

CURRICULUM VITAE

Joshua A. Lile, Ph.D.

**Professor, with Tenure, Regular Title Series
Department of Behavioral Science
University of Kentucky College of Medicine**

I. GENERAL INFORMATION

<u>Office Address</u>	Medical Behavioral Science Building Lexington, KY 40536-0086
<u>Email</u>	jalile2@email.uky.edu
<u>Phone</u>	859.323.6034
<u>Research Certification</u>	CITI Program Biomedical Investigator (2007-2021) CITI Good Clinical Practice (2017-2020)

II. EDUCATION

Undergraduate

	University of Kentucky Lexington, KY
Fall 1993-Spring 1997	B.S., Biology, Magna Cum Laude, with Departmental Honors

Graduate

	Wake Forest University School of Medicine Winston-Salem, NC
Fall 1997-Fall 2003	Ph.D., Pharmacology Dissertation Title: An Analysis of the Pharmacological Variables that Determine the Reinforcing Efficacy of Drugs Acting at Central Monoamine Systems Advisor: Michael A. Nader, Ph.D.

Post-Graduate

	University of Kentucky College of Medicine Lexington, KY
Spring 2003-Spring 2004	Post-doctoral Fellowship in Human Behavioral Pharmacology Advisor: Craig R. Rush, Ph.D.

III. PROFESSIONAL POSITIONS

	University of Kentucky College of Medicine Lexington, KY
April 2006-June 2015	Associate Director, Residential Research Facility, full-time
July 2015-Current	Co-Associate Director, Laboratory of Human Behavioral Pharmacology, full-time
	Largus Neural Systems, LLC Lexington, KY
June 2017-Current	Co-Owner and Chief Operating Officer, part-time

IV. ACADEMIC APPOINTMENTS

Faculty (Primary Appointments)

	University of Kentucky Lexington, KY
June 2004-June 2011	Assistant Professor of Behavioral Science, College of Medicine, Research Title Series (<i>no teaching or service effort</i>), academic, full-time
July 2011-May 2019	Associate Professor of Behavioral Science, College of Medicine, Regular Title Series (<i>tenured Summer 2014</i>), academic, full-time
June 2019-Current	Professor of Behavioral Science, College of Medicine, Regular Title Series, academic, full-time

Faculty (Secondary Appointments)

July 2014-May 2019	Associate Professor of Psychiatry, College of Medicine, Regular Title Series, academic, full-time
July 2014-May 2019	Associate Professor of Psychology, College of Arts and Sciences, Regular Title Series, academic, full-time
June 2019-Current	Professor of Psychiatry, College of Medicine, Regular Title Series, academic, full-time
June 2019-Current	Professor of Psychology, College of Arts and Sciences, Regular Title Series, academic, full-time

VII. TEACHING ACTIVITIES

University Faculty

Courses

	Wake Forest University School of Medicine Winston-Salem, NC
Fall 2001	PHAR 704: Behavioral Pharmacology (graduate students) Course Co-Instructor and –Director Course Evaluations: none obtained

Winston-Salem State University

Winston-Salem, NC

Spring 2002
BIO 2312: Anatomy and Physiology II (undergraduate students)
Course Instructor and Co-Director
Instructor Evaluation: 4.4 out of 5.0

University of Kentucky College of Medicine

Lexington, KY

Fall 2011-Spring 2012
MD 811: Introduction to Clinical Medicine (medical students)
Small Group Preceptor
Preceptor Evaluation: 3.8 out of 4.0

Fall 2011
BSC 731: Methods and Technologies in Clinical and Translational
Science (graduate and terminal degree students)
Course Co-Instructor and –Director
Course Evaluation Combined Score: 3.8 out of 4.0

Fall 2012
BSC 731: Methods and Technologies in Clinical and Translational
Science (graduate and terminal degree students)
Course Co-Instructor and –Director
Course Evaluation Combined Score: 3.8 out of 4.0

Fall 2012-Spring 2013
MD 811: Introduction to Clinical Medicine (medical students)
Small Group Preceptor
Preceptor Evaluation: 3.6 out of 4.0

Fall 2013
BSC 731: Methods and Technologies in Clinical and Translational
Science (graduate and terminal degree students)
Course Co-Instructor and –Director
Course Evaluation Combined Score: 3.7 out of 4.0

Spring 2014
BSC 331: Behavioral Factors in Health and Disease (undergraduate
students)
Course Co-Instructor
Course Evaluation Combined Score: 4.5 out of 5.0

Spring 2015
BSC 731: Methods and Technologies in Clinical and Translational
Science (graduate and terminal degree students)
Course Co-Instructor and –Director
Course Evaluation Combined Score: 3.3 out of 4.0

Fall 2015
BSC 731: Methods and Technologies in Clinical and Translational
Science (graduate and terminal degree students)
Course Co-Instructor and –Director
Course Evaluation Combined Score: 3.8 out of 4.0

Spring 2016
BSC 731: Methods and Technologies in Clinical and Translational
Science (graduate and terminal degree students)
Course Co-Instructor and –Director
Course Evaluation Combined Score: 3.9 out of 4.0

Lectures/Discussions**University of Kentucky**

Lexington, KY

Fall 2004
BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and
Dependency (graduate students)
Individual Differences I: Pharmacological History
Lecturer

Fall 2004	BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and Dependency (graduate students) Individual Differences II: Sex Lecturer
Spring 2005	BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and Dependency (graduate students) Animal Models of Drug Use Disorders Lecturer
Spring 2006	PSY 780: Problems in Psychology (graduate students) Drug Discrimination in Humans Lecturer
Fall 2007	BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and Dependency (graduate students) Human Laboratory Models of Drug Use Lecturer
Spring 2009	Psychiatry Resident Didactic Training Pharmacokinetic and pharmacodynamic effects of high dose THC in humans. Lecturer
Spring 2010	PSY 780: Problems in Psychology (graduate students) Laboratory Methods to Study the Effects of Cannabis and Develop Treatments for Dependence Lecturer
Spring 2011	PSY 780: Problems in Psychology (graduate students) Targeting Cannabinoid and GABA Systems for Medications Development for Cannabis-Use Disorders Lecturer
Spring 2011	NIH Training Grant Ethics Seminar Series (graduate and post-doctoral trainees) Research Misconduct Discussion Leader
Spring 2011	NIH Training Grant Ethics Seminar Series (graduate and post-doctoral trainees) Ethical Use of Animals in Research Discussion Leader
Spring 2012	PSY 780: Problems in Psychology (graduate students) Laboratory Methods to Study the Effects of Cannabis and Develop Treatments for Dependence Lecturer
Spring 2012	NIH Training Grant Ethics Seminar Series (graduate and post-doctoral trainees) Diversity and Conflict of Interest Discussion Leader
Spring 2013	NIH Training Grant Ethics Seminar Series (graduate and post-doctoral trainees) Ethical Issues of Financial Integrity in Grants Discussion Leader
Spring 2013	NIH Training Grant Ethics Seminar Series (graduate and post-doctoral trainees) Ethics of Using Human Research Subjects Discussion Leader

Fall 2013	BSC 534 Ethics and Responsibility in Clinical Research (graduate and terminal degree students) Ethical Situations Encountered in Individual Student Research Discussion Leader
Fall 2013	NIH Training Grant Ethics Seminar Series (graduate and post-doctoral trainees) Fundamentals of Bioethics in the Use of Animals Discussion Leader
Spring 2014	PSY 780: Problems in Psychology (graduate students) Cannabis: Problem or Panacea? Lecturer
Fall 2014	BSC 534: Ethics and Responsibility in Clinical Research (graduate and terminal degree students) Issues Related to Informed Consent Discussion Leader
Spring 2016	PHS 663: Molecular Neurobiology of Abused Drugs (graduate students) Drug Discrimination as an In Vivo Assay of Cannabinoid Neuropharmacology Lecturer
Spring 2016	PSY 780: Problems in Psychology (graduate students) Cannabis: Problem or Panacea? Lecturer
Fall 2017	Research Training in Drug Abuse Behavior T32 Seminar Series (graduate and post-doctoral trainees) Ethics and Collaborative Research Discussion Leader
Fall 2017	MBA 624: Entrepreneurship and Business Start-Ups Integrated Neural Biofeedback and Entrainment for Substance Use Disorders Discussion Leader
Fall 2018	Research Training in Drug Abuse Behavior T32 Seminar Series (graduate and post-doctoral trainees) Ethics and Collaborative Research Discussion Leader Lecturer
Spring 2019	PSY 780: Problems in Psychology (graduate students) Cannabis Current Events Lecturer
Spring 2019	PHS 663: Molecular Neurobiology of Abused Drugs (graduate students) The Molecular Neurobiology of Cannabis as Measured by Behavior Lecturer

VIII. ADVISING ACTIVITIES

Trainee Advising

University of Kentucky
Lexington, KY

Graduate Students

Fall 2013-Summer 2015	Primary Mentor, Jessica Fogel, M.A., College of Arts & Sciences, Department of Psychology, Behavioral Neuroscience and Psychopharmacology Program
Fall 2015-Current	Co-Mentor, Craig Beavers, Pharm.D., College of Medicine, Department of Behavioral Science, Clinical and Translational Science Ph.D. Program
Spring 2016-Current	Co-Mentor, Kevin Hatton, M.D., College of Medicine, Department of Behavioral Science, Clinical and Translational Science Ph.D. Program

Early Career Faculty

Fall 2014-Current	K01 Mentor, Michael Wesley, Ph.D., College of Medicine, Department of Behavioral Science
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Post-Graduate Trainees

Spring 2016-Spring 2019	Primary Mentor, Joseph Alcorn, Ph.D., College of Medicine, Department of Behavioral Science
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Residents

Fall 2008-Spring 2009	Research Mentor, Matthew Neltner, M.D., College of Medicine, Department of Psychiatry
Spring 2009	Research Mentor, Elizabeth Forester, M.D., College of Medicine, Department of Psychiatry

Undergraduate Students

Fall 2006-Spring 2007	Research Mentor, David Splichal, PSY 395: Independent Work in Psychology, College of Arts and Sciences
Fall 2007	Research Mentor, Tasha Phillips, BIO 395: Independent Work in Biology, College of Arts and Sciences
Spring 2010	Research Mentor, Jaclyn Miller, BIO 395: Independent Work in Biology, College of Arts and Sciences
Fall 2010-Spring 2011	Research Mentor, Lauren Hayden, BIO 395: Independent Work in Biology, College of Arts and Sciences
Summer 2014	Research Mentor, Inna Malyuk, Summer Training in Alcohol Research Program
Fall 2015	Research Mentor, Tyler DeLong, BIO 395: Independent Work in Biology, College of Arts and Sciences
Spring 2018-Current	Research Mentor, Lyndsey Armes, BIO 395: Independent Work in Biology, College of Arts and Sciences

Thesis and Dissertation Committees

2006-2010	Member, Doctoral Dissertation Committee, Shanna Babalonis, Ph.D., College of Arts and Sciences, Department of Psychology
2010-2013	Member, Doctoral Dissertation Committee, Dustin Lee, Ph.D., College of Arts and Sciences, Department of Psychology
2013- 2015	Chair, Master's Thesis Committee, Jessica Fogel, M.A., College of Arts and Sciences, Department of Psychology
2013-2015	Member, Master's Thesis Committee, Virginia Weiss, M.A., College of Arts and Sciences, Department of Psychology
2014-2015	Member, Master's Thesis Committee, Arit Harvanko, M.A., College of Arts and Sciences, Department of Psychology
2015-2018	Member, Doctoral Dissertation Committee, Virginia Weiss, Ph.D., College of Arts and Sciences, Department of Psychology
2015-2018	Member, Doctoral Dissertation Committee, Arit Harvanko, Ph.D., College of Arts and Sciences, Department of Psychology
2015-Current	Co-Chair, Doctoral Dissertation Committee, Craig Beavers, Pharm.D., College of Medicine, Department of Behavioral Science
2016	Outside Examiner, Doctoral Dissertation Committee, Walter Roberts, Ph.D., College of Arts and Sciences, Department of Psychology
2016-2019	Member, Doctoral Dissertation Committee, Justin Strickland, M.A., College of Arts and Sciences, Department of Psychology
2016-Current	Co-Chair, Doctoral Dissertation Committee, Kevin Hatton, M.D., College of Medicine, Department of Behavioral Science
2017-Current	Member, Doctoral Dissertation Committee, Aaron Smith, M.A., College of Arts and Sciences, Department of Psychology
2019	Outside Examiner, Doctoral Dissertation Committee, Na-Ra Lee, Ph.D., College of Pharmacy, Department of Pharmaceutical Sciences

