

## CURRICULUM VITA

### JOSHUA ANTHONY LILE

BIRTH: December 3, 1975  
Louisville, KY, USA

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

Fall 1997-Fall 2003 Wake Forest University School of Medicine  
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.

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

EMPLOYMENT:  
July 2011 Regular Title Series Associate Professor  
Department of Behavioral Science  
University of Kentucky College of Medicine  
June 2004-December 2010 Research Title Series Assistant Professor  
Department of Behavioral Science  
University of Kentucky College of Medicine  
April 2006-Present Associate Director  
UK Residential Research Facility  
University of Kentucky College of Medicine

CURRENT PROFESSIONAL MEMBERSHIPS:  
2003-present American Psychological Association, Division 28  
1999-present Behavioral Pharmacology Society  
1999-present College on Problems of Drug Dependence  
2006-present International Cannabinoid Research Society  
2003-present International Study Group Investigating Drugs as Reinforcers

HONORS, AWARDS AND FELLOWSHIPS:  
2010 Center for Clinical and Translational Science Research Spotlight  
University of Kentucky

- 2006 Women and Gender Junior Investigator Travel Award  
College on Problems of Drug Dependence Annual Meeting, Scottsdale, AZ
- 2005 National Institute on Drug Abuse  
Divisions 28 and 50 Travel Award  
American Psychological Association Annual Meeting, Washington, DC  
National Institute on Drug Abuse  
Division of Basic Neuroscience and Behavioral Research
- 2005 CPDD Early Career Investigator Award  
College on Problems of Drug Dependence 67<sup>th</sup> Annual Meeting  
Orlando, FL  
College on Problems of Drug Dependence
- 2004 Outstanding Dissertation Award  
American Psychological Association Annual Meeting, Honolulu, HI  
Friends Institute
- 2003 Women and Gender Junior Investigator Travel Award  
College on Problems of Drug Dependence 65<sup>th</sup> Annual Meeting, Bal Harbor, FL
- 2003 National Institute on Drug Abuse  
National Institute on Mental Health Postdoctoral Training Fellowship  
Department of Behavioral Science, University of Kentucky College of Medicine
- 2002 Travel Award  
American Society for Pharmacology and Experimental Therapeutics, New Orleans, LA  
Proctor and Gamble
- 2001 Travel Award  
First Joint Meeting of the European Brain and Behaviour Society and European Behavioural Pharmacology Society, Marseilles, France  
Behavioral Pharmacology Society
- 1999 Travel Award  
Boston 1999, The First Congress of The Behavioral Pharmacology Society and The European Behavioural Pharmacology Society, Boston, MA  
National Institute on Drug Abuse
- 1998-1999 National Institute on Drug Abuse Predoctoral Training Fellowship  
Department of Physiology and Pharmacology, Wake Forest University School of Medicine
- 1997-1998 Graduate Fellowship  
Department of Physiology and Pharmacology, Wake Forest University School of Medicine

EDUCATIONAL ACTIVITIES:

Graduate Faculty Positions

Associate Graduate Faculty in Psychology  
University of Kentucky  
2006-2011

Associate Graduate Faculty in Behavioral Science  
University of Kentucky  
2011-current

*Revised 9/11*

Courses

Fall 2011

BSC 731: Methods and Technologies in Clinical and Translational Science  
University of Kentucky College of Medicine  
Course Co-Director

Fall 2011

MD 811: Introduction to Clinical Medicine I  
University of Kentucky College of Medicine  
Course Instructor

Spring 2011

PSY 780: Problems in Psychology  
University of Kentucky College of Arts and Sciences  
Lecture: "Targeting Cannabinoid and GABA Systems for Medications Development for Cannabis-Use Disorders".

Spring 2011, Fall 2010

BIO 395: Independent Work in Biology  
University of Kentucky College of Arts and Sciences  
Faculty mentor for Ms. Lauren Hayden.

Spring 2010

PSY 780: Problems in Psychology  
University of Kentucky College of Arts and Sciences  
Lecture: "Laboratory Methods to Study the Effects of Cannabis and Develop Treatments for Dependence".

Spring 2010

BIO 395: Independent Work in Biology  
University of Kentucky College of Arts and Sciences  
Faculty mentor for Ms. Jaclyn Miller.

Spring 2009

Psychiatry Resident Didactic Training  
University of Kentucky College of Medicine  
Lecture: "The Pharmacokinetic and Pharmacodynamic Effects of Supra-Therapeutic Doses of THC in Humans" to approximately 12 Psychiatry Residents.

Fall 2007

BIO 395: Independent Work in Biology  
University of Kentucky College of Arts and Sciences  
Faculty mentor for Ms. Tasha Phillips.

Fall 2007

BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and Dependency  
University of Kentucky College of Medicine  
Lecture: "Human Laboratory Models of Drug Use".

*Revised 9/11*

Spring 2007, Fall 2006

PSY 395: Independent Work in Psychology  
University of Kentucky College of Arts and Sciences  
Faculty mentor for Mr. David Splichal.

Spring 2006

PSY 780: Problems in Psychology  
University of Kentucky College of Arts and Sciences  
Lecture: "Drug Discrimination in Humans".

Spring 2005

BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and Dependency  
University of Kentucky College of Medicine  
Lecture: "Animal Models of Drug-Related Disorders".

Fall 2004

BSC 776: Biobehavioral Perspectives on Drug and Alcohol Abuse and Dependency  
University of Kentucky College of Medicine  
Lectures: "Individual Differences I: Pharmacological History" and "Individual Differences II: Gender".

Spring 2002

BIO 2312: Anatomy and Physiology II  
Guest Faculty, Winston-Salem State University  
Course Co-director and Laboratory Instructor  
This undergraduate course was the second semester of the Anatomy and Physiology sequence and covered the nervous, endocrine, circulatory, respiratory, digestive, urinary and reproductive systems.

Fall 2001

PHAR 704: Behavioral Pharmacology  
Wake Forest University School of Medicine  
Course Co-instructor and –director  
This graduate course provided a historical perspective on, and educated students about, the effects of drugs on behavior. In particular, an emphasis was placed on interactions between the organism and the environment, which is an often overlooked, but crucial determinant of drug effects.

