

# CURRICULUM VITAE

for

**Michael A. Taffe, Ph.D.**

## **Address:**

Committee on the Neurobiology of Addictive Disorders  
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## **Education:**

1990 B.A.      The Colorado College, Colorado Springs, CO., Psychology  
1992 M.A.      University of California, San Diego, La Jolla, CA., Psychology  
1995 Ph.D.      University of California, San Diego, La Jolla, CA., Psychology

## **Professional Experience:**

1989-1990 **Undergraduate Research Fellow**, Department of Psychology (Dr. John Horner)  
The Colorado College; Colorado Springs, CO  
1990-1995 **Pre-Doctoral Fellow**, Department of Psychology (Dr. Gordon Baylis)  
University of California, San Diego; La Jolla, CA  
1995-1996 **Post-Doctoral Fellow**, Department of Psychiatry (Dr. Stephen Foote)  
University of California, San Diego; La Jolla, CA  
1996-2000 **Post-Doctoral Fellow**, Department of Neuropharmacology (Dr. Lisa Gold)  
The Scripps Research Institute; La Jolla, CA  
2000-2007 **Assistant Professor**, Committee on the Neurobiology of Addictive Disorders (Department  
of Neuropharmacology, 00-05; renamed Molecular and Integrative Neurosciences  
Department 9/05) The Scripps Research Institute; La Jolla, CA  
2003-pres. **Adjunct Assistant Professor**, Department of Neurosciences  
University of California, San Diego; La Jolla, CA  
2007-pres. **Associate Professor**, Committee on the Neurobiology of Addictive Disorders  
The Scripps Research Institute; La Jolla, CA

## **Awards:**

1989 Associated Colleges of the Midwest Minority Summer Research Scholarship  
1990-1993 National Science Foundation Predoctoral Fellowship  
1994 University of California President's Dissertation Year Fellowship  
1996 NIH Postdoctoral Research Fellow: MH 19934  
1997-1999 NIH Postdoctoral Research Fellow: MH 19185  
1998 Travel Award, College on Problems of Drug Dependence Annual Meeting  
1999-2000 Universitywide (California) AIDS Research Program Postdoctoral Fellowship  
2000 ACNP/NIMH Travel Fellowship, American College of Neuropsychopharmacology

## **Professional Societies:**

Society for Neuroscience, College on Problems of Drug Dependence, AAAS, Association for  
Psychological Science

**Advisory Activities and Service:**

Grant Review: National Institutes of Health (US) Biobehavioral Regulation, Learning and Ethology Study Section (2005-present); Medical Research Council (UK) ad hoc (5/07)

Managing Editor: Frontiers in Bioscience, Encyclopedia of Bioscience Special Issue “Nonhuman primate models of neuropsychopathology”

Ad hoc Reviewer for: Neuropsychopharmacology, Psychopharmacology (Berl.), Pharmacology, Biochemistry & Behavior, Brain Research, Journal of Pharmacy and Pharmacology, Neuroscience, J. Neurochemistry, Neuropharmacology, Biological Psychiatry

Service Committees: TSRI Neurosciences Seminar Series (04-07); UCSD Neuroscience Graduate Program Minor Proposition (03-05) and Diversity Committees (04-07); CPDD Animals in Research Committee (05-08).

**Research Projects**

ONGOING

**Title: Translational Center on the Neurobiology of Cannabis Addiction**

Agency: NIH/NIDA

Type: P20 DA024194 (B. J. Mason, PD)

09/30/07-06/30/11

The major goal of this Developmental Center is to test the hypothesis that dysregulation of frontal cortical function associated with repeated exposure to cannabinoids impairs executive cognitive function, thereby increasing vulnerability to cannabis dependence. Project #3 will investigate neurochemical, chronophysiological and behavioral correlates of chronic exposure to  $\Delta^9$ -THC in peri-adolescent monkeys.

