

CURRICULUM VITAE

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TITLES AND AFFILIATIONS

Present	Professor and Vice Chair for Research Co-Director, Center for Neurobehavioral Research on Addiction Louis A. Faillace, MD Department of Psychiatry & Behavioral Sciences UTHealth McGovern Medical School University of Texas Health Science Center at Houston Director of Research UTHealth Harris County Psychiatric Center Professor, Program in Neuroscience MD Anderson - UTHealth Graduate School of Biomedical Sciences
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. (Psychology) Auburn University
1988	B.A. (Psychology) 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 & Behavioral Sciences UTHealth McGovern School of Medicine University of Texas Health Science Center at Houston
2010	Professor Department of Psychiatry & Behavioral Sciences UTHealth McGovern School of Medicine University of Texas Health Science Center at Houston
2005	Associate Professor Department of Psychiatry & Behavioral Sciences UTHealth McGovern School of Medicine University of Texas Health Science Center at Houston
2004	Professor Program in Neuroscience Graduate School of Biomedical Sciences MD Anderson - UT Health Science Center at Houston
1999	Assistant Professor Department of Psychiatry & Behavioral Sciences UTHealth McGovern School of Medicine University of Texas Health Science Center at Houston
1997	Research Fellow UTHealth McGovern School of Medicine University of Texas Health Science Center at Houston NIH, National Service Research Award National Institute of Drug Abuse: F32-DA05774

PROFESSIONAL ORGANIZATIONS

Current	American Association for the Advancement of Science American Psychological Association (Divisions 6, 25, 28) College on Problems of Drug Dependence International Society for Research on Impulsivity
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HONORS AND AWARDS

2020	<i>Journal of Dual Diagnosis</i> , Top reviewer recognition
2016	<i>McGovern Research Scholar (Inaugural)</i> UTHealth McGovern Medical School
2014	<i>John P. McGovern Award for Outstanding Teaching</i> Graduate School of Biomedical Sciences MD Anderson - UTHealth Science Center at Houston
2011	<i>Drug and Alcohol Dependence</i> , Top reviewer recognition
2006	<i>Fellow</i> , American Psychological Association (Division 28)
2001	<i>Young Psychopharmacologist Award</i> Wyeth-Ayerst / American Psychological Association
1997	<i>Young Scientist Travel Award</i> NIH/NIDA, College on Problems of Drug Dependence
1995	<i>Outstanding Dissertation Research Paper</i> Association for Behavior Analysis: EAHB
1991	<i>Phi Kappa Phi Honor Society</i>

GRANT REVIEW SERVICE

2021	NIH study section: ZRD1 NURA-J, Neurobiology of Addiction
2021	NIH KL2 review: UTHCS-Houston Clinical and Translational Science Award
2020	NIH study section: ZRG1 BBBP-T, Biobehavioral and Behavioral Processes
2020	NIH study section: RPHB, Risk, Prevention and Health Behavior
2020	NIH study section: ZDA1-GXM-A, NIDA Treatment Clinical Trials Network
2019	NIH study section: Integrative, Functional, and Cognitive Neuroscience
2019	DoD : Pharmacotherapies for Alcohol and Substance Use Disorders Consortium for Congressionally Directed Medical Research Programs
2018	NSF : Developmental Neurosciences Program
2018	DoD : Pharmacotherapies for Alcohol and Substance Use Disorders Consortium for Congressionally Directed Medical Research Programs US Department of Veterans Affairs (http://cdmrp.army.mil/)
2017	NIH study section: ZDA1 SXT-P, Cutting-Edge Basic Research Awards (CEBRA)

2017	NIH study section: ZRG1 RPHB, Risk, Prevention and Health Behavior
2017	DoD : 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	DoD : 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	NIH KL2 review: UTHCS-Houston Clinical and Translational Science Award
2013	NIH RFA review, NIDA-13-007: Identifying Health Outcomes Associated with Changes in Use of Illicit Drugs
2012	NIH KL2 review: UTHCS-Houston Clinical and Translational Science Award
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 Section K: Training and Fellowship Committee
2007	Netherlands Organization for Health Research and Development : High Risk Behavior and Dependency Section
2007	US-Israel Bi-national Science Foundation : Cognitive and Decision Sciences
2006	NIH NIDA: Section K: Training and Fellowship Committee
2005	NIH NIMH: Neuroscience and Basic Behavioral Science
2004	NIH NIMH: Neuroscience and Basic Behavioral Science

EDITORIAL SERVICE

2019	Guest Editor, <i>Frontiers in Psychiatry: Addiction & Neuroscience</i>
2018–	Associate Editor, <i>Behavioral Sciences</i>
2018–	Editorial Board, <i>BMJ: General Psychiatry</i>
2010–2017	Editorial Board, <i>Behavioral Sciences</i>
2008–2011	Editorial Board, <i>The Open Neuropsychopharmacology Journal</i>
2003–2005	Editorial Board, <i>Addictive Disorders and Their Treatments</i>

2002–2005 | Editorial Board, *Journal of the Experimental Analysis of Behavior*
 2001–2004 | Editorial Board, *Experimental Analysis of Human Behavior Bulletin*

Ad-hoc Reviewer: *Addiction; Addictive Behaviors; Addiction Biology; Aggression & Violent Behavior; Aggressive Behavior; Alcoholism: Experimental and Clinical Research; American Journal on Drug and Alcohol Abuse; American Journal of Preventative Medicine; Behavioral Neurology; Behavioural Pharmacology; Behavioural Processes; Behavioral Sciences; Behavior Research & Therapy; Biological Psychiatry; Biological Psychiatry: Cognitive Neuroscience and Neuroimaging; Biological Psychology; Biology of Sex Differences; BMC Medicine; BMJ: General Psychiatry; 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 Clinical Psychiatry; Journal of Dual Diagnosis; 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 Psychiatry and Neuroscience; Journal of Psychopharmacology; Journal of Studies on Alcohol and Drugs; Nature Scientific Reports; Neuroimage; Neuropsychopharmacology; Neuroscience Letters; Pharmacology Biochemistry and Behavior; Philosophical Transactions of the Royal Society: London; PLoS One; Psychology of Addictive Behaviors; Psychoneuroendocrinology; Psychopharmacology; The Psychological Record*

