

CURRICULUM VITAE

Steven W. Leslie

Home Address: 2718 Barton's Bluff Lane
Austin, TX 78746

Office Address: The University of Texas at
Austin
1 University Station, G1000
Austin, Texas 78712-0538

Home Phone: 512-327-7214
Office Phone: 512-471-4363
Office Fax: 512-471-0577
E-mail: sleslie@mail.utexas.edu

Education:

B.S., Pharmacy, 1969, Purdue University, West Lafayette, Indiana
M.S., Pharmacology/Toxicology, 1972, Purdue University
Ph.D., Pharmacology/Toxicology, 1974, Purdue University

Current Appointments:

Executive Vice President and Provost, The University of Texas at Austin, 2007-
Bauerle Centennial Professor, The University of Texas at Austin, 1989-present.

Previous Faculty/Administrative Appointments:

Dean, College of Pharmacy, The University of Texas at Austin, 1998-2007.
James T. Doluisio Chair, The University of Texas at Austin, 1998-2007.
Director, Institute for Neuroscience, The University of Texas at Austin, 1986-1992 (45
faculty in six Colleges at the University).
Sublett Professor, The University of Texas at Austin, 1986-1989.
Professor, Division of Pharmacology and Toxicology, College of Pharmacy, The University
of Texas at Austin, 1984-present.
Associate Professor, Division of Pharmacology and Toxicology, College of Pharmacy, The
University of Texas at Austin, 1982-1984.
Neurosciences Program, School of Medicine, The University of Alabama in Birmingham,
1980-1982.
Associate Professor, Department of Pharmacology, The University of Alabama in
Birmingham, the Medical Center, 1980-1982.
Associate Professor, Division of Pharmacology and Toxicology, College of Pharmacy, The
University of Texas at Austin, 1979-1980.

Assistant Professor, Division of Pharmacology and Toxicology, College of Pharmacy, The University of Texas at Austin, 1974-1979.

Extramural Grant Funding Record/Awards:

Principal Investigator – Continuous NIH Grant Funding for 25 years with multiple R01's per year and Training Grants

NIAAA Research Scientist Development Award, 1979-1991.

NIH MERIT Award 1991-1999.

Distinguished Alumnus Award, School of Pharmacy and Pharmacal Sciences, Purdue University, 1994.

Individual Educational Excellence Award, Texas Pharmacy Foundation, 2001.

Administrative Experience/University Service:

Member, NCAA Division I Athletics Certification Steering Committee, The University of Texas at Austin. (This is an appointed committee to review the University athletics programs in preparation for NCAA accreditation.) Appointed by President Powers, 2006-present.

Member, Dell Pediatric Research Institute Committee, The University of Texas at Austin, 2006-2007.

Chair, Deans' Council Curriculum Reform Working Committee, The University of Texas at Austin. (This is an ad hoc committee to review and recommend University curricular changes as recommended by the Commission of 125.) Summer 2006.

Member Ad Hoc Consultative Committee for the Selection of the Dean of the School of Law, The University of Texas at Austin. Appointed by Provost Ekland-Olson, 2006.

Member, Strategic Planning for Facilities Committee, The University of Texas at Austin, (This is an appointed committee to examine facility needs at The University.) 2006-2007.

Member, Tuition Policy Advisory Committee, The University of Texas at Austin. (This was an appointed committee to assess and recommend to the President a tuition policy for the University. Appointed by President Faulkner, 2005-present.

Member, School of Social Work Dean Review Committee, The University of Texas at Austin. (This was an appointed committee to assess the administration of the Dean of Social Work.) Appointed by Provost Ekland-Olson, 2004-2005.

Member, Central Texas Institute for Research and Education in Medicine and Biotechnology, Board of Directors. (This is a healthcare board whose goal is to develop a strategic, coordinated approach to building health-related collaborations in Central Texas.) 2003-present.

Member, Ad Hoc Advisory Committee, The University of Texas at Austin. (This was an appointed committee to reorganize the portfolio of the Dean of Graduate Studies and rewrite portions of the Handbook of Operating Procedures related thereto.) Appointed by the Executive Vice President and Provost, 2003.

Member, Administrative Liaison to the Commission of 125 Committee on Research, The University of Texas at Austin. Appointed by President Faulkner, November 2002-2004.

Member, Provost Review Committee, The University of Texas at Austin (This was an appointed committee to assess the administration of the Executive Vice President and Provost.) Appointed by Provost Ekland-Olson, 2002.

Member, Medco Deans' Advisory Council, Medco Health Solutions, Inc., Franklin Lakes, New Jersey. (This is an invited committee to review and make recommendations concerning communications, pharmacy management, and potential collaborations for Medco.) 2001-2007.

Member, College of Engineering Dean Review Committee, The University of Texas at Austin (This was an appointed committee to assess the administration of the Dean of Engineering.) Appointed by Provost Ekland-Olson, 2001-2002.

Chairman, EXPLORE UT, The University of Texas at Austin, 2001-2003.

Member, Steering Group on the New Texas Economy, The University of Texas at Austin (This was a University steering group whose purpose was to develop University involvement and leadership in the new Texas economy), 2001-2002.

Member, School of Nursing Dean Review Committee, The University of Texas at Austin (This was an appointed committee to assess the administration of the Dean of Nursing.) Appointed by Provost Ekland-Olson, 2000-2001.

Member, Executive Advisory Board on Intellectual Property and Technology Transfer, The University of Texas at Austin. The purpose of the Executive Advisory Board was to evaluate the University's intellectual property (IP) and technology transfer (TT) policies and to advise the president on ways to improve interrelationships between the University and the private sector in terms of IP and TT issues), 1999-2000.

