

CURRICULUM VITAE

Carlton K. Erickson, Ph.D.

I. PRESENT POSITIONS

Pfizer Centennial Professor of Pharmacology/Toxicology, University of Texas
Associate Dean for Research and Graduate Studies, College of Pharmacy
Director, Addiction Science Research and Education Center, College of Pharmacy

II. PERSONAL DATA

A. Addresses

College of Pharmacy	
Pharmacology/Toxicology	2800 Waymaker Way #11
University of Texas	Austin, TX 78746
2409 University Ave, A1900, PHR 4.220C	(512) 314-8544 (home)
Austin, Texas 78712-1113	(512) 636-5198 (cell)
(512) 471-5198 Phone	
(512) 471-4066 Fax	
E-Mail: carl.erickson@austin.utexas.edu	

B. Personal

Place of Birth:	Manistee, Michigan
Marital Status:	Married: Eunice Erickson (registered pharmacist in Kansas & Texas)
	Children: four; Grandchildren: eleven

C. Education

B.S. Pharmacy - Ferris State College, Big Rapids, Michigan (1961)
M.S. Pharmacology - Purdue University, Lafayette, Indiana (1963)
Ph.D. Pharmacology - Purdue University, Lafayette, Indiana (1965)
Visiting Scientist, Analytical Toxicology - Karolinska Institute, Stockholm, Sweden
(1973 – 1974, sabbatical leave)

III. POSITIONS AND MEMBERSHIPS

A. Positions Held

Pfizer Centennial Professor of Pharmacology/Toxicology, University of Texas, 1978-present; Division Head, 1978-1991
Director, Addiction Science Research and Education Center, College of Pharmacy, 1991-present
Associate Dean for Research and Graduate Studies, Coll. of Pharmacy, 2008 -present

Austin Site Program Director, Central Texas Ph.D. program in Translational Science
 Visiting Professor, University of Oklahoma Health Sciences Center (Oklahoma Center
 for Alcohol and Drug-related Studies) – 1998
 Professionals in Residence Program, Betty Ford Center, October, 1996
 Visiting Lecturer, DuPont Pharma, 1995-1996
 Visiting Scientist, Arthur V. Davis Center for Behavioral Neurobiology, The Salk
 Institute, La Jolla, California, June-July, 1981
 Director, Drug Dynamics Institute, College of Pharmacy, 1986-1988
 Professor, Department of Pharmacology, University of Texas Health Science Center at
 San Antonio (joint appointment), 1978-2004
 Professor of Pharmacology and Toxicology, University of Kansas, 1974-1978
 Assistant Chairman of Pharmacology and Toxicology, University of Kansas, 1974-
 1975
 Associate Professor of Pharmacology and Toxicology, University of Kansas, 1969-
 1974
 Acting Departmental Chairman, University of Kansas, 1973
 Assistant Professor of Pharmacology and Toxicology, University of Kansas, 1965-1969
 NIH Predoctoral Fellow, Purdue University, 1963-1965

B. Professional Societies

Texas Research Society on Alcoholism, President, 1980-1985; Executive Director,
 1985- 1990, Board Member (ex officio), 1991-present
 Research Society on Alcoholism, Vice-President, 1981-1983; Chairman, Finance and
 Fundraising Committee, 1981-1985; Scientific Communication Committee, 1979-
 1983, Chairman, 1979-1981; Research Development Committee, 1984-85;
 Assistant Secretary-Treasurer, 1985-1987; Treasurer, 1987-1989; Chairman,
 Committee on National Advocacy, 1988 – 1995; Board of directors, 1989-1993;
 Government Affairs and Advocacy Committee and Chair, National Advocacy
 Subcommittee, 1997-1999; Chair, National Advocacy and Public Education
 Committee, 1999-present
 College on Problems of Drug Dependence
 American College of Forensic Examiners; Diplomate, American Board of Psychological
 Specialties, 1999 - 2001
 American Society for Pharmacology and Experimental Therapeutics
 Society for Neuroscience
 New York Academy of Sciences
 International Society for Biomedical Research on Alcoholism
 American Association for the Advancement of Science, Fellow
 Kappa Psi Pharmacy Fraternity
 Phi Kappa Phi Honor Society

C. Other Professional Activities

Member, Biomedical Research Review Committee and National Center Grant Review
 Committee, National Institute on Alcohol Abuse and Alcoholism, 1976-1980

Member, National Advisory Council on Alcohol Abuse and Alcoholism, NIAAA, 1987-1991

Member, Editorial Advisory Board, Alcoholism and Addiction; Chairman, 1985-1990

Member, Editorial Advisory Board, Alcohol journal; contributor, Reviews and Comments section, every bimonthly issue, 1987-1991