Referee for Academic Appointment, Promotion or Tenure

Fall 2015	Ziva Cooper, Ph.D., Associate Professor, Department of Psychiatry, Columbia University
Fall 2017	Matthew Banks, Pharm.D., Ph.D., Associate Professor, with tenure, Department of Pharmacology and Toxicology, Virginia Commonwealth University

IX. ADMINISTRATIVE ACTIVITIES & UNIVERSITY SERVICE

University of Kentucky College of Medicine
Lexington, KY

University

2011-Current Regular Member, Medical
Expedited Reviewer, Medical
Institutional Review Board (IRB)

College of Medicine

2011, 2015 Member, Trainee Selection Committee
National Institute on Drug Abuse T32 (DA07304)

Department of Behavioral Science

2004 Coordinator, Trainee Development Forum Series
2004-2005 Coordinator, Departmental Seminar
2012 Member, Undergraduate Education Steering Committee
2013 Member, Administrator Search Committee
2014 Chair, Staff Awards Committee
2015 Member, Space Planning Committee
2015-Current Member, Graduate Curriculum Committee

XI. AWARDS AND FELLOWSHIPS

1997-1998 Graduate Fellowship
Department of Physiology and Pharmacology,
Wake Forest University School of Medicine
1998-1999 National Institute on Drug Abuse Predoctoral Training Fellowship
Department of Physiology and Pharmacology,
Wake Forest University School of Medicine
1999 Travel Award
Boston 1999, The First Congress of The Behavioral Pharmacology
Society and The European Behavioural Pharmacology Society, Boston,
MA
Supported by: National Institute on Drug Abuse
2001 Travel Award
First Joint Meeting of the European Brain and Behaviour Society and
European Behavioural Pharmacology Society, Marseilles, France
Supported by: Behavioral Pharmacology Society
2002 Travel Award
American Society for Pharmacology and Experimental Therapeutics,
New Orleans, LA
Supported by: Proctor and Gamble
2003 Women and Gender Junior Investigator Travel Award
College on Problems of Drug Dependence Annual Meeting, Bal Harbor,
FL
Supported by: National Institute on Drug Abuse

2003	National Institute on Mental Health Postdoctoral Training Fellowship University of Kentucky College of Medicine Department of Behavioral Science
2004	Outstanding Dissertation Award (<i>only one selected each year</i>) American Psychological Association Annual Meeting, Honolulu, HI Supported by: Friends Institute
2005	Divisions 28 and 50 Travel Award American Psychological Association Annual Meeting, Washington, DC Supported by: National Institute on Drug Abuse
2005	CPDD Early Career Investigator Award College on Problems of Drug Dependence Annual Meeting, Orlando, FL Supported by: CPDD/NIDA
2006	Women and Gender Junior Investigator Travel Award College on Problems of Drug Dependence Annual Meeting, Scottsdale, AZ Supported by: National Institute on Drug Abuse
2010	Center for Clinical and Translational Science Research Spotlight University of Kentucky
2012	Joseph Cochin Young Investigator Award (<i>only one selected each year</i>) Supported by: College on Problems of Drug Dependence Palm Springs, CA
2017	1 st Place Winner, UKAccel Demo Day Start-up Pitch
2019	University of Kentucky Office of Undergraduate Research Faculty Mentor of the Week

XII. PROFESSIONAL ACTIVITIES, PUBLIC SERVICE AND PROFESSIONAL DEVELOPMENT

Memberships

Joined 2003	American Psychological Association, Division 28
Joined 2019	Association for Behavioral Analysis International
Joined 1999	Behavioral Pharmacology Society
Joined 1999	College on Problems of Drug Dependence
Joined 2006	International Cannabinoid Research Society
Joined 2003	International Study Group Investigating Drugs as Reinforcers

Committee Positions

National/International

	American Psychological Association Division 28 Psychopharmacology and Substance Abuse
2004-2007	Membership Chair
	College on Problems of Drug Dependence
2008-2011	Member, Committee on Abuse Liability Testing
2013-2016	Member, Human Research Committee
2014-2018	Member, Long Range Planning Committee
2018-Current	Member, Awards for Excellence

2017-2019	International Study Group Investigating Drugs as Reinforcers
2019-2021	Secretary President

Conference Organization

	College on Problems of Drug Dependence
2001	Co-Chair, Oral Communications I: In A Bind: Receptors and Cocaine
2003	Co-Chair, Oral Communications XI: Gender Bender
2004	Co-Chair, Oral Communications XIX: Unconventional Treatment for Drug and Alcohol Abuse
2006	Co-Chair, Oral Communications 27: Sex Matters
2014	Co-Chair, Oral Communications XIII: Pot Luck: THC Research
	American Psychological Association
2007	Chair, Wyeth Young Psychopharmacologist Award
	Translational Behavioral Pharmacology Symposia
2007	Co-Organizer, Columbia University and University of Kentucky Columbia University, New York, NY
2013	Organizer, University of Kentucky and Virginia Commonwealth University, Lexington, KY
2015	Organizer, University of Kentucky and Virginia Commonwealth University, Daniels, WV
	Substance Use Research Day Symposium
2019	Chair, Leveraging complementary preclinical and clinical research approaches to advance scientific discovery in substance use disorders.

Grant and Protocol Review

	Netherlands Organization for Scientific Research
Fall 2013	Member, Grant Review Panel
	National Institute on Drug Abuse Drug Supply & Analytical Services
Spring 2015	Reviewer, Drug Supply Request Protocol
Fall 2015	Reviewer, Drug Supply Request Protocol
Spring 2019	Reviewer, Drug Supply Request Protocol
	Oak Ridge Associated Universities
Spring 2016	Member, Ralph E. Powe Junior Faculty Awards Application Review Panel
	National Institutes of Health Center for Scientific Review
Summer 2018	Member, Endocrinology, Metabolism, Nutrition, and Reproductive Sciences Integrated Review Group Special Emphasis Panel 2018/10 ZRG1 EMNR-A (70) for Specialized Centers of Research Excellence (SCORE P50) on Sex Differences
Spring 2019	Temporary Member, Biobehavioral Regulation, Learning and Ethology (BRLE) Study Section

	University of Kentucky Office of the Vice President for Research
Spring 2012	Member, Research Support Grant Review Panel
Fall 2012	Member, Research Support Grant Review Panel
Spring 2013	Member, Research Support Grant Review Panel
Fall 2013	Member, Research Support Grant Review Panel
Spring 2014	Member, Research Support Grant Review Panel
Fall 2014	Member, Research Support Grant Review Panel
Fall 2015	Member, Research Support Grant Review Panel
Spring 2016	Member, Research Support Grant Review Panel

	University of Kentucky Center for Clinical and Translational Science
Spring 2014	Member, KL2 Grant Review Panel
Spring 2018	Member, Pilot Project Grant Review Panel
Fall 2018	Member, Pilot Project Grant Review Panel

	University of Kentucky College of Medicine, Office of the Vice President for Research and Center for Clinical and Translational Science
Spring 2017	Reviewer, Multidisciplinary Value Program Application Review Panel

	Center for Drug Abuse Research Translation
Spring 2015	Member, Pilot Grant Review Panel

Journal Editorial Boards

2017-Current	Experimental and Clinical Psychopharmacology
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Journal Peer Review (167 reviews; italics denote past year reviews)

Addiction
Addiction Biology
 American Journal of Drug and Alcohol Abuse
 Behavioural Pharmacology
 Behavioral Processes
 Biological Psychiatry
 Brain Research Reviews
 British Journal of Pharmacology
Cannabis and Cannabinoid Research
 Current Drug Abuse Reviews
Drug and Alcohol Dependence (Top 4th percentile ranked Reviewer in 2015, 2016)
 European Journal of Pharmacology
 European Neuropsychopharmacology
Experimental and Clinical Psychopharmacology
 Hormones and Behavior
 Human Psychopharmacology: Experimental and Clinical
 International Journal of Neuroscience
 International Journal of Neuropsychopharmacology
 International Review of Psychiatry
 Journal of Acquired Immune Deficiency Syndrome
 Journal of Addiction Medicine
 Journal of Clinical Pharmacology
Journal of Clinical Psychopharmacology
 Journal of Pharmacology and Experimental Therapeutics

Journal of Psychopharmacology
Molecular Psychiatry
Neuropsychopharmacology
Pharmacology, Biochemistry and Behavior
Progress in Neurobiology and Biological Psychiatry
Psychopharmacology
Substance Abuse: Research and Treatment

Professional Development

	University of Kentucky Office of Technology Commercialization Von Allmen Center for Entrepreneurship Lexington, KY
Summer 2017	Participant, Inaugural class of the UKAccel start-up incubator program
	National Institute on Drug Abuse Office of Translational Initiatives and Program Innovations Bethesda, MD
Summer 2017	Participant, Tailored training program to create a start-up company to develop a neurofeedback and brain stimulation device to treat substance use disorder

XIII. INVITED SPEAKING ENGAGEMENTS

Local

	Wake Forest University School of Medicine Winston-Salem, NC
1999	Community Engagement: "The importance of animal research in biomedical science"
	University of Kentucky Lexington, KY
2002	Department of Behavioral Science Seminar: "The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics"
2004	Department of Behavioral Science Seminar: "Treatment and prevention strategies for drug addiction: from monkey to human"
2006	Drug Abuse Research Translation Seminar Series: "The behavioral pharmacology of cannabis in humans"
2006	Local Neuroscientists Interested in Drug Abuse Seminar Series: "The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics"
2008	Department of Behavioral Science Seminar: "Understanding and treating cannabis-use disorders"
2009	Kentucky Epidemiology Workgroup Presentation: "Understanding and treating cannabis-use disorders"
2010	Health Researchers Youth Academy: "Understanding and treating cannabis-use disorders"
2010	Department of Behavioral Science Seminar: "Medications development for cannabis-use disorders"
2011	Health Researchers Youth Academy: "Understanding and developing treatments for cannabis-use disorders using human laboratory models"

- 2011 Student Wellness Ambassadors and the Office of Substance Education and Responsibility: "The neurobiology of drug-use disorders"
- 2014 Department of Psychiatry Grand Rounds: "Cannabis and cocaine: Using clinical and preclinical laboratory models to understand and develop treatments for dependence"
- 2014 Department of Psychology Seminar: "Cannabis and cocaine: Using clinical and preclinical laboratory models to understand and develop treatments for dependence"
- 2015 Psychology Department Behavioral Neuroscience and Psychopharmacology Seminar: "Top ten practical pro-tips for academic success"
- 2016 Exploring the Flagship Mission: University of Kentucky's Role in Serving the Commonwealth Seminar: "Advances in the clinical and translational science of drug use disorders: Focus on cocaine and cannabis"
- 2018 University of Kentucky Chapter of Health Occupations Students of America (HOSA) Future Health Professionals Presentation: "Ethics, Methods and Technologies of Clinical and Translational Science"
- 2018 Department of Psychiatry Grand Rounds: "Cannabis Current Events"
- 2019 University of Kentucky Substance Use Research Day: "Development of cross-species translational research platforms to study drug use decisions"

