



## **CURRICULUM VITAE**

**Todd E. Thiele, Ph.D.**  
**Professor and Director of Research Services**  
**Department of Psychology, Curriculum in Neurobiology, and Bowles Center for Alcohol Studies**  
**University of North Carolina at Chapel Hill**  
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**July, 2010**

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### **PERSONAL DATA:**

Citizenship: U.S.A.  
Date of Birth: 13 January 1967  
Place of Birth: Duluth, Minnesota  
Family Status: married, two children

### **EDUCATION**

- Ph.D. in Psychology, Kansas State University , 1995
- M.S. in Psychology, Kansas State University, 1992
- B.S. in Psychology, University of Wisconsin-Madison, 1989

### **ACADEMIC HISTORY**

- 2008-Present Professor, Department of Psychology, University of North Carolina, Chapel Hill, NC.
- 2006-Present Director of Research Services, Department of Psychology, University of North Carolina, Chapel Hill, NC.
- 2005-Present Member, Interdisciplinary Obesity Center, University of North Carolina, Chapel Hill, NC.
- 2001-Present Member, Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, NC.

- 2001-Present Member, Curriculum in Neurobiology, University of North Carolina, Chapel Hill, NC.
- 2004-2008 Associate Professor, Department of Psychology, University of North Carolina, Chapel Hill, NC.
- 2001-2004 Assistant Professor, Department of Psychology , University of North Carolina, Chapel Hill, NC.
- 1998-2001 Research Scientist, Alcohol and Drug Abuse Institute, University of Washington, Seattle, WA.
- 1995-1998 Postdoctoral Research Fellow, Department of Psychology, University of Washington, Seattle, WA.
- 1990-1995 Graduate Research Assistant, Department of Psychology, Kansas State University, Manhattan, KS.

### **ACTIVE GRANTS**

- 2010-2015 Principal Investigator, National Institute on Alcohol Abuse and Alcoholism Research Grant (renewal of R01-AA015148): Melanocortin Neuropeptides and Ethanol Intake. Total direct costs \$1,068,750.
- 2009-2012 Principal Investigator, Department of Defense Research Grant (W81XWH-09-1-0293): Melanocortin and Opioid Peptide Interactions in the Modulation of Binge Alcohol Drinking. Total direct costs \$475,195.
- 2005-2011 Principal Investigator, National Institute on Alcohol Abuse and Alcoholism Research Grant (renewal of R01-AA013573): The Role of Neuropeptide Y in Ethanol Intake and Sensitivity. Total direct costs \$906,250.
- 2005-2010 Principal Investigator, Department of Defense Research Grant (W81XWH-06-1-0158): The Role of Neuropeptide Y (NPY) in Uncontrolled Alcohol Drinking and Relapse Behavior Resulting from Exposure to Stressful Stimuli. Total direct costs \$610,664.

### **COMPLETED GRANTS**

- 2005-2010 Principal Investigator, National Institute on Alcohol Abuse and Alcoholism Research Grant (R01-AA015148): Melanocortin Neuropeptides and Ethanol Intake. Total direct costs \$724,800.
- 2002-2005 Principal Investigator, National Institute on Alcohol Abuse and Alcoholism Research Center Grant Pilot Project (P60-AA011605): The Role of Protein Kinase A (PKA) in Neurobiological Responses to Ethanol. Total direct costs \$45,000.
- 2004-2005 Principal Investigator, Merck Pharmaceuticals Research Grant: The Effects of Neuropeptide Y Antagonists on Operant Self-Administration of Ethanol by C57BL/6J Mice. Total direct costs \$37,943.

- 2001-2005 Principal Investigator, National Institute on Alcohol Abuse and Alcoholism Research Grant (R01-AA013573): The Role of Neuropeptide Y in Ethanol Intake and Sensitivity. Total direct costs \$600,000.
- 1998-2003 Principal Investigator, National Institute on Alcohol Abuse and Alcoholism Career Development Grant (K01-AA00258): Neuronal Mediation of Ethanol-Induced Taste Aversions. Total direct costs \$374,378.
- 2002-2003 Principal Investigator, Merck Pharmaceuticals Research Grant: The Effects of Neuropeptide Y Antagonists on Voluntary Ethanol Drinking. Total direct costs \$17,925.
- 2001-2002 Principal Investigator, Junior Faculty Development Award from the University of North Carolina: The Role of Neuropeptide Y Receptors in Neurobiological Responses to Ethanol. Total direct costs \$5000.
- 2001-2002 Principal Investigator, Mason and Linda Stephenson Faculty Award, Psychology Department, University of North Carolina: The Role of Specific Neuropeptide Y Receptors in Neurobiological Responses to Ethanol. \$450.
- 2001 Principal Investigator, Alcohol and Drug Abuse Institute of the University of Washington Research Grant: The Role of Specific Neuropeptide Y Receptors in Neurobiological Responses to Ethanol and Diazepam. Total direct costs \$19,728.
- 1996-1995 Co-Investigator, Alcohol and Drug Abuse Institute of the University of Washington Research Grant: cFos Induction in Response to Alcohol and Tastes Paired with Alcohol in Alcohol-Preferring (P) and Alcohol-Nonpreferring (NP) rats. Total direct costs \$14,783.
- 1994-1995 Trainee, National Institute on Alcohol Abuse and Alcoholism Pre-Doctoral Fellowship (F31-AA05397): Memory Mechanisms of Learned Alcohol Aversions in Rats.

### **SPONSORED PRE- AND POST-DOCTORAL FELLOWSHIPS**

- Pending Pre-Doctoral Individual National Research Service Award, Gretchen M. Sprow, National Institute on Alcohol Abuse and Alcoholism (F31-AA019839): Ethanol-Induced Locomotor Sensitization: NPY Signaling and Chromatin Remodeling. Received an impact score of 16.
- 2008-2011 Pre-Doctoral Individual National Research Service Award, Angela M. Sparrow, National Institute on Alcohol Abuse and Alcoholism (F31-AA017818): Stress-Induced Increases of Ethanol Intake: The Role of Neuropeptide Y (NPY).
- 2008-2011 Pre-Doctoral Individual National Research Service Award, Emily G. Lowery, National Institute on Alcohol Abuse and Alcoholism (F31-AA017803): CRF Signaling in Stress- and Dependence-induced ethanol consumption.
- 2006-2008 Pre-Doctoral Individual National Research Service Award, Dayna M. Hayes, National Institute on Alcohol Abuse and Alcoholism (F31-AA016716): PKA and NPY Signaling in Ethanol-Induced Sensitization.

- 2005-2007 Pre-Doctoral Individual National Research Service Award, Jon R. Fee, National Institute on Alcohol Abuse and Alcoholism (F31-AA015877): The Role of PKA and Stress in Ethanol Sensitization.
- 2005-2007 Pre-Doctoral Individual National Research Service Award, Dennis R. Sparta, National Institute on Alcohol Abuse and Alcoholism (F31-AA015875): The Role of NPY on the Alcohol Deprivation Effect.
- 2005-2007 Post-Doctoral Individual National Research Service Award, Frank M. Ferraro, National Institute on Alcohol Abuse and Alcoholism (F32-AA015878): The Role of the NPY Y1 Receptor in Ethanol Relapse.