Member, Biotechnology Cluster Group, Austin Chamber of Commerce (Committee membership was comprised of representatives from the University of Texas and the biotechnology industry. Its purpose was to establish strategies to maximize biotechnology development in the Austin metropolitan area), 1998-2002.

Member, Biosilicon Work Group, Austin Chamber of Commerce (This work group was made up of University and technology leaders and focused on the establishment of effective linkages between the University and the private sector), 1999-2002.

Program Training Director, NIH Training Grant (This programmatic NRSA funded stipends for five predoctoral and three postdoctoral fellows per year. I stepped down as program director when I assumed my responsibilities as Dean.) 1987-1998.

Member, Faculty Committee to Review Presidential Candidates, The University of Texas at Austin. Appointed by Lowell Lebermann, member Board of Regents and chairman, Presidential Search Committee, The University of Texas at Austin, 1997.

Member, Committee on Management Structure of Interdisciplinary Research, The University of Texas at Austin (appointed by President Berdahl; a committee formed to follow up on recommendations from a RAPID meeting), 1996-1997.

Co-chairman, Provost Search Committee, The University of Texas at Austin (appointed by President Berdahl), 1997-1998.

Member, RAPID, for funding/administration of university interdisciplinary programs (appointed by President Berdahl), 1996-1997.

Member, Athletic Certification Governance and Compliance Subcommittee, Athletic Accreditation Studies Committee for Intercollegiate Athletics for Men and Intercollegiate Athletics for Women programs, 1996-1997.

Chairman, Task Force for Science Park at Smithville (appointed by then Vice-President for Research, Marye Ann Fox; this Task Force was charged with evaluating and reporting to the Vice-President for Research concerning the possible administrative transfer of the Science Park at Smithville research facility from MD Anderson to The University of Texas at Austin), 1996.

Member, Provost Faculty Advisory Council, The University of Texas at Austin. Appointed by Provost Yudof, 1995-1997.

Faculty sponsor, student chapter of Habitat for Humanity at The University of Texas at Austin, 1994-1995.

Member, Provost Search Committee, The University of Texas at Austin (elected by the general faculty of the University to serve on this committee), 1993.

Chairman, Investigational Review Board, Biomedical Research Group, Inc., 1992-1994.

Member, Ad Hoc Committee to Recommend Modifications to Procedures to Foster Responsible Conduct in Research, The University of Texas at Austin, 1991-1993.

Chairman, Search Committee for the Dean of the School of Nursing, The University of Texas at Austin, 1988-1989.

Director, Institute for Neuroscience, The University of Texas at Austin. (The institute was composed of approximately forty-five faculty in six Colleges. Approved as an Institute by then President William H. Cunningham in 1986), 1986-1992.

Member, Academic Subcommittee, Graduate Assembly, The University of Texas at Austin. 1987-1988.

Member, University of Texas Graduate Assembly, 1987-1988.

Budget Council Chairman (promotion and tenure and merit salary committee), College of Pharmacy, The University of Texas at Austin, 1986-1989.

Chairman, University of Texas Faculty Senate, Standing Committee on Research, 1985.

Faculty Senate Member, The University of Texas at Austin, 1985-1986.

University Council Member, The University of Texas at Austin, 1985-1986.

Graduate Program Director, Department of Pharmacology, School of Medicine, University of Alabama in Birmingham, 1980-1981.

National Service and Committees:

American Association of Colleges of Pharmacy, Nominations Committee, Chair, 2006-2007.

American Association of Colleges of Pharmacy, Council of Deans, Immediate Past Chair, 2006-2007.

American Association of Colleges of Pharmacy, Council of Deans, Chair, 2005-2006.

Accreditation Council for Pharmacy Education, Professional Degree Program Accreditation Evaluation Team for University of Georgia College of Pharmacy, Member, 2004.

Accreditation Council on Pharmacy Education, Professional Degree Program Accreditation Evaluation Team for University of Kentucky College of Pharmacy, Member, 2003.

American Association of Colleges of Pharmacy, Research and Graduate Affairs Committee, Chair, 2003-2004.

American Society of Health-System Pharmacists, Commission on Goals. (This is an ASHP commission consisting of pharmacists, nurses, physicians, and educators to review societal and health-care trends and developments and advise ASHP about programs and strategic planning.) Member, 2002-2004.

American Association of Colleges of Pharmacy, Bylaws and Policy Development Committee, Chair, 2002-2003.

Texas Patient Safety Alliance, Leapfrog Group, Austin, TX,. The goal of this task force was to develop a written position regarding Leapfrog initiatives dealing with patient safety to be submitted to the Texas Patient Safety Alliance. Member, 2001-2002.

Texas Patient Safety Alliance, Austin, TX. This group developed from Summit 2000, a conference developed and implemented by the Texas Pharmacy Congress, and consists of representatives from Texas Hospital Association, Texas Nurses Association, Texas Pharmacy Congress, and the Texas Medical Association. The goals of this organization are to enhance patient safety by development of new patient safety initiatives through a multi-discipline healthcare team approach. Member, 2001-2004.

Medication Error Summit 2000, Barton Creek Conference Center, Austin, Texas. This was a collaborative conference of professional Texas pharmacy organizations, the colleges of pharmacy, medical, hospital and nursing affiliates. The goal of this conference was to address the issue of patient safety and to develop recommendations to reduce medication errors involving all healthcare disciplines. Conference proceedings were published in a White Paper entitled "Summit 2000: Better Medication Outcomes Through Healthcare Collaboration." Member, 2000.

Board of Trustees, Alcoholic Beverage Medical Research Foundation, Baltimore, MD, 1999-2005.

Pharmacy Deans' Research Group, Tucson, AZ. This is a group comprised of deans of pharmacy from across the nation who meet to address pharmacy research and academic issues. Member, 1998-2007.

