

Vita of Stephen W. Kiefer
November 2010

Personal Data:

Date of Birth: 24 April 1951
Place of Birth: Hazel Green, Wisconsin
Married to Nancy Frankel Kiefer; two sons: Zachary, Brian

Mailing Address:

University Honors Program
Room 7 Leasure Hall
Kansas State University
Manhattan, Kansas 66506-3506

Phone:

Office 785-532-2462
Home 785-776-3776
FAX 785-532-2955
Email: swkiefer@k-state.edu

Academic Positions:

Director, University Honors Program, 2006 to present
Professor, Department of Psychology, Kansas State University, 1992 to present
Department Head, 1996 to 2005
Associate Professor, Department of Psychology, Kansas State University, 1986 to 1992
(tenure granted 1986)
Assistant Professor, Department of Psychology, Kansas State University, 1982 to 1986

Educational Experience and Degrees:

Postdoc.	University of California Los Angeles	1978-1982
Ph.D.	Arizona State University	1978
M.A.	Arizona State University	1975
A.B.	Washington University, St. Louis	1973

Academic Honors and Awards:

Outstanding Faculty Member, presented by Mortar Board Senior Honorary, 2009
Presidential Award for Teaching Excellence, 1996
Senior Faculty Award for Research Excellence, Institute for Social and Behavioral Research, 1996
Kansas State University Award for Outstanding Teaching Undergraduate Education, 1991
William L. Stamey Teaching Award (College of Arts and Sciences, KSU) 1989, 1990
Kansas State University Presidential Lecturer, 1986 to present
Arizona State University Graduate Fellowship, 1976-1977
Arizona State University Alumni Award for Graduate Work, 1974-1975
Phi Beta Kappa
Graduated *magna cum laude*
Dean's List, four years, Washington University, St. Louis MO

Professional Organizations:

Association for Chemoreception Sciences
Society for the Study of Ingestive Behavior
Society for Neuroscience
Psychonomic Society
Research Society on Alcoholism

Professional Service:

Member, Executive Board, Council of Graduate Departments of Psychology, 1998 to 2002
Treasurer, 1999 to 2002

Elected Treasurer, Research Society on Alcoholism, 2003-2006

Member, Editorial Board, *Alcohol*, 1996 to present

Consulting Editor, *Behavioral Neuroscience*, 1992 to 2000

Occasional Reviewer for following journals: *Alcohol; Addiction Biology; Alcoholism: Clinical and Experimental Research; Behavioral Neuroscience; Behavioural Brain Research; Brain Research; European Journal of Neuroscience; Journal of Comparative Psychology; Journal of Neuroscience; Learning & Motivation; Neuropharmacology; Nutrition and Behavior; Physiology and Behavior; Psychobiology; Radiation Research; Science; Pharmacology, Biochemistry, and Behavior; Chemical Senses; Neuroscience and Biobehavioral Reviews.*

Occasional Reviewer for following granting agencies: National Science Foundation; National Sciences and Engineering Council of Canada; The Israel Science Foundation

Invited Talks and Presentations:

Binghamton University (SUNY); Colorado College; Colorado State University; Dartmouth College; Emporia State University; Indiana University-Purdue University Indianapolis; Kansas Wesleyan University; Mississippi State University; Monell Chemical Senses Center (University of Pennsylvania); North Dakota State University; University of Arkansas, Fayetteville; University of California Los Angeles; University of Colorado Health Science Center; University of Iowa Medical School; University of Kansas; University of Missouri; University of Texas, Austin; Universidad de Almeria (Spain); Wichita State University.

Research Experience:

Assistant Research Psychologist, Department of Psychology
University of California Los Angeles, 1981-1982.

Postgraduate Research Psychologist, Mental Retardation Research Center
University of California Los Angeles, 1980-1981. Supervisors: Professor Chester Hull,
Professor Michael Levine.

Postdoctoral Research Psychologist, Department of Psychology, University of California Los Angeles,
1978-1980. Supervisor: Professor John Garcia.

Graduate Research Assistant, Department of Psychology, Arizona State University,
1974-1976. Supervisor: Professor J. Jay Braun.

Undergraduate Research Assistant, Department of Psychology, Washington University,
1972-1973. Supervisor: Professor James Simmons.

Research Interests:

Taste processes. Behavioral genetics and taste response to alcohol. Taste and odor interactions in feeding behavior. Role of the gustatory cortex in regulatory and associative processes. Neural mechanisms underlying responses to alcohol. Neocortical function in learning and memory.

Research Support, Extramural:

N.I.A.A.A. Grant # AA05898, "Taste Cortex Mediation of Alcohol Responses"

1983-1985 \$55,539
1985-1989 \$103,824

N.I.A.A.A. Grant # AA07185, "Taste Reactivity to Alcohol"

1987-1991 \$88,709

N.I.A.A.A. Grant #AA09335, "Taste Reactivity to Alcohol in Mice"

1994-1996 \$89,012

N.I.A.A.A. Grant #AA11867, "Naltrexone and Alcohol Reactivity"

1999-2001 \$123,809

PEW Charitable Trust "Peer Review of Teaching" Campus Co-Leader

1999-2004 \$215,695 (Kansas State University's portion of a partnership grant originating from University of Nebraska - Lincoln, Dr. Daniel Bernstein, P.I. I served as one of two campus co-leaders on the KSU campus)

N.I.E.H.S. Grant #ES10992, "Lead: Attention, Impulsivity, and Dopamine"

2002-2004 \$130,060 (This was the last year of a 4 year grant that was originally awarded to Dr. Becky Brockel; when she left the university, I became the P.I. to finish the project. Time indicated includes a one-year, no-cost extension)

Grant Proposal, "Opioids and Ethanol Response" [Under Revision]

2010-2013 \$475,000 proposed budget

Grant Proposal, "Concurrent Reinforcement by Nicotine and Ethanol" [Under Revision]

2010-2014 \$1,250,000 proposed budget, Co-Investigator (Dr. Matthew Palmatier, P.I.)

Research Support, Intramural:

1983	\$3,950	Bureau of General Research "Electrophysiological recording and analysis of single nerve cell response to stimulation of the gastrointestinal tract"
1991	\$610	Bureau of General Research "Tryptophan deficient diet and alcohol intake in the rat" (with W. Adams, Dept. Anthropology)

Publications:

- Simmons, J. A., Lavender, W. A., Lavender, B. A., Doroshov, C. A., Kiefer, S. W., Livingston, R., Scallet, A. C., & Crowley, D. E. (1973). Target structure and echo spectral discriminations by echolocating bats. *Science*, *186*, 1130-1132.
- Kiefer, S. W., & Braun, J. J. (1977). Absence of differential associative responses to novel and familiar taste stimuli in rats lacking gustatory neocortex. *Journal of Comparative and Physiological Psychology*, *91*, 498-507.
- Kiefer, S. W., Phillips, J. A., & Braun, J. J. (1977). Preexposure to conditioned and unconditioned stimuli in taste-aversion learning. *Bulletin of the Psychonomic Society*, *10*, 226-228.
- Kiefer, S. W. (1978). Two-bottle discrimination of equimolar NaCl and LiCl solutions in rats. *Physiological Psychology*, *6*, 191-198.
- Kiefer, S. W., & Braun, J. J. (1979). Acquisition of taste avoidance habits in rats lacking gustatory neocortex. *Physiological Psychology*, *7*, 245-250.