SERVICE: UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER

2021– . Psychiatry & Behavioral Sciences Psychology Internship Committee
 2021– . Psychiatry & Behavioral Sciences Compliance Committee
 2020– . Neuroscience Qualifying Exam Committee, Graduate School of Biomedical Sciences
 2018–2020 McGovern Medical School Strategic Planning Committee for Research 2020-2025
 2018– . Neuroscience Steering Committee, Graduate School of Biomedical Sciences
 2016– . Psychiatry & Behavioral Sciences Faculty Recruitment Committee
 2014– . Psychiatry & Behavioral Sciences Faculty Tenure and Promotions Committee
 2013– . Psychiatry & Behavioral Sciences Executive Committee
 2008– . Psychiatry & Behavioral Sciences Research Planning Committee
 2020 UTHHealth Task Force on Research Response to COVID-19
 2017–2019 Executive Committee, Graduate School of Biomedical Sciences
 2017–2018 Chair, Academic Standards Committee, Graduate School of Biomedical Sciences
 2017–2018 Neuroscience Curriculum Committee, Graduate School of Biomedical Sciences
 2014–2018 Chair, Space Committee, Department of Psychiatry & Behavioral Sciences
 2015–2017 Academic Standards Committee, Graduate School of Biomedical Sciences
 2017 Supervising Mentor, UTHHealth New Investigator Development Program (I. Bauer)

2015	Supervising Mentor, UTHealth New Investigator Development Program (C. Zeni)
2015	Panel, Public Forum: The Brain on Drugs UTHealth Neuroscience Research Center
2011–2015	Saltzberg Summer Research Fellowship Coordinator, MS1 research training program
2008–2015	Committee for the Protection of Human Subjects (IRB), UTHSC-Houston
2001–2012	Psychiatry Lecture Series and Pharmaceutical Support Committee
2005–2007	Chair, Space Committee, Department of Psychiatry & Behavioral Sciences
2007–2010	Academic Council, Department of Psychiatry & Behavioral Sciences
2001–2006	Faculty Interviewer, Medical School Admissions Board

SERVICE: SCIENTIFIC COMMUNITY

2020–2021	Texas Research-to-Policy Collaboration Project (UT System Schools of Public Health): matched network member for legislators Carol Alvarado, William 'Four' Price, and Senfronia Thompson
2020–2023	Data Safety and Monitoring Board: 'Dual-Orexin Antagonism as a Mechanism for Improving Sleep and Drug Abstinence in Opioid Use Disorder' (M. Greenwald, PI)
2019	UTHealth Junior Faculty Boot Camp (Speaker): <i>The road more travelled: Mistakes, opportunities, serendipity, and survival</i>
2019–2020	Gulf Coast Consortium Steering Committee: Translational Science Cluster in Mental Health Research
2018–2021	Finance Committee: College on Problems of Drug Dependence
2016–2018	Gulf Coast Consortium Steering Committee: Translational Science Cluster, Addiction
2014–	<i>Med-Pathway: Advanced Practice for the New MCAT.</i> (S-Corp). Co-creator and Vice-President. MCAT prep materials (print book, online tests and statistics)
2019	Out In Front: UTHealth Online Magazine (Consulting Scientist) <i>Brain Health. Addressing a growing crisis merging biological and cognitive science to tackle addiction</i>
2017–2018	Advisory Panel: Alcohol and Substance Abuse Disorders Research Program (ASADRP) US Department of Defense; Congressionally Directed Medical Research Programs
2016–2017	Faculty External Search Committee: UT MD Anderson Cancer Center Department of Behavioral Science (Paul M. Cinciripini, Chair)
2015–2017	Data Safety and Monitoring Board: 'Non-Invasive Direct Current Stimulation for Cognition in Schizophrenia.' UTHealth McGovern Medical School (R. Cho, PI)
2015	Health Leader Online Magazine (Consulting Scientist) <i>Artificial high: Synthetic drugs are anything but safe</i>
2015	UTHealth Addiction Expert: Fox Chanel 26 News, Brain Awareness Week
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	Addiction Expert: National Geographic BBC program, <i>Drugged: High on Cocaine</i>

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)
2003–2005	Program Chair: American Psychological Association Annual Convention, Division 28 (Psychopharmacology and Substance Abuse)

TEACHING

2020	Research Ethics, UTHealth Psychiatry & Behavioral Science Residency Program
2020	Statistical Methods and Guidelines, UTHealth Psychiatry & Behavioral Science Residency Program
2020	Mesocorticolimbic Circuits Modulating Reward Behavior, UTHSC Graduate School of Biomedical Sciences (Neurocircuits and Behavior Course)
2014–2020	Research Ethics, Principles and Practice, UTHSC Psychology Internship Lecture Series
2010–2019	Drugs and Cognition: Psychopharmacology, UTHSC Graduate School of Biomedical Sciences (Cognitive Neuroscience Course)
2017	Neurobiology of Disease: Opioids, Neurobiological and Clinical Perspectives, UTHSC Graduate School of Biomedical Science
2012–2017	Addiction Lecture Series: Sedatives, Hallucinogens, Cannabinoids, UTHSC Medical School Behavioral Sciences Block, MS 2
2014–2016	Principals of Design and Data Analysis, UTHealth Psychiatry PGY1 and PGY2 Resident Didactics
2012–2016	Behavioral Science Interviewing (preceptor), 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 and II, UTHSC Department of Psychiatry PGY1 and PGY2 Resident Didactics
2006	Neurobiology of Disease: Behavioral Neuroscience of Addiction, UTHSC Graduate School of Biomedical Science
2005–2006	Psychopharmacology, UTHSC 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