## AWARDS

- 2009 W. N. Reynolds Competitive Leave Award (for sabbatical leave during the Spring Semester of 2010).
- 1997, 1998 Junior Investigator Awards from the Research Society on Alcoholism (award supported by NIAAA).
- 1999 Glaxo Wellcome travel award to attend the 5<sup>th</sup> International NPY Meeting (\$1000).
- 1995 Merit Award from the Research Society on Alcoholism (award supported by NIAAA and RSA).

## PUBLICATIONS

1. Lowery, E. G. & Thiele, T. E. (2010). Pre-clinical evidence that corticotropin-releasing factor (CRF) receptor antagonists are promising targets for pharmacological treatment of alcoholism. *CNS & Neurological Diseases - Drug Targets*, 9, 77-86.
2. Lowery, E. G., Spanos, M., Navarro, M., Lyons, A. M., Hodge, C. W., & Thiele, T. E. (2010). CRF-1 antagonist and CRF-2 agonist decrease binge-like ethanol drinking in C57BL/6J mice independent of the HPA axis. *Neuropsychopharmacology*, 35 1241-1252.
3. Cubero, I., Navarro, M., Carvajal, F., Lerma-Cabrera, J. M., & Thiele, T. E. (2010). Ethanol-induced increase of agouti-related protein (AgRP) immunoreactivity in the arcuate nucleus of the hypothalamus of C57BL/6J, but not 129/SvJ, inbred mice. *Alcoholism: Clinical & Experimental Research*, 34 693-701.
4. Navarro, M., Cubero, I., Ko, L., & Thiele, T. E. (2009). Deletion of agouti-related protein blunts ethanol self-administration and binge-like drinking in mice. *Genes, Brain, & Behavior*, 8, 450-458.
5. Sparta, D. R., Ferraro III, F. M., Fee, J. R., Knapp, D. J., Breese, G. R., & Thiele, T. E. (2009). The alcohol deprivation effect (ADE) in C57BL/6J mice is observed using operant self-administration procedures and is modulated by CRF-1 receptor signaling. *Alcoholism: Clinical & Experimental Research*, 33, 31-42.

6. Lyons, A. M., Lowery, E. G., Sparta, D. R., & Thiele, T. E. (2008). Effects of food availability and administration of orexigenic and anorectic agents on elevated ethanol drinking associated with drinking in the dark procedures. *Alcoholism: Clinical & Experimental Research*, 32, 1962-1968.
7. Navarro, M., Cubero, I., Knapp, D. J., Breese, G. R., & Thiele, T. E. (2008). Decreased immunoreactivity of the melanocortin neuropeptide  $\alpha$ -melanocyte stimulating hormone ( $\alpha$ -MSH) after chronic ethanol exposure in Sprague-Dawley rats. *Alcoholism: Clinical & Experimental Research*, 32, 266-276.
8. Sparta, D. R., Sparrow, A. M., Lowery, E. G., Fee, J. R., Knapp, D. J., & Thiele, T. E. (2008). Blockade of the corticotropin releasing factor (CRF) type 1 receptor attenuates elevated ethanol drinking associated with drinking in the dark procedures. *Alcoholism: Clinical & Experimental Research*, 32, 259-265.
9. Lowery, E. G., Sparrow, A. M., Breese, G. R., Knapp, D. J., & Thiele, T. E. (2008). The CRF-1 receptor antagonist, CP-154,526, attenuates stress-induced increases in ethanol consumption by BALB/cJ mice. *Alcoholism: Clinical & Experimental Research*, 32, 240-248.
10. Fee, J. R., Sparta, D. R., Picker, M. J., & Thiele, T. E. (2007). Corticotropin releasing factor (CRF)-1 receptor antagonist, CP-154,526, blocks the expression of ethanol-induced behavioral sensitization. *Neuroscience*, 150, 14-21.
11. Sparta, D. R., Fee, J. R., Knapp, D. J., Breese, G. R., & Thiele, T. E. (2007). Elevated anxiety-like behavior following ethanol exposure in mutant mice lacking neuropeptide Y (NPY). *Drug & Alcohol Dependence*, 90, 297-300.
12. Fee, J. R., Knapp, D. J., Sparta, D. R., Breese, G. R., Picker, M. J., & Thiele, T. E. (2006). Involvement of protein kinase A in ethanol-induced locomotor activity and sensitization. *Neuroscience*, 140, 21-31.
13. Ferraro III, F. M., Sparta, D. R., Knapp, D. J., Breese, G. R. & Thiele, T. E. (2006). Increased consumption but not operant self-administration of ethanol in mice lacking the RII $\beta$  subunit of protein kinase A (PKA). *Alcoholism: Clinical & Experimental Research*, 30, 825-835.
14. van Dijk, G., de Vries, K., Nyakas, C., Buwalda, B., Adage, T., Kuipers, F., Kas, M., Adan, R. A. H., Wilkinson, C. C., Thiele, T. E., & Scheurink, A. J. W. (2005). Reduced anorexigenic efficacy of leptin, but not of the melanocortin receptor agonist melanotan-II, predicts diet-induced obesity in rats. *Endocrinology*, 146, 5247-5256.
15. Navarro, M., Cubero, I., Chen, A. S., Chen, H. Y., Knapp, Breese, G. R., D. J., Marsh, D. J., & Thiele, T. E. (2005). The effects of melanocortin receptor activation and blockade on ethanol and food intake: A possible role for the melanocortin-4 receptor. *Alcoholism: Clinical & Experimental Research*, 29, 949-957.
16. Hayes, D. M., Knapp, D. J., Breese, G. R., & Thiele, T. E. (2005). Comparison of basal NPY and CRF levels between the high ethanol drinking C57BL/6J and low ethanol drinking DBA/2J inbred mouse strains. *Alcoholism: Clinical & Experimental Research*, 29, 721-729.

