da Costa, S.C., Lane, S.D. The impact of cocaine use disorders in cognitive functioning late in life. American Psychiatric Association Annual Meeting. San Diego, CA: May, 2017.

Khan, S., Fries, G., Dyukova, E., Walss-Bass, C., Lane, S.D., Schmitz, J.M., Wardle, M.C. Preliminary assessment of inflammatory gene expression in individuals with cocaine use disorder and anhedonia. American College of Neuropsychopharmacology. Hollywood, FL: Dec, 2016

Moeller, F.G., Ma, L., Steinberg, J.L., Bjork, J., Lane, S.D., Narayana, P.A., Kosten, T.R., Schmitz, J.M., Price, A.E., Cunningham, K.A. Effective connectivity of attentional bias in cocaine dependence. College on Problems of Drug Dependence. Palm Springs, CA: June, 2016.

Dimet, A., Denner, L., Miller, R., Cunningham, K.A., Huentelman, M., Lane, S.D., Dineley, K. PPAR γ agonism to treat white matter damage in cocaine use disorder. College on Problems of Drug Dependence. Palm Springs, CA: June, 2016.

Lane, S.D., Hasan, K.M., Mwangi, B., Narayana, P.A., Vincent, J., Moeller, F.G., Steinberg, J.L., Dineley, K., Cunningham, K.A., Schmitz, J.M. Changes in brain white matter integrity after PPAR-gamma agonist treatment for cocaine use disorder. College on Problems of Drug Dependence. Palm Springs, CA: June, 2016.

Jalnapurkar, I., Pratikkumar, D., Sullivan, Z., AbdelGawad, N., Douglas, R., Engstrom, A., Kazimi, I., Lane, S.D., Pigott, T.A. The burden of pediatric psychiatric illness: A family perspective.

American Psychiatric Association Annual Meeting. Atlanta, GA: May, 2016.

Parsaik, A.K., Abdel-Gawad, N., Chotalia, J., Lane, S.D., Pigott, T.A. Early life trauma in hospitalized mood disorder patients and its association with clinical outcomes. American Psychiatric Association Annual Meeting. Atlanta, GA: May, 2016.

Gan G., Preston-Campbell R.N., Steinberg J.L., Lane S.D., Maloney T., Parvaz M.A., Moeller S.J., Goldstein R.Z., Alia-Klein N. Reward wins – increased activation of the mesocortico-striatal salience network in human reactive aggression. Society for Neuroscience Annual Meeting. Chicago, IL: October 2015.

Yoon, J.H., Vujanovic, A.A., Suchting, R., Green, C.E., Schmitz, J.M., Lane, S.D. Eye tracking measures of attentional bias to individually-calibrated marijuana cues. College on Problems of Drug Dependence. Phoenix, AZ: June, 2015.

N. S. Tannu, J. Schmitz, S. D. Lane, C. Green, K.A. Cunningham, R. Suchting, J. Herrera, P. A. Narayana. Proteomics analyses: Peroxisome proliferator-activated receptor gamma agonist for chronic cocaine administration in rodent. College on Problems of Drug Dependence. Phoenix, AZ: June, 2015.

A.E. Price, H. Neelakantan, L. Ma, J.L. Steinberg, S.D. Lane, J.M. Bjork, P.A. Narayana, T. Kosten, A. Bechara, N.C. Anastasio, F. Moeller, K.A. Cunningham. Dynamic causal modeling in humans offers a novel approach to delineate prefrontal-striatal serotonergic drivers of impulsivity in rats. College on Problems of Drug Dependence. Phoenix, AZ: June, 2015.

L. Ma, J.L. Steinberg, K.A. Cunningham, S.D. Lane, J.M. Bjork, P.A. Narayana, T. Kosten, A. Bechara, F. Moeller. Inhibitory control: A brain connectivity study comparing cocaine-dependent subjects and controls. College on Problems of Drug Dependence. Phoenix, AZ: June, 2015.