#### Community Education

- |      |  |
|------|--|
| 2011 | Presentation to the UK Health Researchers Youth Academy on "Understanding and developing treatments for cannabis-use disorders using human laboratory models". |
| 2011 | Presentation to the UK Student Wellness Ambassadors and the Office of Substance Education and Responsibility on "The neurobiology of drug-use disorders".      |
| 2010 | Presentation to the UK Health Researchers Youth Academy on "Understanding and treating cannabis-use disorders".  |
| 2009 | Interview for "The Marijuana Belt"<br>WKMS Public Radio, Murray, KY  |
| 2009 | Presentation to the Kentucky Epidemiology Workgroup on "Understanding and treating cannabis-use disorders".  |

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1999 Presentation to the Wake Forest University School of Medicine Community Tour on  
"The importance of animal research in biomedical sciences".

Dissertation Committees

Dustin Lee, M.S. 2010-current  
University of Kentucky College of Arts and Sciences  
Department of Psychology

Shanna Babalonis, Ph.D. Dissertation Committee Member  
2006-2010  
University of Kentucky College of Arts and Sciences  
Department of Psychology

Psychiatry Resident Research Mentoring

Elizabeth Forester, M.D. Spring 2009  
University of Kentucky College of Medicine

Matthew Neltner, M.D. Fall 2008, Spring 2009  
University of Kentucky College of Medicine

PROFESSIONAL SERVICE

2011 National Institute on Drug Abuse T32 (DA07304)  
Trainee Selection Committee Member  
University of Kentucky

2008 Co-editor, International Psychiatry Review  
Special Issue on Cannabis and Cannabinoids

2008-current Member, Committee on Abuse Liability Testing  
College on Problems of Drug Dependence

2007 Co-Organizer, Columbia University and University of Kentucky Human  
Behavioral Pharmacology Symposium.  
Columbia University

2007 Chair, Wyeth Young Psychopharmacologist Award Presentation  
American Psychological Association 115<sup>th</sup> Annual Convention

2006 Co-Chair, Oral Communications 27:  
Sex Matters  
College on Problems of Drug Dependence 68<sup>th</sup> Annual Scientific  
Meeting

2004-2007 Membership Chair  
American Psychological Association Division 28 Psychopharmacology  
and Substance Abuse

2004-2005 Departmental Seminar Coordinator  
Department of Behavioral Science  
University of Kentucky College of Medicine

2004 Trainee Development Forum Series Coordinator  
Department of Behavioral Science  
University of Kentucky College of Medicine

2004 Co-Chair, Oral Communications XIX:  
Unconventional Treatment for Drug and Alcohol Abuse  
College on Problems of Drug Dependence 66<sup>th</sup> Annual Scientific  
Meeting

- 2003 Co-Chair, Oral Communications XI: Gender Bender  
College on Problems of Drug Dependence 65<sup>th</sup> Annual Scientific Meeting
- 2001 Co-Chair, Oral Communications I: In A Bind: Receptors and Cocaine  
College on Problems of Drug Dependence 63<sup>rd</sup> Annual Scientific Meeting
- 1998-2000 Matching Matriculants and Returning Students Participant  
Department of Physiology and Pharmacology  
Wake Forest University School of Medicine

JOURNAL REVIEW (*Ad hoc*):

Addiction  
American Journal of Drug and Alcohol Abuse  
Behavioral Processes  
Biological Psychiatry  
Brain Research Reviews  
Drug and Alcohol Dependence  
European Journal of Pharmacology  
Experimental and Clinical Psychopharmacology  
Hormones and Behavior  
Human Psychopharmacology: Experimental and Clinical  
International Journal of Neuropsychopharmacology  
International Journal of Neuroscience  
International Review of Psychiatry  
Journal of Acquired Immune Deficiency Syndrome  
Journal of Addiction Medicine  
Journal of Clinical Pharmacology  
Journal of Pharmacology and Experimental Therapeutics  
Journal of Psychopharmacology  
Neuropsychopharmacology  
Pharmacology, Biochemistry and Behavior  
Progress in Neurobiology and Biological Psychiatry  
Psychopharmacology  
Substance Abuse: Research and Treatment

FUNDING:

Current

*Principal Investigator*

K02 DA031766 (Lile, JA)

National Institutes of Health/ National Institute on Drug Abuse  
Medications Development for Cannabis-Use Disorders: Clinical Studies  
07/01/11-06/30/16

R01 DA025605 (Lile, JA)

National Institutes of Health/ National Institute on Drug Abuse  
GABA Drugs for Cannabis-Use Disorders: Initial Mechanistic Studies in Humans  
09/15/08-07/31/12

Center for Clinical and Translational Science Pilot Project (Lile, JA)

Tiagabine Effects on Cannabis Use in the Laboratory and Natural Environment  
University of Kentucky College of Medicine  
09/01/11-08/31/12

*Revised 9/11*

*Co-Investigator*

R01 DA025591 (Rush, CR)

National Institutes of Health/National Institute on Drug Abuse  
GABA<sub>A</sub> Modulation as a Target for Developing Medications for Methamphetamine Abuse  
09/15/08-02/28/13

T32DA07304 (Rush, CR)

National Institutes of Health/National Institute on Drug Abuse  
Research Training in Drug Abuse Behavior  
08/01/98-06/30/13

Under Review

*Principal Investigator*

R01 Number To Be Determined (Lile, JA)

National Institutes of Health/ National Institute on Drug Abuse  
Cocaine Medications Development: A Translational Approach in Monkey and Man  
04/01/12-03/31/17

*Co-Investigator*

R01 To Be Determined (Stoops, WW)

National Institutes of Health/ National Institute on Drug Abuse  
Enhancing GLT1 Activity to Reduce Methamphetamine Use  
07/01/12-06/30/16

R21 To Be Determined (Stoops, WW)

National Institutes of Health/ National Institute on Drug Abuse  
A Human Laboratory Study to Investigate Bupropion for Cocaine-Use Disorders  
07/01/12-06/30/14

R01 To Be Determined (Rush, CR)

National Institutes of Health/National Institute on Drug Abuse  
Naltrexone and Alprazolam Combinations as Pharmacotherapy for Cocaine Dependence  
04/01/12-03/31/16

R01 DA033340 (Stoops, WW)

National Institutes of Health/ National Institute on Drug Abuse  
Restoring Glutamate Homeostasis to Reduce Cocaine Relapse  
04/01/12-03/31/17

R01 DA031718 (Banks ML)

National Institutes of Health/National Institute on Drug Abuse  
Treatment Development for Methamphetamine Abuse  
04/01/12 - 03/31/17  
Role: Clinical Research Consultant