17. Fee, J. R., Sparta, D. R., Knapp, D. J., Breese, G. R., Picker, M. J., & Thiele, T. E. (2004). Predictors of high ethanol consumption by RII $\beta$  knockout mice: Assessment of anxiety and ethanol-induced sedation. *Alcoholism: Clinical & Experimental Research*, 28, 1459-1468.
18. Sparta, D. R., Fee, J. R., Hayes, D. M., Knapp, D. J., MacNeil, D. J., & Thiele, T. E. (2004). Peripheral and central administration of a selective neuropeptide Y Y1 receptor antagonist suppresses ethanol intake by C57BL/6J mice. *Alcoholism: Clinical & Experimental Research*, 28, 1324-1330.
19. Thiele, T. E., Sparta, D. R., Hayes, D. M., & Fee, J. R. (2004). A role for neuropeptide Y in neurobiological responses to ethanol and drugs of abuse. *Neuropeptides*, 38, 235-243.
20. Thiele, T. E., Naveilhan, P., & Ernfors, P. (2004). Assessment of ethanol consumption and water drinking by NPY Y2 receptor knockout mice. *Peptides*, 25, 975-983.
21. Thiele, T. E., Stewart, R. B., Badia-Elder, N. E., R. B., Geary, N., Leibowitz, S. F., Hoebel, B. G., & Egli, M. (2004). Overlapping peptide control of alcohol self-administration and feeding. *Alcoholism: Clinical & Experimental Research*, 28, 288-294.
22. Navarro, M., Cubero, I., Knapp, D. J. & Thiele, T. E. (2003). MTII-induced reduction of voluntary ethanol drinking is blocked by pretreatment with AgRP-(83-132). *Neuropeptides*, 37, 338-344.
23. Thiele, T. E., Sparta, D. R., Fee, J. R., Navarro, M., & Cubero, I. (2003). Central infusion of neuropeptide Y alters ethanol-induced sedation, but not ethanol consumption, by C57BL/6 mice. *Alcohol*, 31, 155-160.
24. Thiele, T. E., Navarro, M., Sparta, D. R., Fee, J. R., Knapp, D. J., & Cubero, I. (2003). Alcoholism and Obesity: Overlapping Neuropeptide Pathways? *Neuropeptides*, 37, 321-337.
25. Pandey, S. C., Carr, L. G., Heilig, M., Ilveskoski, E., & Thiele, T. E. (2003). Neuropeptide Y (NPY) and alcoholism: Genetic, molecular, and pharmacological evidence. *Alcoholism: Clinical & Experimental Research*, 27, 149-154.
26. Kaiyala, K. J., Thiele, T. E., Watson, C. H., & Ramsey, D. S. (2003). Nitrous oxide-induced c-Fos expression in the rat brain. *Brain Research*, 967, 73-80.
27. Thiele, T. E. & Badia-Elder, N. E. (2003). A role for neuropeptide Y in alcohol intake control: Evidence from human and animal research. *Physiology & Behavior*, 79, 95-101.
28. Koh, M. T., Clarke, S. N. D. A., Spray, K. J., Thiele, T. E., & Bernstein, I. L. (2003). Conditioned taste aversion memory and cFos induction are disrupted in RII $\beta$ -protein kinase A mutant mice. *Behavioural Brain Research*, 143, 57-63.
29. Koh, M. T., Thiele, T. E., & Bernstein, I. L. (2002). Inhibition of protein kinase A activity interferes with the consolidation and reconsolidation of long-term memory of conditioned taste aversions. *Behavioral Neuroscience*, 116, 1070-1074.

30. Thiele, T. E., Koh, M. T., & Pedrazzini, T. (2002). Voluntary alcohol consumption is controlled via the NPY Y1 receptor. *Journal of Neuroscience*, 22, RC 208, 1-6.
31. Lopez-Grancha, M., Navarro, M., Cubero, I., Thiele, T. E., & Bernstein, I. L. (2002). Induction of a brainstem correlate of conditioned taste aversion expression: Role of the pontine parabrachial nucleus. *Behavioral Brain Research*, 131, 205-209.
32. Czachowski, C. L., Slawecki, C. J., Grahame, N. J., Thiele, T. E., & Katner, S. N. (2001). Approaches to understanding the neurobiological regulation of ethanol self-administration: A young investigators forum. *Alcoholism: Clinical & Experimental Research*, 25, 293-298.
33. Roitman, M. F., van Dijk, G., Thiele, T. E., & Bernstein, I. L. (2001). Dopamine mediation of the feeding response to violations of spatial and temporal expectancies. *Behavioral Brain Research*, 122, 193-199.
34. Schafe, G. E., Fitts, D. A., Thiele, T. E., LeDoux, J. E., & Bernstein, I. L. (2000). The induction of c-Fos in NTS following taste aversion learning is not correlated with measures of conditioned fear. *Behavioral Neuroscience*, 114, 99-106.
35. Thiele, T. E., Willis, B., Reynolds, J. G., Bernstein, I. L., & McKnight, G. S. (2000). High ethanol consumption, low acute sensitivity, in protein kinase A-mutant mice. *Journal of Neuroscience*, 20, RC75, 1-6.
36. Benoit, S. C., Thiele, T. E., Heinrichs, S. C., Rushing, P. A., Blake, K. A., & Seeley, R. J. (2000). Comparison of central administration of corticotropin-releasing hormone and urocortin of food intake, conditioned taste aversion, and c-Fos expression. *Peptides*, 21, 345-351.
37. Thiele, T. E., Cubero, I., van Dijk, G., Mediavilla, C., & Bernstein, I. L. (2000). Ethanol-induced cFos expression in catecholamine- and neuropeptide Y-producing neurons in rat brainstem. *Alcoholism: Clinical & Experimental Research*, 24, 802-809.
38. Navarro, M., Spray, K. J., Cubero, I., Thiele, T. E., & Bernstein, I. L. (2000). cFos induction during conditioned taste aversion expression varies with aversion strength. *Brain Research*, 887, 450-453.
39. Thiele, T. E., Miura, G. I., Marsh, D. J., Bernstein, I. L., & Palmiter, R. D. (2000). Neurobiological responses to ethanol in mutant mice lacking neuropeptide Y or the Y5 receptor. *Pharmacology, Biochemistry, & Behavior*, 67, 683-691.
40. van Dijk, G., Seeley, R. J., Thiele, T. E., Friedman, M. I., Ji, H., Wilkinson, C. W., Burn, P., Campfield, L. A., Tenenbaum, R., Baskin, D.G., Woods, S. C., & Schwartz, M.W. (1999). Metabolic, gastrointestinal, and CNS neuropeptide effects of brain leptin administration in rat. *American Journal of Physiology*, 276, R1425-1433.
41. Cubero, I., Thiele, T. E., & Bernstein, I. L. (1999). Insular cortex lesions and taste aversion learning: effects of conditioning method and timing of lesion. *Brain Research*, 839, 323-330.
42. van Dijk, G. & Thiele, T. E. (1999). Glucagon-like peptide-1 (7-36) amide: A central regulator of satiety and interoceptive stress. *Neuropeptides*, 33, 406-414.