- Kiefer, S. W., Cabral, R. J., Rusiniak, K. W., & Garcia, J. (1980). Ethanol-induced flavor aversions in rats with sub-diaphragmatic vagotomies. *Behavioral and Neural Biology*, 29, 246-254.
- Kiefer, S. W., & Grijalva, C. V. (1980). Taste reactivity in rats following lesions of the zona incerta or amygdala. *Physiology and Behavior*, 25, 549-554.
- Kiefer, S. W., Rusiniak, K. W., Garcia, J., & Coil, J. D. (1981). Vagotomy facilitates extinction of conditioned taste aversions in rats. *Journal of Comparative and Physiological Psychology*, 95, 114-122.
- Braun, J. J., Kiefer, S. W., & Ouellet, J. V. (1981). Psychic ageusia in rats lacking gustatory neocortex. *Experimental Neurology*, 72, 711-716.
- Braun, J. J., Lasiter, P. S., & Kiefer, S. W. (1982). The gustatory neocortex of the rat. *Physiological Psychology*, 10, 13-45.
- Kiefer, S. W., Rusiniak, K. W., & Garcia, J. (1982). Flavor-illness aversions: Gustatory neocortex ablations disrupt taste but not taste-potentiated odor cues. *Journal of Comparative and Physiological Psychology*, 96, 540-548.
- Tordoff, M. G., Grijalva, C. V., Geiselman, P. J., Kiefer, S. W., & Novin, D. (1982). Amygdaloid lesions impair ingestive responses to 2-deoxy-D-glucose but not insulin. *American Journal of Physiology: Regulatory, Integrative and Comparative Psychology*, 242, R129-R135.
- Garcia, J., Rusiniak, K. W., Kiefer, S. W., & Bermudez-Rattoni, F. (1982). The neural integration of feeding and drinking habits. In: *Conditioning: Representation and Involved Neural Functions*, C. D. Woody (Ed.), Plenum: New York.
- Kiefer, S. W., Leach, L. R., & Braun, J. J. (1984). Taste agnosia following gustatory neocortex ablation: Dissociation from odor and generality across taste qualities. *Behavioral Neuroscience*, 98, 590-608.
- Kiefer, S. W., Cabral, R. J., & Garcia, J. (1984). Neonatal ablations of the gustatory neocortex in the rat: Taste aversion learning and taste reactivity. *Behavioral Neuroscience*, 98, 804-812.
- Coburn, K. L., Garcia, J., Kiefer, S. W., & Rusiniak, K. W. (1984). Taste potentiation of poisoned odor by temporal contiguity. *Behavioral Neuroscience*, 98, 813-819.
- Grijalva, C. V., Kiefer, S. W., Gunion, M. W., Cooper, P. H., & Novin, D. (1985). Ingestive responses to homeostatic challenges in rats with ablations of the anterolateral neocortex. *Behavioral Neuroscience*, 99, 162-174.
- Kiefer, S. W. (1985). Neural mediation of conditioned food aversions. *Annals New York Academy of Sciences*, 443, 100-109.

- Kiefer, S. W., Metzler, C. W., & Lawrence, G. J. (1985). Neocortical involvement in the acquisition and retention of learned alcohol aversions. *Alcohol*, 2, 597-601.
- Kiefer, S. W., Lawrence, G. J., & Metzler, C. W. (1986). Learned alcohol aversions in rats: Gustatory and olfactory components. *Alcohol*, 3, 27-31.
- DiLorenzo, P. M., Kiefer, S. W., Rice, A. G., & Garcia, J. (1986). Neural and behavioral responsiveness to ethyl alcohol as a tastant. *Alcohol*, 3, 55-61.
- Bermudez-Rattoni, F., Grijalva, C. V., Kiefer, S. W., & Garcia, J. (1986). Flavor-illness aversions: The role of the amygdala in the acquisition of taste-potentiated odor aversions. *Physiology and Behavior*, 38, 503-508.
- Wilms, G., Kiefer, S. W., Shanteau, J., & McIntyre, P. (1987). Knowledge and image of body organs: Impact on willingness to donate. In M. Wallendorf & P. F. Anderson (Eds.), *Advances in consumer research*, Vol. XIV, Toronto: Association for Consumer Research:
- Kiefer, S. W., Lawrence, G. J., & Metzler, C. W. (1987). Alcohol preference in rats lacking gustatory neocortex. *Alcohol*, 4, 37-43.
- Lawrence, G. J., & Kiefer, S. W. (1987). Cessation of male rat copulatory behavior using illness as punishment: Facilitation by a novel odor. *Behavioral Neuroscience*, 101, 289-291.
- Lawrence, G. J., & Kiefer, S. W. (1987). Generalization of specific taste aversions to alcohol in the rat. *Chemical Senses*, 12, 591-599.
- Kiefer, S. W., Morrow, N. S., & Metzler, C. W. (1988). Alcohol aversion generalization in rats: Specific disruption of taste and odor cues with gustatory neocortex or olfactory bulb ablations. *Behavioral Neuroscience*, 102, 733-739.
- Kiefer, S. W., & Lawrence, G. J. (1988). The sweet-bitter taste of alcohol: Aversion generalization to various sweet-quinine mixtures in the rat. *Chemical Senses*, 13, 633-641.
- Kiefer, S. W., & Dopp, J. M. (1989). Taste reactivity to alcohol in the rat. *Behavioral Neuroscience*, 103, 1318-1326.
- Kiefer, S. W., Bice, P. J., Orr, M. R., & Dopp, J. M. (1990). Similarity of taste reactivity responses to alcohol and sucrose mixtures in rats. *Alcohol*, 7, 115-120.
- Bice, P. J., & Kiefer, S. W. (1990). Taste reactivity in alcohol preferring and nonpreferring rats. *Alcoholism: Clinical and Experimental Research*, 14, 721-727.
- Kiefer, S. W., & Morrow, N. S. (1991). Odor cue mediation of alcohol aversion learning in rats lacking gustatory neocortex. *Behavioral Neuroscience*, 105, 25-32.