Roles: Co-Center Director; PI-Project #3; Director of Education and Training

**Title: Behavioral Toxicity of MDMA in Rhesus Monkeys**

Agency: NIH/NIDA

Type: R01 DA018418

04/01/05-03/31/10

The major goals of this project are to determine the cognitive, behavioral and physiological effects of exposure to common recreational, “stacking” and neurotoxic dose regimens of 3,4-methylenedioxymethamphetamine (MDMA, “Ecstasy”).

Role: Principal Investigator

COMPLETED

**Title: Cognitive Effects of Alcohol in Peri-Adolescent Monkeys**

Agency: NIH/NIAAA

Type: R21 AA013972

2/05/04-1/31/07

The major goal of this project is to determine if high levels of chronic oral alcohol drinking slow adolescent monkeys' ability to learn a battery of seven behavioral tests focusing on the cognitive domains of learning, memory, attention and motor skill.

Role: Principal Investigator

**Title: Gene Therapy for Alzheimer's Disease: Project #4, Gene Therapy in Primates**

Agency: NIH/NIA (F.H. Gage, PI; M.H. Tuszynski, PI Project #4)

Type: P01 AG10435-11

09/30/02-08/31/05

The major goal of Project #4 are to determine if *in vivo* gene transfer of nerve growth factor to the basal forebrain of aged macaques, demonstrated to restore cholinergic tone in the prefrontal cortex, results in amelioration of specific cognitive and behavioral deficits. A second goal is to determine if *in vivo* viral vector delivery of amyloid precursor protein to macaque brain results in an improved neuropathologic and behavioral model of Alzheimer's Disease.

Role: Co-Investigator, Project #4

**Title: Ethanol Modulation of SIV infection of the CNS**

Agency: NIH/NIAAA

Type: R21 AA13836 (H.S. Fox, PI)

09/12/02-07/31/05

The major goal of this project is to determine if high levels of chronic alcohol exposure affect the entry of SIV infected monocytes into the brain during acute infection as well as the effect on CNS viral burden.

Role: Investigator

**Title: Scripps NeuroAIDS Preclinical Studies: Behavioral Assessment Core**

Agency: NIH/NIMH

Type: P30 MH62261 (H.S. Fox, PI)

10/01/00-08/31/05

The objectives for the Core project are to employ established behavioral test batteries to evaluate neurobehavioral function in murine and simian models of NeuroAIDS.

Role: Principal Investigator, Behavioral Assessment Core

**Title: SIV Behavioral Pathology: Manipulation of Viral Load**

Agency: NIH/NIMH

Type: R01 MH61692

08/01/01-07/31/05

The major goals of this project are to determine the relationship between SIV viral burden and behavioral sequelae of disease progression in the SIV/rhesus model of NeuroAIDS. Peri-inoculation treatment with a CD8 specific antibody is employed to elevate viral burden and highly active anti-retroviral drug therapy is employed to rapidly reduce viral burden.

Role: Principal Investigator

**Title: Methamphetamine and AIDS: Toxic Interactions in Animals**

Agency: NIH/NIDA

Type: P01 DA12444 (S.J. Henriksen, PI; H.S. Fox, PI Project #1)

04/01/00-03/31/05

The goals of this project are to determine the effects of methamphetamine exposure on disease course, brain function and CNS pathology in the SIV/rhesus model of NeuroAIDS.

Role: Investigator, Project #1

**Title: Neuropharmacology of Primate Cognition**

Agency: NIH/NIDA

Type: R01 DA13390

09/11/00-06/30/04

The major goals of this project were to determine the contributions of specific cholinergic, dopaminergic, glutamatergic and cannabinoid mechanisms to complex cognition by employing acute drug challenges in behaviorally trained rhesus macaques.