R01 DA032527 (Stoops, WW)

National Institutes of Health/ National Institute on Drug Abuse  
Risk Factors for Prescription Drug Abuse: Human Laboratory Studies  
09/01/11-08/31/15

*Revised 9/11*

R01 DA031701 (Stoops, WW)

National Institutes of Health/ National Institute on Drug Abuse  
Nicotinic ACh Agents and Cocaine: Human Lab Drug Combination Studies  
07/01/11-06/30/14

R01 DA032254 (Rush, CR)

National Institutes of Health/National Institute on Drug Abuse  
A Novel Anti-Obesity Drug Combination as Pharmacotherapy for Cocaine Dependence  
06/01/11-5/31/16  
Impact/Priority Score: 51

Completed

*Principal Investigator*

6. P50 DA005312 (Center: Bardo, MT; Pilot Project: Lile, JA)

National Institutes of Health/National Institute on Drug Abuse  
Fluvoxamine-Precipitated Withdrawal in Cannabis-Dependent Humans  
1/1/08-12/31/08

5. K01 DA018772 (Lile, JA)

National Institutes of Health/National Institute on Drug Abuse  
A Pharmacological Analysis of  $\Delta^9$ -THC in Humans  
06/01/05-05/31/11

4. Center on Drug and Alcohol Research Petite Grant (Lile, JA)

University of Kentucky College of Medicine  
The Effects of d-Amphetamine Before and After an Experimentally Imposed History of Alcohol Use  
07/01/05-6/30/06

3. University of Kentucky Research Support Grant (Lile, JA)

University of Kentucky  
A Pharmacological Analysis of  $\Delta^9$ -THC in Humans  
05/01/05-04/30/06

2. Center on Drug and Alcohol Research Petite Grant (Lile, JA)

University of Kentucky College of Medicine  
Assessment of the Reinforcing Effects of Nicotinized Water in Humans  
07/01/04-6/30/05

1. F31 DA00534 (Lile, JA)

National Institutes of Health/National Institute on Drug Abuse  
The Role of Monoamine Transporters in Monkey Models of Cocaine Abuse  
08/15/99-08/14/02

*Co-Investigator*

5. R21 DA024089 (Stoops, WW)

National Institutes of Health/ National Institute on Drug Abuse  
Human Laboratory Model of Pharmacological and Behavioral Therapy for Cocaine Dependence  
12/01/07-9/30/11

4. R01 DA021155 (Rush, CR)  
National Institutes of Health/National Institute on Drug Abuse  
Agonist Replacement Therapy for Cocaine Dependence: Identifying Novel Medications  
06/01/06-09/30/11
3. P20 RR015592 (Curry, T)  
National Institutes of Health/National Center for Research Resources  
Center of Biomedical Research Excellence in Women's Health  
09/15/00-02/28/11
2. R01 DA020429 (Rush, CR)  
National Institutes of Health/National Institute on Drug Abuse  
Cocaine Relapse Prevention: Developing Pharmacotherapies  
09/27/05-08/31/09
1. R01 DA017711 (Rush, CR)  
National Institutes of Health/National Institute on Drug Abuse  
Stimulant Abuse Pharmacotherapy: Novel Antipsychotics  
08/01/05-04/30/10

BIBLIOGRAPHY:

Refereed Original Investigations

41. Stoops WW, Lile JA, Hays LR, Glaser PEA, Rush CR. Influence of alternative reinforcer response cost on cocaine choice in humans. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, accepted pending revision.
40. Martin CA, Lile JA, Guenther G, Anestis J, Batten S, Kelly TH. Behavioral effects of modafinil, alone and in combination, in tobacco deprived young adult smokers. *Psychopharmacology*, accepted pending revision.
39. Stoops WW, Lile JA, Hays LR, Glaser PEA, Rush CR. Influence of acute bupropion pretreatment on the effects of intranasal cocaine. *Addiction*, accepted pending revision.
38. Lile JA, Kelly TH and Hays LR (2011). Separate and combined effects of the GABA reuptake inhibitor tiagabine and  $\Delta^9$ -THC in humans discriminating  $\Delta^9$ -THC. *Drug and Alcohol Dependence*, Epub ahead of print. PMID: 21975159.
37. Rush CR, Stoops WW, Lile JA, Glaser PEA, Hays LR (2011). Physiological and subjective effects of acute intranasal methamphetamine during atomoxetine maintenance. *Pharmacology, Biochemistry and Behavior*, Epub ahead of print. PMID: 21802442.
36. Lile JA, Stoops WW, Glaser PEA, Hays LR, Rush CR (2011). Subjective and physiological effects of acute intranasal methamphetamine during extended-release alprazolam maintenance. *Drug and Alcohol Dependence*, Epub ahead of print. PMID: 21737214.
35. Lile JA, Stoops WW, Glaser PEA, Hays LR, Rush CR (2011). Discriminative-stimulus, subject-rated, performance and cardiovascular effects of cocaine alone and in combination with aripiprazole in humans. *Journal of Psychopharmacology*, Epub ahead of print. PMID: 20952456.