National/International

- 2002 **College on Problems of Drug Dependence** 64th Annual Scientific Meeting. Quebec City, Quebec, Canada. Young Investigators Symposium Presentation: "The role of duration of action and selectivity at monoamine transporters in mediating the reinforcing efficacy of psychostimulants in rhesus monkeys"
- 2002 **Wayne State University**, Detroit MI. Department of Psychiatry and Behavioral Neurosciences Seminar: "Comparison of the reinforcing efficacy of cocaine and methylphenidate analogs"
- 2003 **International Study Group Investigating Drugs as Reinforcers** Annual Scientific Meeting Bal Harbor, FL. "High-affinity, slow-onset, long duration of action monoamine reuptake inhibitors as potential pharmacotherapies for cocaine addiction: Ideal?"
- 2004 **American Psychological Association** 112th Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse, Honolulu, HI. Opening Session Presentation: "The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics"
- 2007 **American Psychological Association** 115th Annual Scientific Meeting, San Francisco, CA. Division 25 Behavior Analysis Symposium Presentation: "Human cocaine choice: Effects of dose and an alternative reinforcer"
- 2007 **Dopamine: 50 Years**, Gothenberg, Sweden. "Pharmacological determinants of the reinforcing effects of psychostimulants: Relation to agonist substitution treatment"
- 2009 **Midwestern Psychological Association** Annual Scientific Meeting, Chicago, IL. Symposium on Sex Differences in Drug Abuse Presentation: "Gonadal sex hormones modulate the behavioral effects of drugs in humans"
- 2011 **Johns Hopkins University**, Baltimore, MD. Department of Psychiatry and Behavioral Sciences Seminar: "Targeting cannabinoid and GABA systems for medications development for cannabis-use disorders"

- 2013 **Wake Forest University**, Winston-Salem, NC. Wake Forest University and University of North Carolina Chapel Hill Behavioral Pharmacology Workshop Presentation: “Ethics, methods and variables in human behavioral pharmacology and their application to the development of medications for drug use disorders”
- 2016 **Virginia Commonwealth University**, Richmond, VA. Department of Pharmacology and Toxicology Seminar: “Operant human laboratory models of drug use for the development of addiction treatment interventions”
- 2016 **Wake Forest University**, Winston-Salem, NC. Wake Forest University and University of North Carolina Chapel Hill Behavioral Pharmacology Workshop Presentation: “Ethics, methods and variables in human behavioral pharmacology and their application to the development of medications for drug use disorders”
- 2016 **University of Kentucky**, Lexington, KY. Presentation to the Director of the National Institute on Drug Abuse and UK Leadership: “Clinical research on cannabis use disorder: mechanisms, interventions and prevention”
- 2017 **College on Problems of Drug Dependence** 79th Annual Scientific Meeting, Montreal, Canada. Symposium on Applications of Choice Procedures to Drug Abuse Research Presentation: “The influence of alternative reinforcers and d-amphetamine maintenance on intravenous cocaine choice in parallel studies in humans and rhesus monkeys”
- 2017 **Association for Behavior Analysis International** Annual Convention, Denver, CO. B.F. Skinner Lecture: “Cannabis use disorder: Determining mechanisms and developing interventions”
- 2018 **College on Problems of Drug Dependence** 80th Annual Scientific Meeting, San Diego, CA. Translational and Reverse-Translational Research in Addiction: How Human and Animal Studies Mutually Inform One Another Symposium Presentation: “Bi-directional translation of monkey and human methods to develop functionally equivalent cocaine self-administration choice procedures”
- 2018 **ACTTION-CUOCT (Analgesic, Anesthetic and Addiction Clinical Trial Translations, Innovations, Opportunities and Networks-Cannabis Use Outcomes for Clinical Trials)**, a public-private partnership with the FDA. Bethesda, MD. “Laboratory models for screening new medications for cannabis use disorder”
- 2018 **Carolina Cannabinoid Collaborative**, Raleigh, NC. “Screening cannabis use disorder pharmacotherapies: medication and outcome selection”
- 2019 **Association for Behavior Analysis International** Annual Convention, Chicago IL. “Drug choice in humans and monkeys: Influence of reinforcer magnitude and pharmacological pretreatment”
- 2019 **Wake Forest University**, Winston-Salem, NC. Wake Forest University Behavioral Pharmacology Workshop Presentation: “Ethics, methods and variables in human behavioral pharmacology and their application to the development of medications for drug use disorders”

XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS

A. PUBLICATIONS

Peer-Reviewed Original Research in Scientific Journals

1. **Lile JA**, Morgan D, Nader MA (2000) Single vs. multiple session substitution: an evaluation of the reinforcing effects of cocaine and the cocaine analog 2 β -propanoyl-3 β -(4-tolyl)-tropane. *Experimental and Clinical Psychopharmacology* 8 (Special Issue):424-33. PMID: 10975634.
2. **Lile JA**, Morgan D, Freedland CS, Sinnott RS, Davies HML, Nader MA (2000) Self-administration of two long-acting monoamine transport blockers in rhesus monkeys. *Psychopharmacology* 152:414-21. PMID: 11140334.
3. **Lile JA**, Morgan D, Birmingham AM, Wang Z, Woolverton WL, Davies HML, Nader MA (2002) The reinforcing efficacy of the dopamine reuptake inhibitor PTT as measured by a progressive-ratio schedule and a choice procedure in rhesus monkeys. *Journal of Pharmacology and Experimental Therapeutics* 303:640-8. PMID: 12388646.
4. **Lile JA**, Wang Z, Woolverton WL, France JE, Davies HML, Nader MA (2003) The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics. *Journal of Pharmacology and Experimental Therapeutics* 307: 356-66. PMID: 12954808.
5. **Lile JA**, Stoops WW, Allen TS, Glaser PEA, Hays LR, Rush CR (2004) Baclofen does not alter the reinforcing, subject-rated or cardiovascular effects of intranasal cocaine in humans. *Psychopharmacology* 171: 441-9. PMID: 14504683.
6. **Lile JA**, Morgan D, Birmingham AM, Davies HML, Nader MA (2004) Effects of the dopamine reuptake inhibitor PTT on cocaine-seeking and food- and cocaine-maintained responding in rhesus monkeys. *Psychopharmacology* 174: 246-53. PMID: 14735291.
7. **Lile JA**, Stoops WW, Hays LR, Rush CR (2004) Acute administration of the GABA reuptake inhibitor tiagabine does not alter the effects of oral cocaine in humans. *Drug and Alcohol Dependence* 76: 81-91. PMID: 15380292.
8. Stoops WW, **Lile JA**, Fillmore MT, Glaser PEA, Rush CR (2005) Reinforcing effects of methylphenidate: influence of dose and behavioral demands following drug administration. *Psychopharmacology*, 177: 349-55. PMID: 15609070.
9. Stoops WW, **Lile JA**, Glaser PEA, Rush CR (2005) Discriminative stimulus and self-reported effects of methylphenidate, d-amphetamine and triazolam in humans. *Experimental and Clinical Psychopharmacology*, 13: 56-64. PMID: 15727504.
11. Stoops WW, **Lile JA**, Fillmore MT, Glaser PEA, Rush CR (2005) Reinforcing effects of modafinil: influence of dose and behavioral demands following drug administration. *Psychopharmacology*, 182: 186-93. PMID: 15986191.
10. **Lile JA**, Ross JT, Nader MA (2005) A comparison of the reinforcing efficacy of 3,4-methylenedioxymethamphetamine (MDMA, "ecstasy") with cocaine in rhesus monkeys. *Drug and Alcohol Dependence*, 78: 135-40. PMID: 15845316.

12. Rush CR, Higgins ST, Vansickel AR, Stoops WW, **Lile JA**, Glaser PEA (2005) Methylphenidate increases cigarette smoking. *Psychopharmacology*, 181: 781-9. PMID: 15983792.
13. **Lile JA**, Stoops WW, Vansickel AR, Glaser PEA, Hays LR, Rush CR (2005) Aripiprazole attenuates the discriminative-stimulus and subject-rated effects of d-amphetamine in humans. *Neuropsychopharmacology*, 30: 2103-14. PMID: 15988473.
14. **Lile JA**, Stoops WW, Wagner FP, Glaser PEA, Rush CR (2005) Oxazepam does not modulate the behavioral effects of d-amphetamine in humans. *Pharmacology, Biochemistry and Behavior*, 82: 270-9. PMID: 16182353.
15. Claytor R, **Lile JA**, Nader MA (2006) Effects of a D₂/D₃ and a putative D₃ antagonist on food- and cocaine-maintained responding in rhesus monkeys. *Pharmacology, Biochemistry and Behavior*, 83: 456-64. PMID: 16631246.
16. **Lile JA**, Stoops WW, Durell TM, Glaser PEA, Rush CR (2006) Discriminative-stimulus, self-reported, performance and cardiovascular effects of atomoxetine in methylphenidate-trained humans. *Experimental and Clinical Psychopharmacology*, 142: 136-47. PMID: 16756417.
17. Stoops WW, **Lile JA**, Glaser PEA, Rush CR (2006) A low dose of aripiprazole attenuates some of the abuse-related effects of d-amphetamine. *Drug and Alcohol Dependence*, 84: 206-9. PMID: 16540264.
18. Stoops WW, **Lile JA**, Robbins G, Martin CA, Rush CR, Kelly TH (2007) The reinforcing, subject-rated, performance and cardiovascular effects of d-amphetamine: Influence of sensation-seeking status. *Addictive Behaviors*, 32: 1177-88. PMID: 17011712. PMCID: PMC3191905.
19. Stoops WW, Vansickel AR, **Lile JA**, Rush CR (2007) Acute d-amphetamine pretreatment does not alter stimulant self-administration in humans. *Pharmacology, Biochemistry and Behavior*, 87: 20-9. PMID: 17490738 PMCID: PMC2045695.
20. Vansickel AR, **Lile JA**, Stoops WW, Rush CR (2007) Similar discriminative-stimulus effects of d-amphetamine in women and men. *Pharmacology, Biochemistry and Behavior*, 87: 289-296. PMID: 17561238 PMCID: PMC 2001270.
21. **Lile JA**, Kendall SL, Babalonis S, Martin CA, Kelly TH (2007) Evaluation of estradiol administration on the discriminative-stimulus and subject-rated effects of d-amphetamine in healthy pre-menopausal women. *Pharmacology, Biochemistry and Behavior*, 87: 258-266. PMID: 17544491 PMCID: PMC1991295.
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69. Strickland JC, **Lile JA**, Stoops WW (2019). Contribution of cannabis-related cues to concurrent reinforcer choice in humans. *Drug and Alcohol Dependence*, 199, 85-91. PMID: 31029879.
70. Strickland JC, **Lile JA**, Stoops WW (2019). Evaluating non-medical prescription opioid demand using commodity purchase tasks: test-retest reliability and incremental validity. *Psychopharmacology*. In press. PMID: 30927021.
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72. Ashford K, Fallin-Bennett A, McCubbin A, Barnhart S, Wiggins A, **Lile JA** (2019). Associations of first trimester co-use of cannabis and tobacco with prenatal immune response and psychosocial well-being. *Neurotoxicology and Teratology*. In press.

73. **Lile JA**, Johnson AR, Banks ML, Hatton KW, Hays LR, Nicholson KL, Poklis JL, Rayapati AO, Rush CR, Stoops WW, Negus SS (2019). Pharmacological validation of a translational model of cocaine use disorder: Effects of d-amphetamine maintenance on choice between intravenous cocaine and a non-drug alternative in humans and rhesus monkeys. *Experimental and Clinical Psychopharmacology*. In press.
74. Strickland JC, Campbell EM, **Lile JA**, Stoops WW. Utilizing the commodity purchase task to evaluate behavioral economic demand for illicit substances: A review and meta-analysis. *Addiction*. Under review.