Role: Principal Investigator

**Teaching Experience:**

Physiological Psychology

Instructor (1996) Department of Psychology, University of California, San Diego

Physiological Psychology

Co-Instructor (1998) Department of Behavioral Science, Mesa Community College, San Diego  
Physiological Psychology

Instructor (1999) Department of Behavioral Science, Mesa Community College, San Diego  
Drugs, Addiction and Mental Disorders

Visiting Professor (2000) Department of Psychology, Colorado College, Colorado Springs  
NEU 221: Memory : Graduate program advanced topics seminar (2005)

Department of Neurosciences, University of California, San Diego

### **Publications:**

1. Gold, L.H., Fox, H.S., Henriksen, S.J., Buchmeier, M.J., Weed, M.R., **Taffe, M.A.**, Huitron-Resendiz, S., Horn, T.F.W., and Bloom, F.E.. Longitudinal analysis of behavioral, neurophysiological, viral and immunological effects of SIV infection in rhesus monkeys. *J Med Primatol*, 1998, 27: 104-112.
2. Weed, M.R., **Taffe, M.A.**, Polis, I., Roberts, A.C., Robbins, T.W., Koob, G.F., Bloom, F.E. and Gold, L.H. Performance norms for a rhesus monkey neuropsychological testing battery: Acquisition and long-term performance. *Cog. Br. Res.*, 1999, 8(3):185-201.
3. **Taffe, M.A.**, Weed, M.R., and Gold, L.H. Scopolamine alters rhesus monkey performance on a novel neuropsychological testing battery. *Cog. Br. Res.*, 1999, 8(3):203-212.
4. **Taffe, M.A.**, Weed, M.R., Davis, S., Huitrón-Resendiz, S., Schroeder, R., Parsons, L.H., Henriksen, S.J. and Gold, L.H. Functional consequences of repeated (+/-)3,4-methylenedioxymethamphetamine (MDMA) treatment in rhesus monkeys, *Neuropsychopharmacology*, 2001, 24(3):230-239.
5. **Taffe, M.A.**, Weed, M.R., Gutierrez, T., Davis, S.A., and Gold, L.H. Differential muscarinic and NMDA contributions to visuo-spatial paired-associate learning in rhesus monkeys, *Psychopharmacology*, 2002, 160:253-262.
6. **Taffe, M.A.**, Davis, S.A., Gutierrez, T., and Gold, L.H. Ketamine impairs multiple cognitive domains in rhesus monkeys, *Drug Alcohol Depend*, 2002, 68(2):174-186.
7. **Taffe, M.A.**, Davis, S.A., Yuan, J., Schroeder, R., Hatzidimitriou, G., Parsons, L.H., Ricaurte, G.A., and Gold, L.H. Cognitive performance of MDMA-treated rhesus monkeys: Sensitivity to serotonergic challenge, *Neuropsychopharmacology*, 2002 27(6):993-1005.
8. Burudi, E.M.E., Marcondes, M.C.G., Watry, D.D., Zandonatti, M.A., **Taffe, M.A.**, and Fox, H.S. Regulation of indoleamine, 2,3-dioxygenase expression in simian immunodeficiency virus-infected monkey brains, *J Virol*, 2002, 76(23): 12233-12241.
9. Roberts, E.S., Zandonatti, M.A., Watry, D.D., Madden, L.J., Henriksen, S.J., **Taffe, M.A.**, and Fox, H.S. Induction of pathogenic sets of genes in macrophages and neurons in NeuroAIDS. *Am J Pathol*, 2003, 162(6):2041-2057.
10. **Taffe, M.A.**, Huitrón-Resendiz, S., Schroeder, R., Parsons, L.H., Henriksen, S.J. and Gold, L.H. MDMA exposure alters cognitive and electrophysiological sensitivity to rapid tryptophan depletion in rhesus monkeys, *Pharmacol Biochem Behav*, 2003, 76(1):141-152.
11. **Taffe, M.A.**, Weed, M.R., Gutierrez, T., Davis, S.A., and Gold, L.H. Modeling a task that is sensitive to dementia of the Alzheimer's type: Individual differences in acquisition of a visuo-spatial paired-associate learning task in rhesus monkeys., *Behav Brain Res*, 2004, 149(2):123-133.
12. Weed, M.R., Gold, L.H., Polis, I., Koob, G.F., Fox, H.S. and **Taffe M.A.** Impaired performance on a rhesus monkey neuropsychological testing battery following simian immunodeficiency virus infection, *AIDS Res Hum Ret*, 2004, 20(1):77-89.
13. **Taffe, M.A.** Effects of parametric feeding manipulations on behavioral performance in macaques, *Physiol Behav*, 2004, 81(1):59-70. Corrigendum in *Physiol Behav*, 2004, 82(2-3):589
14. Madden, L.J., Zandonatti, M.A., Flynn, C.T., **Taffe, M.A.**, Marcondes, M.C.G., Schmitz, J.E., Reimann, K.A., Henriksen, S.J., and Fox, H.F. CD8+ cell depletion amplifies the acute retroviral syndrome, *J Neurovirol*, 2004, 10(Suppl 1): 58-66.