34. Babalonis S, Lile JA, Martin CA, Kelly TH (2011). Progesterone effects on the discriminative-stimulus, subjective and performance effects of triazolam in healthy, pre-menopausal women. *Behavioral Pharmacology* (Special Issue in memory of Francis Colpaert), 22: 441-9. PMID: 21808190.
33. Lile JA, Kelly TH and Hays LR (2011). Separate and combined effects of the cannabinoid agonists nabilone and  $\Delta^9$ -THC in humans discriminating  $\Delta^9$ -THC. *Drug and Alcohol Dependence*, 116: 86-92. PMID: 21227600. PMCID: PMC3089804.
32. Babalonis S, Lile JA, Martin CA, Kelly TH (2011). Physiological doses of progesterone potentiate the effects of triazolam in healthy, pre-menopausal women. *Psychopharmacology*, 215: 429-39. PMID: 21350928. PMCID: In Process.
31. Rush CR, Stoops WW, Lile JA, Glaser PEA, Hays LR (2011). Subjective and physiological effects of acute intranasal methamphetamine during d-amphetamine maintenance. *Psychopharmacology*, 214: 665-74. PMID: 20952456 PMCID: In Process.
30. Lile JA, Babalonis S, Emurian C, Martin CA, Wermeling D, Kelly TH (2011). Comparison of the behavioral and cardiovascular effects of intranasal and oral d-amphetamine in healthy human subjects. *Journal of Clinical Pharmacology*. 51: 899-907. PMID: 20671295 PMCID: In Process.
29. Lile JA, Kelly TH and Hays LR (2010). Substitution profile of the cannabinoid agonist nabilone in humans discriminating  $\Delta^9$ -tetrahydrocannabinol. *Clinical Neuropharmacology* 33: 235-42. PMID: 20838217. PMCID: PMC2712322.
28. Stoops WW, Lile JA, Glaser PEA, Hays LR, Rush CR (2010). Intranasal cocaine functions as a reinforcer on a progressive ratio schedule in humans. *European Journal of Pharmacology*, 644: 101-5. PMID: 20638380 PMCID: PMC2923266.
27. Lile JA, Stoops WW and Rush CR (2010) Monetary alternative reinforcers more effectively decrease intranasal cocaine choice than food alternative reinforcers. *Pharmacology, Biochemistry and Behavior*, 95: 187-91. PMID: 20109483 PMCID: PMC2830279.
26. Lile JA, Kelly TH and Hays LR (2010) The reinforcing, self-reported, performance and physiological effects of  $\Delta^9$ -THC, triazolam, hydromorphone and methylphenidate in cannabis users. *Behavioural Pharmacology*, 21: 29-38. PMID: 19949319. PMCID: PMC2903043.
25. Lile JA, Kelly TH, Pinsky DJ, and Hays LR (2009) Substitution profile for  $\Delta^9$ -THC, triazolam, hydromorphone and methylphenidate in humans discriminating  $\Delta^9$ -THC. *Psychopharmacology*, 203 (Special Issue on the Stimulus Properties of Drugs): 241-250. PMID: 19018520 PMCID: PMC2712322.
24. Lile JA, Stoops WW, Hays LR and Rush CR (2008). The safety, tolerability, and subject-rated effects of acute intranasal cocaine administration during aripiprazole maintenance II: Increased aripiprazole dose and maintenance period. *The American Journal of Drug and Alcohol Abuse*, 34: 721-9. PMID: 18855244 PMCID: PMC2713051.
23. Babalonis MA, Emurian C, Martin CA, Lile JA and Kelly TH (2008). Modulation of the discriminative-stimulus effects of triazolam across the menstrual cycle phase in healthy pre-menopausal women. *Drug and Alcohol Dependence*, 94: 276-80. PMID: 18178039 PMCID: PMC2440678.

22. Stoops WW, Lile JA, Lofwall MR and Rush CR (2007). The safety, tolerability, and subject-rated effects of acute intranasal cocaine administration during aripiprazole maintenance. *The American Journal of Drug and Alcohol Abuse*, 33: 769-76. PMID: 17994473.
21. Lile JA, Kendall SL, Babalonis S, Martin CA and 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.
20. Vansickel AR, Lile JA, Stoops WW and 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.
19. Stoops WW, Vansickel AR, Lile JA, and 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.
18. Stoops WW, Lile JA, Robbins G, Martin CA, Rush CR, and 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.
17. Stoops WW, Lile JA, Glaser PEA and 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.
16. Lile JA, Stoops WW, Durell TM, Glaser PEA and 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.
15. Claytor R, Lile JA and Nader MA (2006). Effects of a D<sub>2</sub>/D<sub>3</sub> and a putative D<sub>3</sub> antagonist on food- and cocaine-maintained responding in rhesus monkeys. *Pharmacology, Biochemistry and Behavior*, 83: 456-64. PMID: 16631246.
14. Lile JA, Stoops WW, Wagner FP, Glaser PEA and Rush CR (2005). Oxazepam does not modulate the behavioral effects of d-amphetamine in humans. *Pharmacology, Biochemistry and Behavior*, 82: 270-9. PMID: 16182353.
13. Lile JA, Stoops WW, Vansickel AR, Glaser PEA, Hays LR and Rush CR (2005) Aripiprazole attenuates the discriminative-stimulus and subject-rated effects of d-amphetamine in humans. *Neuropsychopharmacology*, 30: 2103-14. PMID: 15988473.
12. Rush CR, Higgins ST, Vansickel AR, Stoops WW, Lile JA and Glaser PEA (2005) Methylphenidate increases cigarette smoking. *Psychopharmacology*, 181: 781-9. PMID: 15983792.
11. Stoops WW, Lile JA, Filmore MT, Glaser PEA and 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 and 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.

9. Stoops WW, Lile JA, Glaser PEA and 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.
8. Stoops WW, Lile JA, Fillmore MT, Glaser PEA and Rush CR (2005) Reinforcing effects of methylphenidate: influence of dose and behavioral demands following drug administration. *Psychopharmacology*, 177: 349-55. PMID: 15609070.
7. Lile JA, Stoops WW, Hays LR and 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.
6. Lile JA, Morgan D, Birmingham AM, Davies HML and 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.
5. Lile JA, Stoops WW, Allen TS, Glaser PEA, Hays LR and 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.
4. Lile JA, Wang Z, Woolverton WL, France JE, Davies HML and 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.
3. Lile JA, Morgan D, Birmingham AM, Wang Z, Woolverton WL, Davies HML and 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.
2. Lile JA, Morgan D, Freedland CS, Sinnott RS, Davies HML and Nader MA (2000) Self-administration of two long-acting monoamine transport blockers in rhesus monkeys. *Psychopharmacology* 152:414-21. PMID: 11140334.
1. Lile JA, Morgan D and Nader MA (2000) Single vs. multiple session substitution: an evaluation of the reinforcing effects of cocaine and the cocaine analog 2 $\beta$ -propanoyl-3 $\beta$ -(4-tolyl)-tropane. *Experimental and Clinical Psychopharmacology* 8 (Special Issue):424-33. PMID: 10975634.

#### Refereed Reviews

3. Budney AJ and Lile JA (2009) Moving beyond the cannabis controversy into the world of cannabinoids. *International Review of Psychiatry*, 21: 91-5. PMID: 19367502.
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.
1. Lile JA and 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.

Book Chapters

2. Joseph JE, Kelly TH, Lile JA (2010) The neurobiological basis of personality risk for addiction. In: Miller P, (ed), *Encyclopedia of Addictive Behaviors*. Elsevier. Invited Chapter, in press.
1. 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.

Monographs

- Lile JA, Davies HML and 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 64<sup>th</sup> Annual Scientific Meeting* (Harris L ed), pp 72-3.