- Kiefer, S. W., & Orr, M. R. (1992). Taste avoidance, but not aversion, learning in rats lacking gustatory cortex. *Behavioral Neuroscience*, *106*, 140-146.
- Bice, P. J., Kiefer, S. W., & Elder, N. B. (1992). Evaluating the palatability of alcohol for rats with measures of taste reactivity, consumption, and lick rate. *Alcohol*, *9*, 381-387.
- Morrow, N. S., Kiefer, S. W., & Metzler, C. W. (1993). Gustatory and olfactory contributions to alcohol consumption in rats. *Alcohol*, *10*, 263-267.
- Kiefer, S. W., & Mahadevan, R. S. (1993). The taste of alcohol for rats as revealed by aversion generalization tests. *Chemical Senses*, *18*, 509-522.
- Kiefer, S. W., Bice, P. J., & Badia-Elder, N. (1994). Alterations in taste reactivity to alcohol in rats given continuous alcohol access followed by abstinence. *Alcoholism: Clinical and Experimental Research*, *18*, 555-559.
- Adams, W. A., Kiefer, S. W., & Badia-Elder, N. (1995). Tryptophan deficiency and alcohol consumption in rats as a model for disadvantaged human populations. *Medical Anthropology*, *16*, 175-191.
- Kiefer, S. W. (1995). Alcohol, palatability, and taste reactivity. *Neuroscience and Biobehavioral Reviews*, *19*, 133-141.
- Kiefer, S. W., Badia-Elder, N., & Bice, P. J. (1995). Taste reactivity in high alcohol drinking and low alcohol drinking rats. *Alcoholism: Clinical and Experimental Research*, *19*, 279-284.
- Badia-Elder, N., Kiefer, S.W., & Dess, N. K. (1996). Taste reactivity in rats selectively bred for high versus low saccharin consumption. *Physiology & Behavior*, *59*, 749-755.
- 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 and Review*, *3*, 199-203.
- Thiele, T. E., Kiefer, S. W., & Badia-Elder, N. E. (1996) Delayed generalization testing produces enhanced alcohol aversions in rats. *Alcohol*, *13*, 201-207.
- Thiele, T. E., Badia-Elder, N. E., Kiefer, S. W., & Dess, N. K. (1997). Continuous intraoral saccharin infusions in high versus low saccharin-consuming rats. *Physiology & Behavior*, *61*, 149-152.
- Kiefer, S. W., & Badia-Elder, N. E. (1997). Taste reactivity in high alcohol sensitive and low alcohol sensitive rats. *Alcohol*, *14*, 225-229.
- Hill, K. G., & Kiefer, S. W. (1997). Naltrexone treatment increases the aversiveness of alcohol solutions for outbred rats. *Alcoholism: Clinical and Experimental Research*, *21*, 637-641.

- 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.
- Kiefer, S. W., Hill, K. G., & Kaczmarek, H. J. (1998). Taste reactivity to alcohol and basic tastes in outbred mice. *Alcoholism: Clinical and Experimental Research, 22*, 1146-1151.
- Badia-Elder, N.B., & Kiefer, S. W. (1999). Taste reactivity in alcohol-preferring AA and alcohol-avoiding ANA rats. *Alcohol, 18*, 159-163.
- Kaczmarek, H. J., & Kiefer, S. W. (2000). Microinjections of dopaminergic agents in the nucleus accumbens affect ethanol consumption but not palatability. *Pharmacology, Biochemistry, & Behavior, 66*, 307-312.
- Coonfield, D.L., Hill, K.G., Kaczmarek, H.J., Ferraro, F.M. III, & Kiefer, S.W. (2002). Low doses of naltrexone reduce palatability and consumption of ethanol in outbred male rats. *Alcohol, 26*, 43-47.
- Ferraro III, F.M., Hill, K.G., Kaczmarek, H.J., Coonfield, D.L., & Kiefer, S.W. (2002). Naltrexone modifies the palatability of basic tastes and alcohol in outbred male rats. *Alcohol, 27*, 107-114.
- Bachmanov, A.A., Kiefer, S.W., Molina, J.C., Tordoff, M.G., Duffy, V.B., Bartoshuk, L.M., & Menella, J.A. (2003). Chemosensory factors influencing alcohol perception, preferences, and consumption. *Alcoholism: Clinical and Experimental Research, 27*, 220-231.
- Ferraro III, F.M., & Kiefer, S. W. (2004). Behavioral analysis of male rat sexual motivation and performance following acute ethanol treatment. *Pharmacology, Biochemistry, and Behavior, 78*, 427-433.
- Coonfield, D.L., Kiefer, S.W., Ferraro III, F.M., & Sinclair, J.D. (2004). Ethanol palatability and consumption by high ethanol-drinking rats: Manipulation of the opioid system with naltrexone. *Behavioral Neuroscience, 118*, 1089-1096.
- Kiefer, S.W., Hill, K.G., Coonfield, D.L., & Ferraro III, F.M. (2005). Ethanol familiarity and naltrexone treatment affect ethanol responses in rats. *Alcohol, 37*, 167-172.
- Higley, A.E., & Kiefer, S.W. (2007). Delta receptor antagonism, ethanol taste reactivity, and ethanol consumption in outbred male rats. *Alcohol, 40*, 143-150.
- Deehan, G.A. Jr., Cain, M.E., & Kiefer, S.W. (2008). Differential rearing conditions alter operant responding for ethanol in outbred rats. *Alcoholism: Clinical and Experimental Research, 31*, 1692-1698.
- Hill, K.G., Sable, H.J.K., Ferraro, F.M. III, & Kiefer, S.W. (2010). Chronic naltrexone treatment and ethanol responsivity in outbred rats. *Alcoholism: Clinical and Experimental Research, 34*, 272-279.

Higley, A.E., Spiller, K., Grundt, P., Newman, A.H., Kiefer, S.W., Xi, Z.-X., & Gardner, E.L. (in press). PG01037, a novel dopamine D3 receptor antagonist, inhibits the effects of methamphetamine in rats. *Journal of Psychopharmacology*.

Presentations, Abstracts, Proceedings, and Reviews:

- Kiefer, S. W., & Braun, J. J. (1975, April). Taste-aversion learning in normal and gustatory decorticated rats: A test of learned safety. Western Psychological Association, Sacramento, CA.
- Braun, J. J., & Kiefer, S. W. (1975). Preference-aversion functions for the basic taste stimuli in rats lacking gustatory neocortex [Abstract]. *Bulletin of the Psychonomic Society*, 6, 438-439.
- Kiefer, S. W., Roye, J. M., & Braun, J. J. (1976, May). Effect of gustatory neocortex lesions on learned acid and quinine aversions. Rocky Mountain Psychological Association, Phoenix.
- Kiefer, S. W. (1977, October). The gustatory neocortex and the memory for taste stimuli. The Arizona Neurosciences, Tempe, AZ.
- Leach, L. R., & Kiefer, S. W. (1977). Orbitofrontal neocortex of rats and odor discrimination [Abstract]. *Society for Neuroscience*, 3.
- Rusiniak, K. W., Kiefer, S. W., Cabral, R. J., Garcia, J., & Coil, J. D. (1979). Differential effects of vagotomy upon aversions induced by alcohol and copper sulfate [Abstract]. Medical-Scientific Conference of the National Alcoholism Forum.
- Cabral, R. J., & Kiefer, S. W. (1979, April). The role of the vagus nerve in the retention of a conditioned taste aversion. Western Psychological Association, San Diego.
- Kiefer, S. W., & Rusiniak, K. W. (1979). Involvement of gustatory neocortex in the rat's neophobic and associative responses to taste and odor stimuli [Abstract]. *Society for Neuroscience*, 5.
- Cabral, R. J., & Kiefer, S. W. (1979). Effect of early gustatory neocortical lesions on taste aversion learning in rats [Abstract]. *Society for Neuroscience*, 5.
- Grijalva, C. V., Kiefer, S. W., Garcia, J., & Novin, D. (1980, May). Taste reactivity in rats following lesions of the basolateral amygdala. Western Psychological Association, Honolulu.
- Geiselman, P. J., Tordoff, M. G., Grijalva, C. V., Kiefer, S. W., & Novin, D. (1980). Feeding response to 2-deoxy-D-glucose and insulin after destruction of the amygdaloid complex in the rat [Abstract]. *Society for Neuroscience*, 6.