Member, Editorial Board, Alcoholism: Clinical and Experimental Research journal, 1986-1990; author, Voice of the Victims (Voices of the Afflicted) Commentary, 1995-1998

Associate Editor, Alcoholism: Clinical and Experimental Research journal, 1998 - present

Member, Editorial Board, Journal of Studies on Alcohol, 2004-2007

Member, Editorial Board, Journal of Studies on Alcohol and Drugs, 2012-present

Member, Editorial Board, Current Drug Abuse Reviews

Member, State Advisory Council, Texas Commission on Alcohol and Drug Abuse, 1983-1990

Member, Board of Directors, Greater Austin Council on Alcoholism & Drug Abuse, 1990

Member, Committee on Pharmacists Recovery Network, Texas Pharmaceutical Association, 1989-1990

Member, Fetal Alcohol Syndrome Consortium, Texas Office for Prevention of Developmental Disabilities, 1995-1998

Member, Texas Medical Association's Ad Hoc Committee on Alcoholism and Drug Abuse, 1984-1989

Science Advisor, Alcoholism and Drug Research Communications Center

Science Editor, "Science Matters", a lay-language monthly research newsletter, 1990-1992; "Sci-Mat", new format of "Science Matters"; 1995-1996, new format, part of a new newsletter (Findings) published by the Betty Ford Center, Rancho Mirage, CA, 1998-2009; new format, "Sci-Mat" online publication of the Betty Ford Institute, Rancho Mirage, CA, 2009-present

Member, FDA Panel on OTC Sedatives, Sleep-aids, and Stimulants, 1972-76

Editor, the Pharmaceutical Letter, a continuing education newsletter for Kansas Pharmacists, 1971-1973

Editor, Two newsletters of the Texas Research Society on Alcoholism, "Sobering Thoughts" (coeditor with John O'Neill), and "Solving the Puzzle" 1980-1991

Contributor, Monthly Commentary, Addiction Professional magazine, 2003-2008

Consultant, INTERx Corp., Lawrence, KS, 1973-77

Consultant, ALZA Corp., Lawrence, KS, and Palo Alto, CA, 1968-1973

Consultant, NeuroSystems, Inc., Dallas, TX, 1986-1990

Consultant, Anestec Corp., Wichita Falls, TX 1993-1994

Member, Board of Directors, Wellway, Inc., 1986-1989

Member, Addictive Disease Advisory Council, Charter Lane Hospital, Austin, 1987-1989, Chairman, 1988-1989

Coordinator, Research Update column, U.S. Journal of Drug and Alcohol Dependence, 1987-1989

Member, Scientific Advisory Committee, Prevention Research Center, Berkeley, CA, 1993-1997

Member, Conference Organizing Committee, American Society on Addiction Medicine, 1999-2003
 Member, National (Leadership) Forum, and member of the Steering Committee of the Forum, 1996-2004
 Member, Advisory Board of the Johnson Institute Foundation in Washington, DC, 1998-2009
 Member, Practice and Literature Review Committees, National Advisory Group, Addiction Technology Transfer Centers National Office, 1999-present
 Member, Steering Committee, Faces and Voices of Recovery, 2003-2007
 Member, Board of Directors, National Council on Alcoholism and Drug Dependence, 2005 - 2007
 Member, The National Foundation for Mental Health, 2004 – 2008
 Member, Scientific Advisory Panel, Hazelden treatment center, 2004-present
 Member, Betty Ford Institute Executive Council, 2007 - present

D. Awards

*Annual Award, American Society of Addiction Medicine, 2013
 Lecturer, Purdue University Dean's Pharmacy Executive Forum, 2013
 *John P. McGovern Award for Excellence in Medical Education, Association for Medical Education and Research in Substance Abuse (AMERSA), 2009
 *Hamilton Book Award, University of Texas Co-Op Society, 2008
 *Nelson J. Bradley Lifetime Achievement Award, National Association of Addiction Treatment Providers (NAATP), 2007
 *Recipient, Fred French Award for Educational Achievement, 2004
 *Recipient, Pat Fields SECAD Award, the National Association of Addiction Treatment Providers, 2003
 Plaque of Appreciation, for involvement in the Prism Generations Next program of the Entertainment Industries Council, 2000-2001
 Nominee, Harold Hughes Service Award, 2002
 *Betty Ford Center Visionary Award, 2000
 *Endowed Professorship (Pfizer Centennial), College of Pharmacy, 1985 - present
 *Recipient, Distinguished Service Award, Research Society on Alcoholism, 1991
 Nominee, Marty Mann Award for Best Communicator in Alcoholism Field, 1983, 1994
 *Recipient, Award of Appreciation, Texas Commission on Alcoholism, 1984
 *Fellow, American Association for the Advancement of Science, 1988
 Fellow, American Council on Alcoholism, 1988
 Nominee, Charles A. Dana Award for Pioneering Achievement in Health, 1989, 1990
 Nominee, Dan Anderson Research Award, Hazelden Center, 1996
 Toastmasters International, CTM Award, 1992; ATM Award, 1994
 Phi Lambda Sigma National Leadership Society, Elected Member, 2000
 Faculty Research Assignment, University of Texas, Fall semester, 1994