15. Katner, S.N., Flynn, C.T., Von Huben, S.N., Kirsten, A.J., Davis, S.A., Lay, C.C., Cole, M., Roberts, A.J., Fox, H.S. and **Taffe M.A.** Controlled and behaviorally relevant levels of oral ethanol intake in rhesus macaques using a flavorant-fade procedure, *Alcohol Clin Exp Res*, 2004 Jun;28(6):873-883.
16. Katner, S.N., Davis, S.A., Kirsten, A.J. and **Taffe M.A.** Effects of nicotine and mecamylamine on cognition in rhesus monkeys, *Psychopharmacology*, 2004, 175(2):225-240.
17. Roberts, E.S., Burudi, E.M.E., Flynn, C., Madden, L.J., Roinick, K.L., Watry, D.D., Zandonatti, M.A., **Taffe, M.A.**, and Fox, H.S. Acute SIV infection of the brain leads to upregulation of IL6 and interferon-regulated genes: Expression patterns throughout disease progression and impact on NeuroAIDS, *J Neuroimmunol*, 2004, 157(1-2):81-92.
18. **Taffe, M.A.**, Lay, C.C., Von Huben, S.N., Davis, S.A., Crean, R.D. and Katner, S.N. Hyperthermia induced by 3,4-methylenedioxymethamphetamine in rhesus monkeys, *Drug Alcohol Depend*, 2006, 82(3):276-281. Epub 2005 Nov 11.
19. Roberts, E.S., Huitrón-Resendiz, S., **Taffe, M.A.**, Flynn, C., Lanigan, C.M., Hammond, J.A., Head, S.R., Henriksen, S.J. and Fox, H.S. Host Response and Dysfunction in the CNS During Chronic SIV Infection, *J Neurosci*, 2006, 26:4577-4585.
20. Crean, R.D., Davis, S.A., Von Huben, S.N., Lay, C.C., Katner, S.N. and **Taffe, M.A.** Effects of (±)3,4-methylenedioxymethamphetamine, (±)3,4-methylenedioxyamphetamine and methamphetamine on temperature and activity in rhesus macaques, *Neuroscience*, 2006, 142(2):515-525. Epub 2006 Jul 28
21. Burdo, T.H., Katner, S.N., **Taffe, M.A.**, and Fox, H.S. Neuroimmunity, drugs of abuse and neuroAIDS. *J. Neuroimmune Pharmacol*, 2006, 1:41-49.
22. Von Huben, S.N., Davis, Lay, C.C., S.A., Katner, S.N. Crean, R.D. and **Taffe, M.A.** Differential contributions of dopaminergic D<sub>1</sub>-like and D<sub>2</sub>-like receptors to cognitive function in rhesus monkeys, *Psychopharmacology*, 2006, 188(4):586-596. Epub 2006 Mar 15
23. Von Huben, S.N., Lay, C.C., Crean, R.D., Davis, S.A., Katner, S.N. and **Taffe, M.A.** Impact of ambient temperature on hyperthermia induced by (±)3,4-methylenedioxymethamphetamine in rhesus macaques, *Neuropsychopharmacology*, 2007, 32(3): 673-681. Epub 2006 Apr 12.
24. Crean, R.D., Davis, S.A. and **Taffe, M.A.** Oral administration of (±)3,4-methylenedioxymethamphetamine and (+)methamphetamine alters temperature and activity in rhesus macaques, 2007, *Pharmacol Biochem Behav*, 87(1): 11-19.
25. Katner, S.N., Von Huben, S.N., Davis, S.A., Lay, C.C., Crean, R.D., Roberts, A.J., Fox, H.S. and **Taffe M.A.** Robust and stable drinking behavior following long-term oral alcohol intake in rhesus monkeys, *Drug Alcohol Depend*, 91(2-3): 236-243. Epub 2007 Jul 10.