- Kiefer, S. W., Levine, M. S., Hull, C. D., & Buchwald, N. A. (1981). Development of spontaneous and evoked unit activity in the ventral anterior/lateral thalamic nuclei (VA-VL) in cats [Abstract]. *Society for Neuroscience*, 7.
- DiLorenzo, P. D., Kiefer, S. W., Rice, A. G., & Garcia, J. (1982). Taste coding of ethyl alcohol: Electro-physiological and behavioral data [Abstract]. *Association for Chemoreception Sciences*, 4.
- Garcia, J., Kiefer, S. W., & Rice, A. G. (1982). Conditioned emetic reactions following cancer treatments [Abstract]. *13th International Cancer Congress*, 13.
- Kiefer, S. W., Grijalva, C. V., Gunion, M. W., Cooper, P. H., & Novin, D. (1982). Ingestive responses to homeostatic challenges in rats with ablations of anterolateral neocortex [Abstract]. *Society for Neuroscience*, 8.
- Bermudez-Rattoni, F., Kiefer, S. W., Grijalva, C. V., & Garcia, J. (1982). Basal and central amygdala involvement in the acquisition of taste and odor aversions [Abstract]. *Society for Neuroscience*, 8.
- Kiefer, S. W., & Lawrence, G. J. (1983). Retention of learned alcohol aversions following gustatory neocortex lesions [Abstract]. *Society for Neuroscience*, 9, 1243.
- Kiefer, S. W., Lawrence, G. J., & Metzler, C. M. (1984). Alcohol preference in rats lacking gustatory neocortex [Abstract]. *Alcoholism: Clinical and Experimental Research*, 8, 100.
- Kiefer, S. W. (1984, April). Neural mediation of conditioned food aversions. New York Academy of Sciences Conference on *Experimental Assessments and Clinical Applications of Conditioned Food Aversions*, New York.
- Lawrence, G. J., & Kiefer, S. W. (1984). Odor facilitation of learned aversions to copulatory behavior in male rats [Abstract]. *Society for Neuroscience*, 10, 860.
- Kiefer, S. W. (1985). Review of Handbook of Neurobiology: Vol. 6. Motivation. E. Satinoff & P. Teitelbaum (Eds.). *Copeia*, 2, 256.
- Knight, P., Saal, F., & Kiefer, S. W. (1985). Women and women's issues in industrial/organizational and physiological psychology. Baltimore, MD: Johns Hopkins University, Center for Social Organization of Schools. (ERIC Document Reproduction Service No. ED 258 064)
- Kiefer, S. W., Metzler, C. W., & Lawrence, G. J. (1985). Learned alcohol aversions in rats: Neocortical mediation [Abstract]. *Alcoholism: Clinical and Experimental Research*, 9, 186.
- Lawrence, G. J., Kiefer, S. W., & Richmond, T. A. (1985). Odor facilitation of copulatory-illness associations: Mode of LiCl administration [Abstract]. *The Physiological and Comparative Psychologist*, 1.

- Lawrence, G. J., Kiefer, S. W., Steele, T. L., & Quadri, S. K. (1985). Copulation-illness associations facilitated by an odor cue: Normal blood levels of luteinizing hormone [Abstract]. *Society for Neuroscience*, *11*, 739.
- Metzler, C. W., Kiefer, S. W., & Lawrence, G. J. (1985). Retention of learned alcohol aversions following gustatory neocortex and olfactory bulb ablations [Abstract]. *Society for Neuroscience*, *11*, 295.
- Kiefer, S. W., Metzler, C. W., & Lawrence, G. J. (1986). Alcohol intake by rats lacking gustatory neocortex given continuous access [Abstract]. *Alcoholism: Clinical and Experimental Research*, *10*, 115.
- Lawrence, G. J., Kiefer, S. W., & Metzler, C. W. (1986). Failure of testosterone to reverse conditioned avoidance of copulation in male rats [Abstract]. *Society for Neuroscience*, *12*, 837.
- Morrow, N. S. & Kiefer, S. W. (1986). Cimetidine treatment and the reduction of glandular ulceration during excessive wheel running in the rat [Abstract]. *Society for Neuroscience*, *12*, 1063.
- Kiefer, S. W., Metzler, C. W., & Morrow, N. S. (1986). The complex sweet taste of alcohol: Aversion generalization data from normal rats and rats lacking gustatory neocortex [Abstract]. *Chemical Senses*, *4*, 623.
- Wilms, G., Kiefer, S. W., Shanteau, J., & McIntyre, P. (1986, September). Knowledge and image of body organs: Impact on willingness to donate. Association for Consumer Research, Toronto.
- Kiefer, S. W., Lawrence, G. J., & Schweiger, K. L. (1987, April). The bitter-sweet taste of alcohol: Aversion generalization to various sugar-quinine mixtures in the rat. Association for Chemoreception Sciences, Sarasota, FL.
- Morrow, N. S., & Kiefer, S. W. (1987). Wheel running and gastric ulceration in the rat following preadaptation to restricted feeding [Abstract]. *Society for Neuroscience*, *13*, 1549.
- Lawrence, G. J., Kiefer, S. W. & Metzler, C. W. (1987). Copulatory avoidance in male rats: Alterations in serum levels of testosterone and luteinizing hormone [Abstract]. *Society for Neuroscience*, *13*, 56.
- Kiefer, S. W., & Dopp, J. M. (1987). Taste reactivity to alcohol in rats [Abstract]. *Society for Neuroscience*, *13*, 338.
- Morrow, N. S., Kiefer, S. W., & Metzler, C. W. (1988). Role of the amygdala in the retention of preoperatively-learned alcohol and sucrose aversions [Abstract]. *Alcoholism: Clinical and Experimental Research*, *12*, 310.