* = Major state, professional, or national award

IV. RESEARCH ACTIVITIES

A. Grant Funding

1. Approved and Funded

(All totals except NIMH and NIAAA grants include indirect costs)

- a. Univ. Ks. Gen. Res. Fund, "The effects of arousal on learning and hippocampal theta rhythm in rats", 7-1-65 through 6-30-66, \$2,000.
- b. NIMH Small Grant, "Reticular and septal relations to limbic theta rhythm", 6-1-66 through 5-31-67, \$3,400.
- c. Univ. Ks. Gen. Res. Fund, "Addictive ability of ethyl alcohol in rats", 7-1-66 through 6-30-67, \$3,071
- d. Lic. Bev. Indust., Inc., "Addictive ability of self-injected intravenous ethyl alcohol in rats", 11-1-66 through 10-31-67, \$7,965.
- e. Univ. Ks. Gen. Res. Fund, "Behavioral hyperexcitability induced by alcohol withdrawal in rats", 7-1-67 through 6-30-68, \$3,000.
- f. Coun. Tobacco Res.--USA, "Mechanism of learning facilitation by nicotine", 11-1-67 through 10-31-68, \$9,350.
- g. NIMH, "Cholinergic implications of ethanol intoxication", 1-1-68 through 12-31-70, \$49,381.
- h. Univ. Ks. Gen. Res. Fund, "Alcohol-induced learning and memory decrement", 1-1-68 through 6-30-69, \$3,350.
- i. Coun. Tobacco Res.--USA, "Mechanism of learning facilitation by nicotine (Renewal)", 11-1-68 through 10-31-69, \$4,428.
- j. Coun. Tobacco Res.--USA, "Neurophysiological mechanisms of nicotine in learning", 6-1-70 through 5-31-71, \$12,939.
- k. Univ. Ks. Gen. Res. Fund, "Learning enhancement by posttrial brain stimulation", 7-1-70 through 6-30-71, \$2,950.
- l. Coun. Tobacco Res.--USA, "Neurophysiological mechanisms of nicotine in learning", 6-1-71 through 5-31-72, \$10,414.
- m. Univ. Ks. Gen. Res. Fund, "Alteration of alcohol intoxication by physiological

cations", 7-1-71 through 6-30-72 (Unused--"back stop" grant).

- n. Coun. Tobacco Res.--USA, "Effects of nicotine on free acetylcholine in the hippocampus during learning", 6-1-72 through 5-31-73, \$10,550.
- o. NIAAA, "Central neurotransmitter effects of ethanol", 6-1-72 through 5-31-73, \$30,901.
- p. Lic. Bev. Indust., Inc., "Neurotransmitter profile of chronic alcoholism", 9-1-74 through 8-31-75, \$9,955, (Unused-contingent upon NIAAA grant).
- q. NIAAA, "Alteration of central neurotransmitters by ethanol", 10-1-74 through 9-30-77, \$147,124.
- r. Univ. Ks. Gen. Res. Fund, "Neurotransmitter release in mouse brain organ cultures", 7-1-75 through 6-30-76, \$3,850.
- s. Univ. Ks. Gen. Res. Fund, "Blockade of post-depression excitation after alcohol in rats", 7-1-77 through 6-30-78, \$3,010.
- t. Nat. Coun. Alcoholism, "Blockade of ethanol withdrawal by calcium", 7-1-77 through 6-30-78, \$6,900.
- u. Salk Institute-Texas Research Foundation, "Effects of chronic ethanol administration on neurotransmitters", 6-1-78 through 5-31-79, \$13,474.
- v. Coun. Tobacco Res.--USA, "Blood-brain monitoring of sustained nicotine levels in rats " 1-1-79 through 12-31-79, \$26,351.
- w. Coun. Tobacco. Res.--USA, "Blood-brain monitoring of sustained nicotine levels in rats (Renewal)," 1-1-80 through 12-31-80, \$33,971.
- x. Coun. Tobacco Res.--USA , "Blood-brain monitoring of sustained nicotine levels in rats (Renewal)," 1-1-81 through 12-31-80, \$37,782
- y. NIAAA, "Contract to study ethanol and acetaldehyde elimination rates in NCI inbred rats", 6-23-80 through 12-31-81, \$9,840.
- z. Texas University Research Institute, "Identification of an alcohol-drinking center in mice," 12-1-82 through 3-31-83, \$5,000.
- aa. Texas University Research Institute, "Ethanol: Low dose predictors of dependence", 12-15-84 through 3-31-85, \$4,000.
- bb. NIAAA, "Ethanol intoxication: Neurotransmitter relationships, " 3-1-81 through 2-28-85, \$263,462.