Texas Pharmacy Congress. This is a coordinating body designed to serve as a forum on matters of common interest to its members. Members of this Congress are Texas Federation of Drug Stores, Texas Pharmacy Association, Texas Society of Health-System Pharmacists, Texas State Board of Pharmacy, and the six state colleges of pharmacy. Member, 1998-2007.

Project Advisory Committee member, Collaborative Minority Alcohol Research Development Program, Howard University College of Medicine, Washington, DC, 1998-2000.

Medical Advisory Council, Alcoholic Beverage Medical Research Foundation 1992-1998.

American Society for Pharmacology and Experimental Therapeutics, member, Otto Kraymer Award Committee, 1996.

Research Society on Alcoholism, Chairman, Program Committee, 1996.

Research Society on Alcoholism, Program Committee, 1995.

Research Society on Alcoholism, Chairman, Finance Committee, 1993-1995.

Research Society on Alcoholism, Board of Directors, 1991-1994.

Research Society on Alcoholism, Treasurer, 1989-1991.

Texas Research Society on Alcoholism, Vice-president, 1987-1989.

Journal Boards and Editorships:

Alcohol Health & Research World, Editorial Advisory Board, 1995-1998.

Alcoholism: Clinical and Experimental Research - Associate Editor, 1993-1998.

Alcohol - Editorial Board, 1989-1999.

Ph.D. Students and Postdoctoral Fellows Trained:

Ph.D. Students

Steve V. Elrod, Ph.D. 1979. Present position: Director of Scientific Affairs, TAP Laboratories.

Mitchell B. Friedman, Ph.D. 1980. Present position: Director of Scientific Affairs, Abbott Laboratories, Chicago, Illinois.

Rueben A. Gonzales, Ph.D. 1983. Present position: Professor, Division of Pharmacology and Toxicology, College of Pharmacy, The University of Texas at Austin, Austin, Texas.

Laura C. Daniell, Ph.D. 1985. Present position: Attended medical school. Currently private practice physician.

Lawrence Judson Chandler, Ph.D., 1987. Present position: Associate Professor, Department of Psychiatry and Behavioral Sciences, Medical University of South Carolina, Charleston, South Carolina.

Tina Machu, Ph.D., 1989. Present position: Associate Professor, Department of Pharmacology and Neuroscience, University of North Texas Health Science Center, Fort Worth, Texas.

Jo Ellen Dildy, Ph.D., 1990. Previously postdoctoral fellow, Department of Pharmacology, School of Medicine, University of Colorado Health Sciences Center, Denver, Colorado. Currently staying at home with young family.

Jimmy L. Morris, Ph.D., 1993. Present position: Pharmacist, Advanced PCS, Dallas, Texas.

Young-Hee Lee, Ph.D., 1995. Present position: Unknown.

Lisa Swoboda, M.S., 1995. Present position: Unknown.

Regine Robichon, Ph.D., 1996. Present position: Teacher, Paris, France.

Robert Trent, M.S., 1996. Present position: Assistant Director, Information Technology Services, The University of Texas at Austin, Austin, Texas.

George Acquah-Mensah, Ph.D., 2001. Present position: Assistant Professor, Department of Pharmaceutical Sciences, Massachusetts College of Pharmacy and Health Sciences, Worcester, Massachusetts.

Yumiko Honse, Ph.D., 2001. Present position: Postdoctoral fellow working in alcohol research with Dr. David Lovinger, NIAAA, Bethesda, Maryland.

Postdoctoral Fellows

Andrew Y. Chweh, 1979-1981. Present position: Private business.

Edward Barr, 1982-84. Present position: unknown.

John J. Woodward, 1983-86. Present position: Professor, Department of Physiology, Neuroscience and Psychiatry, Medical University of South Carolina, Charleston, South Carolina.

Mehdi Rezazadeh, 1985-1989. Present position: Science Associate, Texas College of Osteopathic Medicine, Fort Worth, Texas.

Laurie M. Brown, 1988-1991 (NIAAA training grant postdoctoral trainee). Present position: Assistant Professor of Pharmacology, College of Medicine, Northeastern Ohio Universities, Rootstown, Ohio.

Melanie Weaver, 1988-1993 (NIAAA training grant postdoctoral trainee). Present position: Director, Clinical Research, Proactive Medical Technologies, Austin, Texas.

Karen Phillips, 1992-1996. Present position, Self employed, Austin, Texas.

Walter Wilson, 1993-2000 (NIAAA training grant postdoctoral trainee). Present position: Pharmacist, Austin, Texas.

Peter Hughes, 1994-1998. Present position: Scientific Analyst, Lief Cabraser Heimann & Bernstein, LLP, San Francisco, California.

Xiao-Lan Zhao, 1997-2000 (NIAAA training grant postdoctoral trainee). Present position: Unknown, Andover, Massachusetts.

Karima Ferrani-Kile, 1997-1999. (NIAAA training grant postdoctoral trainee). Past position: Research Associate, Division of Pharmacology and Toxicology, The University of Texas at Austin, Austin, Texas. Present position: Self employed scientific entrepreneur, McLean, Virginia.

Grant Reviewer:

National Institute on Alcohol Abuse and Alcoholism (NIAAA) - Biomedical Research Review Committee member, 1986-1990.

National Science Foundation.

March of Dimes.

NIAAA MERIT Award Review Committee, 1989.

ADAMHA Reviewer Reserve member, 1991-1992.

NIAAA Special Review Committee (Center Grant Review Committee), 1992.

Alcoholic Beverage Medical Research Foundation, Medical Advisory Council member, 1992-1998.

NIAAA Special Review Committee (Center Grant Review Committee), 1997.