43. Thiele, T. E., Roitman, M. F., & Bernstein, I. L. (1998). Learned tolerance to ethanol-induced cFos expression in rats. *Behavioral Neuroscience*, *112*, 193-198.
44. Thiele, T. E., van Dijk, G., Yagaloff, K. A., Fisher, S. L., Schwartz, M., Burn, P., & Seeley, R. J. (1998). Central infusion of melanocortin agonist MTII in rats: Assessment of cFos expression and taste aversion. *American Journal of Physiology*, *274*, R248-R254.
45. Bell, S. M., Thiele, T. E., Seeley, R. J., Bernstein, I. L., & Woods, S. C. (1998). Effects of food deprivation on conditioned taste aversions in rats. *Pharmacology, Biochemistry, & Behavior*, *60*, 459-466.
46. Thiele, T. E., Seeley, R. J., D'Alessio, D., Eng, J., S. C., Bernstein, I. L., Woods, & van Dijk, G. (1998). Central infusion of GLP-1-(7-36) amide receptor antagonist attenuates lithium chloride-induced c-Fos induction in rat brainstem. *Brain Research*, *801*, 164-170.
47. Bell, S. M., Reynolds, J. G., Thiele, T. E., Gan, J., Figlewicz, D. P., & Woods, S. C. (1998). Effects of third intracerebroventricular injections of corticotropin-releasing factor (CRF) on ethanol drinking and food intake. *Psychopharmacology*, *139*, 128-135.
48. Dess, N. K., Badia-Elder, N. E., Thiele, T. E., Kiefer, S. W., & Blizard, D. A. (1998). Ethanol consumption in rats selectively bred for differential saccharin intake. *Alcohol*, *16*, 275-278.
49. Thiele, T. E., Marsh, D. J., Ste. Marie, L., Bernstein, I. L., and Palmiter, R. D. (1998). Ethanol consumption and resistance are inversely related to neuropeptide Y levels. *Nature*, *396*, 366-369.
50. Schafe, G. E., Thiele, T. E., & Bernstein, I. L. (1998). Conditioning method dramatically alters the role of amygdala in taste aversion learning. *Learning and Memory*, *5*, 481-492.
51. van Dijk, G., Thiele, T. E., Seeley, R. J., Woods, S.C., & Bernstein, I. L. (1997). Glucagon-like peptide-1 and satiety. *Nature*, *385*, 214.
52. Thiele, T. E., Badia-Elder, N. E., Kiefer, S. W., & Dess, N. K. (1997). Continuous intraoral saccharin infusions in high vs. low saccharin-consumption rats. *Physiology & Behavior*, *61*, 149-152.
53. Thiele, T. E., van Dijk, G., Campfield, L. A., Smith, F. J., Burn, P., Woods, S. C., Bernstein, I. L., & Seeley, R. J. (1997). Central infusion of GLP-1, but not leptin, produces conditioned taste aversions in rats. *American Journal of Physiology: Regulatory, Integrative, and Comparative Physiology*, *272*, R726-R730.
54. Roitman, M. F., Schafe, G. E., Thiele, T. E., & Bernstein, I. L. (1997). Dopamine and sodium appetite: Antagonists suppress sham drinking of NaCl solutions in the rat. *Behavioral Neuroscience*, *111*, 606-611.
55. Thiele, T. E., van Dijk, G., & Bernstein, I. L. (1997). Ethanol-induced cFos expression in rat lines selected for low and high alcohol consumption. *Brain Research*, *756*, 278-282.
56. van Dijk, G., Donahey, J. C. K., Thiele, T. E., Scheurink, A. J. W., Steffens, A. B., Wilkinson, C., Tenenbaum, R., Campfield, L. A., Burn, P., Seeley, R. J., & Woods, S. C. (1997). Central leptin stimulates corticosterone secretion at the onset of the dark phase. *Diabetes*, *46*, 1911-1914.

57. Seeley, R. J., Yagaloff, K. A., Fisher, S. L., Burn, P., Thiele, T. E., van Dijk, G., Baskin, D. G., & Schwartz, M. W. (1997). Melanocortin receptors in leptin effects. *Nature*, *390*, 349.
58. Thiele, T. E., Kiefer, S. W., & Badia-Elder, N. E. (1996). Delayed generalization testing produces enhanced alcohol aversions in rats. *Alcohol*, *13*, 201-207.
59. Thiele, T. E., Kiefer, S. W., & Bailey, S. A. (1996). Taste reactivity and consumption measures in the assessment of overshadowing: Modulation of aversive, but not ingestive reactivity. *Psychonomic Bulletin & Review*, *3*, 199-203.
60. Thiele, T. E., Roitman, M. F., & Bernstein, I. L. (1996). c-Fos induction in rat brainstem in response to ethanol- and lithium chloride-induced conditioned taste aversions. *Alcoholism: Clinical & Experimental Research*, *20*, 1023-1028.
61. van Dijk, G., Thiele, T. E., Donahey, J. C. K., Campfield, L. A., Smith, F. J., Burn, P., Bernstein, I. L., Woods, S. C., & Seeley, R. J. (1996). Central infusion of leptin and GLP-1-(7-36) amide differentially stimulate c-Fos-like immunoreactivity in the rat brain. *American Journal of Physiology: Regulatory, Integrative, and Comparative Physiology*, *271*, R1096-R1100.
62. Thiele, T. E., & Frieman, J. (1994). Taste potentiated color aversions in pigeons: Examination of CS preexposure and subsequent effects on postconditioning extinction of the taste aversion. *Animal Learning & Behavior*, *22*, 436-441.

## BOOK CHAPTERS

1. Heilig, M., & Thiele, T. E. (2005). *Neuropeptide Y antagonists: a perspective*. In: Mann, K. & Spanagel, R. (eds.) *Milestones in Drug Therapy: Drugs for Relapse Prevention of Alcoholism*. Birkheuser, Verlag, Switzerland.
2. Thiele, T. E. & Heilig, M. (2004). *Behavioural Effects of NPY*. In: Micheal, M. (ed.) *Handbook of Experimental Pharmacology, Vol. 162: Neuropeptide Y and Related Peptides*. Springer-Verlag, Heidelberg, p.p. 252-282.

## PUBLISHED ABSTRACTS

1. Lowery, E. G., Navarro, M., Lyons, A. M., & Thiele, T. E. (2010). CRF-1 receptor antagonists protect against binge-like ethanol consumption by C57BL/6J mice. *Alcoholism: Clinical & Experimental Research*, *34*, 143A.
2. Lyons, A. M., Navarro, M., Lowery, E. G., & Thiele, T. E. (2010). The effects of neuropeptide Y (NPY) Y1 receptor signaling on binge-like ethanol drinking in C57BL/6J mice. *Alcoholism: Clinical & Experimental Research*, *34*, 144A.

3. Navarro, M., Lerma-Cabrera, J. M., Carvajal, F., Lowery, E. G., Cubero, I., & Thiele, T. E. (2010). Central, but not peripheral, administration of melanocortin (MC) receptor agonists require the MC-4 receptor to reduce ethanol intake. *Alcoholism: Clinical & Experimental Research*, 34, 15A.
4. Sprow, G. M. & Thiele, T. E. (2010). Peripheral administration of trichostatin A augments ethanol-induced locomotor sensitization in DBA/2J mice. *Alcoholism: Clinical & Experimental Research*, 34, 13A.
5. Thiele, T. E. & Lyons, A. M. (2010). A role for neuropeptide Y (NPY) signaling in the modulation of binge-like ethanol drinking in C57BL/6J mice. *Alcoholism: Clinical & Experimental Research*, 34, 276A.
6. Sprow, G. M. & Thiele, T. E. (2009). Evidence for epigenetic mechanisms in ethanol-induced locomotor sensitization in DBA/2J mice. *Society for Neuroscience Abstracts*, Online.
7. Lowery, E. G., Navarro, M., Lyons, A., & Thiele, T. E. (2009). Activation of central corticotropin-releasing factor type 2 receptors (CRF2R) attenuates high levels of ethanol consumption associated with “drinking in the dark” procedures. *Society for Neuroscience Abstracts*, Online.
8. Sprow, G. M. & Thiele, T. E. (2009). Assessment of histone acetylation in the striatum and nucleus accumbens following ethanol-induced locomotor sensitization in DBA/2J mice. *Alcoholism: Clinical & Experimental Research*, 33, 215A.
9. Navarro, M., Cubero, I., Ko, L. & Thiele, T. E. (2009). Deletion of agouti-related protein protects against binge-like ethanol drinking in C57BL/6J mice. *Alcoholism: Clinical & Experimental Research*, 33, 145A.
10. Lyons, A. M., Navarro, M., Lowery, E. G., & Thiele, T. E. (2009). The effects of stress and neuropeptide Y (NPY) signaling on binge-like ethanol drinking in C57BL/6J mice. *Alcoholism: Clinical & Experimental Research*, 33, 95A.
11. Lowery, E. G., Spanos, M., Navarro, M., Lyons, A. M., Hodge, C. W., & Thiele, T. E. (2009). Extrahypothalamic corticotropin-releasing factor maintains high levels of ethanol consumption associated with “drinking in the dark” procedures. *Alcoholism: Clinical & Experimental Research*, 33, 95A.
12. Thiele, T. E., Lowery, E. G., Sparta, D. R., & Lyons, A. M. (2009). A role for CRF-1 receptor signaling in excessive ethanol intake. *Alcoholism: Clinical & Experimental Research*, 33, 277A.
13. Hayes, D. M., McCown, T. J., Knapp, D. J., Breese, G. R., & Thiele, T. E. (2009). Neuropeptide Y in the nucleus accumbens core modulates ethanol-induced locomotor activity: A role for NPY Y2 receptors. *Alcoholism: Clinical & Experimental Research*, 33, 145A.
14. Knapp, D. H., Navarro, M., Huang, M., Wills, T. A., Overstreet, D. H., Thiele, T. E. & Breese, G. R. (2008).  $\alpha$ -MSH prevents sensitization of withdrawal-induced anxiety-like behavior induced by the lipopoly-saccharide (LPS)/ethanol withdrawal. *Alcoholism: Clinical & Experimental Research*, 32, 80A.
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- deprivation effect and anxiety-like behavior in Alcohol Preferring P rats. *Alcoholism: Clinical & Experimental Research*, 32, 81A.
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#### **CONVENTION PRESENTATIONS AND POSTERS WITHOUT PUBLISHED ABSTRACTS**