- cc. Alcoholic Beverage Medical Research Foundation, "Central acetylcholine correlates of low-dose ethanol actions", 7-1-83 through 6-30-85, \$67,480.
- dd. Biomedical Research Support Grant (Pharmacy), "Alcohol and Aging", 5-1-85 through 3-31-86, \$5,000.
- ee. NeuroSystems, Inc., "Measurement of plasma endorphins in alcoholic patients treated with Relax Pak", 12-1-87 through 5-31-88, \$5,000.
- ff. Hoechst-Roussel, "Blood alcohol analyses of interactions between Cefpirome and alcohol in healthy men", 6-1-89 through 9-30-89, \$2,000.
- gg. NIAAA, "Ethanol and Aging: Cholinergic Relationships", 6-1-86 through 11-30-90, \$420,821.
- hh. Johnson & Johnson, "Effects of Alcosorb[®] on blood alcohol levels in rats and dogs", 1-1-89 through 12-31-89, \$21,849.
- ii. URI/Biomedical Research Support Grant (Pharmacy), "Low-dose ethanol effects on central opiopeptides", 6-1-90 through 3-31-91, \$7,000.
- jj. NIDA, "Pentobarbital activation in selected mouse lines", 8-1-91 through 7-31-94, \$334,185. Plus Minority Fellowship.
- kk. Texas Commission on Alcohol and Drug Abuse, "Science Education Partnership", 9-1-93 through 8-31-94, \$ 10,000.
- ll. NIAAA, "Adult Science Education: Bridging the Gap", 9-30-92 through 4-30-96, \$300,000. Plus NIDA supplement of \$ 25,000, 1994.
- mm. NIAAA, "Adult Science Education: Bridging the Gap", 5-1-96 through 4-30-99, \$522,476. (Renewal of above)
- nn. Waggoner Center for Alcohol and Addiction Research, "Texas Conference on the Neurobiology of Addiction", 8-1-99 through 7-31-00, \$38,700.
- oo. Texas Higher Education Coordinating Board, "Chemical Dependency C.E. Programs for Pharmacists, Social Workers, and Nurses: Making Up for Lost Time", 3-15-00 through 8-31-00, \$305,552.
- pp. National Institute on Drug Abuse, DHHS, "Drug Abuse Education for Professionals", 9-1-00 through 8-31-03, \$733,845.

2. Summary of Total Funding, 1965 to Present

- a. Institutional (Univ. Ks. and Univ. Tex.)--\$396,453 (14 awards)
- b. Private Research Organizations--\$270,453 (15 grants)
- c. Federal Funding, including Contracts - \$2,839,574 (13 awards, direct costs only)

3. Miscellaneous

- a. Swedish Medical Research Council, 8-16-73 through 8-15-74, \$10,500 (to supplement sabbatical leave salary).
- b. Small Grants Subcomm. of the Univ. Ks. Fac. Res. Comm., Supplemental grant for NIAAA project, 1975, \$500.
- c. Univ. Ks. Intern. Travel Comm. for attendance at Sixth Intern. Cong. Pharmacol. Helsinki, July, 1975, \$364.
- d. Amer. Soc. Pharmacol. Exp. Therap., to supplement Univ. Ks. Travel Funds for attendance at Helsinki meeting (c. above), 1975., \$522.
- e. March of Dimes, Capital Area Chapter, to support personnel in the Univ. Tx. Alcohol Information Center, 1979, \$5,520.
- f. Private foundation grants and contracts to support the Texas Research Society on Alcoholism, 1979-1990, \$90,500.

B. Publications (see pages at end of Vitae)

- C. Present Research Interests: I am interested in neuroscience and addiction science education, performed through the dissemination of new research findings in lay language. Primarily through lectures, slide presentations, and audience-interactive methods to professionals and the “interested public”, education is packaged in an easily-understandable form so that new information can be transferred quickly to those who can use it. I am also interested in teaching other researchers to communicate their research results more effectively, and to motivate them to also talk to professional and interested public audiences. Finally, the evaluation of such information transfer is critical to its long-term effectiveness in altering public opinion about addictions as diseases. Therefore I am interested in behavioral change methods and theory, belief-change theory, and how to influence public opinion regarding the need for more research funding to understand mental illness, alcoholism, and chemical dependency in our society.