Peer-Reviewed Review Articles in Scientific Journals

1. **Lile JA**, Nader MA (2003) The abuse liability and therapeutic potential of drugs evaluated for cocaine addiction as predicted by animal models. *Current Neuropsychopharmacology* 1: 21-46.
2. **Lile JA** (2006) Pharmacological determinants of the reinforcing effects of psychostimulants: Relation to agonist replacement treatment. *Experimental and Clinical Psychopharmacology* 14: 20-33. Invited Review. PMID: 16503702.
3. Budney AJ, **Lile JA** (2009) Moving beyond the cannabis controversy into the world of cannabinoids. *International Review of Psychiatry*, Co-Editor for Special Issue on Cannabis and Cannabinoids. 21: 91-5. PMID: 19367502.
4. Bolin BL, Alcorn JL, Reynolds AR, **Lile JA**, Rush CR (2016). Human drug discrimination: A primer and methodological review. *Experimental and Clinical Psychopharmacology*, Special Issue for the 50th Anniversary of APA Division 28: The Past, Present and Future of Psychopharmacology and Substance Abuse, in press. PMID: 27272070 PMCID: PMC4965187.
5. Loflin, MJE, Huestis MA, Aklin, WM, Budney AJ, D'Souza DC, Dworkin RH, Gray KM, Kiluk BD, Le Foll B, **Lile JA**, Mason BJ, McRae-Clark AL, Montoya I, Peters EF, Ramey T, Turk DC, Vandrey R, Walsh RL, Weiss RD, Strain EC. Choosing clinical endpoints for cannabis use disorder clinical trials: ACTION recommendations. Submitted to *Drug and Alcohol Dependence*.

Books, Book Chapters and Monographs

1. **Lile JA**, Davies HML, Nader MA (2003) The role of duration of action and selectivity at monoamine transporters in determining the reinforcing efficacy of psychostimulants, in *NIDA Research Monograph 183: Problems of Drug Dependence 2002, Proceedings of the 64th Annual Scientific Meeting* (Harris L ed), pp 72-3.
2. Rush CR, Vansickel AR, **Lile JA**, Stoops WW (2008) Evidence-based treatment of amphetamine dependence: Pharmacological and behavioral approaches. In: Cohen L, Collins FL, Young AM, McChargue DE and Leffingwell TR (eds), *The Pharmacology and Treatment of Substance Abuse Using Evidence and Outcomes Based Perspectives*. Lawrence Erlbaum Associates. Invited Chapter.
3. Joseph JE, Kelly TH, **Lile JA** (2013) The neurobiological basis of personality risk for addiction. In: Miller P (ed), *Biological Research on Addiction: Comprehensive Addictive Behaviors and Disorders*, Volume 2. Elsevier. Invited Chapter.
4. Nader MA, **Lile JA**, John WS, Czoty PW (2015) Nonhuman primate models of abuse liability. In: Vogel F and Weinbauer F (eds), *Primate Biologics Research at a Crossroads*. Waxmann Publishing Co. Invited Chapter.
5. Bolin BL, Alcorn JL, Reynolds AR, **Lile JA**, Stoops WW, Rush CR (2016) Human Drug Discrimination: Elucidating the Neuropharmacology of Commonly Abused Illicit Drugs. In: Porter JH (ed), *Current Topics in Behavioral Neurosciences: Drug Discrimination*. Springer. Invited Chapter.
6. **Lile JA**, Fogel JS, Kelly TH (2017) The role of GABA in the interoceptive effects of oral Δ^9 -THC in humans. In: Preedy VR (ed), *Handbook of Cannabis and Related Pathologies: Biology, Diagnosis, Treatment and Pharmacology*. Elsevier. Invited Chapter.

XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS - *continued*

B. ABSTRACT PRESENTATIONS

Local/State/Regional

1. **Lile JA**, Morgan D, Freedland CS, Sinnott RS, Davies HML, Nader MA (1998). The role of monoamine transporters in monkey models of cocaine abuse. Podium presentation. Wake Forest University School of Medicine/Harvard Medical School Symposium on Translational Behavioral Pharmacology. McClean Hospital, Harvard Medical School, Belmont, MA.
2. **Lile JA**, Morgan D, Freedland CS, Sinnott RS, Davies HML, Nader MA (1998) The role of monoamine transporters in mediating the reinforcing effects of cocaine. Podium presentation. Wake Forest University School of Medicine Physiology and Pharmacology Department Student Seminar Series. Wake Forest University School of Medicine, Winston-Salem, NC.
3. **Lile JA**, Morgan D, Freedland CS, Sinnott RS, Davies HML, Nader MA (1999) The effects of cocaine exposure on the self-administration of two monoamine transport blockers. Podium presentation. The 6th Annual North Carolina Governor's Institute on Drug and Alcohol Abuse. Greensboro, NC.
4. **Lile JA**, Birmingham AM, Morgan D, Freedland CS, Sinnott RS, Moore T, Nader, SH Davies HML, Nader MA (2000) Behavioral evaluation of cocaine analogs having differential affinities and selectivities for monoamine transporters. Podium presentation. Wake Forest University School of Medicine Physiology and Pharmacology Department Student Seminar Series. Wake Forest University School of Medicine, Winston-Salem, NC.
5. **Lile JA**, Nader MA (2000) Agonist substitution as a strategy for stimulant abuse treatment. Podium presentation. Wake Forest University School of Medicine/Emory University Neuroimaging and Behavioral Pharmacology Symposium. Emory University/Yerkes Primate Center, Atlanta, GA.
6. **Lile JA**, Nader MA (2001) The role of monoamine neurotransmitter systems in stimulant abuse treatment. Podium presentation. Wake Forest University School of Medicine Physiology and Pharmacology Department Student Seminar Series. Wake Forest University School of Medicine, Winston-Salem, NC.
7. **Lile JA**, Davies HML, Nader MA (2001) Assessment of the reinforcing efficacy of short- and long-acting psychostimulants in rhesus monkeys. Podium presentation. Wake Forest University School of Medicine/Emory University Neuroimaging and Behavioral Pharmacology Symposium. Wake Forest University School of Medicine, Winston-Salem, NC.
8. Vansickel AR, **Lile JA**, Stoops WW, Glaser PEA, Hays LR, Rush, CR (2005) Aripiprazole attenuates the discriminative-stimulus and subject-rated effects of *d*-amphetamine in humans. Poster presentation. Spring Neuroscience Day: Bluegrass Chapter of the Society for Neuroscience Annual Research Forum. Lexington, KY.
9. **Lile JA**, Kendall SL, Babalonis S, Martin CA, Kelly TH (2006) Estradiol enhances the discriminative-stimulus and self-reported effects of *d*-amphetamine in healthy pre-menopausal women. Podium presentation. Center of Biomedical Research Excellence in Women's Health Advisory Committee Site Visit, Lexington, KY.

10. **Lile JA**, Kendall SL, Babalonis S, Martin CA, Kelly TH (2006) Estradiol enhances the discriminative-stimulus and self-reported effects of d-amphetamine in healthy pre-menopausal women. Podium presentation. First Annual University of Kentucky Clinical and Translational Research Spring Conference. Lexington, KY.
11. Splichal JD, Kelly TH, Hudson DA, Hays LR, **Lile JA** (2007) A pharmacological analysis of Δ^9 -THC in humans. Poster presentation. Bluegrass Chapter of the Society for Neuroscience, Spring Neuroscience Day. Lexington, KY. *Award winner, undergraduate presenter category.*
13. **Lile JA**, Kelly TH, Hudson DA, Hays LR (2007) Substitution profile of various drugs in humans discriminating THC. Podium presentation. Columbia University and University of Kentucky Human Behavioral Pharmacology Symposium. Columbia University, New York, NY.
12. **Lile JA**, Babalonis S, Martin CA, Joseph J, Kelly TH (2007) Human behavioral pharmacology methods for assessing differences in illicit drug effects as a function of sex and hormone status. Podium presentation. Center of Biomedical Research Excellence in Women's Health Meeting, Lexington, KY.
14. **Lile JA**, Kelly TH, Hays LR (2008) Fluvoxamine precipitated cannabis withdrawal to assess the role of impulsive sensation seeking in cannabis dependence. Podium presentation. Center for Drug Abuse Research Translation retreat. University of Kentucky, Lexington, KY.
15. **Lile JA**, Babalonis S, Martin CA, Wermeling D, Joseph J, Kelly TH (2009) Intranasal d-amphetamine as a platform for clinical research in healthy human subjects. Podium presentation. Center for Drug Abuse Research Translation Project 2 progress update. University of Kentucky, Lexington, KY.
16. Freeman MM, Lee DC, **Lile JA**, Martin CA, Kelly TH (2013) Individual differences in marijuana self-administration as a function of recent marijuana use history. Poster presentation. University of Kentucky Eighth Annual Clinical and Translational Research Spring Conference. Lexington, KY.
17. Harvanko AM, Martin CA, Charnigo RJ, Fogel JS, **Lile JA**, Kelly TH (2014) The relationship between sensation seeking and disinhibition on d-amphetamine taking behavior. Poster presentation. University of Kentucky Ninth Annual Clinical and Translational Research Spring Conference. Lexington, KY.
18. Chism LE, Harvanko AM, Martin CA, Charnigo RJ, Fogel JS, **Lile JA**, Kelly TH (2014) Personality influences on the cognitive effects of d-amphetamine. Poster presentation. University of Kentucky Ninth Annual Clinical and Translational Research Spring Conference. Lexington, KY.
19. Fogel JS, Kelly TH, Charnigo RJ, Harvanko AM, **Lile JA** (2014) Sex differences in subjective and physiological responses to oral Δ^9 -THC in regular cannabis users. Poster presentation. University of Kentucky Ninth Annual Clinical and Translational Research Spring Conference. Lexington, KY.
20. Alcorn III JL, **Lile JA** (2018) Examining cannabis-cue effects on attentional processing in cannabis and cocaine users. Podium presentation. Center for Drug Abuse Research Translation Data Blitz. University of Kentucky, Lexington, KY.

21. Alcorn JL, Marks KR, Stoops WW, Rush CR, **Lile JA** (2018). Attentional bias to cannabis cues in cannabis users but not cocaine users. Podium presentation. NIDA T32 training symposium. University of Kentucky, Lexington, KY.
22. Bolin BL, **Lile JA**, Ponder MG, Ray MC, Welch AN, Wesley MJ (2018). Personalized transcranial magnetic stimulation for enhancing substance use research and treatment. Poster presentation. University of Kentucky Board of Trustees Retreat, Lexington, KY.
23. Strickland JC, **Lile JA**, Stoops WW (2019). Evaluating non-medical prescription opioid demand using the purchase task procedure. Poster presentation. University of Kentucky Substance Use Research Day, Lexington, KY.
24. Arnes L, Strickland JC, Stoops WW, **Lile JA** (2019). Contribution of cannabis-related cues to concurrent reinforcer choice in humans. Poster presentation. University of Kentucky Substance Use Research Day, Lexington, KY.