1. Thiele, T. E. & Lyons, A. M. (2010). A role for neuropeptide Y (NPY) signaling in the modulation of binge-like ethanol drinking in C57BL/6J mice. Talk presented at the annual meeting of the Research Society on Alcoholism, San Antonio, TX.
2. Thiele, T. E. (2009). Neuropeptide Y (NPY) Y1 and corticotropin-releasing factor (CRF)-1 receptors modulate stress-induced increases of ethanol intake in mice. Talk and poster presented at the 2009 Military Health Research Forum, Kansas City, MO.
3. Thiele, T. E., Lowery, E. G., Sparta, D. R., & Lyons, A. M. (2009). A role for CRF-1 receptor signaling in excessive ethanol intake. Talk presented at the annual meeting of the Research Society on Alcoholism, San Diego, CA.
4. Thiele, T. E., Knapp, D. J., Overstreet, D. H., Navarro, M., Breese, G. R., & McCown, T. J. (2007). Amygdalar transduction by a rAAV vector causing constitutive secretion of NPY blocks the alcohol deprivation effect and anxiety-like behavior in Alcohol Preferring P rats. Talk presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
5. Thiele, T. E. (2006). Adeno-associated NPY viral vector transduction in the nucleus accumbens and amygdala alters ethanol sensitivity in mice. Talk presented at the annual meeting of the Research Society on Alcoholism, Baltimore, MD.

6. Thiele, T. E., Hayes, D. M., Knapp, D. J., Breese, G. R., & McCown, T. J. (2006). Adeno-associated NPY viral vector transduction in the nucleus accumbens and amygdala alters ethanol sensitivity in mice. Talk presented at the 8<sup>th</sup> International NPY meeting, St. Petersburg, FL.
7. Fee, J. R., Sparta, D. R., Picker, M. J., & Thiele, T. E. (2004). Increased ethanol drinking by RII $\beta$  knockout mice: Assessment of genetic background and testing procedures. Poster presented at the Fourth Annual Guze Symposium on Alcoholism, St. Louis, MO.
8. Thiele, T. E. (2003). Voluntary ethanol consumption is modulated by central melanocortin receptors. Talk presented at the annual meeting of the Research Society on Alcoholism, Fort Lauderdale, FL.
9. Thiele, T. E. (2002). Altered ethanol-induced sedation and ethanol drinking in mutant mice lacking specific NPY receptor. Talk presented at the annual meeting of the Research Society on Alcoholism, San Francisco, CA.
10. Thiele, T. E. (2001). Altered voluntary consumption of ethanol in mutant mice lacking either the NPY Y1 or Y2 receptor. Talk presented at the 6<sup>th</sup> International NPY meeting, Sydney, Australia.
11. Thiele, T. E. (2001). Altered voluntary consumption of ethanol in protein kinase A-mutant mice. Poster presented at the Genes and Gene Delivery for Diseases of Alcoholism Conference, Chapel Hill, NC.
12. Thiele, T. E. (2000). Neuropeptide Y (NPY) signaling modulates voluntary ethanol consumption and acute intoxicating effects of ethanol. Talk presented at the annual meeting of the European Winter Conference on Brain Research, Villars, Switzerland.
13. Thiele, T. E. (2000). Transgenic and knockout mouse models: Powerful tools for investigating the neurobiology of alcoholism. Talk presented at the annual meeting of the Research Society on Alcoholism, Denver, Colorado.
14. Thiele, T. E. (1999). Ethanol consumption and resistance are inversely related to neuropeptide Y levels. Talk presented at the 5<sup>th</sup> International NPY meeting, Grand Cayman Island.
15. Roitman, M. F., Thiele, T. E., Bernstein, I. L., & van Dijk, G. (1999). Conditioned over-eating is blocked by a dopamine (DA) antagonist. Poster presented at the annual meeting of the Society for the Study of Ingestive Behaviors, Clearwater, FL.
16. Thiele, T. E. (1999). Co-expression of ethanol-induced c-Fos with neuropeptide Y and tyrosine hydroxylase in rat brainstem neurons. Talk presented at the annual meeting of the Research Society on Alcoholism, Santa Barbara, CA.
17. Thiele, T. E., van Dijk, G., Seeley, R. J., Woods, S. C., & Bernstein, I. L. (1998). Central mechanisms involved in taste aversion learning: Implications for ingestive behavior. Talk presented at the annual meeting of the European Winter Conference on Brain Research, Bourg St. Maurice, France.
18. van Dijk, G., Thiele, T. E., Donahey, J. C. K., Seeley, R. J., Bernstein, I. L., Campfield, L. A., & Woods, S. C. (1997). Action of anorectic compounds in fore- and hindbrain: Their role in regulating body weight homeostasis. Talk presented at the annual meeting of the European Winter Conference on Brain Research, Bourg St. Maurice, France.

