

Vita of Stephen W. Kiefer
July 2006

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:

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Kansas State University
1100 Mid-Campus Drive
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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:

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-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

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; 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:

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; 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; Wichita State University.

Psychology Department Service:

Committee on Teaching, 1994 to 1996
Search Committee, Behavioral Neuroscience position, 1990-1991
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

College of Arts and Sciences Service:

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, 1990-1991
Health Professions Advisor Search Committee, Spring 1991
College Committee on Science in the Year 2000, 1990-1991
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:

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, 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 Fall, 1987 Fall, 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

Research Experience:

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

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

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

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

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

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 (This is Kansas State University's portion of a partnership grant originating from University of Nebraska - Lincoln, Dr. Daniel Bernstein, P.I. I serve as one of two campus co-leaders here on campus)

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

2002-2004 \$130,060 (This is 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)

N.I.A.A.A. Grant, "Opioids and Ethanol Response" [Under Review]

2005-2008 \$475,000 proposed budget

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 responsivity 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.

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.
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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: Research Scientist, Department of Psychology, Indiana University-Purdue University, 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: Postdoctoral Research Assistant, University of North Carolina, Chapel Hill

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 Higley
M.S. 2006 Gerald Deehan

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."