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National/International

1. Prioleau O, Nader SH, **Lile JA**, Grant KA, Mach RH, Gage HD, Kaplan JR, Ehrenkaufner R, Morgan D, Nader MA (1998) PET imaging of dopamine D2 receptors in group-housed monkeys: effects of social rank and cocaine. Poster presentation. Problems of Drug Dependence 1998: College on Problems of Drug Dependence 60th Annual Scientific Meeting. Scottsdale, AZ.
2. **Lile JA**, Morgan D, Freedland CS, Sinnott RS, Davies HML, Nader MA (1999) Evaluation of two novel tropane analogs in cocaine-naïve rhesus monkeys. Poster presentation. Problems of Drug Dependence 1999: College on Problems of Drug Dependence 61st Annual Scientific Meeting. Acapulco, Mexico.
3. **Lile JA**, Morgan D, Freedland CS, Sinnott RS, Davies HML, Nader MA (1999) The reinforcing effects of PTT and WF-23 before and after a cocaine history. Podium presentation. Wake Forest University School of Medicine/Emory University Neuroimaging and Behavioral Pharmacology Symposium. Wake Forest University School of Medicine, Winston-Salem, NC.
4. **Lile JA**, Morgan D, Nader MA (1999) Single vs. multiple session substitution: an evaluation of the reinforcing effects of cocaine and the cocaine analog 2 β -propanoyl-3 β -(4-tolyl)-tropane. Poster presentation. Boston 1999: The First Congress of the Behavioral Pharmacology Society and The European Behavioural Pharmacology Society. Boston, MA.
5. Morgan D, Roberts, DCS, **Lile JA**, Moore T, Nader SH, Davies HML, Nader MA (2000) reinforcing efficacy of cocaine, *d*-amphetamine and the tropane analog PTT in rats and rhesus monkeys. Poster presentation. Problems of Drug Dependence 2000: College on Problems of Drug Dependence 62nd Annual Scientific Meeting. San Juan, Puerto Rico.
6. **Lile JA**, Roberts DCS, Morgan D, Phelan R, Davies HML, Nader MA (2000) Pre-clinical evaluation of 2 β -propanoyl-3 β -(2-naphthyl)-tropane (WF-23) in rats and rhesus monkeys. Podium presentation. Problems of Drug Dependence 2000: College on Problems of Drug Dependence 62nd Annual Scientific Meeting. San Juan, Puerto Rico.
7. **Lile JA**, Davies HML, Nader MA (2001) Long and strong: the effects of cocaine analogs under a PR schedule and on cocaine-maintained behavior in rhesus monkeys. Podium presentation. Problems of Drug Dependence 2001: College on Problems of Drug Dependence 63rd Annual Scientific Meeting. Scottsdale, AZ.
8. **Lile JA** (2001) What makes science good. Review of *A choice procedure for drug reinforcers: cocaine and methylphenidate in the rhesus monkey* by Chris E. Johanson and Charles R. Schuster. Podium presentation. International Study Group Investigating Drugs as Reinforcers. Scottsdale, AZ.
9. **Lile JA**, Davies HML, Nader MA (2001) Differences in self-administration of long- and short-acting psychostimulants under a progressive-ratio schedule. Poster presentation. The First Joint Meeting of The European Brain and Behaviour Society and The European Behavioural Pharmacology Society. Marseille, France.
10. **Lile JA**, Davies HML, Birmingham AM, Nader MA (2002) Reinstatement of cocaine-seeking behavior following administration of two long-acting monamine reuptake inhibitors in rhesus monkeys. Poster presentation. Experimental Biology 2002, New Orleans, LA.

11. Claytor R, **Lile JA**, Nader SH, Moore T, Nader MA (2003) Effects of the D₃-selective antagonist PNU 99194 and the D₂/D₃ antagonist eticlopride in cocaine- and food-maintained responding in rhesus monkeys. Poster presentation. Experimental Biology 2003. San Diego, CA.
12. Ross JT, **Lile JA**, Czoty, PW, Nader MA (2003) Effect of cocaine availability on the reinforcing efficacy of cocaine as measured by a progressive-ratio schedule in monkeys. Poster presentation. Problems of Drug Dependence 2003: College on Problems of Drug Dependence 65th Annual Scientific Meeting. Bal Harbor, FL.
13. **Lile JA**, Stoops WW, Rush CR (2003) The effect of sex on the discriminative stimulus and subject-rated effects of d-amphetamine in humans. Podium presentation. Problems of Drug Dependence 2003: College on Problems of Drug Dependence 65th Annual Scientific Meeting. Bal Harbor, FL.
14. **Lile JA**, Stoops WW, Hays LR, Rush CR (2004) Tiagabine does not alter the discriminative-stimulus, reinforcing, subject-rated, performance or cardiovascular effects of oral cocaine in humans. Poster presentation. American Psychological Association 112th Annual Scientific Meeting, Div 28 Psychopharmacology and Substance Abuse Poster Session II. Honolulu, HI.
15. Stoops WW, **Lile JA**, Glaser PEA, Rush CR (2004) Discriminative-stimulus effects of methylphenidate, d-amphetamine and triazolam in humans. Poster presentation. Problems of Drug Dependence 2004: College on Problems of Drug Dependence 66th Annual Scientific Meeting. San Juan, Puerto Rico.
16. Rush CR, Stoops WW, **Lile JA**, Fillmore MT, Glaser PEA (2004) The reinforcing effects of methylphenidate: influence of dose and environmental demands following drug administration. Poster presentation. Problems of Drug Dependence 2004: College on Problems of Drug Dependence 66th Annual Scientific Meeting. San Juan, Puerto Rico.
17. **Lile JA**, Stoops WW, Hays LR, Rush CR (2004) The atypical antipsychotic aripiprazole attenuates the effects of oral d-amphetamine in humans. Podium presentation. Problems of Drug Dependence 2004: College on Problems of Drug Dependence 66th Annual Scientific Meeting. San Juan, Puerto Rico.
18. Vansickel AR, Higgins ST, **Lile JA**, Stoops WW, Glaser PEA, Rush CR (2005) The effects of methylphenidate on smoking behavior. Poster presentation. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67th Annual Scientific Meeting. Orlando, FL.
19. Stoops, WW, Durell TM, Glaser PEA, **Lile JA**, Rush CR (2005) Discriminative-stimulus and self-reported effects of methylphenidate, atomoxetine, d-amphetamine and triazolam in methylphenidate-trained humans. Poster presentation. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67th Annual Scientific Meeting. Orlando, FL.
20. Rush CR, **Lile JA**, Stoops WW, Vansickel AR, Glaser PEA, Hays LR (2005) Aripiprazole attenuates the discriminative-stimulus effects of d-amphetamine in humans. Poster presentation. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67th Annual Scientific Meeting. Orlando, FL.
21. Kelly TH, Stoops, WW, Robbins G, Martin CA, **Lile JA**, Bardo MT, Rush CR (2005) d-Amphetamine self-administration in high- and low-impulsive sensation seeking smokers. Poster presentation. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67th Annual Scientific Meeting. Orlando, FL.

22. **Lile JA**, Stoops WW, Wagner FP, Glaser PEA, Rush CR (2005) Oxazepam does not modulate the discriminative-stimulus or subject-rated effects of d-amphetamine in humans. Poster presentation. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67th Annual Scientific Meeting. Orlando, FL.
23. **Lile JA**, Stoops WW, Wagner FP, Haga JL, Glaser PEA, Hays LR, Rush CR (2005) Evaluation of GABAergic drugs for stimulant dependence in humans. Poster presentation. American Psychological Association 113th Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Poster Session and NIDA/NIAA/APA (Divisions 28 and 50) Early Career Investigators Poster Session and Social Hour (National) Washington, DC.
24. Stoops WW, **Lile JA**, Fillmore MT, Glaser PEA, Rush CR (2005) Reinforcing effects of stimulants: dose and post-drug behavioral demands. Poster presentation. American Psychological Association 113th Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Poster Session and NIDA/NIAA/APA (Divisions 28 and 50) Early Career Investigators Poster Session and Social Hour (National) Washington, DC.
25. Glaser PEA, Vansickel AR, Zettler E, Stoops WW, **Lile JA**, Rush CR (2005) Methylphenidate increases rate and reinforcing effects of cigarette smoking. Poster presentation. 52nd Annual Meeting of the American Academy of Child and Adolescent Psychiatry and 25th Annual Meeting of the Canadian Academy of Child and Adolescent Psychiatry. Toronto, Canada.
26. **Lile JA**, Babalonis S, Emurian CS, Martin CA, Rush CR, Kelly TH (2006) Discriminative-stimulus effects of triazolam: influence of menstrual cycle phase. Poster presentation. 1st Biennial National IDeA Symposium of Biomedical Research Excellence. Washington, DC.
27. Kelly TH, Stoops WW, **Lile JA**, Robbins CG, Martin CA, Rush CR (2006) The reinforcing and subject-rated effects of d-amphetamine: influence of sensation-seeking status. Podium presentation. 32nd Annual Conference of the Association for Behavioral Analysis, Atlanta, GA.
28. Wagner FP, Vansickel AR, Stoops WW, **Lile JA**, Hays LR, Glaser PEA, Rush CR (2006) Discriminative-stimulus effects of d-amphetamine in women and men. Poster presentation. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68th Annual Scientific Meeting. Scottsdale, AZ.
29. Stoops WW, **Lile JA**, Robbins CG, Martin CA, Rush CR, Kelly TH (2006) The reinforcing and subject-rated effects of d-amphetamine: influence of sensation-seeking status. Podium presentation. Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Scottsdale, AZ.
30. Babalonis S, **Lile JA**, Bylica K, Martin CA, Kelly TH (2006) Estradiol modulation of the behavioral effects of d-amphetamine in premenopausal women. Poster presentation. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68th Annual Scientific Meeting. Scottsdale, AZ.
31. Stoops WW, **Lile JA**, Glaser PEA, Rush CR (2006) A low dose of aripiprazole attenuates some of the abuse-related effects of d-amphetamine. Podium presentation. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68th Annual Scientific Meeting. Scottsdale, AZ.

32. **Lile JA**, Kendall SL, Babalonis S, Martin CA, Kelly TH (2006) Estradiol enhances the discriminative-stimulus and self-reported effects of d-amphetamine in healthy pre-menopausal women. Podium presentation. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68th Annual Scientific Meeting. Scottsdale, AZ.
33. Stoops WW, **Lile JA**, Glaser PEA, Rush CR (2006) A low dose of aripiprazole attenuates some of the abuse-related effects of d-amphetamine. Podium presentation. American Psychological Association 114th Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Opening Session. New Orleans, LA.
34. Stoops WW, **Lile JA**, Rush CR (2006) Agonist pharmacotherapy for stimulant abuse and dependence: results from human laboratory studies. Podium presentation. American Psychological Association 114th Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Symposium. New Orleans, LA.
35. Babalonis S, **Lile JA**, Emurian CS, Martin CA, Kelly TH (2007) Estradiol modulation of d-amphetamine in pre-menopausal women: a dose-response study. Poster presentation. Problems of Drug Dependence 2007: College on Problems of Drug Dependence 69th Annual Scientific Meeting. Quebec, Canada.
36. Stoops WW, Vansickel AR, **Lile JA**, Glaser PEA, Rush CR (2007) Acute pretreatment with d-amphetamine enhances the subject-rated and cardiovascular, but not the reinforcing, effects of d-amphetamine. Podium presentation. Problems of Drug Dependence 2007: College on Problems of Drug Dependence 69th Annual Scientific Meeting. Quebec, Canada.
37. Stoops WW, **Lile JA**, Rush CR (2007) Progressive-ratio schedules and drug reinforcement in humans: Current findings. Podium presentation. American Psychological Association 115th Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Symposium. San Francisco, CA.
38. **Lile JA**, Kelly TH, Hudson DA, Hays LR (2007) A pharmacological analysis of delta 9-THC in humans. Podium presentation. Problems of Drug Dependence 2007: College on Problems of Drug Dependence 69th Annual Scientific Meeting. Quebec, Canada.
39. Lee DC, Robbins G, Martin CA, **Lile JA**, Kelly TH (2008) Methylphenidate self-administration in high- and low-impulsive sensation seekers using a progressive-ratio schedule. Poster presentation. Problems of Drug Dependence 2008: College on Problems of Drug Dependence 70th Annual Scientific Meeting. San Juan, Puerto Rico.
40. **Lile JA**, Phillips TR, Babalonis S, Wermeling DP, Joseph JE, Corbly CR, Clark J, Martin CA, Kelly TH (2008) Behavioral and cardiovascular effects of intranasal d-amphetamine in humans. Poster presentation. Problems of Drug Dependence 2008: College on Problems of Drug Dependence 70th Annual Scientific Meeting. San Juan, Puerto Rico.
41. **Lile JA**, Kelly TH, Hudson DA, Hays LR (2008) Substitution profile of THC, nabilone, triazolam, hydromorphone and methylphenidate in humans discriminating THC. Podium presentation. 18th Annual Symposium of the International Cannabinoid Research Society. Aviemore, Scotland.
42. Rush CR, Stoops WW, **Lile JA**, Lofwall MR, Hays LR (2008) Aripiprazole as a pharmacotherapy for cocaine dependence. Podium presentation. 19th Annual American Academy of Addiction Psychiatry Meeting and Symposium, Boca Raton, FL.