PRESENTATIONS:

Oral Presentations: Invited

16. Lile JA (2011) Targeting Cannabinoid and GABA Systems for Medications Development for Cannabis-Use Disorders. Johns Hopkins University, Baltimore, MD.
15. Lile JA (2010) Medications development for cannabis-use disorders. Behavioral Science Department Seminar. University of Kentucky College of Medicine, Lexington, KY
14. Lile JA (2009) Understanding and treating cannabis-use disorders. Kentucky Epidemiology Workgroup. Lexington, KY
13. Lile JA, Babalonis S, Martin CA, Kelly TH (2009) Gonadal sex hormones modulate the behavioral effects of drugs in humans. Invited Symposium on Sex Differences in Drug Abuse. Midwestern Psychological Association. Chicago, IL
12. Lile JA (2008) Understanding and treating cannabis-use disorders. Behavioral Science Department Seminar. University of Kentucky College of Medicine, Lexington, KY
11. Lile JA, Stoops WW and Rush CR (2007) Human cocaine choice: Effects of dose and an alternative reinforcer. American Psychological Association 115<sup>th</sup> Annual Scientific Meeting, Division 25 Behavior Analysis Symposium. San Francisco, CA
10. Lile JA (2007) Pharmacological determinants of the reinforcing effects of psychostimulants: Relation to agonist substitution treatment. Dopamine: 50 Years, Gothenberg, Sweden
9. Lile JA (2006) The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics. Local Neuroscientists Interested in Drug Abuse Seminar Series, University of Kentucky, Lexington, KY
8. Lile JA (2006) The behavioral pharmacology of cannabis in humans. Center on Drug Abuse Research Translation Seminar Series, University of Kentucky College of Medicine, Lexington, KY

7. Lile JA (2004) Treatment and prevention strategies for drug addiction: from monkey to man. Behavioral Science Department Seminar. University of Kentucky College of Medicine, Lexington, KY
6. Lile JA, Wang Z, Woolverton WL, France JE, Davies HML and Nader MA (2004) The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics. American Psychological Association 112<sup>th</sup> Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Opening Session. Honolulu, HI
5. Lile JA, Davies HML and Nader MA (2003) High-affinity, slow-onset, long duration of action monoamine reuptake inhibitors as potential pharmacotherapies for cocaine addiction: Ideal? Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Bal Harbor, FL
4. Lile JA, Davies HML and Nader MA (2002) The reinforcing efficacy of psychostimulants in rhesus monkeys: the role of pharmacokinetics and pharmacodynamics. University of Kentucky College of Medicine, Lexington, KY
3. Lile JA, Davies HML and Nader MA (2002) Comparison of the reinforcing efficacy of cocaine and methylphenidate analogs. Wayne State University, Detroit, MI
2. Lile JA (2002) The neurobiology of substance abuse. Graduate Recruitment Seminar. Wake Forest University, Winston-Salem, NC.
1. Lile JA, Davies HML and Nader MA (2002) The role of duration of action and selectivity at monoamine transporters in mediating the reinforcing efficacy of psychostimulants in rhesus monkeys. Young Investigators Symposium. Problems of Drug Dependence 2002: College on Problems of Drug Dependence 64<sup>th</sup> Annual Scientific Meeting. Quebec City, Quebec, Canada

#### Oral Presentations

35. Lile JA, Kelly TH, Hays LR (2011) GABA modulation of the discriminative-stimulus effects of THC in humans. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73<sup>rd</sup> Annual Scientific Meeting. Hollywood, FL
34. Rush CR, Stoops WW, Lile JA, Glaser PEA, Hays LR (2010) Novel pharmacotherapies for methamphetamine dependence. 21<sup>st</sup> Annual American Academy of Addiction Psychiatry Meeting and Symposium, Boca Raton, FL
33. Lile JA, Stoops WW, Rush CR (2010) Searching for a self-administration procedure sensitive to pharmacological and behavioral manipulation. Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Scottsdale, AZ
32. Rush CR, Stoops WW, Lile JA (2010) Human laboratory research: Closer to treatment but foibles exist. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
31. 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. Center for Drug Abuse Research Translation Project 2 progress update. University of Kentucky, Lexington, KY

30. Lile JA, Kelly TH, Hays LR (2009) GABA<sub>A</sub> modulation of the discriminative stimulus effects of  $\Delta^9$ -THC in humans. 19<sup>th</sup> Annual Symposium of the International Cannabinoid Research Society. St. Charles, IL
29. Rush CR, Stoops WW, Lile JA, Lofwall MR, Hays LR (2008) Aripiprazole as a pharmacotherapy for cocaine dependence. 19<sup>th</sup> Annual American Academy of Addiction Psychiatry Meeting and Symposium, Boca Raton, FL
28. Lile JA (2008) Fluvoxamine precipitated cannabis withdrawal to assess the role of impulsive sensation seeking in cannabis dependence. Center for Drug Abuse Research Translation retreat. University of Kentucky, Lexington, KY
27. Lile JA, Kelly TH, Hudson DA and Hays LR (2008). Substitution profile of THC, nabilone, triazolam, hydromorphone and methylphenidate in humans discriminating THC. 18<sup>th</sup> Annual Symposium of the International Cannabinoid Research Society. Aviemore, Scotland
26. Lile JA, Kelly TH, Hudson DA and Hays LR (2007). Substitution profile of various drugs in humans discriminating THC. Columbia University and University of Kentucky Human Behavioral Pharmacology Symposium. Columbia University, New York, NY
25. Lile, JA, Babalonis S, Martin CA, Joseph, J and Kelly TH (2007) Human behavioral pharmacology methods for assessing differences in illicit drug effects as a function of gender and hormone status. Center of Biomedical Research Excellence in Women's Health Meeting, Lexington, KY
24. Stoops WW, Lile JA and Rush CR (2007). Progressive-ratio schedules and drug reinforcement in humans: Current findings. American Psychological Association 115<sup>th</sup> Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Symposium. San Francisco, CA
23. Lile JA, Kelly TH, Hudson DA and Hays LR (2007). A pharmacological analysis of delta 9-THC in humans. Problems of Drug Dependence 2007: College on Problems of Drug Dependence 69<sup>th</sup> Annual Scientific Meeting. Quebec, Canada
22. Stoops WW, Vansickel AR, Lile JA, Glaser PEA and Rush CR (2007). Acute pretreatment with d-amphetamine enhances the subject-rated and cardiovascular, but not the reinforcing, effects of d-amphetamine. Problems of Drug Dependence 2007: College on Problems of Drug Dependence 69<sup>th</sup> Annual Scientific Meeting. Quebec, Canada
21. Stoops WW, Lile JA, Glaser PEA and Rush CR (2006) A low dose of aripiprazole attenuates some of the abuse-related effects of d-amphetamine. American Psychological Association 114<sup>th</sup> Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Opening Session. New Orleans, LA
20. Stoops WW, Lile JA, Rush CR (2006) Agonist pharmacotherapy for stimulant abuse and dependence: results from human laboratory studies. American Psychological Association 114<sup>th</sup> Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Symposium. New Orleans, LA
19. Lile, JA, Kendall SL, Babalonis S, Martin CA and Kelly TH (2006) Estradiol enhances the discriminative-stimulus and self-reported effects of d-amphetamine in healthy pre-menopausal women. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68<sup>th</sup> Annual Scientific Meeting. Scottsdale, AZ