19. Bell, S. M., Thiele, T. E., Seeley, R. J., Bernstein, I. L., & Woods, S. C. (1997). Effects of food deprivation on amphetamine-induced conditioned taste aversions (CTA) in rats. Poster presented at the annual meeting of the Society for the Study of Ingestive Behavior, Baltimore, MD.
20. Seeley, R. J., van Dijk, G., Blake, K., & Thiele, T. E. (1997). The role of glucagon-like-peptide-(7-36)-amide (GLP-1) in the control of food intake and mediating visceral illness in the CNS. Talk presented and the meeting of Brain Mechanisms of Ingestion and Gastrointestinal Physiology, Durham, England.
21. Thiele, T. E., & Frieman, J. (1995). *Post-Training Revaluation of Discriminative Stimuli: Evidence of S-R associations*. Talk presented at the annual meeting of the Psychonomic Society, Los Angeles, California.
22. Thiele, T. E. & Bailey, S. A. (1994). *Taste-Taste Conditioning: Further Evidence of Overshadowing*. Poster presented at the annual meeting of the Southwestern Psychological Association, Tulsa, Oklahoma.
23. Thiele, T. E., Frieman, J., & Tani-Harris, J. (1994). *Post-Training Devaluation of the Discriminative Stimulus: Evidence of S-R Associations*. Talk presented at the annual meeting of the Midwestern Psychological Association, Chicago, Illinois.
24. Kiefer, S. W., Thiele, T. E., & Badia-Elder, N. E. (1994). *Delayed Generalization Testing Produces Stronger Alcohol Aversions in Rats*. Poster presented at the annual meeting of the Psychonomic Society, St. Louis, Missouri.
25. Bailey, S. A., & Thiele, T. E. (1993). *Taste Avoidance to a Bitter Substance in Pigeons*. Poster presented at the annual Great Plains Students' Psychology Convention, Maryville, Missouri.
26. Thiele, T. E., Bailey, S. A., & Kiefer, S. W. (1993). *Taste-Taste Conditioning: Overshadowing Instead of Potentiation*. Poster presented at the annual meeting of the Southwestern Psychological Association, Corpus Christi, Texas.
27. Thiele, T. E., & Frieman, J. (1993). *Pre-Potentiation Exposure to Conditioned Stimulus Versus No Pre-Exposure: Evidence of Within-Compound Associations*. Poster presented at the annual meeting of the American Psychological Society, Chicago, Illinois.
28. Thiele, T. E. & Frieman, J. (1992). *Non-Reinforced Compound Exposure Before Potentiation Training: The Effects on Within-Compound Associations*. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, Illinois.

## INVITED PRESENTATIONS

Departamento de Psicología Experimental y Fisiología del Comportamiento, University of Granada, Granada, Spain (June, 2010). Talk titled *A Role for Central Neuropeptides in Binge Alcohol Drinking*.

Departamento de Neurociencia y Ciencias de la Salud, University of Almeria, Almeria, Spain (April, 2010). Talk titled *A Role for Central Neuropeptides in Binge Alcohol Drinking*.

- Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, North Carolina (February, 2010). Talk titled *NPY and CRF Modulate Binge-Like Ethanol Drinking in C57BL/6J Mice*.
- National Institute on Alcohol Abuse and Alcoholism, Intramural Research Program, Bethesda, Maryland (September, 2009). Talk titled *A Role for CRF & NPY Receptor Signaling in the Modulation of Binge-like Ethanol Drinking by C57BL/6J Mice*.
- Department of Psychology, University of Illinois at Chicago, Chicago, Illinois (May, 2008). Talk titled *Diverse Roles for Neuropeptide Y in Neurobiological Responses to Ethanol*.
- Department of Psychology, University of Alaska Anchorage, Anchorage, Alaska (April, 2008). Talk titled *The Role of Central Neuropeptides in Stress-Induced Alcohol Drinking*.
- Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, North Carolina (November, 2007). Talk titled *A Role for Neuropeptide Y (NPY) and Corticotropin Releasing Factor (CRF) in the Modulation of Neurobiological Responses to Ethanol*.
- Department of Psychology, Clinical Program, University of North Carolina, Chapel Hill, North Carolina (February, 2007). Talk titled *The Role of Neuropeptide Y (NPY) in Ethanol Self-Administration*.
- The Annual Meeting of the American College of Neuropsychopharmacology, Waikoloa, Hawaii (December, 2005). Invited speaker for a symposium titled *The Role of Feeding Neuropeptides in Alcohol and Drug Dependence*. Chaired by Drs. Michael Lewis and George Koob. Talk titled *Neuropeptide Y and Melanocortin Neuropeptides Regulate Alcohol Intake and Feeding: Are Overlapping Pathways Involved?*
- Neuroscience Institute at the University of Tennessee Health Science Center, Memphis, Tennessee (November, 2005). Talk titled *Too Much Booze, Too Much Food: Overlapping Neuropeptide Control of Alcohol and Food Ingestion?*
- Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, North Carolina (October, 2005). Talk titled *Predictors of High Ethanol Consumption in Protein Kinase A Mutant Mice*.
- Departments of Neurotoxicology and Psychopharmacology, Rovira i Virgili University, Tarragona, Spain (June, 2005). Talk titled *The Role of Neuropeptide Y in Alcohol Self-Administration*.
- Sarah W. Stedman Nutrition and Metabolism Center, Duke University, Durham, North Carolina (February, 2004). Talk titled *Alcoholism and Obesity: Overlapping Neuropeptide Pathways?*
- Gallo Alcohol Research Center, University of California, San Francisco, California (December, 2002). Talk titled *From Neuropeptides to Protein Kinase A: A Pathway to Alcoholism*.
- National Institute on Alcohol Abuse and Alcoholism sponsored symposium at the annual meeting of the Society for the Study of Ingestive Behavior, Santa Cruz, California (August, 2002). Symposium titled *Peptides: Their Role in Excess Alcohol Drinking and Their Promise as a Therapeutic Tool*. Talk titled *The Relationship between Neuropeptide Y (NPY) and Ethanol-Related Behaviors in Mutant Mice Lacking Specific NPY Receptor and in Rats Selectively Bred for Alcohol Preference*.

National Institute on Alcohol Abuse and Alcoholism sponsored Satellite Symposium at the Annual Meeting of the Society for Neuroscience, San Diego, California (November, 2001). Symposium titled *Neurogenetics of Alcoholism*. Talk titled *Knockout and Transgenic Mouse Models: Powerful Tools for Investigating the Neurobiology of Alcoholism*.

Bowles Center for Alcohol Studies, University of North Carolina, Chapel Hill, North Carolina (November, 2001). Talk titled *Neuropeptide Y Y1 and Y2 Receptors Modulate Voluntary Consumption of Ethanol*.

Merck Research Laboratories, Department of Obesity Research, Rahway, New Jersey (December, 2000). Talk titled *Genetic and Pharmacological Approaches Towards Understanding the Neurobiology of Drug Reward and Aversion*.

Department of Behavioral Neuroscience, Oregon Health Sciences University, Portland, Oregon (October, 2000). Talk titled *Behavioral Characterization of Protein Kinase A-Mutant Mice*.

American Society for Addiction Medicine (ASAM), Chicago, Illinois (April, 2000). Invited speaker for a NIAAA sponsored symposium titled *Clinical Insights from Animal Models*. Talk titled *Gene Knockout and Transgenic Mouse Models: Powerful Tools for Investigating the Neurobiology of Alcoholism*.

Department of Psychiatry and Behavioral Sciences, University of Washington, Seattle, Washington (January, 2000). Invited speaker for a Grand Rounds lecture series. Talk titled *The Role of Neuropeptides in Voluntary Ethanol Consumption*.

National Institute on Alcohol Abuse and Alcoholism, Bethesda, Maryland (April, 1999). Invited speaker for a workshop/symposium titled *Neuropeptides and Alcohol Intake*. Talk titled *The Role of Neuropeptide Y in Voluntary Ethanol Consumption*.