Gan G., Preston-Campbell R.N., Steinberg J.L., Lane S.D., Maloney T., Parvaz M.A., Moeller S.J., Goldstein R.Z., Alia-Klein N. Reward versus retaliation and the hyperactive mesocortico-striatal salience network. Friedman Brain Institute Symposium. New York, NY: May, 2015.

Tannu, N.S., Schmitz, J.M., Lane, S.D., Hasan, K.M., Narayana, P.A. Proteomics and DTI tractography analyses for evaluation of PPAR-gamma agonist treatment for cocaine dependence. Society of Biological Psychiatry Meeting. New York, NY: May, 2014.

Kose, S., Steinberg, J.L., Moeller, F.G., Gowin, J.L., Zuniga, E., Kamdar Z.N., Schmitz, J.M. & Lane, S.D. Neural Correlates of Impulsive Aggressive Behavior in Alcohol Dependent Subjects. American Psychiatric Association Meeting. New York, NY: May, 2014.

Alcorn, J.L., Dias, N.R., Schmitz, J.M., & Lane, S.D. Oxytocin effects on human aggressive responding in males. International Society for Research on Aggression. Atlanta, GA: July, 2014.

Dias, N.R., Red, S. Alcorn, J.L., Sereno, A.B., Schmitz, J.M., & Lane, S.D. Eye-tracking measures

of attentional bias in cocaine-dependent subjects. Cognitive Neuroscience Society. Boston, MA: April, 2014.

Rathnayaka, N., Suchting, R., Lane, S.D., Schmitz, J., Green, C. Posterior predictive power: a decision-making tool for clinical trial design. College on Problems of Drug Dependence. San Juan, Puerto Rico: June, 2014

Lane, S.D. Behavioral effects of buspirone in cocaine dependence. NIDA meeting of the Centers of Excellence in Substance Abuse and Dependence. Bethesda, MD: September, 2013.

Alcorn, J.L., Dias, N., Moeller, F.G., & Lane, S.D. A preliminary analysis of aggressive behavior under oxytocin dose. College on Problems of Drug Dependence. San Diego, CA: June, 2013.

Dias, N., Schmitz, J.M., Rathnayaka, N., Moeller, F.G., & Lane, S.D. Eye-tracking measures of attentional bias in cocaine-dependent subjects. College on Problems of Drug Dependence. San Diego, CA: June, 2013.

Schmitz, J.M., Lane, S.D., Moeller, F.G., Rathnayaka, N., & Green, C.E. Drop-the-loser: an innovative design for a clinical trial of citalopram for cocaine dependence. College on Problems of Drug Dependence. San Diego, CA: June, 2013.

Lui, S., Nielsen, D.A., Lane, S.D., Schmitz, J.M., Baladandayuthapani, K., Cunningham, K.C., & Moeller, F.G. Cocaine dependence moderates the relationship between serotonin transporter polymorphisms and measures of impulsivity. College on Problems of Drug Dependence. San Diego, CA: June, 2013.

Red, S. Dias, N.R., Lane, S.D., & Sereno, A.B. Reflexive and voluntary eye movements in cocaine using subjects. Gordon Research Conferences. Easton, MA: July 2013.

Ma, L., Steinberg, J.L., Lane, S.D., Schmitz, J.M., Green, C.E., Narayana, P.A., Kramer, L.A., & Moeller, F.G. Striatal gating effect and prediction of treatment response in cocaine dependence. College on Problems of Drug Dependence. San Diego, CA: June, 2013.

Alcorn, J.A., Dias, N., Moeller, F.G., & Lane, S.D. Preliminary analysis of aggressive behavior following oxytocin dosing. Society for Cognitive Neuroscience. San Francisco, CA: April, 2013.

Hasan KM, MA L, Kramer, LA, Lane SD, Steinberg JL, Narayana PA, & Moeller FG. Markers of the neurobiology of cocaine addiction. International Society for Magnetic Resonance in Medicine. Salt Lake City, UT: April, 2013.