MENTORING

Junior Faculty

2021–2022	Lokesh Shahani, M.D. UTHealth Department of Psychiatry & Behavioral Sciences Ph.D. Co-Mentor, Dissertation Committee, University of Texas-Houston School of Public Health: <i>Predictors of lengths of stay and suicidality related to psychiatric hospitalization in the geriatric patient population.</i>
2021–2022	Jin H. Yoon, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences McGovern Medical School Pilot Grant: <i>Relationship between opioid demand metrics and pain-related outcomes.</i>
2019–2021	Gabriel Fries, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences K12 awardee: <i>Association between stress reactivity and DNA methylation in patients with bipolar disorder</i> K01 awardee: <i>Stress reactivity and DNA methylation in patients with bipolar disorder</i>
2019–2021	Robert Suchting, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences UTHealth Psychiatry & Behavioral Sciences Seed Grant: <i>Suvorexant treatment to reduce relapse risk symptoms during cigarette smoking withdrawal: a double-blind, placebo-controlled study</i>
2019	Emily H. Wu, M.D. UTHealth Department of Psychiatry & Behavioral Sciences Alkermes Pathways Research Program: <i>Relationships among cannabis use trajectories and psychosis in an acute inpatient mental setting</i>
2017–2018	Jin H. Yoon, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences UTHealth Psychiatry & Behavioral Sciences Seed Grant: <i>Targeting alcohol use & stress reactivity with pioglitazone</i>
2017–2018	Isabelle Bauer, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences K01 application: <i>Neural and cognitive correlates of impulsivity in bipolar disorder and comorbid alcohol use disorder</i>
2015	Benson M. Irungu, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences KL2 application: <i>Individualized bio-behavioral markers of vulnerability and disease progression in bipolar disorders</i>
2015-2017	Margaret Wardle, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences K08 awardee (2016-2021): <i>Targeting anhedonia in cocaine use disorder</i>
2014	Ola O. Okusaga, M.D. UTHealth Department of Psychiatry & Behavioral Sciences K23 application: <i>Peripheral inflammation and inhibitory control in psychosis</i>
2013-2015	Anka Vujanovic, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences KL2 awardee: <i>Randomized controlled trial of a novel cognitive-behavioral treatment for PTSD and cocaine dependence</i>

2011–2012 | Kirti Saxena, M.D. UTHealth Department of Psychiatry & Behavioral Sciences
K23 application: *Neural and laboratory markers of impulsive aggression in bipolar adolescents*

Postdoctoral Fellows

2018– . | Heather Webber, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences
K01 application: *Targeting physiological markers of reward functioning with transcranial magnetic stimulation in cocaine use disorder*
NIH/NSRA F32 awardee: *Developing adaptive interventions for cocaine cessation and relapse prevention.*
UTHealth Psychiatry & Behavioral Sciences Seed Grant: *Effects of cocaine abstinence on EEG gamma in response to neutral and cocaine cues*

2017–2018 | Yong Cui, Ph.D. MD Anderson Department of Behavioral Sciences.
K01 application: *Evaluating the feasibility of a dual inhibitory control training-based mobile intervention for smoking*

2016 | Gabriel Fries, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences
K99/K00 application: *Association between stress reactivity and DNA methylation in patients with bipolar disorder*

2016 | Yong Cui, Ph.D. MD Anderson Department of Behavioral Sciences
K99/K00 application: *A dual inhibitory control training-based adjunct intervention for smoking*

2015 | Isabelle Bauer, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences
K01 application: *Cognitive, neural and physiological basis of affective biases in mood spectrum disorders*

2008–2012 | Shijing Liu, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences
MD Anderson Cancer Center Behavioral Sciences Fellowship, 2012-2013

2007–2008 | Delphine Psychoyos, Ph.D., Texas A&M Health Science Center
NIH/NSRA F32 awardee: *Teratogenic effects of marijuana in developing CNS*

2004–2006 | Lori M. Lieving, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences
Currently Faculty, Director of Research Programs, Carolinas College of Health Sciences
NIH/NSRA F32 awardee: *Impulsivity and time estimation in substance abusers*

2001-2003 | Cynthia J. Pietras, Ph.D. UTHealth Department of Psychiatry & Behavioral Sciences
Currently Associate Professor, Western Michigan University

Residents

2019-2020	<p>Tina Thomas, MBBS, MRCPsych, (Co-Mentor, Research Track) Resident research paper winner, Journal of Psychiatric Practice, 2019-2020 <i>Race, history of abuse, and homelessness are associated with forced medication administration during psychiatric inpatient care</i> American Psychiatric Association Foundation (APA) Foundation Grant, 2020-2021 <i>Feasibility study of using mobile phone technology to survey COVID-19 exposure, knowledge, attitudes and prevention practices, mental health and access to care in people with serious mental illness (SMI) experiencing homelessness</i></p>
2018-2020	<p>Shweta Kapoor, M.D. (Co-Mentor, Research Track) American Psychiatric Association Research Colloquium Awardee, 2019 <i>Opioid misuse risk assessment in patients undergoing surgery following traumatic injury</i></p>
2016-2019	<p>Sabrina Correa Da Costa, M.D. (Primary Mentor, Research Track) Addiction Fellowship, Yale Medical School, 2019-20 Laughlin Fellow of The American College of Psychiatrists, 2018-19 Junior Investigator Research Colloquium, American Psychiatric Association, 2017 Outstanding Resident Excellence in Research Award, UTHealth, 2017 American College of Neuropsychopharmacology Research Colloquium Awardee, 2017 American Academy of Addiction Psychiatry Resident Travel Scholarship, 2017 MIRECC Training Residents in Psychiatry Scholarship (TRIPS) Program, 2016 <i>The impact of substance use disorders and cognitive functioning late in life</i></p>
2015-2016	<p>Ajay Parsaik, M.D. (Primary Mentor, Research Track) Area 5 APA resident poster competition 1st place, 2017 Mental Health Congress resident poster award 1st place, 2016 MIRECC Training Residents in Psychiatry Scholarship (TRIPS) Program, 2016: <i>Substance use disorders in psychiatric inpatients reporting childhood trauma</i></p>
2013-2015	<p>Samet Kose, M.D., Ph.D. (Primary Mentor, Research Track) Janssen Resident Psychiatric Research Scholar, 2014 APA Young Investigator Award, 2014: <i>Neural correlates of impulsive aggressive behavior in subjects with a history of alcohol dependence</i></p>
2013-2014	<p>Nilesh S. Tannu, M.D. (Mentor, Research Track) Society for Biological Psychiatry Travel Award Winner, 2014: <i>Proteomic analyses for evaluation of PPAR-gamma agonist treatment for cocaine dependence</i> Janssen Resident Psychiatric Research Scholar, 2013</p>