- D. Journal Reviews: Reviewer for J.Amer. Pharm. Assoc., Pharmac. Biochem. Behav., Life Sci., Drug Intell., Clin. Pharm., Psychopharmacology, Physiol. Behav., Europ. J. Pharmacol., Science, Alcohol, Alcoholism Clin. Exp. Res.

V. TEACHING ACTIVITIES

A. Graduate Students - Degrees Granted

J. Patel (M.S. Kansas, 1968)	M. Goldman (Ph.D. Texas, 1981)
D. High (M.S. Kansas, 1968)	A. Kochhar (Ph.D. Texas, 1985)
R. King (M.S. Kansas, 1969)	G. Milton (Ph.D. Texas, 1993)
W. Burnam (M.S. Kansas, 1969)	H. Upadhyaya (M.S. Texas, 1993)
K. Chai (M.S. Kansas, 1971)	A. Post (Ph.D. Texas, 1993)
J. Hart, (Ph.D. Kansas, 1971)	R.L. Popp (Ph.D. Texas, 1994)
D. Graham (Ph.D. Kansas, 1973)	E. Schneider (M.S. Texas, 1998)
J. Matchett (Ph.D. Kansas, 1976)	E. Liczenczias (M.S. Texas, 2003)
M. Friedman (Ph.D. Texas, 1980)	

B. Courses Taught at Kansas (1966 through 1977)

Pharm. 190 (Chemotherapy), 4 cr. - full responsibility, 1966-1970
Pharm. 210 (Pharmacodynamics), 5 cr. - team taught
Pharm. 220 (Pharmacodynamics), 4 cr. - team taught
(Responsibility for approximately 40 total lectures in preceding two courses from 1966 to 1973)
P & TX 235 (635) (Pharmacology III), 4 cr. - team taught, 1972 - 1973
Ph Pr 445 (Topics in Pharmacy), 2 cr.-4 lectures, 1972-1977
P & TX 466 (Biological Approaches to Drug Dependence), 2 cr. -full responsibility of newly-created course, 1977
P & TX 678 (Pharmacology I) 4 cr. - 21 lectures, 1975-1977
P & TX 680 (Pharmacology II), 4 cr. - 8 lectures, 1974-1975
P & TX 684 (Prediction & Prevention of Drug Toxicity), 1-4 cr. -15 lectures, 1974-1975
P & TX 696 (P & TX Forum), 2 cr. - 4 lectures, 1974-1976
P & TX 696 (R) (Advanced Topics in Drug Therapy), 4 cr. - 8 lectures, 1976-1977
*Pharm. 340 (Psychopharmacology), 4 cr. - full responsibility, 1969, 1972
*Psych. 309 (Neurophysiology of Learning and Memory), 4 cr. - 2 lectures, 1967
P & TX 240 (Research Tactics), 2 cr. - 12 lectures, 1972, 1973
*P & TX 799 (P & TX Seminar), 1 cr. - participation in student seminars and critique
*P & TX 940 (CNS Pharmacology), 2 cr. - full responsibility, 1975
Miscellaneous undergraduate and graduate lectures - 4 per year average since 1972

C. Courses Taught at Texas

PHR 473 (373K and 373M) (Pharmacology I), 4 cr. - 29 lectures per semester including summer, 1979-1981
 PHR 373K (Pharmacology I), 3 cr. - 22 lectures per semester, including summer, 1981-1988
 PHR 473K (Pharmacology I), 4 cr. - 15 lectures per semester, spring and summer, 1989-present
 *PHR 388K and 385N (Neuropharmacology), 3 cr. - full responsibility, 1978, 1981, 1983, 1984; partial responsibility, 1986, 1988-present
 *PHR 180E (Scientific Writing in the Pharmaceutical Sciences), 1 cr. - full responsibility, 1980-1989
 *PHR 280E (Communication Skills for Scientists), 2 cr. - full responsibility, 1990-1995
 PHR 346K (Biological Approaches to Drug Dependence), 3 cr. - full responsibility, 1979 - 1982
 PHR 330M (Innovative Approaches for Disease Prevention), 3 cr. - full responsibility, 1984-1997
 *PHR 387G (Grant Writing and Research Design), 3 cr. - full responsibility, 1985-1995
 *PHR 487Q (Oral and Written Communication Skills for Scientists), 4 cr. – full responsibility, 1999-present
 PHR 695F (Pharmacotherapy III), 6 lectures on addiction medicine – 2003-present
 PHR 270C (Communication Skills for Health Professionals) 2 cr. - 1999-present
 UGS302 (Science of Addiction), 3 cr. – 2009-present
 *PHR 191Q (Pharmacy and Its Disciplines), 1 cr. organization – 2011-present