43. Babalonis S, **Lile JA**, Martin CA, Kelly TH (2009) Progesterone modulation of the discriminative stimulus effect of triazolam in healthy, pre-menopausal women. Poster presentation. 35th Annual Convention of the International Association for Behavioral Analysis. Phoenix, AZ.
44. Babalonis S, **Lile JA**, Martin CA, Kelly TH (2009) Progesterone modulation of triazolam effects in healthy women. Poster presentation. Problems of Drug Dependence 2009: College on Problems of Drug Dependence 71st Annual Scientific Meeting. Reno/Sparks, NV.
45. **Lile JA**, Kelly TH, Hays LR (2009) GABA_A modulation of the discriminative stimulus effects of Δ^9 -THC in humans. Podium presentation. 19th Annual Symposium of the International Cannabinoid Research Society. St. Charles, IL.
46. **Lile JA**, Kelly TH, Hays LR (2009) The substitution profile of the cannabinoid agonist nabilone in humans subjects discriminating Δ^9 -THC. Poster presentation. Problems of Drug Dependence 2009: College on Problems of Drug Dependence 71st Annual Scientific Meeting. Reno/Sparks, NV.
47. Stoops WW, **Lile JA**, Rush CR (2010) The reinforcing effects of intranasal cocaine on a progressive-ratio schedule. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
48. Lee DC, **Lile JA**, Robbins G, Martin CA, Kelly TH (2010) Marijuana self-administration under a modified progressive-ratio schedule: Effects of marijuana use history. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
49. Kelly TH, Babalonis S, Emurian CE, Corbly CR, Martin CA, Wermeling DP, Joseph JE, **Lile JA** (2010) Neurobehavioral effects of intranasal d-amphetamine. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
50. Martin CA, Guenther G, House K, Beck B, Charnigo R, **Lile JA**, Kelly TH (2010) Modafinil effects on smoking cessation: A clinical trial. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
51. Rush CR, **Lile JA**, Stoops WW, Glaser PE, Hays LR (2010) GABA_A receptor modulators as medications for methamphetamine abuse. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
52. Rush CR, Stoops WW, **Lile JA** (2010) Human laboratory research: Closer to treatment but foibles exist. Podium presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
53. **Lile JA**, Stoops WW, Glaser PEA, Hays LR, Rush CR (2010) The discriminative-stimulus, self-reported and cardiovascular effects of cocaine alone and in combination with aripiprazole in humans. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
54. **Lile JA**, Stoops WW, Rush CR (2010) Searching for a self-administration procedure sensitive to pharmacological and behavioral manipulation. Podium presentation. Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Scottsdale, AZ.

55. Babalonis S, **Lile JA**, Martin CA, Kelly TH (2010) Progesterone modulation of the discriminative-stimulus effects of triazolam. Poster presentation. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72nd Annual Scientific Meeting. Scottsdale, AZ.
56. Rush CR, Stoops WW, **Lile JA**, Glaser PEA, Hays LR (2010) Novel pharmacotherapies for methamphetamine dependence. Podium presentation. 21st Annual American Academy of Addiction Psychiatry Meeting and Symposium, Boca Raton, FL.
57. **Lile JA**, Kelly TH, Hays LR (2010) The discriminative-stimulus effects of the cannabinoid agonist nabilone alone and in combination with Δ^9 -THC in humans. Poster presentation. 20th Annual Symposium of the International Cannabinoid Research Society, Lund, Sweden.
58. Lee DC, **Lile JA**, Robbins CG, Martin CA, Kelly TH (2011) Marijuana self-administration in high- and low- impulsive sensation seekers using a modified progressive-ratio procedure. Poster presentation. Society for Prevention Research 19th Annual Meeting. Washington, DC.
59. Stoops WW, **Lile JA**, Glaser PEA, Hays LR, Rush CR (2011) The influence of bupropion pretreatment on cocaine self-administration. Poster presentation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73rd Annual Scientific Meeting. Hollywood, FL.
60. Rush CR, Stoops WW, **Lile JA**, Glaser PEA, Hays LR (2011) d-Amphetamine and atomoxetine for methamphetamine abuse. Poster presentation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73rd Annual Scientific Meeting. Hollywood, FL.
61. Martin CA, Guenthner G, Charnigo R, Batten S, **Lile JA**, Kelly TH (2011) Psychological symptoms and modafinil effects on smoking cessation. Poster presentation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73rd Annual Scientific Meeting. Hollywood, FL.
62. **Lile JA**, Kelly TH, Hays LR (2011) GABA modulation of the discriminative-stimulus effects of THC in humans. Podium presentation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73rd Annual Scientific Meeting. Hollywood, FL.
63. Lee DC, **Lile JA**, Robbins CG, Martin CA, Kelly TH (2011) Marijuana self-administration in high- and low- impulsive sensation seekers using a modified progressive-ratio procedure. Poster presentation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73rd Annual Scientific Meeting. Hollywood, FL.
64. Kelly TH, Kluemper CS, Emurian CE, Corbly CR, Martin CA, Joseph JE, **Lile JA** (2011) Functional neuroimaging of the subjective effects of intranasal d-amphetamine. Poster presentation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73rd Annual Scientific Meeting. Hollywood, FL.
65. Glaser PEA, **Lile JA**, Stoops WW, Rush CR (2011) Agonist therapy for methamphetamine abuse: Is around the clock d-amphetamine safe? Poster presentation. Annual meeting of the American Academy of Child and Adolescent Psychiatry. Toronto, Canada.
66. **Lile JA**, Kelly TH, Stinchcomb AL, Forester EB, Hudson DA, Neltner MJ, Hays LR (2011) Pharmacokinetic and pharmacodynamics effects of supra-therapeutic Δ^9 -THC doses in humans. Poster presentation. European Behavioral Pharmacology Society Biennial Meeting, Amsterdam, Netherlands.

67. Stoops WW, **Lile JA**, Glaser PEA, Hays LR, Rush CR (2011) Alternative reinforcer response cost alters cocaine choice. Poster presentation. European Behavioral Pharmacology Society Biennial Meeting, Amsterdam, Netherlands.
68. **Lile JA**, Kelly TH, Stinchcomb AL, Charnigo R, Forester EB, Hudson DA, Neltner MJ, Hays LR (2012) Pharmacokinetic and pharmacodynamics effects of supra-therapeutic Δ^9 -THC doses in humans. Poster presentation. Problems of Drug Dependence 2012: College on Problems of Drug Dependence 74th Annual Scientific Meeting. Palm Springs, CA.
69. Kelly TH, Lee DC, Robbins G, Martin CA, **Lile JA** (2012) Impulsivity and d-amphetamine self-administration. Poster presentation. Problems of Drug Dependence 2012: College on Problems of Drug Dependence 74th Annual Scientific Meeting. Palm Springs, CA.
70. Wagner FP, Bennett JA, Stoops WW, **Lile JA**, Rush CR (2012) Aripiprazole does not alter methamphetamine self-administration. Poster presentation. Problems of Drug Dependence 2012: College on Problems of Drug Dependence 74th Annual Scientific Meeting. Palm Springs, CA.
71. **Lile JA**, Kelly TH, Stinchcomb AL, Charnigo R, Forester EB, Hudson DA, Neltner MJ, Hays LR (2012) Pharmacokinetic and pharmacodynamics effects of supra-therapeutic Δ^9 -THC doses in humans. Poster presentation. 22nd Annual Symposium of the International Cannabinoid Research Society, Freiburg, Germany.
72. Kelly TH, **Lile JA**, Lee DC, Bardo MT (2012) A translational analysis of impulsivity and drug abuse vulnerability: A translational analysis. Podium presentation. Society for Neuroscience 42nd Annual Scientific Meeting. New Orleans, LA.
73. Stoops WW, **Lile JA**, Rush CR (2013) The reinforcing effects of intranasal cocaine and money on concurrent progressive-ratio schedules. Poster presentation. 39th Annual Convention of the Association for Behavior Analysis International. Minneapolis, MN.
74. **Lile JA**, Kelly TH, Hays LR (2013) Separate and combined effects of gabapentin and Δ^9 -THC in cannabis users discriminating Δ^9 -THC. Poster presentation. Problems of Drug Dependence 2013: College on Problems of Drug Dependence 75th Annual Scientific Meeting. San Diego, CA.
75. Kelly TH, **Lile JA**, Lee DC, Bardo MT (2013) A translational analysis of impulsivity and drug abuse vulnerability: A translational analysis. Poster presentation. Society for Prevention Research 21st Annual Meeting. San Francisco, CA.
76. **Lile JA**, Kelly TH, Stoops WW, Fogel JS, Harvanko AM, Charnigo RJ, Hays LR (2014) Cannabis self-administration in the laboratory and use in the natural environment during outpatient tiagabine maintenance. Podium presentation. Problems of Drug Dependence 2014: College on Problems of Drug Dependence 76th Annual Scientific Meeting. San Juan, Puerto Rico.
77. Kelly TH, Anderson A, Jenkins S, Harvanko AM, Martin CA, Fogel JS, Joseph J, **Lile JA** (2014) d-Amphetamine effects and monetary incentive delay task performance: An fMRI study. Poster presentation. Problems of Drug Dependence 2014: College on Problems of Drug Dependence 76th Annual Scientific Meeting. San Juan, Puerto Rico.

78. Fogel JS, Kelly TH, Charnigo RJ, Harvanko AM, **Lile JA** (2014) Predictors of the response to oral Δ^9 -THC in regular cannabis users: Focus on sex differences. Poster presentation. Problems of Drug Dependence 2014: College on Problems of Drug Dependence 76th Annual Scientific Meeting. San Juan, Puerto Rico.
79. Harvanko AM, Martin CA, Charnigo RJ, Fogel JS, **Lile JA**, Kelly TH (2014) Predicting the effects of d-amphetamine using measures of sensation seeking and impulsivity. Poster presentation. Problems of Drug Dependence 2014: College on Problems of Drug Dependence 76th Annual Scientific Meeting. San Juan, Puerto Rico.
80. Stoops WW, **Lile JA**, Rush CR (2014) Human laboratory evaluation of putative combination pharmacotherapies for stimulant use disorder. Podium Presentation. 17th World Congress of Basic and Clinical Pharmacology. Cape Town, South Africa.
81. Johnson AR, Banks ML, Blough BE, Nicholson KL, **Lile JA**, Negus SS (2015) Development of a monkey-to-human translational procedure to evaluate candidate medications for cocaine addiction. Podium Presentation. Annual Meeting of the International Study Group Investigating Drugs As Reinforcers. Phoenix, AZ.
82. Kelly TH, Wesley MJ, Emurian CE, Martin CA, Joseph JE, **Lile JA** (2015) Positive association between medial prefrontal cortex brain volume and reward seeking in young adults. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.
83. Marks KR, Lemons A, Stoops WW, **Lile JA**, Rush CR (2015) Laboratory drug administration does not increase subsequent use in the natural ecology. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.
84. Harvanko AM, Martin CA, Fogel JS, **Lile JA**, Kelly TH (2015) A comparison of the behavioral effects of electronic and tobacco cigarettes following 24-h tobacco deprivation. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.
85. Wesley MJ, **Lile JA**, Emurian CE, Martin CA, Joseph JE, Kelly TH (2015) Multivariate pattern recognition and classification of drug and placebo using functional magnetic resonance imaging. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.
86. **Lile JA**, Negus SS, Stoops WW, Johnson A, Nicholson KL, Banks MA, Rush CR, Hays LR, Glaser PEA (2015) Coordinated and homologous intravenous cocaine self-administration procedures in monkeys and humans: A translational approach to medications development. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.
87. Fogel JS, Kelly TH, **Lile JA** (2015) Effects of repeated cue exposure on cannabis craving. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.