Graduate Students

- 2018– . Kyla Gibney, MD Anderson UTHealth Graduate School of Biomedical Sciences
Dissertation Committee Member
Gigli Family Endowed Scholarship Awardee
Drug Abuse Research Training (DART) Summer Fellowship: Medical University of South Carolina
NIH F31 awardee (co-Mentor): *Resisting food temptation: How do affective and cognitive brain systems interact?*
- 2018-2019 Charlotte Beard, UTHealth Clinical Psychology Internship Program
White matter integrity in stimulant use disorders: A meta-analysis of diffusion tensor imaging studies.
A meta-analysis of tract-based spatial statistics studies examining white matter integrity in cocaine use disorder.
- 2016–2019 Jonika Tannous, MD Anderson UTHealth Graduate School of Biomedical Sciences
Examining Committee and Dissertation Committee Member
Roberta M. and Jean M. Worsham Endowed Scholarship winner, 2018
Trajectories and clusters- An examination of white matter and cognition in children and adolescents with bipolar disorder
GSBS rotation research project: *Relationships among anti-saccade errors and white matter integrity in subjects with cocaine and alcohol use disorders*
Data Scientist: Centers for Disease Control - Houston
Data Scientist: Houston Methodist Hospital, Neurology and Neuroscience
- 2016–2019 Andrea Dimet, University of Texas Medical Branch Integrated Neuroscience Program
Dissertation committee: *Integrative biochemistry, omics, and bioinformatics to elucidate mechanisms underlying cocaine cue reactivity*
- 2015–2019 Christopher Walker, MD Anderson UTHealth Graduate School of Biomedical Sciences
Examining Committee and Dissertation Committee Member: *Gamma frequency oscillations in adolescent cortical and working memory development: examination using combined TMS and EEG*
- 2011–2014 Nadeeka Dias, Ph.D., MD Anderson UTHealth Graduate School of Biomedical Sciences
Frances Adoue Lynch Addiction Research Award, 2012
Primm-Singleton Award – College on Problems of Drug Dependence, 2013
National Eye Institute (NIH) Young Investigators Fellowship – Gordon Research Conference, 2013
Robert W. and P. Wallis Knox Charitable Foundation Scholarship Award, 2014
Post-doctoral fellow, Harvard Medical School / McLean Hospital (S.E. Lukas, 2014-16)
Primary Mentor and Dissertation Advisor: *Eyetracking measures of attentional bias in cocaine-dependent subjects*
- 2011–2014 Nuwan Rathnayaka, MPH. UTHSC School of Public Health
Graduate Research Assistant & Ph.D. student, University of North Carolina, Biostatistics (2014–2019)
Masters in Public Health Advisory Committee

2009–2014	Joseph Alcorn, Ph.D. MD Anderson UTHealth Graduate School of Biomedical Sciences Dee S. and Patricia Osborne Endowed Scholarship, 2014 2012 Roberta M. and Jean M. Worsham Endowed Scholarship winner, 2012 2012 Primm-Singleton Award – College on Problems of Drug Dependence, 2012 Post-doctoral fellow and Research Associate, University of Kentucky Medical School (C.R. Rush, 2015–2019) Primary Mentor and Dissertation Advisor: <i>Effects of oxytocin on human aggression</i>
2008–2011	Lorena Maili, M.S. MD Anderson UTHealth Graduate School of Biomedical Sciences Masters in Biological Sciences Advisory Committee Roberta M. and Jean M. Worsham Endowed Scholarship winner, 2010
2006–2011	Joshua Gowin, Ph.D. MD Anderson UTHealth Graduate School of Biomedical Sciences Post-doctoral fellow, UC San Diego (M.P. Paulus, 2012–2013) Research Fellow, NIAAA (V. Ramchandani, 2014–18) Assistant Professor, University of Colorado School of Medicine (2018–present) Primary Mentor and Dissertation Advisor: <i>The role of cortisol in the cycle of violence</i>
2002–2006	Sylvain Nouvion, Ph.D. MD Anderson UTHealth Graduate School Biomedical Sciences NIH/NSRA F31 application: <i>Human reactive and proactive aggression</i> Post-doctoral fellow, Wake Forest University, (2007-2008, D.M. Dougherty) Chair for GSBS Examining Committee, Doctoral Advisory Committee: <i>Proactive aggression: A two part study</i>

Medical Students

2019–	Emily Mendez, UTHealth McGovern Medical School Co-Mentor, MD/PhD program, dissertation research component NIH Diversity in Vision Research and Ophthalmology Summer Internship Program CTSA TL1 award: <i>In vivo and in vitro mechanisms in substance use disorder toxicity</i> NIH F30 application: <i>Molecular signatures of cocaine-induced neurotoxicity in human brain models</i>
2019–2020	Christopher Gurguis, UTHealth McGovern Medical School <i>Risk factors for metabolic and cardiovascular disease in inpatients with severe mental illness</i>
2018–2019	Amber Berumen, UTHealth McGovern Medical School, Saltzberg Research Fellow <i>Elevated neutrophil to lymphocyte ratio (NLR) in cocaine use disorder (CUD) as a marker of chronic inflammation and accelerated aging</i>
2018–	Kira Gomez, UTHealth McGovern Medical School, Saltzberg Research Fellow <i>Trauma, inflammation, and anhedonia in cocaine use disorder</i> Co-mentor: UTHealth McGovern Medical School scholarly concentration in Neuroscience
2013	Genevieve Holmes, M.D. UTHealth McGovern Medical School, Saltzberg Research Fellow, <i>Saccadic eye movement reaction times support attentional bias towards cocaine cues in cocaine dependent subjects</i>

2011	Courtney Olsen, M.D., Ph.D. UTHealth McGovern Medical School, Saltzberg Research Fellow, <i>Neural correlates and effects of A2A antagonist SYN115 on attention / response inhibition in cocaine dependent subjects</i>
2007	Kelley Babcock, M.D. UTHealth McGovern Medical School, Summer Research Program
2007	Charles Lewis, M.D. UTHealth McGovern Medical School, Summer Research Program
2006	Katherine Nelson, M.D. UTHealth McGovern Medical School, Summer Research Program

COLLABORATIVE SCIENTIFIC VENTURES

2021–	UTHealth McGovern Medical School, Dept. of Neurology (A.Z. Sharrief, S.I Savitz) Risk factors and outcomes in cocaine-related stroke
2019–2020	Perkins & Will (E. Edelstein) Environmental factors influencing agitation, sleep, and adverse events in mental and behavioral health settings
2014–2018	University of Texas Medical Branch–Galveston (K.A. Cunningham, K.T. Dineley) Role of PPAR-gamma and brain circuit alterations in cocaine abuse
2012-2017	Mount Sinai School of Medicine (N. Klein, G. Gan) Genes, brain, and behavior in human aggression
2013-2015	Virginia Commonwealth University (F.G. Moeller, J.L. Steinberg) Impulsivity and trauma in substance use disorders
2009-2013	Duke University (S.H. Kollins, F.J. McClernon) 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