Dias, N., Lane, S.D., Schmitz, J.S., Green, C.E., & Moeller, F.G. Neurocognitive effects of citalopram in cocaine dependent subjects. Society for Neuroscience. New Orleans, LA: October, 2012.

Lane, S.D., Moeller, F.G., Steinberg, J.L., Ma, L., Kosten, T.R., & Narayana, P.A. Effects of d-amphetamine on brain activation of cocaine-dependent subjects during a go/no-go task of inhibitory

control. College on Problems of Drug Dependence. Palm Springs, FL: June, 2012.

Liu, S., Lane, S.D., Schmitz, J.M., Cunningham, K.A., & Moeller, F.G. Effects of escitalopram on attentional bias to cocaine cues in cocaine dependent subjects. College on Problems of Drug Dependence. Palm Springs, FL: June, 2012.

Moeller, F.G., Steinberg, J.L., Lane, S.D., Ma, L., Kramer, L.A., Narayana, P.A., & Kosten, T.R. Effect of Dopamine Enhancing Medications on Go/No-Go fMRI Brain Activation in Cocaine Dependence. Society of Biological Psychiatry. Philadelphia, PA: May, 2012.

Moeller, F.G., Steinberg, J.L., Lane, S.D., Ma, L., Kosten, T.R., & Narayana, P.A. Pharmacological MRI of D-amphetamine: Effects on a Go-No/Go Task in Cocaine Dependent Subjects. American College of Neuropsychopharmacology. Waikaloa Beach, HI: December, 2011.

Gowin, J.L., Green, C.E., Moeller, F.G., Lane, S.D. Effects of child abuse on adult aggression: cortisol as mechanism. Society for Neuroscience. Washington, DC: November, 2011.

Robinson, C.D., Lane, S.D., Moeller, F.G., Schmitz, J.L., Waters, A.J. Individuals with high attentional bias for cocaine cues and blunted motivation for non-drug rewards may be at risk for long term cocaine use. College on Problems of Drug Dependence. Hollywood, FL: June, 2011.

Liu, S., Lane, S.D., Schmitz, J.M., Cunningham, K.A., Moeller, F.G. Relationship between extinction of attentional bias to cocaine-related stimuli and the severity of cocaine dependence. College on Problems of Drug Dependence. Hollywood, FL: June, 2011.

Green, C.E., Schmitz, J.M., Linsay, J., Pedroza, C., Lane, S.D., Kjome, K.M., Moeller, F.G. Heterogeneity in treatment response for cocaine dependence: A Bayesian sub-group analysis incorporating historical data. College on Problems of Drug Dependence. Hollywood, FL: June, 2011.

Gowin, J.L., Moeller, F.G., Swann, A.C., & Lane, S.D. The effects of childhood abuse on adult aggression: Cortisol as a mechanism. Behavior, Biology, and Chemistry: Translational Research in Addiction. San Antonio, TX. March, 2011.

Alcorn, J.L., Lane, S.D., Moeller, F.G., & Swann, A.C. Behavioral and neurophysiological predictors of psychopathology and aggression. Behavior, Biology, and Chemistry: Translational Research in Addiction. San Antonio, TX. March, 2011.

Kjome, K.L., Moeller, F.G., Steinberg, J.L., Bandak, S.D., Lane, S.D., Ma, L., Rathnayaka, N., Kramer, L.A., Narayana, P.A. Physiological and Behavioral effects of SYN-115, a novel adenosine2A antagonist in cocaine dependent subjects. American College of Neuropsychopharmacology. December 2010: Miami Beach, FL.

Lane, S.D., Steinberg, J.L., Ma, L., Rathnayaka, N., Zuniga, E., Moeller, F.G. Neural correlates of human aggression in alcohol-dependent and control subjects. American College of

Neuropsychopharmacology. December 2010: Miami Beach, FL.

Gowin, J.L., Swann, A.C., Moeller, F.G., Lane, S.D. Zolmitriptan, a 5-HT_{1B/D} agonist, reduces human aggression. Society for Neuroscience. November 2010: San Diego, CA.