88. Bolin BL, **Lile JA**, Marks KR, Rush CR, Stoops WW (2015) Influence of buspirone maintenance on the pharmacodynamics effects of cocaine and sexual risk taking in cocaine users. Poster Presentation. Problems of Drug Dependence 2015: College on Problems of Drug Dependence 77th Annual Scientific Meeting. Phoenix, AZ.
89. Stoops WW, Bolin BL, **Lile JA**, Rush CR (2015) Buspirone does not alter the reinforcing, subjective or physiological effects of intranasal cocaine. Poster Presentation. 2015 Annual Meeting of the American Society of Pharmacology and Experimental Therapeutics. Boston, MA.
90. Alcorn JL, **Lile JA**, Stoops WW, Rush CR (2015) The association between participant recruitment variables and invitation to participate in substance abuse research: a retrospective analysis. Poster Presentation. Joint Meeting of the European Behavioural Pharmacology Society and European Brain and Behaviour Society. Verona, Italy.
91. Bolin BL, **Lile JA**, Marks KR, Rush CR, Stoops WW (2015) Buspirone maintenance reduces sexual risk-taking but does not alter the abuse related effects of cocaine in cocaine users. Poster Presentation. Joint Meeting of the European Behavioural Pharmacology Society and European Brain and Behaviour Society. Verona, Italy.
92. Pike E, Marks KR, **Lile JA**, Stoops WW, Glaser PEA, Hays LR, Rush CR (2015) Separate and combined effects of naltrexone and extended-release alprazolam on the reinforcing, subject-rated and physiological effects of methamphetamine. Poster Presentation. Joint Meeting of the European Behavioural Pharmacology Society and European Brain and Behaviour Society. Verona, Italy.
93. Eversole A, Black C, Martin CA, **Lile JA**, Jiang Y, Kelly TH (2015) Dimensions of impulsivity and frontal activity: individual variability for neuroinhibitory processes. Poster Presentation. 21st Annual Scientific Meeting of the Organization for Human Brain Mapping. Honolulu, HI.
94. Harvanko AM, Martin CA, Fogel JS, **Lile JA**, Kelly TH (2015) A comparison of the behavioral effects of electronic and conventional cigarettes. Poster Presentation. American Psychological Association 123rd Annual Scientific Meeting. Toronto, CA.
95. Rush CR, Alcorn JL, Pike E, **Lile JA**, Stoops WW (2016) Acute inhibitory control training in cocaine users: A pilot study. Podium Presentation. Collaborative Perspectives on Addiction conference. San Diego, CA.
96. Strickland JC, **Lile JA**, Rush CR, Stoops WW (2016) Sensitivity to reward and punishment learning in active cocaine users. Poster Presentation. Behavior, Biology and Chemistry conference. San Antonio, TX.
97. **Lile JA**, Stoops WW, Rush CR, Johnson A, Negus SS, Banks MA, Nicholson KL (2016) The influence of alternative reinforcers and d-amphetamine maintenance on intravenous cocaine choice in parallel studies in humans and rhesus monkeys. Podium Presentation. Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Palm Springs, CA.
98. Bolin BL, Alcorn JL, **Lile JA**, Rush CR, Stoops WW (2016) Influence of n-acetylcysteine maintenance on cocaine self-administration: potential importance of maintenance order. Podium presentation. Travel Award winner. Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Palm Springs, CA.

99. Alcorn JL, Pike E, **Lile JA**, Stoops WW, Rush CR (2016) Acute inhibitory control training in cocaine users. Poster Presentation. Problems of Drug Dependence 2016: College on Problems of Drug Dependence 78th Annual Scientific Meeting. Palm Springs, CA.
100. Stoops WW, **Lile JA**, Hays LR, Rayapati AO, Rush CR (2016) Safety and tolerability of cocaine during phendimetrazine maintenance. Podium Presentation. Problems of Drug Dependence 2016: College on Problems of Drug Dependence 78th Annual Scientific Meeting. Palm Springs, CA.
101. Wesley MJ, **Lile JA**, Emurian CE, Martin CA, Joseph JE, Kelly TH (2016) Striatal responses to acute d-amphetamine differentiates young adults at “high-risk” for drug abuse. Poster Presentation. Problems of Drug Dependence 2016: College on Problems of Drug Dependence 78th Annual Scientific Meeting. Palm Springs, CA.
102. Reynolds AR, Stoops WW, **Lile JA**, Rush CR (2016) The influence of buspirone maintenance on the pharmacodynamic effects of methamphetamine. Poster Presentation. Problems of Drug Dependence 2016: College on Problems of Drug Dependence 78th Annual Scientific Meeting. Palm Springs, CA.
103. Wagner FP, Romanelli MR, Strickland JC, **Lile JA**, Stoops WW, Rush CR (2016) Relationship between age of drug initiation and ADHD-indicative behavior in active cocaine users. Poster Presentation. American Psychological Association. Denver, CO.
104. Alcorn JL, Strickland JC, **Lile JA**, Stoops WW, Rush CR (2017) Acute methylphenidate administration reduces attentional bias in cocaine users but does not modulate behavioral inhibition. Poster Presentation. Behavior, Biology and Chemistry conference. San Antonio, TX.
105. Rush CR, Bolin BL, Rayapati A, Hays LR, **Lile JA**, Stoops WW (2017) Bupropion-naltrexone combinations as a pharmacotherapy for cocaine-use disorder. Poster Presentation. Problems of Drug Dependence 2017: College on Problems of Drug Dependence 79th Annual Scientific Meeting. Montreal, Canada.
106. Harvanko AM, Martin CA, **Lile JA**, Kelly TH (2017) A laboratory study on cannabis use trajectories and abuse liability. Poster Presentation. American Psychological Association 125th Annual Scientific Meeting. Washington, DC.
107. Reynolds AR, Stoops WW, **Lile JA**, Rush CR (2017) Topirimate-phentermine combinations for cocaine dependence. Poster Presentation. 47th Annual Meeting of the Society for Neuroscience. Washington, DC.
108. Strickland JC, Marks KR, Beckmann JS, **Lile JA**, Rush CR, Stoops WW (2018) Contribution of cocaine-related cues to concurrent monetary choice in humans. Poster Presentation. Behavior, Biology and Chemistry conference. San Antonio, TX. *Award winner, student presenter category.*
109. Wesley MJ, Cheng Q, C ARK, Kelly TH, **Lile JA** (2018) Neuromodulation of functional connectivity in emerging adults with cannabis use disorder. Poster Presentation. Problems of Drug Dependence 2018: College on Problems of Drug Dependence 80th Annual Scientific Meeting. San Diego, CA.
110. Alcorn JL, Stoops WW, Rush CR, **Lile JA** (2018) Pilot testing a novel signal-detection task of cannabis-cue attentional bias. Poster Presentation. Problems of Drug Dependence 2018: College on Problems of Drug Dependence 80th Annual Scientific Meeting. San Diego, CA.

111. Rush CR, Reynolds A, Bolin BL, Stoops WW, **Lile JA**, Rayapati AO, Hays LR (2018) Topiramate-phentermine combinations as a pharmacotherapy for cocaine dependence. Podium Presentation. Problems of Drug Dependence 2018: College on Problems of Drug Dependence 80th Annual Scientific Meeting. San Diego, CA.
112. Stoops WW, Alcorn JL, Strickland JC, Hays LR, Rayapati AO, **Lile JA**, Rush CR (2018) Influence of phendimetrazine maintenance on the reinforcing, subjective and physiological effects of intranasal cocaine. Podium Presentation. Problems of Drug Dependence 2018: College on Problems of Drug Dependence 80th Annual Scientific Meeting. San Diego, CA.
113. Reynolds AR, Strickland JC, Stoops WW, **Lile JA**, Rush CR (2018) Varenicline for smoking cessation in patients with cocaine use disorder: Poster Presentation. A proof of concept pilot trial. Problems of Drug Dependence 2018: College on Problems of Drug Dependence 80th Annual Scientific Meeting. San Diego, CA.
114. Harvanko AM, Martin CM, **Lile JA**, Kelly TH (2018) A laboratory study of tobacco use trajectory and abuse liability. Poster Presentation. Society for Research on Nicotine and Tobacco 24th Annual Meeting. Baltimore, MD.
115. Ashford K, McCubbin A, Westneat S, Barnett J, Ducas L, Fallin-Bennet A, **Lile JA** (2018) First trimester cannabis use, depression and stress among pregnant tobacco users. Poster Presentation. Society for Research on Nicotine and Tobacco 24th Annual Meeting. Baltimore, MD.
116. Rush CR, Stoops WW, **Lile JA** (2018) Novel Drug Combinations as a Pharmacotherapies for Cocaine-Use Disorder. Podium Presentation. National Cocaine, Methamphetamine and Stimulant Summit. Fort Lauderdale, FL.
117. Strickland JC, **Lile JA**, Stoops WW (2019). Using the purchase task procedure to evaluate non-medical prescription opioid demand: incremental validity and temporal reliability. Podium Presentation. Behavior, Biology and Chemistry conference. San Antonio, TX. *Award winner, student presenter category.*
118. Stoops WW, Strickland JC, Havens JR, Sexton TR, **Lile JA**, Rush CR, Smyth SS (2019). Relationship of cardiac health indicators to cocaine use variables. Podium Presentation. Problems of Drug Dependence 2019: College on Problems of Drug Dependence 81st Annual Scientific Meeting. San Antonio, TX.
119. **Lile JA**, Alcorn JL, Hays LR, Kelly TH, Rush CR, Stoops WW, Wesley MJ, Westgate PM (2018). Influence of a low dose of pregabalin maintenance on cannabis effects and related behaviors in daily cannabis users. Poster Presentation. Problems of Drug Dependence 2019: College on Problems of Drug Dependence 81st Annual Scientific Meeting. San Antonio, TX.
120. Strickland JC, **Lile JA**, Stoops WW (2019). Influence of cannabis-related cues on concurrent monetary choice in humans. Podium Presentation. Problems of Drug Dependence 2019: College on Problems of Drug Dependence 81st Annual Scientific Meeting. San Antonio, TX.

121. Wesley MJ, Beckmann JB, Alcorn JL 3rd, Bolin BL, Ponder M, Rush CR, Smith AP, Stoops WW, Strickland JC, **Lile JA** (2019). An innovative approach for studying decision-making deficits in cocaine use disorder. "Late Breaking" Podium Presentation. Problems of Drug Dependence 2019: College on Problems of Drug Dependence 81st Annual Scientific Meeting. San Antonio, TX.
122. Strickland JC, Stoops WW, **Lile JA**, Rush CR (2019). Commodity reference sampling in the purchase task procedure: Evaluating dose-dependency and the influence of methylphenidate on demand. Behavioral Pharmacology Society Annual Scientific Meeting. Orlando, FL.