GRANT SUPPORT

Current

2021–2023	<i>Assessment of pioglitazone to address stress reactivity and Alcohol Use Disorder</i> Co-Investigator (PI, J.H. Yoon) NIH/NIAAA R21 AA 027273 \$138,000 direct / year
2020–2024	<i>Efficacy of pioglitazone as a relapse prevention medication for cocaine addiction</i> Principal Investigator (Co-PI, J.M. Schmitz) NIH/NIDA R01 DA 048026 \$449,000 direct / year
2019–2021	<i>In vitro and in vivo evidence of neurotoxicity in substance abuse</i> Principal Investigator (Co-PI, C. Walss-Bass), The McManus Charitable Trust \$50,000
2019–2024	<i>Non-medical opioid use core</i> Co-Investigator, CTSA sub-award Parent Grant: Clinical and Translational Science Award: CTSA/CCTS (D.D. McPherson and D. Karp, PIs) NIH NCATS UL1 TR003167 \$5,636,426 / year
2019–2021	<i>Effects of cocaine abstinence on EEG gamma/theta power in response to neutral and cocaine cues</i> Co-Investigator and Mentor (H. Soder, PI) UTHealth Psychiatry & Behavioral Sciences Seed Grant \$20,000
2019–2021	<i>Suvorexant treatment to reduce relapse risk symptoms during cigarette smoking withdrawal: a double-blind, placebo-controlled study</i> Co-Investigator and Mentor (R. Suchting, PI) UTHealth Psychiatry & Behavioral Sciences Seed Grant \$20,000
2015–	<i>Center for outcome study and program evaluation in mental health</i> Principle Investigator, UT System Institutional Endowment \$1,548,000 (\approx \$75,000 annual)

Pending

2021	<i>A randomized controlled trial of exenatide as an adjunct to dual NRT for smoking cessation and prevention of post-cessation weight gain</i> Co-Investigator (PI, L. Yammine) NIH/NIDA R01
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Past

2016–2017	<i>Role of the orexin receptor system at the nexus of stress, sleep and drug abuse</i> Principal Investigator, The McManus Charitable Trust \$50,000
2016–2018	<i>McGovern Research Scholar Endowment</i> Principal Investigator, UTHealth \$100,000
2013–2016	<i>Bupirone, stress, and attentional bias to marijuana cues</i> Principle Investigator, NIH/NIDA R21 DA 034825 \$150,000 / year
2013–2016	<i>Cognitive-enhancing DA medications for cocaine dependence</i> Principle Investigator (Co-PI, J.M. Schmitz), NIH/NIDA R01 DA 030787 \$300,000 / year
2010–2016	<i>Psychopharmacology of novel medications for cocaine dependence</i> Principle Investigator, NIH/NIDA Project P50 DA 009262 (J.M. Schmitz, P50 PI) \$120,000 / year
2010–2016	<i>Substance abuse research: Medications development center</i> Co-Investigator, NIH/NIDA P50 DA 009262 \$1,386,640 / year
2011–2013	<i>Novel biomarkers and therapeutics in addictions and impulse control disorders</i> Co-Investigator (PI: K.A. Cunningham), CRR/NIH 1UL1RR029876 \$150,000 / year
2008–2013	<i>Neural correlates of alcohol effects on aggressive behavior</i> Principal Investigator, NIH/NIAAA R01 AA 016965 \$200,000 / year
2011–2012	<i>Impact of minocycline on cognitive symptoms in early-course schizophrenia</i> Co-Investigator (PI, M. Shad), Stanley Medical Research Institute \$287,200 / year
2007–2012	<i>Contingency management plus levodopa/carbidopa for treatment of cocaine dependence</i> Co-Investigator (PI, J.M. Schmitz), NIH/NIDA R01 DA 023608 \$250,000 / year
2006–2012	<i>Drugs of abuse and aggressive behavior</i> Principal Investigator, NIH/NIDA R01 DA 003166 \$175,000 / year
2007–2009	<i>Adenosine receptor antagonists in cocaine dependence: caffeine and paraxanthine</i> Principal Investigator, NIH/NIDA Project P50 DA 009262 (F.G. Moeller, P50 PI) \$150,000 / year
2007–2009	<i>PharmacMRI, impulse control, and cue reactivity in cocaine dependence</i> Co-Investigator, sub-award NIH/NIDA P50 DA 019197 (T.R. Kosten, P50 PI) \$150,000 / year
2005–2007	<i>Effects of chronic administration of atomoxetine (Strattera) on aggressive and impulsive behavior of adult human volunteers with a history of conduct disorder</i> Principal Investigator, Lilly Research Laboratories, Eli Lilly Co. \$67,605 / year

2002–2007	<i>Mechanisms in risk taking: Disinhibitory drugs of abuse</i> Principal Investigator, NIH/NIDA R01 DA 015392 \$125,000 / year
2000–2006	<i>Marijuana effects on basic behavioral mechanisms</i> Principal Investigator, NIH/NIDA R01 DA 012968 \$125,000 / year
1998–2003	<i>Altering behavioral risk for drug dependence</i> Co-Investigator (PI: D.R. Cherek), NIH/NIDA R01 DA 010552 \$138,796 / year
1997–2002	<i>Behavioral mechanisms in high risk populations</i> Co-Investigator (PI: D.R. Cherek), NIH/NIDA R01 DA 010592 \$104,750 / year
1997–1998	<i>Effects of marijuana on maladaptive behavior patterns</i> Principal Investigator, NIH/NIDA F32 DA 005774 \$50,000 / year