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18. Stoops WW, Lile JA, Glaser PEA and Rush CR (2006) A low dose of aripiprazole attenuates some of the abuse-related effects of d-amphetamine. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68<sup>th</sup> Annual Scientific Meeting. Scottsdale, AZ
17. 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. Annual meeting of the International Study Group Investigating Drugs as Reinforcers. Scottsdale, AZ
16. Lile, JA, Kendall SL, Babalonis S, Martin CA and Kelly TH (2006) Estradiol enhances the discriminative-stimulus and self-reported effects of d-amphetamine in healthy pre-menopausal women. First Annual University of Kentucky Clinical and Translational Research Spring Conference. Lexington, KY
15. Lile, JA, Kendall SL, Babalonis S, Martin CA and Kelly TH (2006) Estradiol enhances the discriminative-stimulus and self-reported effects of d-amphetamine in healthy pre-menopausal women. Center of Biomedical Research Excellence in Women's Health Advisory Committee Site Visit, Lexington, KY
14. Kelly TH, Stoops WW, Lile JA, Robbins CG, Martin CA and Rush CR (2006) The reinforcing and subject-rated effects of d-amphetamine: influence of sensation-seeking status. 32<sup>nd</sup> Annual Conference of the Association for Behavioral Analysis, Atlanta, GA
13. Lile JA, Stoops WW, Hays LR and Rush CR (2004) The atypical antipsychotic aripiprazole attenuates the effects of oral d-amphetamine in humans. Problems of Drug Dependence 2004: College on Problems of Drug Dependence 66<sup>th</sup> Annual Scientific Meeting. San Juan, Puerto Rico
12. Lile JA, Stoops WW and Rush CR (2003) The effect of gender on the discriminative stimulus and subject-rated effects of d-amphetamine in humans. Problems of Drug Dependence 2003: College on Problems of Drug Dependence 65<sup>th</sup> Annual Scientific Meeting. Bal Harbor, FL
11. Lile JA, Davies HML and Nader MA (2001) Assessment of the reinforcing efficacy of short- and long-acting psychostimulants in rhesus monkeys" Wake Forest University School of Medicine/Emory University Neuroimaging and Behavioral Pharmacology Symposium. Wake Forest University School of Medicine, Winston-Salem, NC
10. 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 to the annual meeting of the International Study Group Investigating Drugs as Reinforcers. Scottsdale, AZ
9. Lile JA, Davies HML and Nader MA (2001) Long and strong: the effects of cocaine analogs under a PR schedule and on cocaine-maintained behavior in rhesus monkeys. Problems of Drug Dependence 2001: College on Problems of Drug Dependence 63<sup>rd</sup> Annual Scientific Meeting. Scottsdale, AZ
8. Lile JA and Nader MA (2001) The role of monoamine neurotransmitter systems in stimulant abuse treatment. 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 and Nader MA (2000) Agonist substitution as a strategy for stimulant abuse treatment. Wake Forest University School of Medicine/Emory University Neuroimaging and Behavioral Pharmacology Symposium. Emory University/Yerkes Primate Center, Atlanta, GA
6. Lile JA, Roberts DCS, Morgan D, Phelan R, Davies HML and Nader MA (2000) Pre-clinical evaluation of 2 $\beta$ -propanoyl-3 $\beta$ -(2-naphthyl)-tropane (WF-23) in rats and rhesus monkeys. Problems of Drug Dependence 2000: College on Problems of Drug Dependence 62<sup>nd</sup> Annual Scientific Meeting. San Juan, Puerto Rico
5. Lile JA, Birmingham AM, Morgan D, Freedland CS, Sinnott RS, Moore T, Nader, SH Davies HML and Nader MA (2000) Behavioral evaluation of cocaine analogs having differential affinities and selectivities for monoamine transporters. Wake Forest University School of Medicine Physiology and Pharmacology Department Student Seminar Series. Wake Forest University School of Medicine, Winston-Salem, NC
4. Lile JA, Morgan D, Freedland CS, Sinnott RS, Davies HML and Nader MA (1999) The reinforcing effects of PTT and WF-23 before and after a cocaine history. Wake Forest University School of Medicine/Emory University Neuroimaging and Behavioral Pharmacology Symposium. Wake Forest University School of Medicine, Winston-Salem, NC
3. Lile JA, Morgan D, Freedland CS, Sinnott RS, Davies HML and Nader MA (1999) The effects of cocaine exposure on the self-administration of two monoamine transport blockers. The 6<sup>th</sup> Annual North Carolina Governor's Institute on Drug and Alcohol Abuse. Greensboro, NC
2. Lile JA, Morgan D, Freedland CS, Sinnott RS, Davies HML and Nader MA (1998) The role of monoamine transporters in mediating the reinforcing effects of cocaine. Wake Forest University School of Medicine Physiology and Pharmacology Department Student Seminar Series. Wake Forest University School of Medicine, Winston-Salem, NC
1. Lile JA, Morgan D, Freedland CS, Sinnott RS, Davies HML and Nader MA (1998) The role of monoamine transporters in monkey models of cocaine abuse. Wake Forest University School of Medicine/Harvard Medical School Symposium on Behavioral Pharmacology. McClean Hospital, Harvard Medical School, Belmont, MA