- Kiefer, S. W., Dopp, J. M., & Bice, P. J. (1988). Alterations in taste reactivity to alcohol following continuous alcohol access [Abstract]. *Alcoholism: Clinical and Experimental Research*, *12*, 311.
- Lawrence, G. J., Kiefer, S. W., & Metzler, C. W. (1988, April). Absence of almond odor aversion in male rats trained with almond odor cues to avoid copulatory behavior. Midwestern Psychological Association, Chicago, IL.
- Kiefer, S. W., Morrow, N. S., & Metzler, C. W. (1988). Odor as a cue for alcohol aversion learning in rats lacking gustatory neocortex [Abstract]. *Society for Neuroscience*, *14*, 42.
- Morrow, N. S., & Kiefer, S. W. (1988). Reduction in norepinephrine with FLA-63 blocks excessive wheel running and glandular ulceration during activity-stress [Abstract]. *Society for Neuroscience*, *14*, 447.
- Kiefer, S. W. (1988, October). Is brain tissue unique as a potential candidate for transplantation? Conference on Psychological Research on Organ Donation, Manhattan, KS.
- Morrow, N. S., Kiefer, S. W., & Metzler, C. W. (1989). Gustatory and olfactory contributions to alcohol preference in the rat [Abstract]. *Alcoholism: Clinical and Experimental Research*, *13*, 303.
- Mahadevan, R. S. & Kiefer, S. W. (1989). The taste of alcohol as revealed by aversion generalization tests [Abstract]. *Alcoholism: Clinical and Experimental Research*, *13*, 303.
- Orr, M. R., Kiefer, S. W., Bice, P. J., & Brown, P. J. (1989). Taste reactivity to high concentrations of alcohol in the rat [Abstract]. *Alcoholism: Clinical and Experimental Research*, *13*, 304.
- Bice, P. J., Kiefer, S. W., Orr, M. R., & Dopp, J. M. (1989). Similarity of responses to alcohol and sucrose mixtures in rats as indicated by taste reactivity tests [Abstract]. *Alcoholism: Clinical and Experimental Research*, *13*, 304.
- Bice, P. J., & Kiefer, S. W. (1989). Taste reactivity in alcohol preferring (P) and alcohol non-preferring (NP) rats [Abstract]. *Society for Neuroscience*, *15*, 36.
- Morrow, N. S., & Kiefer, S. W. (1989). Changes in the electrogastrogram and the onset of excessive wheel running in rats during activity-stress [Abstract]. *Society for Neuroscience*, *15*, 273.
- Bice, P. J., & Kiefer, S. W. (1990). Taste reactivity fails to predict alcohol consumption during restricted fluid access tests in rats [Abstract]. *Society for Neuroscience*, *16*, 755.
- Orr, M. R., & Kiefer, S. W. (1990). Taste avoidance, but not aversion, learning in rats lacking gustatory cortex. [Abstract]. *Society for Neuroscience*, *16*, 606.

- Bailey, S. A., & Kiefer, S. W. (1991). Learned aversiveness to a taste paired with illness in rats lacking gustatory cortex [Abstract]. *Society for Neuroscience*, 17, 660.
- Elder, N. B., Bice, P. J., & Kiefer, S. W. (1991). Alcohol palatability in rats as measured by taste reactivity, lick rate, and consumption [Abstract]. *Society for Neuroscience*, 17, 1422.
- Bice, P. J., & Kiefer, S. W. (1991). Alterations in taste reactivity to alcohol in rats given continuous alcohol followed by abstinence [Abstract]. *Society for Neuroscience*, 17, 1419.
- Bailey, S. A., & Kiefer, S. W. (April, 1992). Normal quinine aversion learning in rats lacking gustatory cortex using taste reactivity measures. Paper presented at the annual meeting of the Southwestern Comparative Psychology Association.
- Horn, C. C., Bailey, S. A., Mitchell, J. C., & Kiefer, S. W. (1992). Consumption and lick analysis of saccharin-ethanol cocktails in rats lacking gustatory cortex [Abstract]. *Society for Neuroscience*, 18, 1041.
- Elder, N. B., Bice, P. J., & Kiefer, S. W. (1992). Taste reactivity and consumption as measures of alcohol palatability in High Alcohol Drinking (HAD) and Low Alcohol Drinking (LAD) rats [Abstract]. *Society for Neuroscience*, 18, 541.
- Bice, P. J., & Kiefer, S. W. (1992). Genetic selection for rat lines that show a high and low taste preference for alcohol [Abstract]. *Society for Neuroscience*, 18, 542.
- Elder, R. L., Elder, N. B., Bice, P. J., Bailey, S. A., & Kiefer, S. W. (1992). Alcohol-illness associations in the selectively bred High Alcohol Drinking (HAD) and Low Alcohol Drinking (LAD) rats [Abstract]. *Society for Neuroscience*, 18, 541.
- Bailey, S. A., Kiefer, S. W., & Rock, S. L. (1992). Increased sodium chloride palatability in rats lacking gustatory cortex [Abstract]. *Society for Neuroscience*, 18, 1042.
- Adams, W. R., Kiefer, S. W., & Elder, N. B. (December, 1992). Tryptophan deficiency and alcohol consumption in disadvantaged populations: Focus on Native Americans. Paper presented at the annual meeting of the American Anthropological Association, San Francisco.
- Thiele, T. E., Bailey, S. A., & Kiefer, S. W. (April, 1993). Taste-Taste Conditioning: Overshadowing Instead of Potentiation. Poster presented at the annual meeting of the Southwestern Psychological Association, Corpus Christi, Texas.
- Bailey, S. A., Kiefer, S. W., Davis, S. F., & Best, M. R. (June, 1993). Order of taste presentation disrupted neophilia effect. Paper presented at the annual meeting of The American Psychological Society, Chicago.
- Badia-Elder, N., & Kiefer, S. W. (1993). Fetal alcohol exposure and its effect on behavioral activity, taste reactivity, and alcohol consumption in adult rats [Abstract]. *Society for Neuroscience*, 19, 176.

- Elder, R. L., Badia-Elder, N., & Kiefer, S. W. (1993). Test-retest reliability of the taste reactivity test for alcohol [Abstract]. *Society for Neuroscience*, 19, 176.
- Rock, S. L., Badia-Elder, N., Kiefer, S. W., & Bice, P. J. (1993). Rats selectively bred for taste reactivity to alcohol show differential levels of alcohol consumption [Abstract]. *Society for Neuroscience*, 19, 177.
- Bailey, S. A., & Kiefer, S. W. (1993). Taste aversion learning in rats lacking gustatory cortex using measures of consumption and taste reactivity [Abstract]. *Society for Neuroscience*, 9, 1229.
- Kiefer, S. W. (November, 1993). Alcohol, palatability, and taste reactivity. Paper presented at the symposium "Behavioral, neural, and pharmacological aspects of palatability: Current research on taste reactivity", Washington, D.C.
- Kiefer, S. W., Badia-Elder, N., Rock, S. L., Elder, R. L., Remmers-Roeber, D., & Dess, N. K. (November, 1993). Taste reactivity in rats selectively bred for high vs low saccharin consumption. Paper presented at the annual meeting of the Psychonomic Society, Washington, D.C.
- Kiefer, S. W., Thiele, T. E., & Badia-Elder, N. E. (November, 1994). Delayed Generalization Testing Produces Stronger Alcohol Aversions in Rats. Poster presented at the annual meeting of the Psychonomic Society, St. Louis, Missouri.
- Badia-Elder, N. E., & Kiefer, S. W. (1994). Alcohol taste reactivity and consumption in rats selectively bred for alcohol sensitivity [Abstract]. *Alcoholism: Clinical and Experimental Research*, 18, 486.
- Badia-Elder, N. E., Kiefer, S. W., & Dess, N. K. (1994). Alcohol preference in rats selectively bred for saccharin consumption [Abstract]. *Society for Neuroscience*, 20, 1607.
- Elder, R. L., Badia-Elder, N., Kiefer, S. W., & Martinson, F. A. (1994). Alcohol aversion learning in rats selectively bred for alcohol sensitivity [Abstract]. *Society for Neuroscience*, 20, 1607.
- Hill, K. G., Badia-Elder, N. E., & Kiefer, S. W. (1994). Naltrexone and taste reactivity to alcohol in rats [Abstract]. *Society for Neuroscience*, 20, 1607.
- Rock, S. L., & Kiefer, S. W. (1995). Effects of fluoxetine, a serotonin (5-HT) uptake inhibitor, on taste reactivity to and consumption of ethanol [Abstract]. *Alcoholism: Clinical and Experimental Research*, 19, 14A.
- Thiele, T. E., Badia-Elder, N. E., & Kiefer, S. W. (1995). Delayed generalization testing produces enhanced alcohol aversions in rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 19, 15A.