Wittmann, M., Simmons A.N., Flagan, T., Lane, S.D., Wackermann, J., Paulus, M.P. Time and impulsivity: Neural substrates of time perception and impulsivity. Society for Neuroscience. November 2010: San Diego, CA.

S. Liu, S.D. Lane, J.M. Schmitz, C.E. Green, K.A. Cunningham, F.G. Moeller. Increased Intra-Individual Reaction Time Variability in Cocaine-Dependent Subjects on Performance of a Cocaine-Word Stroop Task. Society for Neuroscience. November 2010: San Diego, CA.

Wittmann, M., Simmons A.N., Flagan, T., Lane, S.D., Wackermann, J., Paulus, M.P. Neural substrates of duration reproduction and impulsivity. International Organization of Psychophysiology. July 2010: Budapest, Hungary.

S. Liu, S.D. Lane, J.M. Schmitz, A.J. Waters, K.A. Cunningham, F.G. Moeller. Extinction of attentional bias to cocaine-related stimuli: Difference between non-treatment seeking and treatment-seeking cocaine-dependent subjects. College on Problems of Drug Dependence. Scottsdale, AZ: June, 2010.

K. L. Kjome, J. L. Steinberg, T. Kosten, S. D. Lane, A. Waters, L. Ma, L. A. Kramer, P. A. Narayana, F. G. Moeller. Effect of d-amphetamine on fMRI during cue-reactivity task in cocaine-dependent subjects compared to controls. College on Problems of Drug Dependence. Scottsdale, AZ: June, 2010.

Robinson, C., Lane, S.D., Moeller, F.G., Schmitz, J.L., & Waters, A.J. Moderators of associations between attentional bias to cocaine cues and cocaine use. NIDA Blending Conference, Albuquerque, NM. April 2010.

Lijffijt, M., Lane, S.D., Cox, B., Moeller, F.G., Steinberg, J.L., Kjome, K.L., Swann, A.C. Relationships of P50, N100, and P200 auditory sensory gating with severity and clinical characteristics of subjects with extreme antisocial behavior. American College of Neuropsychopharmacology. Hollywood, FL: Dec, 2009.

Lane, S.D., Steinberg, J.L., Rathnayaka, N., Cherek, D.R., Kramer, L.A., Narayana, P.A., Moeller, F.G. Neural correlates of aggressive responding in alcohol-dependent and control subjects. College on Problems of Drug Dependence. Reno, NV: June, 2009.

Cox, B., Lijffijt, M., Lane, S.D., Moeller, F.G., Steinberg, J.L., Swann, A.C. Impaired decision-making in antisocial personality disorder with past poly-substance abuse. Meeting of the International Society for Research on Impulsivity. San Francisco, CA: June, 2009.

Lijffijt, M., Cox, B., Moeller, F.G., Lane, S.D., Steinberg, J.L., Swann, A.C. Sensory gating and

severity of course of illness in antisocial personality disorder. Meeting of the International Society for Research on Impulsivity. San Francisco, CA: June, 2009.

Ma, L., Hasan, K.M., Steinberg, J.L., Narayana, P.A., Lane, S.D., Zuniga, E.A., Kramer, L.A., Moeller, F.G. Alterations in microstructure of the isthmus in midsagittal corpus callosum is associated with duration of cocaine use in the cocaine-dependent subjects. College on Problems of Drug Dependence. Reno, NV: June, 2009.

Gowin, J.L., Lane, S.D., Moeller, F.G., Steinberg, J.L., Swann, A.C. Zolmitriptan and its relationship to the aggression-heightening effects of alcohol. College on Problems of Drug Dependence. Reno, NV: June, 2009.

Liu, S., Moeller, F.G., Lane, S.D., Cunningham, K.A. The relationship between the responsivity to cocaine-related stimuli and other cognitive performance. College on Problems of Drug Dependence. Reno, NV: June, 2009.