### Invited Presentations

- M. A. Taffe.** Cognitive assessment in rhesus monkeys: Effects of SIV disease and acute pharmacological challenge. New England Regional Primate Research Center, June 2002.
- M. A. Taffe.** NMDA, muscarinic and nicotinic contributions to performance of an Alzheimer's-sensitive task in rhesus monkeys. UCSD Dept of Neurosciences Faculty Meeting, October 2002.
- M. A. Taffe.** Monoamine neuron damage after different dosing strategies in nonhuman primates. College on Problems of Drug Dependence Annual Meeting, Bal Harbor, FL. 2003
- M. A. Taffe,** S. A. Davis, T. Gutierrez and L. H. Gold. Ketamine broadly affects cognitive function in rhesus monkeys (*Macacca mulatta*). American Society of Primatologists Annual Meeting, Calgary, Alberta, Canada, 2003.
- M. A. Taffe** and H. S. Fox. Nonhuman primate models of drug abuse and AIDS. 8<sup>th</sup> International Symposium on NeuroVirology. San Diego, CA, 2007

**Abstracts** (\*oral communications)

- \***M. A. Taffe.** The effect of predictability on the discriminability of elemental stimuli. Associated Colleges of the Midwest Summer Research Program for Minority Scholars Annual Meeting, Beloit, WI, 1989.
- M. A. Taffe,** Moore, B.O., Tipper, S.P., and Baylis, G.C. Action-based spatial attention in normal and hippocampal lesioned monkeys. Soc. Neurosci. Abs., 1991.
- \***M. A. Taffe** and R. Kuczenski. Effects of cocaine and amphetamine on extracellular dopamine in the macaque. College on Problems of Drug Dependence Abstracts / NIDA Monograph, 1997.
- M. R. Weed, **M. A. Taffe**, I. Polis, A. C. Roberts, T. W. Robbins, G. F. Koob, and L. H. Gold. Rhesus monkey behavioral battery: acquisition and performance with drug and viral manipulations. College on Problems of Drug Dependence Abstracts / NIDA Monograph, 1997.
- M. A. Taffe**, M. R. Weed, I. Polis and L. H. Gold. The effects of scopolamine on cognitive performance in rhesus monkeys. Soc. Neurosci. Abs., 1997.
- L. H. Gold, H.S. Fox, S.J. Henriksen, M.J. Buchmeier, M.R. Weed, **M.A. Taffe**, S. Huitrón-Resendiz, T.F.W. Horn, and F.E. Bloom. Longitudinal analysis of behavioral, neurophysiological, viral and immunological effects of SIV infection in rhesus monkeys. 15<sup>th</sup> Symposium on Nonhuman Primate Models for AIDS, 1997.
- M. A. Taffe**, M. R. Weed, I. Polis and L. H. Gold. The effects of amphetamine on cognitive performance in rhesus monkeys. College on Problems of Drug Dependence Abstracts / NIDA Monograph, 1998.