Invited Lectures and Presentations:

1978 Department of Pharmacology, University of Texas Health Science Center at San Antonio (Invited seminar speaker).

1979 Gordon Research Conferences on Alcoholism, Santa Barbara, California (Symposium speaker).

1979 Department of Pharmacology, Bowman Gray School of Medicine, Winston-Salem, North Carolina (Invited seminar speaker).

1980 Department of Pharmacology, University of Texas Health Science Center at San Antonio (Invited seminar speaker).

1981 Warner Lambert/Parke Davis, Ann Arbor, Michigan (Invited seminar speaker).

1981 Gordon Research Conferences on Alcoholism, Ventura, California (Discussant).

1982 Department of Pharmacology, School of Pharmacy, Auburn University (Invited seminar speaker).

- 1983 A.H. Robbins, Richmond, Virginia (Invited seminar speaker).
- 1983 FASEB meetings in Chicago (Symposium speaker).
- 1984 Western Pharmacology meetings, Reno, Nevada (Symposium speaker).
- 1984 Research Society on Alcoholism, Santa Fe, New Mexico (Roundtable speaker).
- 1985 Department of Pharmacology, School of Medicine, University of Colorado, Denver, Colorado (Invited seminar speaker).
- 1985 Winter Conference on Brain Research (Panel and Workshop speaker).
- 1985 Winter Symposium on Neuropharmacology of Alcohol, School of Medicine, University of Florida (Symposium speaker).
- 1985 Workshop on Calcium Entry Blockers, Rockefeller University, New York (Workshop speaker).
- 1985 Department of Pharmacology, School of Medicine, Texas A&M University (Invited seminar speaker).
- 1986 Texas Pharmacology meetings, Galveston, TX (Symposium speaker).
- 1986 International Society for Biomedical Research on Alcoholism meetings, Helsinki , Finland (Workshop speaker).
- 1987 Texas Pharmacology meetings, San Antonio, TX (Symposium speaker).
- 1987 Gordon Research Conferences on Alcoholism, Santa Barbara, California (Conferee).
- 1988 Gordon Research Conferences on Aging, Ventura California (Conferee).
- 1988 University of Colorado, Department of Pharmacology, School of Pharmacy (Invited seminar speaker).
- 1988 University of Colorado, Alcohol Research Center Conference on Alcohol, Keystone, Colorado (Discussant).
- 1988 National Conference on Alcohol Abuse and Alcoholism, San Diego, California (Symposium speaker).
- 1989 Winter Conference on Brain Research, Snowbird, Utah (Symposium speaker).

- 1989 American Society for Neurochemistry meetings, Chicago, IL (Symposium speaker).
- 1989 Worcester Foundation for Experimental Biology, Shrewsbury, Mass. (Invited seminar speaker).
- 1989 Research Society on Alcoholism meetings, Beaver Creek, Colorado, (Symposium speaker).
- 1989 Conference on Neuroadaptive Mechanisms to Ethanol, Steamboat Springs, Colorado (Symposium speaker).
- 1990 Conference on Education and Training of Scientists in the Responsible Conduct of Science, sponsored by National Institutes of Health and Alcohol, Drug Abuse and Mental Health Administration, NIH campus, Washington D.C. (Conference Representative-NIAAA).
- 1990 Warner Lambert/Parke Davis, Ann Arbor, Michigan (Invited seminar speaker).
- 1990 University of Missouri at Columbia, School of Medicine, Department of Pharmacology, Columbia, Missouri (Invited seminar speaker).
- 1990 International Medical Advisory Conference, Jasper Canada (Symposium speaker).
- 1990 NIAAA Workshop on Training and Career Development in Alcohol Research, Indianapolis, Indiana (Neuroscience and Behavior session chairman).
- 1990 Conference on Pharmacological Aspects of Ion Channel Function, Annapolis, Maryland (Session chairman - Voltage-Gated Calcium Channels and Intracellular Calcium; Panel speaker - The NMDA Receptor-Gated Ion Channel).
- 1990 Soviet/American Conference on Alcoholism, Leningrad/Moscow, USSR (Symposium speaker - Biological Effects of Alcohol).
- 1991 Research Society on Alcoholism meetings, Marco Island, Florida (Session co-chairman: "The NMDA Receptor: Update," Symposium speaker).
- 1991 NIAAA "Careers and Opportunities in Alcohol Research" meeting, Marco Island, Florida (Invited speaker).
- 1991 Department of Pharmacology, School of Medicine, Texas A&M University, College Station, Texas (Invited seminar speaker).
- 1991 Department of Pharmacology, School of Medicine, University of Texas Health Science Center at Galveston, Galveston, Texas (Invited seminar speaker).

- 1992 Department of Pharmacology, University of Texas Health Sciences Center, San Antonio, Texas (Invited seminar speaker).
- 1992 The Marcus Wallenberg Symposium, "Alcohol, Cell Membranes and Signal Transduction in Brain," Lund, Sweden (International organizing committee member; Session chairman, "Receptor and Voltage Controlled Ion Channels," Symposium speaker).
- 1992 Department of Psychiatry, School of Medicine, Medical College of South Carolina, Charleston, South Carolina (Invited seminar speaker).
- 1992 Department of Neurobiology and Anatomy, The University of Texas Medical School at Houston, Houston, Texas (Invited seminar speaker).
- 1993 Alcoholic Beverage Medical Research Foundation meeting, London, England (Invited meeting participant).
- 1994 Winter Conference on Brain Research, Snowbird, Utah (Invited panel speaker).
- 1994 School of Pharmacy and Pharmacal Sciences, Purdue University, West Lafayette, Indiana (chosen as a distinguished alumnus and this talk was a seminar on my research and was a part of the awards ceremony).
- 1994 International Medical Advisory Conference, Quebec City, Quebec (Discussion leader of a session on "Neurobiological Basis of Alcohol Reinforcement").
- 1994 National Institute on Alcohol Abuse and Alcoholism Workshop on Research Training and Career Development (Breakout group discussion leader and reporter).
- 1994 Oregon Health Sciences University and Veterans Administration Medical Center, Portland, Oregon (Invited seminar speaker).
- 1995 Texas Research Society on Alcoholism meeting, Texas Women's College, Denton, Texas (Invited plenary speaker).
- 1995 Playfair Neuroscience Unit, Toronto Hospital, Toronto, Ontario, Canada (Invited seminar speaker).
- 1995 National Institute on Alcohol Abuse and Alcoholism Workshop on "Ethanol and Ligated Ion Channels," Bethesda, Maryland (Session Chairman/Facilitator on "NMDA Receptor Sensitivity to Chronic Ethanol").
- 1995 Addiction Research Conference, "Neurobehavioral Contributions to Addiction Therapy," Austin, Texas (Symposium Speaker).
- 1995 International Medical Advisory Group Conference, Sydney, Australia (Delegate