PUBLICATIONS

Metrics	H-Index = 46
	M-index = 1.84
	Google Scholar i10 index = 119
	N = 167

Peer Reviewed Original Journal Publications

- De Dios, C., Suchting, R., Soder, H. E., Yoon, J. H., Yammine, L., Vincent, J., Weaver, M. F., Stotts, A. L., Schmitz, J. M., and Lane, S. D. (2021). Speed-accuracy trade-off during anti-saccade testing differentiates patients with cocaine use disorder who achieve initial treatment abstinence. *Journal of Psychopharmacology* : in press. DOI: [10.1177/0269881121991566](https://doi.org/10.1177/0269881121991566).
- Hoots, J. K., Webber, H. E., Nunez, C., Cooper, J. A., Lopez-Gamundi, P., Lawlor, V. M., Lane, S. D., Treadway, M. T., and Wardle, M. C. (2021). Acute drug effects differentially predict desire to take dextroamphetamine again for work and recreation. *Psychopharmacology*: in press. DOI: [10.1007/s00213-021-05897-6](https://doi.org/10.1007/s00213-021-05897-6).
- Lavagnino, L., Gurguis, C., and Lane, S. D. (2021). Risk factors for metabolic and cardiovascular disease in inpatients with severe mental illness. *Psychiatry Research*: 304, 114148. DOI: [10.1016/j.psychres.2021.114148](https://doi.org/10.1016/j.psychres.2021.114148).
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- Schmitz, J. M., Suchting, R., Green, C. E., Webber, H. E., Vincent, J., Moeller, F. G., and Lane, S. D. (2021b). Effects of combination levodopa-ropinirole on cognitive improvement and treatment outcome in individuals with cocaine use disorder: A Bayesian mediation analysis. *Drug and Alcohol Dependence*: 225, 108800. DOI: <https://doi.org/10.1016/j.drugalcdep.2021.108800>.
- Shahani, L. R., Lane, S. D., and Soares, J. C. (2021). COVID-19 vaccine hesitancy in the inpatient psychiatric setting. *Psychiatric Services*: in press.
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- Suchting, R., Beard, C. L., Schmitz, J. M., Soder, H. E., Yoon, J. H., Hasan, K. M., Narayana, P. A., and Lane, S. D. (2021a). A meta-analysis of tract-based spatial statistics studies examining white matter integrity in cocaine use disorder. *Addiction Biology* 26, e12902. DOI: [10.1111/adb.12902](https://doi.org/10.1111/adb.12902).
- Suchting, R., Green, C. E., Dios, C. de, Vincent, J., Moeller, F. G., Lane, S. D., and Schmitz, J. E. (2021b). Citalopram for treatment of cocaine use disorder: A Bayesian drop-the-loser randomized clinical trial. *Drug and Alcohol Dependence*: 228, 109054. DOI: [10.1016/j.drugalcdep.2021.109054](https://doi.org/10.1016/j.drugalcdep.2021.109054).
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Book Chapters

- Schmitz, J. M., Wardle, M. C., Weaver, M. C., Heads, A. M., Yoon, J. H., and Lane, S. D. (2019). *Pharmacological treatment of psychostimulant disorders*. In: *APA Handbook of Psychopharmacology*. Ed. by S. M. Evans and K. M. Carpenter. Washington, DC: American Psychological Association Press.
- Salem, H., Lane, S. D., and Teixeira, A. L. (2018). *Immunology of substance use disorders*. In: *Immunopsychiatry: A Clinician's Introduction to the Immune Basis of Mental Disorders*. Ed. by M. E. Bauer and A. L. Teixeira. Oxford, UK: Oxford University Press.
- Wardle, M. C., Yoon, J. H., Vujanovic, A. A., Weaver, M. F., Lane, S. D., and Schmitz, J. M. (2016). *Behavioral mechanisms in addiction*. In: *Neurobiology of Addictions*. Ed. by M. L. A. C. Swann F. G. Moeller. Oxford, UK: Oxford University Press.
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- Cherek, D. R. and Lane, S. D. (2001b). *Effects of 5-HT and GABA agents on aggressive responding of adult males with a history of childhood conduct disorder*. In: *Prevention and Control of Aggression and the Impact on Victims*. Ed. by M. Martinez. New York, NY: Kluwer Academic/Plenum.
- Lane, S. D. and Cherek, D. R. (2000a). *Biological and behavioral investigation of aggression and impulsivity*. In: *The Science Treatment and Prevention of Antisocial Behavior: Applications to the Criminal Justice System*. Ed. by D. H. Fishbein. Kingston, NJ: Civic Research Institute.

Invited Presentations

- Lane, S. D. (2021). *New Directions in Pharmacotherapy for Psychostimulant Use Disorder*. Atrium Behavioral Health, Carolinas Medical Center, virtual: March, 2021.
- Lane, S. D. (2020b). *The Orexin System at the Interface of Sleep and Stimulant Use Disorders*. Insomnia, Substance Use Disorders, and Alcohol Use Disorder Forum, Merck & Co., virtual: December, 2020.
- Lane, S. D. (2019). *Reducing the Allostatic Load Burden of Stimulant Use Disorder: Relapse Prevention Approaches*. Merck & Co., Inc., West Point, PA. September, 2019.
- Lane, S. D. (2018a). *Biobehavioral Indicators of Stress and Allostatic Load in Substance Use Disorders*. Institute of Psychology, Chinese National Academy of Sciences, Beijing, China. September, 2018.
- Lane, S. D. (2018b). *The Role Of Orexin Receptor System in Psychostimulant Use Disorder: Stress, Sleep and Drug Cue Reactivity*. Annual Meeting of the Chinese Psychiatric Association. Shenyang, China. September, 2018.
- Lane, S. D. (2017). *Drugs of Abuse, Stress, and Neurotoxicity*. SEARCH Homeless Service Organization, Houston, TX. March, 2017.
- Lane, S. D. (2016). *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. (2015). *Stress, Neurotoxicity, and Cocaine*. University of Texas Medical Branch. Galveston, TX. November, 2015.
- Lane, S. D. (2014). *Attentional Bias to Drug Cues: Role in Substance Abuse and Relapse*. University of Kentucky Medical School. Lexington, KY: April, 2014.
- Lane, S. D. (2013a). *Cue Reactivity and Attentional Bias in Substance Use Disorders*. Duke University Medical School. Durham, NC: January 2013.
- Lane, S. D. (2013b). *The Role of Cue Reactivity and Attentional Bias in Addiction*. UTHealth Psychiatry Update. Houston, TX: February, 2013.
- Lane, S. D. (2012). *Neuropsychiatry of Impulsivity and Aggression in Drug-Dependent Humans*. Meeting of the Society for Social Neuroscience. New Orleans, LA: October, 2012.
- Lane, S. D. (2011). *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. (2010a). *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. (2010b). *Human Decision Making: Neurobiology of Acute and Chronic Effects of Abused Drugs*. Texas A&M University, College Station, TX: October, 2010.
- Lane, S. D. (2008a). *Human Aggression: Psychiatry, Psychopathology, and Psychopharmacology*. Carolina College of Health Sciences / Carolina Health Systems. Charlotte, NC: April 2008.
- Lane, S. D. (2008b). *Human Aggression: Psychiatry, Psychopharmacology, and Neuroscience*. Duke University Medical School. Durham, NC: April 2008.
- Lane, S. D. (2007a). *A Blunt Report: Marijuana Effects on Human Behavioral Processes*. Southeast Association for Behavior Analysis. Athens, GA: October, 2007.
- Lane, S. D. (2007b). *Factors Influencing Risky Decision Making in Humans*. Fellows address, APA annual convention. San Francisco, CA: August, 2007.
- Lane, S. D. (2006). *Biobehavioral Mechanisms in Risky and Social Decision Processes*. University of Arkansas Medical School. Little Rock, AR: February, 2006.
- Lane, S. D. (2005). *GABAergic Modulation of Risky/Impulsive Decision Making*. Meeting of the International Society for Research on Impulsivity. Washington, DC: November, 2005.
- Lane, S. D. (2004a). *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. (2004b). *Some Effects of Marijuana on Basic Behavioral Processes in Humans*. CUNY / Queens College. New York, NY: December, 2004.
- Lane, S. D. (2002a). *Human Risk Taking: Psychopathology and Psychopharmacology*. University of Colorado Health Science Center. Denver, CO: August, 2002.
- Lane, S. D. (2002b). *Psychopharmacology and Maladaptive Behavior*. Distinguished Alumni Presentation, Auburn University Research Symposium. Auburn, AL: November, 2002.
- Lane, S. D. (2001). *Human Risk Taking: Effects of Behavioral History and Disinhibitory Drugs of Abuse*. Wyeth-Ayerst Young Psychopharmacologist Award Presentation. San Francisco, CA: August, 2001.