*Graduate level courses

D. Teaching Honors

1. Improvement of Instruction Award, Kansas School of Pharmacy, 1975-\$275 for studying a self-instruction method.
2. Nominee for H.O.P.E. (Honor Our Progressive Educator) Award, Kansas, 1975, 1977.
3. Mortar Board Outstanding Educator, Kansas, 1975.
4. Consistently rated as one of the top two teachers in the 6-member department, Kansas.
5. Nominee for Pharmacy Texas Excellence Teaching Award, Texas, 1980, 1990

VI. SERVICE

A. Departmental

Kansas

Catalog and Scheduling Officer, 1970-1977

Animal Room Supervisor, 1968-1969, 1975-1977

Coordinator for electronics and instrumental techniques FLORS requirement, 1971-1977
Undergraduate curriculum coordinator, 1975-1977
Space renovation coordinator, 1975

B. School

Kansas

Faculty Secretary, 1966-1972
Faculty Advisor to the Student Branch of the APhA, 1966-1969
Faculty Librarian, 1967-1972
Scholarship and Awards Committee, 1967-1970
Pharmacy Advisory Council, 1972-1973
Curriculum Committee, 1972-1973 (chairman during major revision of curriculum)
Pharmacy Tripartite Committee, 1973
Administrative Committee, 1973 (while Acting Departmental Chairman)
Continuing Education Committee, 1973
Faculty search Committees for new Pharmacology and Medicinal Chemistry Departmental Chairmen, 1974-1975
Professional Policy Committee, 1975-1977; Chairman, 1976-1977
Catalog and Scheduling Committee, 1975-1977
Promotion and Tenure Committee, 1975-1977; Chairman, 1976-1977
Since 1965, 19 continuing education lectures were presented to pharmacists in Kansas.

Texas

Pharmacy Executive Committee, 2000-2008; Chair, 2000-2002, 2004-2008
Pharmacy Budget Council, 1978-2008; Chair, 1979-1980, 1997-2000
Since 1978, 14 continuing education lectures were presented to pharmacists in Texas
Equipment Committee, 1978, 1985-1986
Pharmacy Human Experimentation Review Committee, Chairman, 1979-1981
Chairman, Graduate Studies Committee, 1981-1987
Chairman, Pharmacy Student Assistance Program Committee, 1985-1989
Chairman, Faculty Retreat, 1985
All-College Seminar Committee, Chair, 1988 – 1991
Curriculum Committee, 1998-2000
Graduate Advisor, 1986-1987, 2008 - present
Graduate Administrative Subcommittee, Chair, 2008 - present
Celebrating Pharmacy Research Excellence Day, Chair, 2009 - present
Graduate Studies Committee, Chair, 1986-1987
Faculty Development Committee, Chair, 1992 – 2000, 2003-present
Graduate Studies Administrative Subcommittee, Chair, 2009-present

TA Selection Sub-committee, Chair, 2009-present
Research Infrastructure and Lab Safety Committee, 2009-present
Search Committee, Dean of Pharmacy, Co-chair, 2007
Search Committee, Dean of Social Work, 2011

C. University

Kansas

Research Grants Subcommittee, 1969, 1975
Representative to Area III Committee of the Graduate Council, 1970-1971
University Animal Care Committee, 1972-1973
Chemical Biology Seminar Committee, 1975-1978, Chairman, 1977-1978
Biohazards Committee, 1975-1977
Since 1965, 12 talks were presented on various topics to Kansas campus groups such as Sigma Xi and Alpha Chi Sigma

Texas

University Research Institute Review Committee, 1980-1983
Committee on Attendance at Learned Societies, 1982-83, Chairman, 1983-84
Hamilton Book Awards Committee, 2009
Faculty Research Assignments and Summer Research Assignments Committee, 2009 - 2011

D. Community

Kansas

From 1965-1977, 11 talks were presented to civic organizations

Texas

Three half-hour and one-hour radio tapes were made concerning alcohol and alcoholism
Many talks on alcoholism research were given to civic clubs in Austin
Several television and radio interviews were given on local stations
Wrote and produced a radio program on "Alcohol Research Update"

E. State

Kansas

Organized a symposium on drug abuse with speakers from across the state and from the University, held on April 24, 1969 for the benefit of KU pharmacy students, faculty and the Lawrence community
Participated in the Governor's Conference on Drug Abuse Prevention in Topeka, October 21-23, 1974
Since 1965, 8 talks were presented on various topics to organizations such as Topeka Capital Civitan Group, Emporia Caduceus Society, St. Benedict's College, and Leavenworth High School Biology Club

Texas

Participated in fund-raising and awareness-raising talks with the Dallas Council on Alcoholism and the Alcoholism Council of Texas

F. National and International

Nationally and internationally recognized speaker on addiction science, presenting approximately 40 talks per year

PUBLICATIONS

Carlton K. Erickson, Ph.D.