- M.A. Taffe**, M.R. Weed, S. Davis, S. Huitrón-Resendiz, R. Schroeder, L.H. Parsons, S.J. Henriksen and L.H. Gold. 3,4-methylenedioxymethamphetamine (MDMA) alters behavioral performance and evoked potentials in rhesus monkeys. Soc. Neurosci. Abs., 1998.
- M.R. Weed, **M.A. Taffe** I. Polis, A. C. Roberts, T. W. Robbins, G. F. Koob, F. E. Bloom and L. H. Gold. Performance norms for the CANTAB rhesus monkey battery: Acquisition and long-term performance Soc. Neurosci. Abs., 1998.
- M.A. Taffe**, M.R. Weed, S. Davis, S. Huitrón-Resendiz, R. Schroeder, L.H. Parsons, S.J. Henriksen and L.H. Gold. 3,4-methylenedioxymethamphetamine (MDMA) alters behavioral performance and evoked potentials in rhesus monkeys. ASPET Colloquium: Neurotoxicity of Amphetamines and Related Stimulants, Washington D. C., 1999.
- M.A. Taffe**, S. Davis, S. Huitrón-Resendiz, R. Schroeder, L.H. Parsons, S.J. Henriksen and L.H. Gold. Functional sensitivity to tryptophan depletion in MDMA treated rhesus monkeys. Soc. Neurosci. Abs., 1999.
- Gold, L.H., **Taffe, M.A.**, Weed, M.R. and Fox, H.S. Cognitive and behavioral pathologies associated with SIV infection in rhesus monkeys. ACNP Annual Meeting, 1999.
- Taffe, M.A.**, Weed, M.R., Fox, H.S. and Gold, L.H. Cognitive and behavioral pathologies associated with SIV infection in rhesus monkeys. UARP Annual Meeting, 2000.
- M.A. Taffe**, M.R. Weed and L.H. Gold. Disruption of visuo-spatial paired associate learning in rhesus monkeys. Soc. Neurosci. Abs., 2000.
- M. A. Taffe**, S. Davis, T. Gutierrez and Gold, L.H. Effect of ketamine on cognition in rhesus monkeys. ACNP Annual Meeting, San Juan PR, 2000.
- M.A. Taffe**, L.J. Madden, H.S., Fox and L.H. Gold. SIV Behavioral Pathology: Manipulation of viral load. Universitywide AIDS Research Program, University of California Annual Meeting, Los Angeles CA, 2001.
- L.J. Madden, M.C.G. Marcondes, **M.A. Taffe**, S. Huitrón-Resendiz, M. Sanchez, H. Wen, S.J. Henriksen, and H.S. Fox. Fever, Cytokines and SIV infection in the rhesus macaque. Society on NeuroImmune Pharmacology: 8<sup>th</sup> Annual Conference, Atlanta GA, 2001.
- A.J. Kirsten, S.A. Davis and **M.A. Taffe**. The effects of THC on cognitive performance in rhesus monkeys. College on Problems of Drug Dependence Annual Meeting, Scottsdale AZ, 2001. *Drug Alcohol Depend*, 63(S1):S81-82.