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XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS - *continued*

C. SPONSORED RESEARCH PROJECTS, GRANT & CONTRACT ACTIVITIES

Active (*Effort shown for currently funded projects for which salary/benefits support is provided*)

Title: Human Lab Screening of Pregabalin & Tiagabine for Cannabis Dependence
Number: R01 DA036550
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/01/14-06/30/20
Total Award: \$2,093,893
Effort: 26%

Title: A Translational Determination of the Neurobehavioral Mechanisms of Maladaptive Dynamic Choice in Cocaine Use Disorder
Number: R01 DA045023
MPI: Joshua Lile, Ph.D. Joshua Beckmann, Ph.D. and Michael Wesley, Ph.D.
Role: Contact Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 07/01/18-04/30/23
Total Award: \$3,032,759
Effort: 26%

Title: A Translational Determination of the Neurobehavioral Mechanisms of Maladaptive Dynamic Choice in Opioid Use Disorder
Number: R01 DA047368
MPI: Joshua Lile, Ph.D. Joshua Beckmann, Ph.D. and Michael Wesley, Ph.D.
Role: Contact Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 04/15/19-02/29/24
Total Award: \$3,131,664
Effort: 23%

Title: Neural Mechanisms of Cannabinoid-Impaired Decision-Making in Emerging Adults
Number: K01 DA043652
PI: Michael Wesley, Ph.D.
Role: Mentor
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 07/15/18-06/30/23
Total Award: \$792,025

Title: Research Training in Drug Abuse Behavior
Number: T32 DA07304
PI: Craig Rush, Ph.D.
Role: Training Faculty
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 08/01/98-06/30/23
Total Award: \$3,778,110 (current 5-year funding period)

Title: Training Drug Abuse Related Research
Number: T32 DA016176
PI: Linda Dwoskin, Ph.D.
Role: Training Faculty
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 07/01/04-06/30/19
Total Award: \$1,144,380 (current 5-year funding period)

Title: Interdisciplinary Training in Alcohol Research
Number: T32 AAA027488
PI: Mark Fillmore, Ph.D.
Role: Training Faculty
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Alcohol Abuse and Alcoholism
Duration: 04/01/19-03/31/24
Total Award: \$1,210,430 (current 5-year funding period)

Title: Examining the Impact of Electronic Cigarettes and Cannabis on Perinatal Responsiveness and Birth Outcomes
Number: Administrative Supplement for R01 DA040694
PI: Kristin Ashford, Ph.D., WHNP-BC, FAAN
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 06/01/17-07/31/19
Total Award: \$96,632 (supplement amount)
Effort: 5%

Title: CDART Center for Drug Abuse Research Translation
Number: P50 DA005312
PI: Michael Bardo, Ph.D.
Role: Project 2 Co-Investigator (PI: Thomas Kelly, Ph.D.)
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/30/92-06/30/19
Total Award: \$7,061,081 (current funding period)

Title: Topiramate-Phentermine Combinations as a Pharmacotherapy for Cocaine Dependence
Number: R01 DA036827
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/15/14 – 03/31/19
Total Award: \$2,044,943
Effort: 10%

Title: A Novel Drug Combination for Alcohol-Use Disorder
Number: R01 AA026255
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Alcohol Abuse and Alcoholism
Duration: 07/01/18-06/30/21
Total Award: \$1,918,581
Effort: 5%

Title: Selective Monoamine Releasers as a Treatment for Cocaine Use Disorders
Number: R01 DA036553
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/01/14 – 5/31/19
Total Award: \$1,802,290
Effort: 7.5%

Title: A Human Laboratory Study of n-Acetylcysteine for Alcohol Use Disorder
Number: R21 AA026129
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Alcohol Abuse and Alcoholism
Duration: 09/05/17-08/31/19
Total Award: \$375,485
Effort: 3%

Title: Health, Biological, Psychological and Social Benefits of Reduced Cocaine Use
Number: R01 DA043938
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/01/17-05/31/22
Total Award: \$2,922,854
Effort: 5%

Title: Influence of Orexin Antagonism on Motivation for Cocaine
Number: R01 DA048617
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 05/01/19-04/30/21
Total Award: \$1,106,795
Effort: 5%

Title: A Novel Drug Combination as a Pharmacotherapeutic for Methamphetamine-Use Disorder
Number: R01 DA047391
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Total Award: \$2,083,278
Status: Pending, Impact Score: 19 (3rd percentile)

Title: Advancing a Bupropion-Naltrexone Combination for Cocaine-Use Disorder
Number: R01 DA043935
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Total Award: \$2,133,953
Status: Pending, Impact Score: 31 (17th percentile)

Title: Advancing a Topiramate-Phentermine Combination for Cocaine-Use Disorder
Number: R01 DA044114
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Total Award: \$2,183,386
Status: Pending, Impact Score: 22 (7th percentile)

Title: Advancing Clavulanic Acid as a Treatment for Cocaine Use Disorder
Number: R01 DA046182
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Total Award: \$1,087,355
Status: Pending, Impact Score: 33 (12th percentile)

Title: Glutamatergic Mechanisms of Opioid and Cocaine Co-Use
Number: R21/R33 DA049130
MPI: Cassie Gipson, Ph.D. and William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Total Award: \$1,742,506
Status: Pending, SRG Review Spring 2019

XIV. RESEARCH & INTELLECTUAL CONTRIBUTIONS - *continued*

C. SPONSORED RESEARCH PROJECTS, GRANT & CONTRACT ACTIVITIES - *continued*

Inactive

Title: The Role of Monoamine Transporters in Monkey Models of Cocaine Abuse
Number: F31 DA00534
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: Wake Forest University School of Medicine
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 08/15/99-08/14/02
Total Award: \$92,904

Title: Assessment of the Reinforcing Effects of Nicotinized Water in Humans
Number: Petite Grant
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: Center on Drug and Alcohol Research
Duration: 07/01/04-6/30/05
Total Award: \$2,000

Title: A Pharmacological Analysis of Δ^9 -THC in Humans
Number: Research Support Grant
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: Office of the Vice President for Research
Duration: 05/01/05-04/30/06
Total Award: \$20,580

Title: A Pharmacological Analysis of Δ^9 -THC in Humans
Number: K01 DA018772
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 06/01/05-05/31/11
Total Award: \$653,940

Title: The Effects of d-Amphetamine Before and After an Experimentally Imposed History of Alcohol Use
Number: Petite Grant
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: Center on Drug and Alcohol Research
Duration: 07/01/05-6/30/06
Total Award: \$2,000

Title: Fluvoxamine-Precipitated Withdrawal in Cannabis-Dependent Humans
Number: Pilot Project supported by P50 DA005312
PI: Joshua Lile, Ph.D. (P50 PI: Michael Bardo, Ph.D.)
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 1/1/08-12/31/08
Total Award: \$20,000

Title: GABA Drugs for Cannabis-Use Disorders: Initial Mechanistic Studies in Humans
Number: R01 DA025605
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/15/08-07/31/15
Total Award: \$1,465,000

Title: Tiagabine Effects on Cannabis Use in the Laboratory and Natural Environment
Number: Pilot Project supported by CTSA UL1TR000117
PI: Joshua Lile, Ph.D. (CTSA PI: Philip Kern, MD)
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Center for Advancing Translational Sciences
Duration: 03/31/11-02/28/13
Total Award: \$24,736

Title: Medications Development for Cannabis-Use Disorders: Clinical Studies
Number: K02 DA031766
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 07/01/11-06/30/16
Total Award: \$507,224

Title: Medications Development for Cocaine: A Translational Approach in Monkey and Man
Number: R01 DA033364
PI: Joshua Lile, Ph.D.
Role: Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 02/01/13-06/30/18
Total Award: \$1,869,096

Title: Bodhi: Integrated Neural Biofeedback and Entrainment for Substance Use Disorders
Number: NIDA Startup Challenge (Project 7)
MPI: Joshua Lile, Ph.D., Michael Wesley, Ph.D., Arit Harvanko, M.A., David Hempy, B.S.
Role: Contact Principal Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 01/01/17-12/31/17
Total Award: \$10,000

Title: A Neurofeedback and Brain Stimulation Device to Prevent Relapse During Buprenorphine Cessation in Stable Patients with Opioid Dependence
Number: KSEF-17-SBIR-510 Phase Zero
MPI: Joshua Lile, Ph.D., Michael Wesley, Ph.D., Arit Harvanko, M.A., Dillon Huffman, M.S.
Role: Contact Principal Investigator
Institution: University of Kentucky
Source: Kentucky Science and Engineering Foundation
Duration: 08/01/17-12/31/17
Total Award: \$4,000

Title: Treatment Development for Methamphetamine Abuse
Number: R01 DA031718
PI: Matthew Banks, Ph.D.
Role: Clinical Research Advisor
Institution: Virginia Commonwealth University
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/15/12 - 07/31/17
Total Award: \$1,162,537

Title: Effects of Environmental Cues on Cannabis Craving
Number: Behavioral Science Pilot Project
PI: Jessica Fogel, B.S.
Role: Graduate Advisor
Institution: University of Kentucky
Source: College of Medicine Department of Behavioral Science
Duration: 02/15/14 - 06/30/14
Total Award: \$3,120

Title: A Laboratory Study of Brain Stimulation as a Treatment for Cannabis Use Disorder in Young Adults
Number: Pilot Project supported by CTSA UL1TR000117
PI: Michael Wesley, Ph.D. (CTSA PI: Philip Kern, MD)
Role: Mentor
Institution: University of Kentucky
Source: National Institutes of Health/ National Center for Advancing Translational Sciences
Duration: 03/01/16-03/30/18
Total Award: \$25,000

Title: Center of Biomedical Research Excellence in Women's Health
Number: P20 RR015592
PI: Thomas Curry, Ph.D., Project 5 PI: Thomas Kelly, Ph.D.
Role: Project 5 Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/15/00-02/28/11
Total Award: \$14,456,709 (project total across both award periods)

Title: Stimulant Abuse Pharmacotherapy: Novel Antipsychotics
Number: R01 DA017711
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 08/01/05-04/30/10
Total Award: \$1,576,113

Title: Cocaine Relapse Prevention: Developing Pharmacotherapies
Number: R01 DA020429
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/27/05-08/31/09
Total Award: \$1,411,489

Title: Agonist Replacement Therapy for Cocaine Dependence: Identifying Novel Medications
Number: R01 DA021155
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 06/01/06-09/31/11
Total Award: \$1,418,870

Title: GABA_A Modulation as a Target for Developing Medications for Methamphetamine Abuse
Number: R01 DA025591
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/15/08-02/28/13
Total Award: \$1,399,295

Title: Agonist Replacement Therapy for Methamphetamine Dependence: Human Lab Studies
Number: R01 DA025032
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 01/01/09-12/31/14
Total Award: \$1,784,088

Title: Novel Anti-Obesity Drug Combination as a Pharmacotherapy for Cocaine Dependence
Number: R01 DA032254
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/15/12-06/30/18
Total Award: \$1,867,056

Title: Buspirone as a Candidate Medication for Methamphetamine Abuse
Number: R21 DA035481
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 04/15/13-03/31/17
Total Award: \$374,315

Title: Targeting GABA and Opioid Systems for a Pharmacotherapy for Methamphetamine Abuse
Number: R01 DA033394
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 09/30/13 - 08/31/18
Total Award: \$1,932,910

Title: Monoamine Uptake Inhibition for Cocaine Dependence: A Novel Drug Combination
Number: R56 DA041201
PI: Craig Rush, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 05/01/16 - 04/30/19
Total Award: \$397,594
Effort: 2.5%

Title: Human Laboratory Model of Pharmacological and Behavioral Therapy for Cocaine Dependence
Number: R21 DA024089
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 12/01/07-11/30/10
Total Award: \$402,875

Title: A Human Laboratory Study to Investigate Bupirone for Cocaine Use Disorders
Number: R21 DA034095
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 07/01/12-01/31/16
Total Award: \$371,076

Title: Motivation for Cocaine and Non-Drug Reinforcers: Targeting Glutamate Homeostasis
Number: R21 DA035376
PI: William Stoops, Ph.D.
Role: Co-Investigator
Institution: University of Kentucky
Source: National Institutes of Health/ National Institute on Drug Abuse
Duration: 06/01/14 - 05/31/18
Total Award: \$382,426

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