Scientific Publications (Refereed, except for Abstracts)

1. Chalmers, R.K. and Erickson, C.K., "Central cholinergic blockade of the conditioned avoidance response in rats", *Psychopharmacologia* 9: 31-41 (1964).
2. Erickson, C.K. and Chalmers, R.K., "Hippocampal theta rhythm during avoidance blockade", *Pharmacologist* 8:218 (1966). (Abstract)
3. Erickson, C.K. and Chalmers, R.K., "Hippocampal theta rhythm involvement in cholinergic-induced blockade of discriminated avoidance responding in rats", *Arch. Int. Pharmacodyn.* 15:70-78 (1966).
4. Erickson, C.K., "A reliable lever-press avoidance training method in rats", *Fed. Proc.* 26:738 (1967). (Abstract)
5. Patel, J. and Erickson, C.K., "Enhanced avoidance acquisition by low-intensity hippocampal stimuli", *Pharmacologist* 9:200 (1967). (Abstract)
6. Erickson, C.K., "Facilitated responding in a discriminated lever-press avoidance situation", *Psychonom. Sci.* 8:37-38 (1967).
7. Erickson, C.K. and Patel, J., "Facilitation of avoidance learning by post-trial hippocampal electrical stimulation", *J. Comp. Physiol. Psych.* 68:400-406 (1969).
8. Burnam, W. and Erickson, C.K., "Antagonism of ethanol sleep time by central cholinergics", *Fed. Proc.* 28:262 (1969). (Abstract)

9. Erickson, C.K., Thorn, S. and Miller, T., "Studies on the mechanism of avoidance facilitation by nicotine", Abstracts of 116th Annual Meeting of Amer. Pharm. Assoc., Montreal, Canada, pg. 105 (May, 1969). (Abstract)
10. Hart, J.B. and Erickson, C.K., "Effects of scopolamine on one-trial learning", Pharmacologist 11:246 (1969). (Abstract)
11. Chai, K. and Erickson, C.K., "Cholinergic modification of ethanol-induced EEG synchrony", Pharmacologist 12:277 (1970). (Abstract)
12. Graham, D.T. and Erickson, C.K., "The effect of ethanol on the output of cerebral acetylcholine in vivo", Fed. Proc. 30:622 (1971). (Abstract)
13. Erickson, C.K. and Burnam, W.L., "Cholinergic alteration of ethanol-induced sleep and death in mice", Ag. Actions 2:8-13 (1971).
14. Erickson, C.K., "Studies on the mechanism of avoidance facilitation by nicotine", Psychopharmacologia 22:357-368 (1971).
15. Erickson, C.K. and Graham, D.T., "The effects of ethanol on acetylcholine release from the midbrain reticular formation in vivo", Abst. Fifth. Intern. Cong. Pharmacol., 64 (172). (Abstract)
16. Hart, J.B. and Erickson, C.K., "A neocortical site of action for scopolamine hydrobromide impairment of step-through avoidance acquisition in mice", Abst. Fifth Intern. Cong. Pharmacol., 97 (1972). (Abstract)
17. Erickson, C.K., "Facilitation of discriminated lever-press avoidance learning by ribaminol", Life Sci. 11:23-32 (1972).
18. Matchett, J.A. and Erickson, C.K., "Effects of drug-induced changes in central biogenic amines on ethanol-induced sleep-time in mice", Fed.Proc. 32:697 (1973). (Abstract)
19. Erickson, C.K. and Graham, D.T., "Alteration of cortical and reticular acetylcholine release by ethanol in vivo", J. Pharmacol. Exp. Therap. 185:583-593 (1973).
20. Erickson, C.K., Graham, D.T. and U'Prichard, T., "Cortical cups for collecting free acetylcholine in awake rats", Pharmac. Biochem. Behav. 1:743-746 (1973).
21. Graham, D.T. and Erickson, C.K., "Alteration of ethanol-induced CNS depression: Ineffectiveness of drugs that modify cholinergic transmission", Psychopharmacologia 34:173-180 (1974).
22. Erickson, C.K. and Matchett, J.A., "A time-course study of spontaneous locomotor activity and central catecholamines in mice after ethanol", Fed. Proc. 34:780 (1975). (Abstract)