General Conference Presentations

- Schmitz, J.M., Green, C.E., Suchting, R., de Dios, C., Vincent, J.N., Lane, S.D., Moeller, F.G. Citalopram for treatment of cocaine use disorder: A Bayesian drop-the-loser randomized clinical trial. College on Problems of Drug Dependence. Virtual: 2021.
- Cohen, A., Jeong, J., Hinojosa, E., Schmitz, J.M., Spellman, M., Lane, S.D., Stotts, A.M., Walss-Bass, C., de Dios, C., Savitz, S.I., Sharrief, A. Assessing illicit drug use in the follow-up care of stroke survivors. College on Problems of Drug Dependence. Virtual: 2021.
- Webber, H.E., Kessler, D., Lathan, E., Wardel, M.C., Green, C.E., Schmitz, J.M., Lane, S.D., Versace, F., Vujanovic, A.A. Post-Traumatic Stress Disorder symptom clusters are differentially associated with brain reactivity to cocaine cues. College on Problems of Drug Dependence. Virtual: 2021.

Hoots, J., Yoon, J.H., Lane, S.D., Schmitz, J.M., Wardle, M.C. Now or later? Depression, anhedonia, and decision-making in cocaine use disorder. College on Problems of Drug Dependence. Virtual: 2021.

Suchting, R., Green, C.E., Soder, H.E., Vincent, J.N., Moeller, F.G., Lane, S.D., Schmitz, J.M. Combining dopamine agents to enhance cognition and reduce cocaine use: A randomized clinical trial of levodopa and ropinirole. College on Problems of Drug Dependence. Hollywood, FL: 2020.

Smith, L. J., Green, C., Lane, S. D., Schmitz, J. M. Vujanovic, A. A. (2020, June). Sleep disturbance as a predictor of cognitive-behavioral therapy outcomes in inner-city adults with posttraumatic stress and substance use disorders. College on Problems of Drug Dependence Meeting, Hollywood, FL: 2020

Wardle, M.C., Soder, H.E., Lopez-Gamundi, P., Cooper, J.A., Lane, S.D., Treadway, M.T. Effects of amphetamine on motivation for reward in human "Workers" vs. "Slackers". American College of Neuropsychopharmacology. Orlando, FL: December, 2019.

Suchting, R., Yoon, J.H., San Miguel, G., Vincent, J.N., Wardle, M.C., Heads, A.M., Weaver, M.F., Green, C.E., Schmitz, J.M., Lane, S.D. The orexin system in the attenuation of relapse-related mechanisms in cocaine use disorder. College on Problems of Drug Dependence. San Antonio, TX: June, 2019.

Soder, H.E., Schmitz, J.M., Green, C.E., Versace, F., Lane, S.D. The late positive potential (LPP) as a marker of motivated attention in cocaine use disorder (CUD). College on Problems of Drug Dependence. San Antonio, TX: June, 2019.

Berumen, A., Gomez, K., Wardle, M.C., Suchting, R., Soder, H.E., Vincent, J.N., Yoon, J.H., Heads, A.M., Weaver, M.F., Green, C.E., Schmitz, J.M., Lane, S.D. Elevated neutrophil to lymphocyte ratio (NLR) in cocaine use disorder as a marker of chronic inflammation. College on Problems of Drug Dependence. San Antonio, TX: June, 2019.

Heads, A.M., Kapoor, S., Schmitz, J.M., Green, C.E., Stotts, A.L., Lane, S.D., Yoon, J.H., Harvin, J.A. Continued opioid use and risk for misuse in a sample of post-injury surgical patients. College on Problems of Drug Dependence. San Antonio, TX: June, 2019.

Kapoor, S. Schmitz, J.M., Heads, A.M., Green, C.E., Stotts, A.L., Lane, S.D., Harvin, J.A. Opioid misuse risk assessment in patients undergoing surgery following traumatic injury. College on Problems of Drug Dependence. San Antonio, TX: June, 2019.

Yoon, J.H., Schmitz, J.S., Lane, S.D., San Miguel, G., Jensen, S., Vincent, J.N., Vujanovic, A.A., Stotts, A.L., Weaver, M.F., Suchting, R. The relative contribution of behavioral economic measures in predicting cocaine severity and treatment response. College on Problems of Drug Dependence. San Antonio, TX: June, 2019.