Kjome, K.L., Lane, S.D., Schmitz, J.M., Green, C.E., Ma, L., Prasla, I., Swann, A.C., Moeller, F.G. Relationship of impulsivity and decision-making measures in cocaine dependence. College on Problems of Drug Dependence. Reno, NV: June, 2009.

Moeller, F.G., Steinberg, J.L., Lane, S.D., Kramer, L.A., Narayana, P.A. and Kosten, T.R. fMRI of response inhibition in cocaine-dependent subjects and controls: Effect of amphetamine. College on Problems of Drug Dependence. San Juan, PR: June, 2008.

Lane, S.D., Moeller, F.G., Gowin, J.L., Steinberg, J.L. and Cherek, D.R. Acute effects of topiramate on aggressive responding in individuals on parole/probation with a history of substance use disorders. College on Problems of Drug Dependence San Juan, PR: June, 2008.

Gowin, J.L. & Lane, S.D. Acute effects of alprazolam on social interaction in a game theory paradigm. Cognitive Neuroscience Society. San Francisco, CA: April, 2007.

Gowin, J.L. & Lane, S.D. Modulation of human social interaction by alprazolam. Texas Behavioral Pharmacologists Working Group. San Antonio, TX: Oct, 2007.

Liffijt, M., Moeller, F.G., Boutros, N.N., Steinberg, J.L., Lane, S.D., & Swann, A.C. P50 gating in ASPD. International Society for Research on Impulsivity. New York, NY: Oct, 2007.

Lane, S.D., Moeller, F.G., Steinberg, J.L, Buzby, M., Narayana, P.A., Kramer, L.A., & Kosten, T.R. Response inhibition in cocaine-dependent individuals and controls under a Go/No-Go task with different levels of difficulty. College on Problems of Drug Dependence. Quebec, Canada: June, 2007.

Moukaddam, N., Moeller, F.G., Schmitz, J.M., Lane, S.D., Steinberg, J.L. & Swann, A.C. Preliminary study on the relationship between 5-HT_{2A}-102C/T, Iowa Gambling Task scores, and abstinence in cocaine users treated with citalopram and contingency management. College on Problems of Drug Dependence. June, 2007: Quebec, Canada.

Mooney, M.E., Green, C.E., Schmitz, J.M., Steinberg, J.L., Swann, A.C., Lane, S.D., & Moeller, F.G. Impulsivity and decision making: Relationship to treatment outcome in cocaine dependence. College on Problems of Drug Dependence. June, 2007: Quebec, Canada

Moeller, F.G., Steinberg, J.L., Hasan, K.M., Lane, S.D., Kramer, L.A., Buzby, M., Swann, A.C., & Narayana, P.A. Diffusion Tensor Imaging in MDMA Users and Controls: Association with Iowa Gambling Task Performance. College on Problems of Drug Dependence. June, 2007: Quebec, Canada.

Lane, S.D., Cherek, D.R., Tcheremissine, O.V., Lieving, L.V., & Nouvion, S.O. Effects of flunitrazepam (Rohypnol) on humans' risky decision making. College on Problems of Drug Dependence. June, 2006: Scottsdale, AZ.

Lieving, L.V., Cherek, D.R., Tcheremissine, O.V., Lane, S.D., & Nouvion, S.O. Effects of acute tiagabine administration on aggressive responses of adult male parolees. College on Problems of Drug Dependence. June, 2005: Orlando, FL.

Nouvion, S.O., Lane, S.D., Tcheremissine, O.V., Lieving, L.M., & Cherek, D.R. Acute effects of alprazolam on proactive and reactive aggression. College on Problems of Drug Dependence. June, 2005: Orlando, FL.

Tcheremissine, O.V., Lane, S.D., Cherek, D.R., Lieving, L.M., Nouvion, S.O. Effects of acute propranolol administration on risk-taking behavior in substance abusers in a laboratory setting. College on Problems of Drug Dependence. June, 2005: Orlando, FL.

Lane, S.D., Lieving, L.V., Cherek, D.R., Tcheremissine, O.V., & Nouvion, S.O. Effects of marijuana on the direction and variability of temporal discrimination in humans. College on Problems of Drug Dependence. June, 2005: Orlando, FL.