Lilly Research Laboratories, Lilly Corporate Center, Indianapolis, Indiana (October, 1998). Talk titled *Simple Tests for Assessing Potential Aversive Side-Effects in Anorectic Compounds*.

University of Groningen, Department of Animal Physiology, Haren, the Netherlands (March, 1998). Talk titled *Mutant Mice Lacking Neuropeptide-Y Consume More Ethanol Relative to Wild-type Mice*.

## **TEACHING EXPERIENCE**

- *Principles of Learning in Drug Abuse Research Seminar* (PSYCH 302/708), U. of North Carolina, Fall, 2004.
- *Learning* (PSYCH 22/222), U. of North Carolina, Fall, 2003, 2005, 2006; Spring 2008.
- *Neurobiology of Alcoholism Seminar* (PSYCH 302/708), U. of North Carolina, Spring, 2003, 2009.
- *Biological Bases of Behavior II* (PSYCH 202/702), U. of North Carolina, Spring, 2003, 2005, 2007.
- *Seminar in Experimental Psychology* (PSYCH 333/334), U. of North Carolina, Fall, 2002, 2004; Spring 2006.
- *Drugs and Human Behavior* (PSYCH 70/320), U. of North Carolina, Spring, 2002.
- *Alcohol and Substance Abuse Seminar* (PHCO728), U. of North Carolina, Guest Lecture, Spring 2006, 2008.
- *Drugs and Behavior*. Kansas State University, 1994.
- *General Psychology*. Kansas State University, 1992-94.

- *Principles of Learning*. Kansas State University, 1992-93.
- *Experimental Methods Laboratory*. Kansas State University, 1992, 1995.

## **DIRECT STUDENT AND POST-DOCTORAL FELLOW SUPERVISION**

### ***Post-Doctoral Fellow***

- Frank Ferraro, Ph.D., 2004-2006.

### ***Doctoral Students***

- Jon Fee, Psychology Graduate Program, 2002-2007.
- Dennis Sparta, Psychology Graduate Program, 2002-2007.
- Dayna Hayes, Psychology Graduate Program, 2003-2009.
- Emily Lowery, Psychology Graduate Program, 2006-present.
- Angela Lyons, Psychology Graduate Program, 2006-present.
- Gretchen Sprow, Psychology, Graduate Program, 2008-present.

### ***Dissertation & Masters Committees***

- Emily Lowery, Chair of Dissertation Committee, Psychology Graduate Program, 2009-present.
- Angela Lyons, Chair of Dissertation Committee, Psychology Graduate Program, 2009-present.
- Alison Wagner, Committee, Psychology Graduate Program, 2009-2010.
- Laurence Miller, Dissertation Committee, Psychology Graduate Program, 2009-present.
- Marina Spanos, Dissertation Committee, Neurobiology Curriculum, 2007-2010.
- Angela Sparrow, Chair of Masters Thesis Committee, Psychology Graduate Program, 2008.
- Emily Lowery, Chair of Masters Thesis Committee, Psychology Graduate Program, 2008.
- Dayna Hayes, Chair of Dissertation Committee, Psychology Graduate Program, 2007-2009.
- Rebecca Klatzkin, Dissertation Committee, Psychology Graduate Program, 2007-2009.
- Jeremy Day, Masters Thesis Committee, Psychology Graduate Program, 2006.
- Tiffany Wills, Dissertation Committee, Neurobiology Curriculum, 2006-2009.
- Jennifer Thomson, Dissertation Committee, Psychology Graduate Program, 2006-2009.
- Stephanie Traina, Masters Thesis Committee, Psychology Graduate Program, 2008.
- Heather Lasseter, Masters Thesis Committee, Psychology Graduate Program, 2008.
- Rebekah Stevenson, Chair of Dissertation Committee, Neurobiology Curriculum, 2005-2008.
- Joshua Jones, Masters Thesis Committee, Psychology Graduate Program, 2007.
- Dennis Sparta, Chair of Dissertation Committee, Psychology Graduate Program, 2005-2007.
- Timothy Sauer, Dissertation Committee, Psychology Graduate Program, 2005-2007.
- Lisa Lomas, Dissertation Committee, Psychology Graduate Program, 2004-2007.
- Jon Fee, Chair of Dissertation Committee, Psychology Graduate Program, 2005-2007.
- Rebecca Klatzkin, Masters Thesis Committee, Psychology Graduate Program, 2006.
- Elizabeth Mechlin, Masters Thesis Committee, Psychology Graduate Program, 2006.
- Jonathan Hollander, Dissertation Committee, Psychology Graduate Program, 2003-2006.
- Jay Elliot, Dissertation Committee, Psychology Graduate Program, 2005.
- Ryan Lanier, Dissertation Committee, Psychology Graduate Program, 2004-2005.
- Garret Stuber, Dissertation Committee, Neurobiology Curriculum, 2003-2005.
- Jolan Turner, Dissertation Committee, Psychology Graduate Program, 2003-2005.
- Jameeliah Lane, Masters Thesis Committee, Psychology Graduate Program, 2005.

- Dayna Hayes, Chair of Masters Thesis Committee, Psychology Graduate Program, 2005.
- Jon Fee, Chair of Masters Thesis Committee, Psychology Graduate Program, 2004.
- Dennis Sparta, Chair of Masters Thesis Committee, Psychology Graduate Program, 2004.
- Andrew Barrett, Dissertation Committee, Psychology Graduate Program, 2001-2003.
- Kelly Carrigan, Dissertation Committee, Psychology Graduate Program, 2002.
- Jolan Turner, Masters Thesis Committee, Psychology Graduate Program, 2002.
- Jonathan Hollander, Masters Thesis Committee, Psychology Graduate Program, 2002.

### *Undergraduate Students*

- Thomas Lunney, Undergraduate Independent Research (Psych 98/395), Spring 2009.
- Clodagh Mullen, Undergraduate Honors Thesis, Fall and Spring, 2006-2007.
- Erin Trado, Undergraduate Independent Research (Psych 98), Summer and Fall, 2005.
- Kimberley Cubit, Summer Pre-Graduate Research Experience Program, Summer 2004.
- Elizabeth Schenk, Undergraduate Independent Research (Psych 98), Fall 2002.
- Andreas Perlegas, Undergraduate Independent Research (Psych 98), Fall 2002.
- Benjamin Anderson, Undergraduate Honors Thesis Committee, Fall, 2001.

### **TRAINING GRANT MEMBERSHIP**

- *Pre-doctoral Training in Research on Drug Abuse.* Funded by the National Institute on Drug Abuse. Department of Psychology, UNC-Chapel Hill (2001 to present).
- *Post-doctoral Fellowships in Molecular & Cellular Studies on Alcohol's Actions.* Funded by the National Institute on Alcohol Abuse and Alcoholism . Bowles Center for Alcohol Studies (2004 to present).