Hernandez S.K., Beasley S., Salem H., Ruiz A.C., Taing M.L., Allen M., Lane S.D., Pigott, T.A. Specifying the "Not Otherwise Specified." The ability of screening tools to differentiate bipolar subgroups in an inpatient population. American Psychiatric Association Annual Meeting. Chicago: IL, 2019.

Berumen, A., Gomez, K., Green, C.E., Wardle, C.M., Schmitz, J.M., Lane, S.D. Elevated neutrophil to lymphocyte ratio (NLR) in cocaine use disorder (CUD) as a marker of chronic inflammation and accelerated aging. International Society for Affective Disorders. Houston, TX: September, 2018.

Gomez, K., Berumen, A., Green, C.E. Lane, S.D., Schmitz, J.M., Wardle, C.M. Trauma, inflamma-

tion, and anhedonia in cocaine use disorder. International Society for Affective Disorders. Houston, TX: September, 2018.

Hamilton, J.E., Lokesh, R.S., Bernstam, E.V., Allen, M.K., Lane, S.D., Selek, S. Higher Prevalence of Cocaine Abuse Among HIV Infected Inpatients in a Psychiatric Hospital. International Society for Affective Disorders. Houston, TX: September, 2018.

Wardle, M.C., Suchting, R., Vincent, J., Lane, S.D., Schmitz, J.M. Anhedonic symptoms of depression are related to cocaine use severity: A machine learning approach. College on Problems of Drug Dependence. San Diego, CA: June, 2018.

Stamatovich, S., Stertz, L., Walss-Bass, C., Lane, S.D., Green, C.E., Schmitz, J.M., Wardle, M.C. Immune functioning markers relate to cognitive abilities in individuals with cocaine use disorder. College on Problems of Drug Dependence. San Diego, CA: June, 2018.

Da Costa, S.C., Teixeira, A.L., Diniz, B.S., Lane, S.D. Psychiatric and non-psychiatric implications of substance use disorders in older adults. American Society for Clinical Psychopharmacology. Miami, FL: May, 2018.

Smith, L. J., Bartlett, B. A., Green, C. E., Lane, S. D., Schmitz, J. M., Vujanovic, A. A. Mindfulness as predictor of cognitive-behavioral therapy outcomes in inner-city adults with posttraumatic stress and substance dependence. Anxiety and Depression Association of America Convention, Washington, D.C: April, 2018.

Khan, S., Fries, G.R., Dyukova, E., Walss-Bass, C., Lane, S.D., Schmitz, J.M., Wardle, M.C. Gene expression changes associated with anhedonia in cocaine use disorder. American College of Neuropsychopharmacology. Palm Springs, CA: December, 2017.

Yoon, J.H., Haliwa, I., Vincent, J., Suchting, R., Schmitz, J.L., Lane, S.D. Eye-tracking-based measures of inhibitory control and attentional bias in marijuana SUD and control subjects. College on Problems of Drug Dependence. Montreal, Canada: June, 2017.

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 δ 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.

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Hasan K.M., MA L., Kramer, L.A., Lane S.D., Steinberg J.L., Narayana P.A., Moeller F.G. Markers of the neurobiology of cocaine addiction. International Society for Magnetic Resonance in Medicine. Salt Lake City, UT: April, 2013.

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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.

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Green, C.E., Schmitz, J.M., Lindsay, 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.

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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.

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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.

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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.

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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.

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

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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: Toronto.

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: Toronto.

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's sensitivity to consequences. Meeting of the College on Problems of Drug Dependence. June, 2001: Scottsdale, AZ.

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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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Lane, S.D., Cherek, D.R. Effects of acute alcohol administration and pre-experimental history on human risk-taking. Meeting of the Association for Behavior Analysis. May, 2000: Washington, DC.

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Lane, S.D., Cherek, D.R. Laboratory measurement of risk taking in "high risk" individuals. Meeting of the European Congress of Psychology. July, 1999: Rome, Italy.

Cherek, D.R., Lane, S.D. Fenfluramine effects on human aggression and impulsivity. Meeting of the European Congress of Psychology. July, 1999: Rome, Italy.

Lane, S.D., Cherek, D.R. Laboratory measurement of risk-taking among adults and adolescents with a history of antisocial behavior. Meeting of the College on Problems of Drug Dependence. June, 1999: Acapulco, Mexico.

Sharon, J.S., Lane, S.D., Cherek, D.R. Aggressive responding in adolescents with a history of high risk behavior. Meeting of the College on Problems of Drug Dependence. June, 1999: Acapulco, Mexico.

Cherek, D.R., Lane, S.D. Effects of d- and d,l-fenfluramine on aggression and impulsivity. Meeting of the European Behavioural Pharmacology Society. September, 1998: Brno, Czech Republic.

Waller, S.A., Kollins, S.H., Maher, S., Lane, S.D. Impulsivity and differential sensitivity to consequences in children diagnosed with ADHD. Meeting of the Association for Advancement of Behavior Therapy. November, 1998: New York, NY.

Lane, S.D., Cherek, D.R., Dougherty, D.M., Moeller, F.G. Effects of smoked marijuana on human sensitivity to changes in reward frequency. Meeting of the College on Problems of Drug Dependence. June, 1998: Scottsdale, AZ.

Cherek, D.R., Lane, S.D. Effects of d-fenfluramine and d,l-fenfluramine on simultaneous measures of human aggression and impulsivity. Meeting of the College on Problems of Drug Dependence. June, 1998: Scottsdale, AZ.

Lane, S.D., Cherek, D.R. Effects of reinforcer probability and magnitude on risk taking behavior in human subjects. Meeting of the Association for Behavior Analysis. May, 1998: Orlando, FL.

Waller, S.A., Kollins S.H., MacDonald, E.K., Maher S., Lane, S.D. Adaptation to changing reward conditions in children diagnosed with attention-deficit/hyperactivity disorder. Meeting of the Association for Behavior Analysis. May, 1998: Orlando, FL.

Clow, J.S., Lane, S.D., Miller, E., Critchfield, T.S. Blending of equivalence classes via MTS training through different stimulus modalities. Meeting of the Association for Behavior Analysis. May, 1998: Orlando, FL.

Cherek, D.R., Lane, S.D., Moeller, F.G., Dougherty, D.M. Measures of aggression, impulsivity, and biological function in female parolees. Meeting of the Academy of Criminal Justice Sciences. March, 1998: Albuquerque, NM.

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