- M.A. Taffe**, S. Davis, J. Yuan, R. Schroeder, G. Hatzidimitriou, L.H. Parsons, G.A. Ricaurte, L.H. Gold. Behavioral sensitivity to serotonergic challenge in MDMA treated rhesus monkeys. NIDA symposium on MDMA/Ecstasy, Bethesda MD, 2001
- L.J. Madden, M.C.G. Marcondes, S.A. Davis, A.J. Kirsten, H.S. Fox, **M.A. Taffe**. Functional effects of CD8+ T-cell depletion in SIV infected macaques. Society for Neuroscience Annual Meeting, San Diego, CA, 2001.
- S.A. Davis, A.J. Kirsten, **M.A. Taffe**. Effect of nicotine on cognition in rhesus monkeys. ACNP Annual Meeting, Waikoloa, HI, 2001.
- \*S.A. Davis, A.J. Kirsten, **M.A. Taffe**. Persisting effects of nicotine on cognitive performance in rhesus monkeys. College on Problems of Drug Dependence Annual Meeting, Quebec City, Quebec, CA, 2002. *Drug Alcohol Depend*, 66(S1):S41.
- L.J. Madden, S. Huitrón-Resendiz, M.C.G. Marcondes, M. Sanchez-Alavez, S.A. Davis, A.J. Kirsten, S.J. Henriksen, H.S. Fox, **M.A. Taffe**. Functional effects of CD8+ T-cell depletion in SIV infected macaques. 20<sup>th</sup> Annual Symposium on Nonhuman Primate Models for AIDS, Monterey, CA, 2002.
- H.S. Fox, **M.A. Taffe**, S.J. Henriksen, R. Mervis, M. Burudi, L.J. Madden, M.C.G. Marcondes, E. Roberts. Functional, structural and molecular changes in simian neuroAIDS. Society on NeuroImmune Pharmacology 9<sup>th</sup> Annual Meeting, Clearwater FL, 2002.
- S.N. Katner, S.A. Davis, A.J. Kirsten, S.N. Von Huben, **M.A. Taffe**. Effects of mecamylamine on cognitive performance in rhesus monkeys. Society for Neuroscience Annual Meeting, Orlando, FL, 2002.
- R.D. Schneider, C.C. Lay, S.N. Katner, A.J. Kirsten, S.N. Von Huben, S.A. Davis, L.J. Madden, H.S. Fox, **M.A. Taffe**. Pharmacological challenge of extradimensional attentional shift in rhesus monkeys. Society for Neuroscience Annual Meeting, Orlando, FL, 2002.
- L.J. Madden, M. May, C. Flynn, S. Huitron-Resendez, M. Sanchez, S. Katner, **M. Taffe**, S. Henriksen, E.F. Crawford, H.S. Fox. Peculiar pathologies: CNS alterations in methamphetamine treated and untreated SIV - infected rhesus macaques. Society for Neuroscience Annual Meeting, Orlando, FL, 2002.
- R. F. Mervis, A. Bachstetter, H. Singleton, S.J. Henriksen, L. Madden, E. Roberts, M. Burudi, C. Marcondes, **M. Taffe**, H. S. Fox. Rapid nonhuman primate model for neuroAIDS: Evidence for neuronal damage. Society for Neuroscience Annual Meeting, Orlando, FL, 2002.
- S. N. Katner, A. J. Kirsten, S. A. Davis, H. S. Fox, A. J. Roberts, and **M. A. Taffe**. A sweetened solution fading procedure produces pharmacologically relevant levels of oral ethanol intake in rhesus macaques. Research Society on Alcoholism Annual Meeting, Ft. Lauderdale, FL, 2003.
- S.N. Katner, M. Cole, C.T. Flynn, A.J. Kirsten, S.N. Von Huben, S.A. Davis, C.C. Lay, H.S. Fox and **M.A. Taffe**. Controlled and pharmacologically relevant levels of oral ethanol intake in rhesus macaques. Society for Neuroscience Annual Meeting, New Orleans, LA, 2003.
- M.A. Taffe**, T. Bernot, H. McKay, S.A. Davis, J. Roberts and M.H. Tuszynski. Adaptation of a computerized neuropsychological testing battery to the aged macaque. Society for Neuroscience Annual Meeting, New Orleans, LA, 2003.
- S.N. Von Huben, S.A. Davis, A.J. Kirsten, C.C. Lay, S.N. Katner and **M.A. Taffe**. Effects of raclopride and SCH23390 on cognitive performance in rhesus monkeys. College on Problems of Drug Dependence Annual Meeting, San Juan, PR, 2004.
- C.C. Lay, R.D. Schneider, A.J. Kirsten, S.A. Davis, S.N. Von Huben, S.N. Katner and **M.A. Taffe**. The CANTAB intradimensional/extradimensional attentional shift procedure in rhesus monkeys: A method for acute drug challenge. College on Problems of Drug Dependence Annual Meeting, San Juan, PR, 2004.
- A.J. Kirsten, S.A. Davis, S.N. Von Huben, C.C. Lay, S.N. Katner and **M.A. Taffe**. Appetitive reinforcement in nonhuman primates: Revisiting the necessity and implementation of feeding restriction for behavioral studies. College on Problems of Drug Dependence Annual Meeting, San Juan, PR, 2004.