for the Alcoholic Beverage Medical Research Foundation).

- 1995 Department of Neuroscience, School of Medicine, University of Florida, Gainesville, Florida (Invited seminar speaker).
- 1995 Department of Physiology and Pharmacology, Bowman Gray Medical School, Wake Forest University, Winston-Salem, North Carolina (Invited seminar speaker).
- 1995 Department of Pharmacology, School of Medicine, Texas Tech University, Lubbock, Texas (Invited seminar speaker).
- 1996 International Medical Advisory Group Conference, Tucson, Arizona (Invited symposium speaker).
- 1996 Department of Psychiatry, University of Texas Health Sciences Center at San Antonio, San Antonio, Texas (Invited seminar speaker).
- 1997 Research Society on Alcoholism meeting, San Francisco, California (Invited symposium speaker).
- 1997 Neuroscience Program, School of Medicine and College of Pharmacy, University of Cincinnati, Cincinnati, Ohio (Invited seminar speaker).
- 1998 The Ex-Students' Association, The University of Texas at Austin, UPDATE '98 (Invited speaker - "Alcohol: The Good, The Bad, and The Ugly").
- 1999 University of Houston College of Pharmacy, Houston, TX (Invited seminar speaker - "Prenatal ethanol exposure and NMDA receptor function").
- 2002 American Association of Colleges of Pharmacy Annual Meeting, Kansas City, Missouri. "Academic Leadership Development at The University of Texas College of Pharmacy" (poster presentation).
- 2003 Texas Association of Advisors for the Health Professions, 34th Annual Conference, Austin Texas. (Invited Deans' Panelist - "The Past, Present and Future of Pharmacy.")

Publications:

1. S.W. Leslie, J.L. Borowitz and T.S. Miya, "Adenosine analogs: Structure-activity relationships in vascular and intestinal smooth muscle." *J. Pharmaceut. Sci.* 62, 1449-1452, 1973.

2. S.W. Leslie and J.L. Borowitz, "Evidence for a plasma membrane calcium pump in bovine adrenal medulla but not adrenal cortex." *Biochem. Biophys. Acta* 394, 227-238, 1975.
3. S.W. Leslie and J.L. Borowitz, "Inhibition of the adrenal chromaffin cell membrane calcium pump by caffeine and various divalent cations." *Res. Commun. Chem. Path. Pharmacol.* 11, 413-424, 1975.
4. R.V. Smith, P.W. Erhardt and S.W. Leslie, "Microsomal O-Demethylation, N-Demethylation and aromatic hydroxylation in the presence of bisulfite and dithiothreitol." *Res. Commun. Chem. Path. Pharmacol.* 12, 181-184, 1975.
5. J.L. Borowitz, L.E. Baugh and S.W. Leslie, "Adrenal catecholamine release: Possible termination mechanisms." In Calcium Transport in Contraction and Secretion, E. Carafoli et al., eds., North-Holland Publishing Company, pp. 227-234, 1975.
6. J.L. Borowitz, L.E. Baugh and S.W. Leslie, "Contrasting mechanisms of adrenal catecholamine release by acetylcholine and high potassium." *Res. Commun. Chem. Path. Pharmacol.* 14, 407-420, 1976.
7. H.W. Bonner, S.W. Leslie, A.B. Combs and C.A. Tate, "Effects of exercise training and exhaustion on ⁴⁵Ca uptake by rat skeletal muscle mitochondrial and sarcoplasmic reticulum." *Res. Commun. Chem. Path. Pharmacol.* 14, 767-770, 1976.
8. J.P. Rosazza, M. Kammer, L. Youel, R.V. Smith, P.W. Erhardt, D.H. Truong and S.W. Leslie, "Microbial models of mammalian metabolism: O-Demethylation of papaverine." *Xenobiotica* 7, 133-143, 1977.
9. S.C. Gad, S.W. Leslie, R.G. Brown and R.V. Smith, "Inhibitory effects of dithiothreitol and sodium bisulfite on isolated rat ileum and atrium." *Life Sci.* 20, 657-664, 1977.
10. H.W. Bonner, C.K. Buffington and S.W. Leslie, "Influence of exercise training and exhaustion on Ca⁺⁺ content of skeletal muscle mitochondria and fragmented sarcoplasmic reticulum." *Res. Commun. Chem. Path. and Pharmacol.* 18, 737-751, 1977.
11. S.W. Leslie, S.V. Elrod and H.W. Bonner, "Effects of chlorpromazine and DL-amphetamine on calcium uptake by adrenal chromaffin cell membrane." *Biochem. Pharmacol.* 27, 114-116, 1978.
12. C.A. Tate, H.W. Bonner and S.W. Leslie, "Calcium uptake in skeletal muscle mitochondria I: The effects of chelating agents on the mitochondria from fatigued rats." *Eur. J. Appl. Physiol.* 39, 111-116, 1978.
13. C.A. Tate, H.W. Bonner and S.W. Leslie, "Calcium uptake in skeletal muscle mitochondria II. The effects of long-term chronic and acute exercise." *Europ. J. Appl. Physiol.* 39, 117-122, 1978.