Lieving, L.V., Lane, S.D., Cherek, D.R., Tcheremissine, O.V., & Nouvion, S.O. Effects of marijuana on the direction and variability of temporal discrimination in humans. Meeting of Association for Behavior Analysis conference. May, 2005, Chicago, IL.

Lieving, L.V., Lane, S.D., Cherek, D.R., Tcheremissine, O.V., & Nouvion, S.O. Effects of delays on human performance on a temporal discrimination procedure. Meeting of Association for Behavior Analysis conference. May, 2005, Chicago, IL.

Lieving, L.M., Lane, S.D., Cherek, D.R., Tcheremissine, O.V., & Nouvion, S. Acute marijuana effects on human working memory: Separating initial discriminability from forgetting. College on Problems of Drug Dependence. June, 2004: San Juan, PR.

Tcheremissine, O.V., Cherek, D.R., Lane, S.D., Lieving, L.M., & Nouvion, S. Effects of acute administration of flumazenil on aggressive responding of male parolees with a history of conduct disorder. College on Problems of Drug Dependence. June, 2004: San Juan, PR.

Lane, S.D., Cherek, D.R., Lieving, L.M., Tcheremissine, O.V., & Nouvion, S. Acute effects of alprazolam on risky decision-making in human subjects. College on Problems of Drug Dependence. June, 2004: San Juan, PR.

Nouvion, S., Cherek, D.R., Lane, S.D., Tcheremissine, O.V., & Lieving, L.M. Laboratory and questionnaire measures of, and acute effects of alprazolam on, proactive and reactive aggression. College on Problems of Drug Dependence. June, 2004: San Juan, PR.

Martin, C.A., Kelly, T.H., Guenther, G., Bingcang, C., & Lane, S.D. Pubertal stage, sensation-seeking and methylphenidate effects in ADHD adolescents. College on Problems of Drug Dependence. June, 2004: San Juan, PR.

Lane, S.D., Cherek, D.R., Pietras, C.J., & Tcheremissine, O.V. Does losing hurt worse than winning feels good? Better losing through pharmacology. Meeting of Association for Behavior Analysis conference. May, 2004, Boston, MA.

Cherek, D.R., Tcheremissine, O.V., Lane, S.D. and Nouvion, S. Psychopharmacological studies of high-risk populations: possible relevance to clinicians. Meeting of the International Society for the Study of Personality Disorders, October, 2003: Florence, Italy.

Lane, S.D., Cherek, D.R., Pietras, C.J., & Tcheremissine, O.V. Measures of attention and response inhibition in chronic marijuana smoking adolescents and controls. Meeting of the College on Problems of Drug Dependence. June, 2003: Bal Harbour, FL.

Lane, S.D., Cherek, D.R., Pietras, C.J., & Tcheremissine, O.V. Acute effects of smoked marijuana of response rate and reinforcer efficacy in human subjects. Meeting of Association for Behavior Analysis conference. May, 2003, San Francisco, CA.

Tcheremissine, O.V., Cherek, D.R., Lane, S.D., & Pietras, C.J. Effects of chronic baclofen administration on aggressive and impulsive responses of male parolees with and without a history of conduct disorder. Meeting of the College on Problems of Drug Dependence. June, 2003: Bal Harbour, FL.

Tcheremissine, O.V., Cherek, D.R., Lane, S.D., & Pietras, C.J. Effects of gabapentin on aggressive and escape responses of adult substance abusers with and without a history of conduct disorder in a laboratory setting. European College of Neuropsychopharmacology conference. April, 2003, Nice, France.

Pietras, C.J. Cherek, D.R., Lane, S.D., J.L. Steinberg, & Tcheremissine, O.V. Effects of acute methylphenidate administration on impulsive responding in adult males. European College of Neuropsychopharmacology conference. April, 2003, Nice, France.