- Hill, K. G., & Kiefer, S. W. (1995). Taste reactivity to alcohol in NIH inbred rat strains [Abstract]. *Alcoholism: Clinical and Experimental Research*, 19, 46A.
- Hill, K. G., Remmers-Roeber, D. R., Kiefer, S.W., & Frieman, J. (1995). Operant responding for alcohol changes its palatability in rats [Abstract]. *Society for Neuroscience*, 21, 1238.
- Kiefer, S. W., & Hill, K. G. (1995). Taste reactivity to alcohol and basic tastes in outbred mice [Abstract]. *Society for Neuroscience*, 21, 1238.
- Elder, R. L., Badia-Elder, N., & Kiefer, S. W. (1995). Alcohol-illness associations in the selectively bred AA and ANA rats [Abstract]. *Society for Neuroscience*, 21, 1701.
- Badia-Elder, N. E., Kiefer, S. W., Overstreet, D. H., & Rezvani, A. H. (1995). Taste reactivity to alcohol in rats selectively bred for sensitivity to a serotonin-1A agonist [Abstract]. *Society for Neuroscience*, 21, 1701.
- Elder, R. L., Letterman, M., Badia-Elder, N. E., & Kiefer, S. W. (1996). Naltrexone failed to produce a conditioned taste aversion to alcohol [Abstract]. *Alcoholism: Clinical and Experimental Research*, 20, 58A.
- Kiefer, S. W., & Harris, R. J. (June, 1996). First-year seminar to introduce majors to psychology. Paper presented at the annual meeting of the APS Teaching Institute, San Francisco, CA.
- Hill, K. G., & Kiefer, S. W. (1996). Acute naltrexone treatment reduces alcohol consumption and palatability in rats [Abstract]. *Society for Neuroscience*, 22, 1156.
- Kaczmarek, H. J., Hill, K. G., & Kiefer, S. W. (1996). Taste reactivity concentration-response functions for alcohol and sucrose in outbred mice [Abstract]. *Society for Neuroscience*, 22, 701.
- Kiefer, S. W., Hill, K. G., & Remmers-Roeber, D. R. (1997). Conditioned taste aversions alter palatability of alcohol in outbred mice [Abstract]. *Alcoholism: Clinical and Experimental Research*, 21, 41A.
- Kiefer, S. W., Badia-Elder, N. E., & Liebnow, R. (1997). Taste reactivity to alcohol in alcohol-preferring AA (Alko Alcohol) and alcohol-avoiding ANA (Alko Nonalcohol) rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 21, 107A.
- Sable, J. J., Kiefer, S. W., Arnett, J. T., Badia-Elder, N. E., & Bice, P. J. (1997). Development and maintenance of alcohol-illness associations in alcohol preferring (P) and nonpreferring (NP) rats [Abstract]. *Society for Neuroscience*, 23, 2390.
- Kaczmarek, H. J., Hill, K. G., & Kiefer, S. W. (1997). Continuous access to ethanol and palatability shifts in C57BL mice as measured by taste reactivity [Abstract]. *Society for Neuroscience*, 23, 2390.

- Gibbons, J. A., Vogl, R. J., Kiefer, S. W., Thompson, C. P., & Guerra, O. A. (April, 1998). Using a retrospective procedure to examine predictors of flashbulb memory: Does the picture change over time? Paper presented at the 70th Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
- Sable, J. J., Kiefer, S. W., Arnett, J. T., Badia-Elder, N.E., & Bice, P. J. (1998). Taste reactivity in P and NP rats matched for alcohol consumption [Abstract]. *Alcoholism: Clinical and Experimental Research*, 22, 12A.
- Hill, K. G., Kaczmarek, H. J., & Kiefer, S. W. (1998). Chronic naltrexone treatment alters the palatability and consumption of alcohol in rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 22, 13A.
- Hill, K. G., Kaczmarek, H. J., & Kiefer, S. W. (1998). Selective breeding of high-alcohol consuming (HiCo) and low-alcohol consuming (LoCo) mice [Abstract]. *Society for Neuroscience*, 24, 1201.
- Kaczmarek, H. J., & Kiefer, S. W. (1998). Microinjections of dopaminergic agents in the nucleus accumbens of rats alters alcohol ingestion [Abstract]. *Society for Neuroscience*, 24, 1478.
- Hill, K. G., Kaczmarek, H. J., & Kiefer, S. W. (1999). Route of naltrexone treatment differentially affects alcohol responses in rats [Abstract]. *Society for Neuroscience*, 25, 1080
- Sable, J. J. & Kiefer, S. W. (1999). Effects of nicotine treatment and withdrawal on alcohol palatability in rats [Abstract]. *Society for Neuroscience*, 25, 1080.
- Coonfield, D. L., Hill, K. G., Kaczmarek, H. J., Ferraro, F. M. III, Schneider, P., Chandler, L., & Kiefer, S. W. (2000). Low doses of naltrexone alter alcohol palatability and consumption in rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 24, 14A.
- Ferraro, F. M. III, Hill, K. G., Kaczmarek, H. J., Coonfield, D. L., Hardin, K., Taylor, K. A., & Kiefer, S. W. (2000). Naltrexone alters taste reactivity to alcohol and other tastes in rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 24, 14A.
- Ferraro, F. M. III, Hill, K. G., Coonfield, D. L., Sampson, A., Hickel, B., & Kiefer, S. W. (2000). Continuous naltrexone administration decreases consumption of 10% alcohol in male rats [Abstract]. *Society for Neuroscience*, 26, 1039.
- Coonfield, D. L., Le, S. X., & Kiefer, S. W. (2000). Naltrexone decreases consumption of sucrose/ethanol solutions in outbred rats [Abstract]. *Society for Neuroscience*, 26, 1039.
- Kaczmarek, H. J., Hill, K. G., Rademacher, D. J., Kiefer, S. W., Steinpreis, R. E. (2000). Voluntary ethanol consumption and whole brain monoamine levels in 6th generation High-Consuming (HiCo) and Low-Consuming (LoCo) mice [Abstract]. *Society for Neuroscience*, 26, 1817.
- Coonfield, D. L., Hill, K. G., Ferraro III, F. M., Kiefer, S. W., & Sinclair, J. D. (2001). Naltrexone alters alcohol consumption but not palatability in alcohol preferring (AA) rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 25, 19A.