14. S.W. Leslie, S.C. Gad and D. Acosta, "Cytotoxicity of butylated hydroxyanisole in cultured heart cells." *Toxicology* 10, 281-289, 1978.
15. S.C. Gad, S.W. Leslie and D. Acosta, "Inhibitory actions of butylated hydroxytoluene (BHT) on isolated ileal, atrial and perfused heart preparations." *Toxicol. Applied Pharmacol.* 49, 45-52, 1979.
16. M.G. Ondrusek, J.K. Belknap and S.W. Leslie, "Effects of acute and chronic barbiturate administration on synaptosomal calcium accumulation." *Mol. Pharmacol.* 15, 386-395, 1979.
17. S.W. Leslie, S.V. Elrod, R. Coleman and J.K. Belknap, "Tolerance to barbiturate and chlorpromazine-induced central nervous system sedation: Involvement of calcium-mediated stimulus-secretion coupling." *Biochem. Pharmacol.* 28, 1437-1440, 1979.
18. M.B. Friedman, R. Coleman and S.W. Leslie, "Barbiturate depression of calcium-mediated stimulus-secretion coupling in synaptosomes: A species and strain comparison." *Life Sciences* 25, 735-738, 1979.
19. M.B. Friedman, C.K. Erickson and S.W. Leslie, "Effects of acute and chronic ethanol administration on whole mouse brain synaptosomal calcium influx." *Biochem. Pharmacol.* 29, 1903-1908, 1980.
20. S.W. Leslie, M.B. Friedman, R.E. Wilcox and S.V. Elrod, "Acute and chronic effects of barbiturates on depolarization-induced calcium influx into rat synaptosomes." *Brain Res.* 185, 409-417, 1980.
21. S.V. Elrod and S.W. Leslie, "Acute and chronic effects of barbiturates on depolarization-induced calcium influx into synaptosomes from rat brain regions." *J. Pharmacol. Exp. Ther.* 212, 131-136, 1980.
22. S.W. Leslie, M.B. Friedman and R.R. Coleman, "Effects of chlordiazepoxide on depolarization-induced calcium influx into synaptosomes." *Biochem. Pharmacol.* 39, 2439-2443, 1980.
23. A.Y. Chweh and S.W. Leslie, "Effects of acute and chronic administration of ethanol on rat brain arylsulphatase A and B." *Life Sciences* 27, 1777-1782, 1980.
24. A.Y. Chweh and S.W. Leslie, "Enhancement of $^{45}\text{Ca}^{++}$ binding to acidic lipids by barbiturates, diphenylhydantoin, and ethanol." *J. Neurochem.* 36, 1865-1867, 1981.
25. A.Y. Chweh and S.W. Leslie, "Acute and chronic effects of barbiturates and ethanol on phospholipid and sulfatide content of rat brain regions." *Biochem. Pharmacol.* 30, 1374-1378, 1981.
26. A.B. Combs, D.T. Faria, S.W. Leslie and H.W. Bonner, "Effect of coenzyme Q₁₀ on adriamycin induced changes in myocardial calcium." In *Biomedical and Clinical Aspects of*

Coenzyme Q, Vol. 3, K. Folkers and Y. Yamamura, eds., Elsevier/North Holland, pp. 137-144, 1981.

27. A.Y. Chweh and S.W. Leslie, "Phosphatidylserine enhancement of ^3H -GABA uptake by rat whole brain synaptosomes." *J. Neurochem.* 38, 691-695, 1982.

28. S.W. Leslie, J. McCormick, R. Gonzales and M.B. Friedman, "Lack of morphine effect on potassium-stimulated calcium uptake by whole brain synaptosomes." *Biochem. Pharmacol.* 31, 2697-2698, 1982.

29. A.Y. Chweh and S.W. Leslie, "Enhancement by sulfatide of Na^+ -independent ^3H -GABA binding in mouse brain." *Biochem. Biophys. Res. Comm.* 112, 827-832, 1983.

30. R.A. Harris, D. Fenner and S.W. Leslie, "Calcium uptake by isolated nerve endings: Evidence for a rapid component mediated by the breakdown of phosphatidylinositol phosphatidic acid." *Life Sci.* 32, 2661-2666, 1983.

31. S.W. Leslie, E. Barr, J. Chandler and R.P. Farrar, "Inhibition of fast- and slow-phase depolarization-dependent synaptosomal calcium uptake by ethanol." *J. Pharmacol. Exp. Ther.* 225, 571-575, 1983.

32. L.C. Daniell, E.M. Barr and S.W. Leslie, " $^{45}\text{Ca}^{2+}$ uptake into rat whole brain synaptosomes unaltered by dihydropyridine calcium antagonists." *J. Neurochem.* 41, 1455-1459, 1983.

33. S.W. Leslie, E. M. Barr and L.J. Chandler, "Comparison of voltage-dependent $^{45}\text{Ca}^{++}$ uptake rates by synaptosomes isolated from rat brain regions." *J. Neurochem.* 41, 1602-1605, 1983.

34. S.W. Leslie, E.M. Barr, L.J. Chandler and L.C. Daniell, "Sedative-hypnotic drugs and synaptosomal calcium transport." In Calcium in Biological Systems, R. Rubin, J. Putney, G. Weiss, eds., Plenum Press, pp. 221-226, 1985.