Pietras, C.J. Cherek, D.R., Lane, S.D., & Tcheremissine, O.V. Effects of acute administrations of the benzodiazepine lorazepam on aggressive responding in adult humans. Meeting of the College on Problems of Drug Dependence. June, 2003, Bal Harbour, FL.

Pietras, C.J. Cherek, D.R., Lane, S.D., & Tcheremissine, O.V. Effects of acute administrations of lorazepam on aggressive responding in adult humans. Meeting of Association for Behavior Analysis conference. May, 2003, San Francisco, CA.

Lane, S.D., Cherek, D.R., Pietras, C.J., & Steinberg, J.L. Residual effects of chronic marijuana use on sensitivity to consequences in adolescents. Meeting of the College on Problems of Drug Dependence. June, 2002: Quebec City, Canada.

Martin, C.A., Kelly, T.H., Guenther, G., Lane, S.D., & Bincang, C. Methylphenidate effects on task performance in ADHD adolescents. Meeting of the College on Problems of Drug Dependence. June, 2002: Quebec City, Canada.

Cherek, D.R., Lane, S.D., Pietras, C.J., & Steinberg, J.L. Contrasting effects of Gabapentin/GABA release on aggression in adults with and without a history of childhood conduct disorder. Meeting of the College on Problems of Drug Dependence. June, 2002: Quebec City, Canada.

Pietras, C.J., Lane, S.D., Cherek, D.R., & Steinberg, J.L. Effects of alcohol and THC on human risk-taking. Meeting of the College on Problems of Drug Dependence. June, 2002: Quebec City, Canada.

Pietras, C.J., Cherek, D.R., & Lane, S.D. Variance-reduction models of sharing and choice in humans. Meeting of the Association for Behavior Analysis. May, 2002: Totonto.

Pietras, C.J., Cherek, D.R., Lane, S.D., & Steinberg, J.L. GABA-B agonist Baclofen and human aggressive responding. Meeting of the Association for Behavior Analysis. May, 2002: Totonto.

Pietras, C.J., Cherek, D.R., Lane, S.D., & Steinberg, J.L. Choice in humans on a self-control and a diminishing returns procedure. Meeting of the Association for Behavior Analysis. May, 2002: Totonto.

Pietras, C.J., Cherek, D.R., & Lane, S.D. Reinforcer variability and social behavior in adult humans. Meeting of the Southeastern Association for Behavior Analysis. October, 2001: Wilmington, NC.

Lane, S.D., Cherek, D.R., Pietras, C.J. & Steinberg, J.L. Marijuana effects on humans' sensitivity to consequences. Meeting of the College on Problems of Drug Dependence. June, 2001: Scottsdale, AZ.

Cherek, D.R., Lane, S.D., Pietras, C.J. and Steinberg, J.L. Acute effects of GABA-B agonist-

baclofen on aggression in adults with and without a history of childhood conduct disorder. Meeting of the College on Problems of Drug Dependence. June, 2001: Scottsdale, AZ.

Pietras, C.J., Cherek, D.R., & Lane, S.D. Effects of acute methylphenidate administration on aggressive responding and impulsivity in adult humans. Meeting of the College on Problems of Drug Dependence. June, 2001: Scottsdale, AZ.

Lane, S.D., Cherek, D.R., & Pietras, C.J. Disinhibitory drugs of abuse and human risk-taking. Meeting of the Association for Behavior Analysis, May, 2001: New Orleans.

Critchfield, T. S., & Lane, S. D. Relative impact of gain and loss in three human choice procedures. Meeting of the Association for Behavior Analysis, May, 2001: New Orleans.

Critchfield, T. S., Lane, S. D., D'Arcangelo, B. & Evans, B. Relative impact of gains and losses on human choice: Evidence from three procedures. Meeting of the Southeastern Association for Behavior Analysis. October, 2000: Chattanooga, TN.

Cherek, D.R. & Lane, S.D. Evaluation of the effects of serotonergic and gabaergic drugs on human aggression and impulsivity. Meeting of the International Society of Research on Aggression. July, 2000: Valencia, Spain.

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