- S.N. Katner, M. Cole, C.T. Flynn, A.J. Kirsten, S.N. Von Huben, S.A. Davis, C.C. Lay, A.J. Roberts, H.S. Fox and **M.A. Taffe**. Oral ethanol intake in rhesus macaques using an ethanol fading procedure. College on Problems of Drug Dependence Annual Meeting, San Juan, PR, 2004.
- S.N. Von Huben, S.A. Davis, A.J. Kirsten, C.C. Lay, S.N. Katner and **M.A. Taffe**. Effects of raclopride and SCH23390 on cognitive performance in rhesus monkeys. Society for Neuroscience Annual Meeting, San Diego, CA, 2004.
- A.J. Kirsten, S.A. Davis, S.N. Von Huben, C.C. Lay, S.N. Katner and **M.A. Taffe**. Appetitive reinforcement in nonhuman primates: Revisiting the necessity and implementation of feeding restriction for behavioral studies. Society for Neuroscience Annual Meeting, San Diego, CA, 2004.
- M.A. Taffe**, S.N. Katner, C.C. Lay, S.A. Davis, S.N. Von Huben and A.J. Kirsten. Effects Of MDMA On Thermoregulation In Rhesus Monkeys. Society for Neuroscience Annual Meeting, San Diego, CA, 2004.
- S.N. Katner, S.N. Von Huben, C.T. Flynn, S.A. Davis, C.C. Lay, R.D. Crean, M. Cole, A.J. Roberts, H.S. Fox and **M.A. Taffe**: Stable and Inelastic Drinking Behavior Following a Long-Term History of Oral Alcohol Intake in Rhesus Macaques, College on Problems of Drug Dependence Annual Meeting, Orlando, Florida. 2005
- \***M.A. Taffe**, S.N. Katner, C.C. Lay, S.N. Von Huben, R.D. Crean, S.A. Davis, and A.J. Kirsten. MDMA-induced hyperthermia in rhesus monkeys. College on Problems of Drug Dependence Annual Meeting, Orlando, FL, 2005.
- S.N. Katner, M. Cole, C.T. Flynn, A.J. Kirsten, S.N. Von Huben, S.A. Davis, C.C. Lay, R.D. Crean, H.S. Fox and **M.A. Taffe**. Using a flavorant-fading procedure to model alcohol-seeking behavior in rhesus macaques. Research Society on Alcoholism Annual Meeting, Santa Barbara, CA, 2005.
- M.A. Taffe**, S.N. Von Huben, C.C. Lay, R.D. Crean, S.A. Davis and S.N. Katner Hyperthermia induced by ( $\pm$ )3,4-methylenedioxymethamphetamine in monkeys: Impact of ambient temperature. College on Problems of Drug Dependence Annual Meeting, Scottsdale AZ, 2006.
- R.D. Crean, S.A. Davis, S.N. Von Huben, C.C. Lay, S.N. Katner and **M.A. Taffe**. Comparison of the effects of ( $\pm$ )3,4-methylenedioxymethamphetamine, ( $\pm$ )3,4-methylenedioxyamphetamine and *d*-methamphetamine on temperature and activity in monkeys. College on Problems of Drug Dependence Annual Meeting, Scottsdale AZ, 2006.
- \***M.A. Taffe**, R.D. Crean, and S.A. Davis. Effects of oral MDMA and methamphetamine on thermoregulation in rhesus monkeys. Society for Neuroscience Annual Meeting, Atlanta, GA, 2006.
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