35. S.W. Leslie, J.J. Woodward and R.E. Wilcox, "Correlation of rates of calcium entry and endogenous dopamine release in mouse striatal synaptosomes." *Brain Res.* 325, 99-105, 1985.

36. S.W. Leslie, L.J. Chandler, E.M. Barr and R.P. Farrar, "Reduced calcium uptake by rat brain mitochondria and synaptosomes in response to aging." *Brain Res.* 329, 177-183, 1985.

37. R.A. Gonzales and S.W. Leslie, " ^3H -Adenosine uptake and release from synaptosomes: Alterations by barbiturates." *Biochem. Pharmacol.* 34, 1619-1625, 1985.

38. E. Barr, L.C. Daniell and S.W. Leslie, "Adenosine and 2-chloroadenosine do not alter calcium uptake by whole brain synaptosomes." *Biochem. Pharmacol.* 34, 713-715, 1985.

39. E. Barr and S.W. Leslie, "Opioid peptides increase calcium uptake by synaptosomes from brain regions." *Brain Res.* 329, 280-284, 1985.

40. L.C. Daniell and S.W. Leslie, "Correlation of rates of calcium entry and release of endogenous norepinephrine in rat brain synaptosomes." *J. Neurochem.* 46, 249-256, 1986.
41. S.W. Leslie, J.J. Woodward, R.E. Wilcox and R.P. Farrar, "Chronic ethanol treatment uncouples striatal calcium entry and endogenous dopamine release." *Brain Res.* 368, 174-177, 1986.
42. J.J. Woodward and S.W. Leslie, "BAY K 8644 stimulation of calcium entry and endogenous dopamine release in rat striatal synaptosomes antagonized by nimodipine." *Brain Res.* 370, 397-400, 1986.
43. L.C. Daniell and S.W. Leslie, "Inhibition of fast phase calcium uptake and endogenous norepinephrine release in rat brain region synaptosomes by ethanol." *Brain Res.* 377, 18-28, 1986.
44. S.W. Leslie, L.J. Chandler, A.Y. Chweh and E.A. Swinyard, "Correlation of the hypnotic potency of benzodiazepines with inhibition of voltage-dependent calcium uptake into mouse brain synaptosomes." *Eur. J. Pharmacol.* 126, 129-134, 1986.
45. L.J. Chandler, S.W. Leslie and R. Gonzales, "5-(2-cyclohexylideneethyl)-5-ethyl barbituric acid (CHEB): Correlation of hypnotic and convulsant properties with alterations of synaptosomal $^{45}\text{Ca}^{2+}$ influx." *Eur. J. Pharmacol.* 126, 117-123, 1986.
46. S.W. Leslie, "Sedative-hypnotic drugs: Interactions with calcium channels." *Alcohol and Drug Res.* 6, 371-377, 1986.
47. J.J. Woodward, L.J. Chandler and S.W. Leslie, "Enhanced synaptosomal calcium entry and endogenous dopamine release by the isomers of two dihydropyridine calcium channel agonists." *Proc. Western Pharmacol. Soc.* 29, 275-278, 1986.
48. J.J. Woodward, R.E. Wilcox, S.W. Leslie and W.H. Riffée, "Dopamine uptake during fast-phase endogenous dopamine release from mouse striatal synaptosomes." *Neurosci. Lett.* 71, 106-112, 1986.
49. S.W. Leslie, "Calcium channels: Interactions with ethanol and other sedative-hypnotic drugs." In *Recent Developments in Alcoholism*, Vol. 5, Marc Galanter, Ed., Plenum Publishing Corporation, pp. 289-302, 1987.
50. S.W. Leslie, "Comments on review by Gibson and Peterson 'Calcium and the aging nervous system.'" *Neurobiol. Aging* 8, 350-352, 1987.
51. J.J. Woodward, S.M. Rezazadeh and S.W. Leslie, "Differential sensitivity of synaptosomal calcium entry and endogenous dopamine release to omega-conotoxin." *Brain Res.* 475, 141-145, 1988.

52. J.J. Woodward, M.E. Cook and S.W. Leslie, "Characterization of dihydropyridine-sensitive calcium channels in brain synaptosomes." *Proc. Natl. Acad. Sci.* 85, 7389-7393, 1988.
53. J.J. Woodward, L.J. Chandler and S.W. Leslie, " Calcium-dependent and independent release of endogenous dopamine release from rat striatal synaptosomes." *Brain Res.* 473, 91-98, 1988.
54. B.D. Winegar, G.D. Bittner and S.W. Leslie, "Effects of pentobarbital on behavioral and synaptic plasticities in crayfish." *Brain Res.* 475, 21-27, 1988.
55. A.A. Welder, T. Machu, S.W. Leslie, R.E. Wilcox, J. Bradlaw and D. Acosta, "Beta-adrenergic receptor characteristics of postnatal rat myocardial cell preparations." *In Vitro Cell. Dev. Biol.* 24, 771-777, 1988.
56. J.J. Woodward, S.W. Leslie, J.A. Severson and R.E. Wilcox, "Aging does not alter the voltage-dependent release of endogenous dopamine release from mouse striatal synaptosomes." *Neurosci. Lett.* 97, 191-197, 1989.
57. L.J. Chandler and S.W. Leslie, "Protein kinase C activation enhances K⁺-stimulated endogenous dopamine release from rat striatal synaptosomes in the absence of an increase in cytosolic Ca²⁺." *J. Neurochem.* 52, 1905-1912, 1989.
58. R.P. Farrar, S.M. Rezazadeh, J.L. Morris, J. E. Dildy, K. Gnau and S.W. Leslie, "Aging does not alter cytosolic calcium levels of cortical synaptosomes in Fischer 344 rats." *Neurosci. Lett.* 100, 319-325, 1989.
59. S.M. Rezazadeh, J.J. Woodward and S.W. Leslie, "Fura-2 measurement of cytosolic free calcium in rat brain cortical synaptosomes and the influence of ethanol." *Alcohol* 6, 341-345, 1989.
60. J.E. Dildy and S.W. Leslie, "Ethanol inhibits NMDA-induced increases in free intracellular Ca⁺⁺ in dissociated brain cells." *Brain Res.* 499, 383-387, 1989.
61. T. Machu, J.J. Woodward and S.W. Leslie, "Ethanol and inositol 1,4,5-trisphosphate mobilize calcium from rat brain microsomes." *Alcohol* 6, 431-436, 1989.
62. R.P. Farrar, C. Seibert, K. Gnau and S.W. Leslie, "Development of tolerance in brain mitochondria for calcium uptake following ethanol ingestion." *Brain Res.* 500, 374-378, 1989.
63. S.W. Leslie, L.M. Brown, J.E. Dildy and J.S. Sims, "Ethanol and calcium channels." *Alcohol* 7, 233-236, 1990.
64. D.A. Vaughn, J.A. Severson, J.J. Woodward, P.K. Randall, W.H. Riffée, S.W. Leslie and R.E. Wilcox, "Behavioral sensitization following subchronic apomorphine treatment - possible neurochemical basis." *Brain Res.* 526, 37-44, 1990.
65. J.J. Woodward, T. Machu and S.W. Leslie, "Chronic ethanol treatment alters ω-conotoxin and BAY K 8644 sensitive calcium channels in rat striatal synaptosomes." *Alcohol* 7, 279-284, 1990.