#### Poster Presentations

47. Stoops WW, Lile JA, Glaser PEA, Hays LR, Rush CR (2011) Alternative reinforce response cost alters cocaine choice. 14<sup>th</sup> Biennial Meeting of the European Behavioral Pharmacology Society. Amsterdam, the Netherlands.
46. Lile JA, Kelly TH, Stinchcomb AL, Forester EB, Hudson DA, Neltner MJ and Hays LR (2011) Pharmacokinetic and pharmacodynamics effects of supra-therapeutic  $\Delta^9$ -THC doses in humans. 14<sup>th</sup> Biennial Meeting of the European Behavioral Pharmacology Society. Amsterdam, the Netherlands.
45. Glaser PEA, Lile JA, Stoops WW, Rush CR (2011) Agonist therapy for methamphetamine abuse: Is around the clock d-amphetamine safe? Annual meeting of the American Academy of Child and Adolescent Psychiatry. Toronto, Canada.
44. 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. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73<sup>rd</sup> Annual Scientific Meeting. Hollywood, FL

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43. 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. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73<sup>rd</sup> Annual Scientific Meeting. Hollywood, FL
42. Stoops WW, Lile JA, Glaser PEA, Hays LR, Rush CR (2011) The influence of bupropion pretreatment on cocaine self-administration. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73<sup>rd</sup> Annual Scientific Meeting. Hollywood, FL
41. Rush CR, Stoops WW, Lile JA, Glaser PEA, Hays LR (2011) d-Amphetamine and atomoxetine for methamphetamine abuse. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73<sup>rd</sup> Annual Scientific Meeting. Hollywood, FL
40. Martin CA, Guenthner G, Charnigo R, Batten S, Lile JA, Kelly TH (2011) Psychological symptoms and modafinil effects on smoking cessation. Problems of Drug Dependence 2011: College on Problems of Drug Dependence 73<sup>rd</sup> Annual Scientific Meeting. Hollywood, FL
39. 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. Society for Prevention Research 19<sup>th</sup> Annual Meeting. Washington, DC
38. Lile JA, Kelly TH, Hays LR (2010). The discriminative-stimulus effects of the cannabinoid agonist nabilone alone and in combination with  $\Delta^9$ -THC in humans. 20<sup>th</sup> Annual Symposium of the International Cannabinoid Research Society, Lund, Sweden
37. 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. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
36. Babalonis S, Lile JA, Martin CA, Kelly TH (2010). Progesterone modulation of the discriminative-stimulus effects of triazolam. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
35. 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. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
34. Kelly TH, Babalonis S, Emurian CE, Corbly CR, Martin CA, Wermeling DP, Joseph JE, Lile JA (2010). Neurobehavioral effects of intranasal d-amphetamine. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
33. Martin CA, Guenthner G, House K, Beck B, Charnigo R, Lile JA, Kelly TH (2010). Modafinil effects on smoking cessation: A clinical trial. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
32. Rush CR, Lile JA, Stoops WW, Glaser PE, Hays LR (2010). GABA<sub>A</sub> receptor modulators as medications for methamphetamine abuse. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ

31. Stoops WW, Lile JA, Rush CR (2010). The reinforcing effects of intranasal cocaine on a progressive-ratio schedule. Problems of Drug Dependence 2010: College on Problems of Drug Dependence 72<sup>nd</sup> Annual Scientific Meeting. Scottsdale, AZ
30. Lile JA, Kelly TH, Hays LR (2009). The substitution profile of the cannabinoid agonist nabilone in humans subjects discriminating  $\Delta^9$ -THC. Problems of Drug Dependence 2009: College on Problems of Drug Dependence 71<sup>st</sup> Annual Scientific Meeting. Reno/Sparks, NV
29. Babalonis S, Lile JA, Martin CA, Kelly TH (2009). Progesterone modulation of triazolam effects in healthy women. Problems of Drug Dependence 2009: College on Problems of Drug Dependence 71<sup>st</sup> Annual Scientific Meeting. Reno/Sparks, NV
28. Babalonis S, Lile JA, Martin CA, Kelly TH (2009) Progesterone modulation of the discriminative stimulus effect of triazolam in healthy, pre-menopausal women. 35<sup>th</sup> Annual Convention of the International Association for Behavioral Analysis. Phoenix, AZ
27. Lile JA, Phillips TR, Babalonis S, Wermeling DP, Joseph JE, Corbly CR, Clark J, Martin CA and Kelly TH (2008). Behavioral and cardiovascular effects of intranasal d-amphetamine in humans. Problems of Drug Dependence 2008: College on Problems of Drug Dependence 70<sup>th</sup> Annual Scientific Meeting. San Juan, Puerto Rico
26. Lee DC, Robbins G, Martin CA, Lile JA and Kelly TH (2008). Methylphenidate self-administration in high- and low-impulsive sensation seekers using a progressive-ratio schedule. Problems of Drug Dependence 2008: College on Problems of Drug Dependence 70<sup>th</sup> Annual Scientific Meeting. San Juan, Puerto Rico
25. Babalonis S, Lile JA, Emurian CS, Martin CA and Kelly TH (2007). Estradiol modulation of d-amphetamine in pre-menopausal women: a dose-response study. Problems of Drug Dependence 2007: College on Problems of Drug Dependence 69<sup>th</sup> Annual Scientific Meeting. Quebec, Canada
24. Splichal JD, Kelly TH, Hudson DA, Hays LR and Lile JA (2007). A pharmacological analysis of delta 9-THC in humans. Bluegrass Chapter of the Society for Neuroscience, Spring Neuroscience Day. Lexington, KY. Award winner, undergraduate presenter category
23. Lile JA, Babalonis S, Emurian CS, Martin CA, Rush CR and Kelly TH (2006) Discriminative-stimulus effects of triazolam: influence of menstrual cycle phase. 1st Biennial National IDeA Symposium of Biomedical Research Excellence. Washington, DC
22. Babalonis S, Lile JA, Bylica K, Martin CA and Kelly TH (2006) Estradiol modulation of the behavioral effects of d-amphetamine in premenopausal women. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68<sup>th</sup> Annual Scientific Meeting. Scottsdale, AZ
21. Wagner FP, Vansickel AR, Stoops WW, Lile JA, Hays LR, Glaser PEA and Rush CR (2006) Discriminative-stimulus effects of d-amphetamine in women and men. Problems of Drug Dependence 2006: College on Problems of Drug Dependence 68<sup>th</sup> Annual Scientific Meeting. Scottsdale, AZ