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1. "The pharmacology of motion sickness drugs", Spring Pharmacy Seminar (1966).
2. "Coronary vasodilator drugs", Mid-Winter Pharmacy Seminar (1967).
3. "Adverse reactions of drug therapy", T. Edward Hicks Memorial Lecture Series, University of Arkansas Pharmacy Seminar (1967).
4. "Drug-induced birth defects", Mid-Winter Pharmacy Seminar (1968).
5. "Retrieval of pharmacological information p.r.n.", Fall Pharmacy Seminar (1968).
6. "O-T-C sleep aids and sedatives", Mid-Winter Pharmacy Seminar (1969).
7. "Diagnostic and laboratory procedures of value in diseases of the organs of excretion" Mid-Winter Pharmacy Seminar (1970).
8. "Suppression of hyperactive brain states: Epilepsy and parkinsonism", Spring Pharmacy Seminar (1970).
9. "A review of drugs of abuse", Mid-Winter Pharmacy Seminar (1971)
10. "Mental depression", Mid-Winter Pharmacy Seminar (1972).

11. "Basic reviews: Neuroanatomy, neurophysiology, and drug action", Spring Pharmacy Seminar (1973).
12. "Drugs in the aged", Mid-Winter Seminar (1975).
13. "Incidence and pathology of cancer", Mid-Winter Pharmacy Seminar (1976).
14. "The physiology of pain", Fall Pharmacy Seminar (1981).

Continuing Education Talks, Texas

1. "The Pharmacology of alcohols", Spring Refresher Course (1978).
2. "Alcohol interactions with other drugs", Spring Refresher Course (1978).
3. "Abused drugs: The pharmacist's role", Spring TPA course (1980).

(Approximately 20 C.E. Pharmacy presentations since 1980 in Texas.)

BIOSKETCH – CARLTON ERICKSON, PhD

CARLTON (CARL) K. ERICKSON, a research scientist, has been studying the effects of alcohol on the brain for over 45 years. Carl received his Bachelor's degree from Ferris State College in 1961 and his Ph.D. degree in pharmacology from Purdue University in 1965. He has held tenured teaching and research positions at The University of Kansas (1965-1977) and The University of Texas (1978-present). He presently is Pfizer Centennial Professor of Pharmacology, Associate Dean for Research and Graduate Studies, and Director of the Addiction Science Research and Education Center in the College of Pharmacy at the University of Texas at Austin. He holds memberships in the American Society for Pharmacology and Experimental Therapeutics (ASPET), the Research Society on Alcoholism (RSA), and the College on Problems of Drug Dependence (CPDD), and is a member of the Executive Council of the Betty Ford Institute.

Carl is broadly knowledgeable about the neurobiology of alcohol and other drugs, since he is an active scientist and publisher of over 260 scientific and professional articles. He is also co-editor of the book, Addiction Potential of Abused Drugs and Drug Classes (Haworth Press, 1990), and co-author of Your Brain on Drugs (Hazelden, 1996). He is the author of The Science of Addiction: From Neurobiology to Treatment (W.W. Norton, 2007), which won a University of Texas Hamilton Book Award in 2008; Addiction Essentials: The Go-to Guide for Clinicians and Patients (W.W.Norton, 2011); and co-author of Drugs, The Brain, and Behavior (Routledge, 2013). He is a Field Editor and Highlights Editor of the scientific journal Alcoholism: Clinical and Experimental Research. He is on the science advisory panel of Hazelden Foundation in Center City, Minnesota. He has participated in the Professionals in Residence program at the Betty Ford Center in Rancho Mirage, CA and is a recipient of the Betty Ford Center Visionary Award (2000). He is also the recipient of the 2003 Pat Fields SECAD Award, the 2004 Fred French Award for Educational Achievement, the Nelson J. Bradley Award for Lifetime Achievement (2007), and the John P. McGovern Award for Excellence in Medical Education (2009).

Carl has 25 years of biomedical research experience as an active pharmacologist and neuroscientist and 20 years of educational research, all in academic settings. As a non-recovering person who believes "You don't have to have cancer to be a cancer researcher", Carl has tried to learn about addictive disease by attending Twelve Step meetings and becoming knowledgeable about addiction treatment methods. He presents approximately 10-15 lectures annually to health professionals, is a frequent keynote speaker at major conferences in the U.S. and internationally, and has presented Grand Rounds at health science centers to update pharmacy and medical faculty and students about the latest neurobiological research on addictive disease. Public and professional education about the evidence for chemical dependence as a medical disease is extremely important. Carl has spoken to approximately 87,000 professionals and people in recovery since 1978.