- Sampson, A. M., Ferraro III, F. M., Coonfield, D. L., & Kiefer, S. W. (2001). Suppression and possible rebound of alcohol consumption with acute naltrexone treatment in outbred rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 25, 19A.
- Ferraro III, F.M., Loersch, C., Hickel, B., Stewman, S. & Kiefer, S.W. (2001). Male rat sexual motivation and performance is unaltered following chronic naltrexone administration [Abstract]. *Society for Neuroscience Abstracts*, 386.4.
- Kiefer, S.W. , Hill, K.G., Coonfield, D.L., Ferraro III, F.M. & Schneider, P. (2001). Alcohol familiarity facilitates the effectiveness of naltrexone in outbred rats [Abstract]. *Society for Neuroscience Abstracts*, 960.15.
- Ferraro III, F.M., Coonfield, D.L., Morales, K., & Kiefer, S.W. (2002). Naltrexone decreases the palatability of quinine hydrochloride solutions for male rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 26, 115A.
- Kiefer, S.W. (June, 2002). Taste reactivity as a measure of alcohol palatability and its relation to alcohol consumption in rats. Paper presented at symposium, "Chemosensory factors influencing alcohol perception, preferences, and consumption." Annual meeting of the Research Society on Alcoholism, San Francisco.
- Nelson, G.M., Ferraro III, F.M., Coonfield, D.L., Robbins, M.E., & Kiefer, S.W. (2002) Behavioral and histological correlations in localized dorsal tongue irradiation: a model of radiation induced taste loss [Abstract]. *Journal of Neuropathology and Experimental Neurology*, 61, 470.
- Coonfield, D.L., Ferraro III, F.M., & Kiefer, S.W. (2002). Naltrexone alters alcohol consumption but not palatability in alcohol preferring rats [Abstract]. *Society for Neuroscience Abstracts*, 783.6.
- Coonfield, D.L., Ferraro III, F.M., Sinclair, J.D., & Kiefer, S.W. (2003). Dissociation of alcohol palatability and consumption in AA rats is dependent on naltrexone dosage [Abstract]. *Alcoholism: Clinical and Experimental Research*, 27 (Suppl.), 17A.
- Ferraro III, F.M., Lundblade, R., Schletzbaum, R., & Kiefer, S.W. (2003). Dual effects of systemic ethanol administration on male rat sexual motivation and performance [Abstract]. *Alcoholism: Clinical and Experimental Research*, 27 (Suppl.), 132A.
- Ferraro III, F.M., Fox, S.R., & Kiefer, S.W. (2004). Ethanol-induced alterations of male rat sexual motivation and performance: Attempt to modify with naltrexone [Abstract]. *Alcoholism: Clinical and Experimental Research*, 28 (Suppl.), 55A.
- Higley, A.E., McClendon, C.M., & Kiefer, S.W. (2005). Acute naltrindole treatment and ethanol consumption in male rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 29 (Suppl.), 18A.

- Deehan, G.A., Smith, L.M., Cain, M.E., Frieman, J., & Kiefer, S.W. (2005). Prenatal valproic acid exposure produces structural and behavioral alterations in the rat [Abstract]. *Society for Neuroscience Abstracts*, 564.7.
- Deehan, G.A., Higley, A.E., & Kiefer, S. W. (May, 2006). Chronic paroxetine treatment and sexual motivation and performance in male rats. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago IL.
- Deehan, G.A., Kabriel, J.S., Cain, M.E., & Kiefer, S.W. (2006). Differential rearing conditions and operant responding for ethanol in rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 30 (Suppl.), 29A.
- Higley, A.E., Kelley, C.L., McClendon, C.M., & Kiefer, S.W. (2006). Delta receptor antagonism, ethanol consumption, and ethanol taste reactivity in male rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 30 (Suppl.), 127A.
- Deehan, G.A., Manion, H. A., Thomas, E. P., Cain, M. E., & Kiefer, S. W. (2008, November). Differential rearing conditions affect alcohol consumption in outbred rats. Poster presented at the annual meeting of the Society for Neuroscience, Washington, D.C.
- Deehan, G.A. Jr., Manion, H.M., & Kiefer, S. W. (2009). Differential rearing conditions affect limited- and free-access consumption of ethanol in selectively bred rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 31 (Suppl.), 96A.
- Lantz JE, Dare LC, Joseph C, Deehan GA, Kiefer SW, Palmatier MI (2009). Nicotine treatment alters the palatability of ethanol but not sucrose in rats [Abstract]. *Society for Neuroscience Abstracts*, 648.21.
- Deehan, G.A. Jr., Sears, T.M., Palmatier, M.I., Cain, M.E., & Kiefer, S.W. (2010). Environmental enrichment decreases operant responding for ethanol in alcohol preferring rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 34 (Suppl.), 35A.
- Palmatier, M.I., Lantz, J.E., & Kiefer, S.W. (2010). Chronic nicotine exposure reduces the palatability of ethanol in outbred rats [Abstract]. *Alcoholism: Clinical and Experimental Research*, 34 (Suppl.), 83A.

Graduate Students Supervised:

Degree	Year	Student
Ph.D.	1986	Gloria J. Lawrence Dissertation Title: "The relationship between copulatory behavior and serum levels of luteinizing hormone and testosterone in male rats: Effect of conditioning with odors." Current position: Professor of Psychology, Wayne State College, Wayne NE

- Ph.D. 1989 Nancy S. Morrow
Dissertation Title: "Investigation of running and gastric ulceration in the rat during activity stress."
Current position: Research Scientist, Sepulveda Veteran's Hospital, Los Angeles CA
- Ph.D. 1992 Paula J. Bice
Dissertation Title: "Genetic selection for rat lines that show a high and low taste preference for alcohol."
Current position: Research Scientist, Department of Medicine, Indiana University School of Medicine, Indianapolis IN
- Ph.D. 1995 Nancy E. Badia-Elder
Dissertation Title: "Alcohol related traits in rats selectively bred for sensitivity to serotonin agonists."
Current position: Counselor, Indianapolis IN
- Ph.D. 1996 Scott A. Bailey
Dissertation Title: "Functional contributions of the rat gustatory cortex: Learned avoidance and aversiveness to illness-paired tastes."
Current position: Associate Professor of Psychology, Texas Lutheran University, Seguin TX
- Ph.D. 1999 Katherine G. Hill
Dissertation Title: "Effects of chronic naltrexone treatment on taste reactivity to and consumption of alcohol."
Current position: Assistant Professor, Lycoming College, Williamsport, PA
- Ph.D. 2003 Frank M. Ferraro III
Dissertation Title: "The acute effects of ethanol on male rat sexual motivation and performance."
Current Position: Assistant Professor, Nebraska Wesleyan University
- Ph.D. 2009 Amanda E. Higley
Dissertation Title: Evidence for the role of the dopamine D3 receptor in mediating methamphetamine intake
Current Position: Postdoctoral Research Scientist, Scripps Research Institute, La Jolla, CA