20. Glaser PEA, Vansickel AR, Zettler E, Stoops WW, Lile JA and Rush CR (2005). Methylphenidate increases rate and reinforcing effects of cigarette smoking. 52<sup>nd</sup> Annual Meeting of the American Academy of Child and Adolescent Psychiatry and 25<sup>th</sup> Annual Meeting of the Canadian Academy of Child and Adolescent Psychiatry. Toronto, Canada
19. Lile JA, Stoops WW, Wagner FP, Haga JL, Glaser PEA, Hays LR and Rush CR (2005). Evaluation of GABAergic drugs for stimulant dependence in humans. American Psychological Association 113<sup>th</sup> 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
18. Stoops WW, Lile JA, Fillmore MT, Glaser PEA and Rush CR (2005). Reinforcing effects of stimulants: dose and post-drug behavioral demands. American Psychological Association 113<sup>th</sup> 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
17. Lile JA, Stoops WW, Wagner FP, Glaser PEA and Rush CR (2005). Oxazepam does not modulate the discriminative-stimulus or subject-rated effects of d-amphetamine in humans. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67<sup>th</sup> Annual Scientific Meeting. Orlando, FL
16. Kelly TH, Stoops WW, Robbins G, Martin CA, Lile JA, Bardo MT and Rush CR (2005). d-Amphetamine self-administration in high- and low-impulsive sensation seeking smokers. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67<sup>th</sup> Annual Scientific Meeting. Orlando, FL
15. Rush CR, Lile JA, Stoops WW, Vansickel AR, Glaser PEA and Hays LR (2005). Aripiprazole attenuates the discriminative-stimulus effects of d-amphetamine in humans. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67<sup>th</sup> Annual Scientific Meeting. Orlando, FL
14. Stoops WW, Durell TM, Glaser PEA, Lile JA and Rush CR (2005). Discriminative-stimulus and self-reported effects of methylphenidate, atomoxetine, d-amphetamine and triazolam in methylphenidate-trained humans. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67<sup>th</sup> Annual Scientific Meeting. Orlando, FL
13. Vansickel AR, Higgins ST, Lile JA, Stoops WW, Glaser PEA and Rush CR (2005). The effects of methylphenidate on smoking behavior. Problems of Drug Dependence 2005: College on Problems of Drug Dependence 67<sup>th</sup> Annual Scientific Meeting. Orlando, FL
12. Vansickel AR, Lile JA, Stoops WW, Glaser PEA, Hays LR and Rush CR (2005). Aripiprazole attenuates the discriminative-stimulus and subject-rated effects of d-amphetamine in humans. Spring Neuroscience Day: Bluegrass Chapter of the Society for Neuroscience Annual Research Forum. Lexington, KY
11. Lile JA, Stoops WW, Hays LR and Rush CR (2004). Tiagabine does not alter the discriminative-stimulus, reinforcing, subject-rated, performance or cardiovascular effects of oral cocaine in humans. American Psychological Association 112<sup>th</sup> Annual Scientific Meeting, Division 28 Psychopharmacology and Substance Abuse Poster Session II. Honolulu, HI

10. Rush CR, Stoops WW, Lile JA, Fillmore MT and Glaser PEA (2004) The reinforcing effects of methylphenidate: influence of dose and environmental demands following drug administration. Problems of Drug Dependence 2004: College on Problems of Drug Dependence 66<sup>th</sup> Annual Scientific Meeting. San Juan, Puerto Rico
9. Stoops WW, Lile JA, Glaser PEA and Rush CR (2004) Discriminative-stimulus effects of methylphenidate, d-amphetamine and triazolam in humans. Problems of Drug Dependence 2004: College on Problems of Drug Dependence 66<sup>th</sup> Annual Scientific Meeting. San Juan, Puerto Rico
8. Ross JT, Lile JA, Czoty, PW and Nader MA (2003) Effect of cocaine availability on the reinforcing efficacy of cocaine as measured by a progressive-ratio schedule in monkeys. Problems of Drug Dependence 2003: College on Problems of Drug Dependence 65<sup>th</sup> Annual Scientific Meeting. Bal Harbor, FL
7. Claytor R, Lile JA, Nader SH, Moore T, Nader MA (2003) Effects of the D<sub>3</sub>-selective antagonist PNU 99194 and the D<sub>2</sub>/D<sub>3</sub> antagonist eticlopride in cocaine- and food-maintained responding in rhesus monkeys. Experimental Biology 2003. San Diego, CA
6. Lile JA, Davies HML, Birmingham AM and Nader MA (2002) Reinstatement of cocaine-seeking behavior following administration of two long-acting monamine reuptake inhibitors in rhesus monkeys. Experimental Biology 2002, New Orleans, LA
5. Lile JA, Davies HML and Nader MA (2001) Differences in self-administration of long- and short-acting psychostimulants under a progressive-ratio schedule. The First Joint Meeting of The European Brain and Behaviour Society and The European Behavioural Pharmacology Society. Marseille, France
4. Morgan D, Roberts, DCS, Lile JA, Moore T, Nader SH, Davies HML and Nader MA (2000) reinforcing efficacy of cocaine, d-amphetamine and the tropane analog PTT in rats and rhesus monkeys. Problems of Drug Dependence 2000: College on Problems of Drug Dependence 62<sup>nd</sup> Annual Scientific Meeting. San Juan, Puerto Rico
3. Lile JA, Morgan D and Nader MA (1999) Single vs. multiple session substitution: an evaluation of the reinforcing effects of cocaine and the cocaine analog 2β-propanoyl-3β-(4-tolyl)-tropane. Boston 1999: The First Congress of the Behavioral Pharmacology Society and The European Behavioural Pharmacology Society. Boston, MA
2. Lile JA, Morgan D, Freedland CS, Sinnott RS, Davies HML and Nader MA (1999) Evaluation of two novel tropane analogs in cocaine-naïve rhesus monkeys. Problems of Drug Dependence 1999: College on Problems of Drug Dependence 61<sup>st</sup> Annual Scientific Meeting. Acapulco, Mexico
1. Prioleau O, Nader SH, Lile JA, Grant KA, Mach RH, Gage HD, Kaplan JR, Ehrenkauf R, Morgan D and Nader MA (1998) PET imaging of dopamine D2 receptors in group-housed monkeys: effects of social rank and cocaine. Problems of Drug Dependence 1998: College on Problems of Drug Dependence 60<sup>th</sup> Annual Scientific Meeting. Scottsdale, AZ