### **UNIVERSITY SERVICE**

- **Member, Teaching Awards Committee.** 2007-present, Department of Psychology, University of North Carolina.
- **Member, Mentoring Committee for Rita Fuchs-Lochensgard, Ph.D.** 2007-present, Department of Psychology, University of North Carolina.
- **Alternate Member, Advisory Committee.** 2007-present, Department of Psychology, University of North Carolina.
- **Member, Building Space Committee.** 2006-present, Department of Psychology, University of North Carolina.
- **Member, Reappointment Sub-Committee for Rita Fuchs-Lockensgard, Ph.D.** 2007, Department of Psychology, University of North Carolina.
- **Director of Research Services.** 2006-present, Department of Psychology, University of North Carolina.

- **Panelist, Promotion Workshop.** 2009, Department of Psychology, University of North Carolina.
- **Chair, Search Committee for Grants Administrations Officer.** 2009, Department of Psychology, University of North Carolina .
- **Member, Search Committee for Biopsychology Program Assistant.** 2006-2007, Department of Psychology, University of North Carolina.
- **Member, Promotion Sub-Committee for Deborah J. Jones, Ph.D.** 2007, Department of Psychology, University of North Carolina.
- **Member, Reappointment Sub-Committee for Deborah J. Jones, Ph.D.** 2006, Department of Psychology, University of North Carolina.
- **Chair, Colloquium Committee.** 2007-2008, Department of Psychology, University of North Carolina.
- **Member, Colloquium Committee.** 2005-present, Department of Psychology, University of North Carolina.
- **Member, Psychobiology Faculty Search Committee.** 2004-2005, Department of Psychology, University of North Carolina.
- **Member, Training Program Committee.** 2005, Neurobiology Curriculum, University of North Carolina.
- **Member, Exam Committee.** 2005-Present, Neurobiology Curriculum, University of North Carolina.
- **Member, Admissions Committee.** 2005-2007, Neurobiology Curriculum, University of North Carolina.
- **Member, Executive Committee.** 2005-2007, Neurobiology Curriculum, University of North Carolina.
- **Interim Member, Administrative Boards of the College of Arts & Sciences and General College.** 2005, University of North Carolina.
- **Member, Building Improvement Committee.** 2004, Department of Psychology, University of North Carolina.
- **Chair, Animal Care and Use Committee.** 2002-present, Department of Psychology, University of North Carolina.
- **Member, Animal Care and Use Committee.** 2001-2002, Department of Psychology, University of North Carolina.
- **Member, Baughman Awards Selection Committee.** 2002, 2003, Department of Psychology, University of North Carolina.

- **Member, IACUC Subcommittee on protocol violations and sanctions.** 2002-2003. University of North Carolina.
- **Coordinator, Biopsychology Graduate Student Search Committee.** 2003, 2004, 2005. Department of Psychology, University of North Carolina.

#### **MANUSCRIPT REVIEWS AND EDITING:**

*Alcohol*  
*Alcoholism: Clinical and Experimental Research*  
*Appetite*  
*American Journal of Physiology*  
*Behavioral Neuroscience*  
*Behavioural Brain Research*  
*Brain*  
*Brain Research*  
*Biochemical Pharmacology*  
*Biochimica et Biophysica Acta*  
*Cerebral Cortex*  
*European Journal of Neuroscience*  
*European Neuropsychopharmacology*  
*Journal of Biology*  
*Journal of Neurochemistry*  
*Journal of Neuroscience*  
*Journal of Neuroscience Research*  
*Journal of Pharmacology and Experimental Therapeutics*  
*Journal of Studies on Alcohol*  
*Molecular Pharmacology*  
*Nature*  
*Neuropeptides*  
*Neuropsychopharmacology*  
*Neuroreport*  
*Neuroscience*  
*Neuroscience Letters*  
*Neuroscience & Biobehavioral Reviews*  
*Obesity Research*  
*Peptides*  
*Pharmacogenomics*  
*Pharmacology, Biochemistry, & Behavior*  
*Physiology & Behavior*  
*Proceedings of the National Academy of Sciences, U.S.A.*  
*Psychonomic Bulletin & Review*  
*Psychopharmacology*  
*Regulatory Peptides*

**Guest Editor, Special Issue of *Peptides* (Volume 28, Issue 2, 2007) on the Proceedings from the 2006 Neuropeptide Y Conference.**

## GRANT REVIEW STUDY SECTIONS:

- *National Institute of Health. Member, Neurotoxicology and Alcohol (NAL) Study Section* (July 1, 2008 to present).
- *North Carolina TraC\$10K Pilot Award Program.* University of North Carolina, Chapel Hill, NC (March, 2009).
- *National Institute of Health.* Ad hoc reviewer for the Neurotoxicology and Alcohol Study Section (2008/05 NAL) (February, 2008).
- *National Institute of Health.* Ad hoc reviewer for the Neurotoxicology and Alcohol Study Section (2008/01 NAL) (October, 2007).
- *National Institute on Alcohol Abuse and Alcoholism.* Ad hoc reviewer for a Special Emphasis Review Panel (ZAA1 CC(16)) (August, 2007).
- *Centers for Health Research,* Research Triangle Park, NC. Ad hoc fellowship reviewer (April, 2007).
- *Neuroendocrinology, Neuroimmunology, and Behavior Study Section of NIH.* Ad hoc reviewer (October, 2006).
- *Jeffress Trust grant review for Bank of America,* Richmond, VA (August, 2006).
- *National Institute on Alcohol Abuse and Alcoholism.* Ad hoc reviewer for a Special Emphasis Review Panel (ZAA1 DD(62)) (March, 2006).
- *National Institute on Alcohol Abuse and Alcoholism.* Ad hoc reviewer for a Special Emphasis Review Panel (ZAA1 DD(42)) (July, 2005).
- *National Institute on Alcohol Abuse and Alcoholism.* Ad hoc reviewer for a Special Emphasis Review Panel (ZAA1 DD(30)) (March, 2005).
- *National Institute on Alcohol Abuse and Alcoholism.* Ad hoc reviewer for a Special Emphasis Review Panel (ZAA1 HH (04)) (December, 2004).
- *National Institute on Alcohol Abuse and Alcoholism.* Ad hoc reviewer for the Biomedical Research Review Subcommittee (AA-1) (June, 2004).
- *Biotechnology and Biological Sciences Research Council,* Swindon, UK (2000).

## **CONFERENCES & SYMPOSIUMS ORGANIZED AND/OR CHAIRED**

Co-Organizing the 8<sup>th</sup> NPY Meeting, St. Petersburg, Florida, 2006.

Co-Organized a symposium for the 2003 annual meeting of the Research Society on Alcoholism, Fort Lauderdale, Florida. Symposium titled *The Role of Ingestive Neuropeptides in the Regulation of Alcohol Self-Administration*.

Co-Organized and chaired a symposium for the 2002 annual meeting of the Research Society on Alcoholism, San Francisco, California. Symposium titled *Neuropeptide Y and Alcoholism: Genetic, Molecular, and Pharmacological Evidence*.

Chaired a session for the 2002 annual meeting of the Society for Neuroscience, Orlando, Florida. Session titled *Drugs of Abuse: Alcohol, Barbiturates, and Benzodiazepines II*.

Organized and chaired a symposium for the 2001 6<sup>th</sup> International NPY Conference, Sydney, Australia. Session titled *NPY and Drug Addiction*.

## **PROFESSIONAL ORGANIZATIONS**

- International Society for Biomedical Research on Alcoholism
- Research Society on Alcoholism
- Society for Neuroscience
- American Psychological Society