Ph.D.	2009	Gerald A. Deehan, Jr. Dissertation Title: Differential rearing conditions and the consumption of and responding for ethanol in alcohol preferring and non-preferring rats. Current Position: Postdoctoral Research Fellow, Indiana University School of Medicine, Indianapolis, IN
M.S.	1984	Gloria J. Lawrence
M.S.	1986	Nancy S. Morrow
M.S.	1989	Missy R. Orr
M.S.	1989	Lothar Arendes
M.S.	1989	Paula J. Bice
M.S.	1991	Rajan S. Mahadevan
M.S.	1992	Nancy E. Badia-Elder
M.S.	1994	Stephanie L. Rock
M.S.	1996	Katherine G. Hill
M.S.	1998	Helen J. Kaczmarek
M.S.	1999	Jeffrey J. Sable
M.S.	2001	Daniel L. Coonfield
M.S.	2001	Frank M. Ferraro III
M.S.	2005	Amanda E. Higley
M.S.	2006	Gerald A. Deehan, Jr.

Predoctoral Trainee Supervision: Nancy E. Badia-Elder, Predoctoral Fellowship (T32 MH 19547) from the National Institute of Mental Health to the Society for Neuroscience.

Predoctoral Trainee Supervision: Todd E. Thiele, Predoctoral Fellowship (AA05397) from the National Institute on Alcohol Abuse and Alcoholism, 1994-1995. Project was entitled "Memory mechanisms of learned alcohol aversions in rats."

Psychology Department Service:

Department Head, 1996-2005
 Committee on Teaching, 1994 to 1996
 Search Committee, Behavioral Neuroscience position, 1990-1991, 2008
 Undergraduate Curriculum Committee, 1983 to 1986, 1989 to 1991
 Peterson-Lutz Scholarship Committee, 1984 to 2000
 Steering Committee 1984 to 1987, 1988 to 1991, 1992 to 1995
 Advising Oversight Committee, 1985 to 1996
 Selection Committee, Outstanding Undergraduate Research Award, 1989 to 1996
 Coordinator, Psychology Undergraduate Research Convocation, 1984 to 2005
 Committee to establish graduate student evaluation form, Fall, 1989

Initiated Department receptions for new Psychology majors (Fall) and graduating seniors (Spring)
Graduate Admissions Committee, 1990 to 1997; 2002 to 2005
Coordinator, Honors Program, 1985 to 1996
Coordinator, Graduate Teaching Apprenticeship Program, 1990 to 2005
Behavioral Neuroscience Search Committee, Chair, 1998 to 2000; 2004; 2006; 2007

College of Arts and Sciences Service:

Chapman Scholarship Review and Selection Committee, 2008 to present
Search Committee (Chair) Interim Associate Dean, 2008
Student Learning Outcomes Assessment Committee (Chair), 2003 to 2005
Search Committee (Chair) Interim Associate Dean, 2002
Arts and Sciences Committee on Planning (CCOP), 1996 to 1999
Dean's Advisory Council, 1994 to 1996
Interviewer, Pre-Physical Therapy candidates, Spring 1992
Interviewer, Pre-Med candidates, Fall 1992, Fall 1994, Fall 1995, Fall 1996
Search Committee for Dean of the College of Arts and Sciences, 1990 to 1991
Health Professions Advisor Search Committee, Spring 1991
College Committee on Science in the Year 2000, 1990 to 1991
Arts and Sciences Honors Advisory Council, 1984 to 1990, 1994 to 2003
 Chair, Curriculum Subcommittee, 1985 to 1987
 Chair, Senior Honors Thesis Subcommittee, 1987 to 1990
Search Committee for Associate Dean for Honors, Fall, 1989
Arts and Sciences Student of the Semester Selections, Fall, 1985
Presentation to Council for Liberal Education, Spring, 1985
Review Committee, Institute for Social and Behavioral Research Outstanding Senior Faculty Award for
 Research Excellence, 1997, 1998, 1999 (Chair)

Graduate School Service:

Graduate Council Representative 1987 to 1990, 1995 to 1997, 1998 to 2000
Graduate School Committee on Planning 1999 to 2000
Biological Sciences Subcommittee 1983 to 1990, 1994 to 1997, 1998 to 1999
 Chair 1987-1989
Committee to establish re-certification procedures Fall, 1988
Graduate Student Grievance Hearings Spring, 1987 Spring, 1989 Fall, 1989 Spring, 1996
Committee to further graduate education within the University Strategic Planning program
 Fall, 1989

University Service:

Presidential Scholarship Committee (Chair), 2010 to present
Kansas State Book Network (KSBN), Co-Chair, 2009 to present
Assessment Committee, First Year Common Reading Program (Chair), 2010 to present
Provost and Vice President for Academic Affairs Search Committee member, 2009

Kassebaum Scholarship Review Committee, 2007 to 2010
 University Common Book Committee, 2009 to present
 Outstanding Undergraduate Research Award and Faculty Mentor Award Committee, 2008 to present
 Targeted Excellence Pre-Proposal (April) and Final (December) Review Committee, 2008, 2009
 Critical Thinking Assessment Committee, 2008 to present
 Committee Member, Kansas Academy of Mathematics and Science (KAMS), 2007
 Provost's Task Force reviewing Honors Program, 2004 to 2005
 Arts & Sciences representative to the University Diversity Assessment Committee, 2004 to 2005
 Institutional Animal Care and Use Committee (IACUC) 1985 to 1991; 2000 to 2005
 Search Committee, Assistant Director for Planning and Analysis, 2004
 Member of Early Adopters, university committee on assessment of student learning 2003-2004
 Advisory Committee for Administrative Review of College Dean, 2000
 University Teaching Scholar Advisory Committee, 1997 to 2000
 Frequent participant in mock interviews for Rhodes, Marshall, Udall, Truman, Goldwater scholarships
 Implementation Committee, Program to Assist Entering Underprepared (At-Risk) Students,
 1996 to 1997
 Faculty Representative, Student Health Advisory Committee, 1992 to 1993
 Selection Committee, Burlington Northern Outstanding Teaching Award Spring, 1992
 Coordinator (with D. Takemoto, Biochemistry), Neuroscience Group, 1989 to 1995
 Lecturer, Parents Weekend Fall 1984
 Faculty Advisor for Chimes (Junior Honorary), 1983 to 1986
 Faculty Advisor for Spurs (Sophomore Honorary), 1987 to 1989
 Screening Committee, Kansas State Ambassadors, 1987, 1988
 Blue Key Scholarship Selections Spring 1987
 Judge, Kansas Junior Academy of Science Spring, 1989; Spring, 1991
 Beta Chapter of Kansas, Phi Beta Kappa
 Honorary/Alumni Members Committee, Spring, 1991
 President, 1993 to 1995
 Sophomore Book Award Committee, 1996 to 2003
 Members in Course Committee, 2003 to 2006
 Secretary / Treasurer, 2006 to present