66. J.E. Dildy-Mayfield and S.W. Leslie, "Mechanism of inhibition of N-methyl-d-aspartate-stimulated increases in free intracellular calcium by ethanol." Proc. 19th International Medical Advisory Conference, pp. 93-104, 1990.
67. R.A. Gonzales, L.M. Brown, T.W. Jones, R.D. Trent, S.L. Westbrook and S.W. Leslie, "N-methyl-D-aspartate mediated responses decrease with age in Fischer 344 rat brain." Neurobiol. Aging 12, 219-225, 1991.
68. L.M. Brown, S.W. Leslie and R.A. Gonzales, "The effects of chronic ethanol exposure on N-methyl-d-aspartate-stimulated overflow of [³H]catecholamines from rat brain." Brain Res. 547, 289-294, 1991.
69. J.E. Dildy-Mayfield and S.W. Leslie, "Mechanism of inhibition of N-methyl-d-aspartate-stimulated increases in free intracellular Ca²⁺ concentration by ethanol." J. Neurochem., 56, 1536-1543, 1991.
70. J.E. Dildy-Mayfield, T. Machu and S.W. Leslie, "Ethanol and voltage- or receptor-mediated increases in cytosolic Ca²⁺ in brain cells." Alcohol 9, 63-69, 1991.
71. S.W. Leslie, L.M. Brown, R.D. Trent, Y.-H. Lee, J.L. Morris, T.W. Jones, P.K. Randall, S.S. Lau and T.J. Monks, "Stimulation of NMDA-receptor mediated calcium entry into dissociated neurons by reduced and oxidized glutathione." Mol. Pharmacol. 41, 308-314, 1992.
72. L.M. Brown, R.D. Trent, T.W. Jones, R.A. Gonzales and S.W. Leslie, "Alcohol inhibition of NMDA stimulated catecholamine efflux in aging brain." Alcohol 9, 555-558, 1992.
73. M.S. Weaver, Y.-H. Lee, J.L. Morris, P.K. Randall, T. Schallert and S.W. Leslie, "Effects of in vitro ethanol and fetal ethanol exposure on glutathione stimulation of NMDA receptor function." Alcoholism: Clin. Exp. Res. 17, 643-650, 1993.
74. L.M. Brown, J.S. Sims, P. Randall, R.E. Wilcox and S.W. Leslie, "ω-Conotoxin increases sleep time following ethanol injection." Alcohol 10, 159-162, 1993.
75. S.W. Leslie and M.S. Weaver, "Sensitivity of NMDA receptors to acute and in utero ethanol exposure." In Alcohol, Cell Membranes, and Signal Transduction in Brain, C. Alling, et al., Eds., Plenum Press, New York, pp. 97-106, 1993.
76. Y.-H. Lee, K. Spuhler-Phillips, P.K. Randall and S.W. Leslie, "Effects of prenatal ethanol exposure on NMDA-mediated calcium entry into dissociated neurons." J. Pharmacol. Exp. Ther. 271, 1291-1298, 1994.
77. S.W. Leslie, "The effects of alcohol on voltage-dependent calcium channel function and intracellular calcium metabolism." In The Pharmacology of Alcohol Abuse, Handbook of Experimental Pharmacology, H.R. Kranzler, Ed., pp. 55-73, 1995.
78. K. Spuhler-Phillips, J. Gonzalez, P.K. Randall and S.W. Leslie, "Alteration of [³H] MK-801 binding associated with the NMDA receptor complex by acute ethanol in rat cortex and hippocampus in vitro." Alcoholism: Clin. Exp. Res. 19, 305-313, 1995.
79. J.M. Morris and S.W. Leslie, "Glutamate and cysteinylglycine effects on NMDA receptors: Inhibition by ethanol." Alcohol 13, 157-162, 1996.

80. L.A. Randoll, W.R. Wilson, M.S. Weaver, K. Spuhler-Phillips and S.W. Leslie, "N-methyl-d-aspartate-stimulated increases in intracellular calcium exhibit brain regional differences in sensitivity to inhibition by ethanol." *Alcoholism: Clin. Exp. Res.* 20, 197-200, 1996.
81. T.W. Jones, K. Spuhler-Phillips, W. Wilson and S.W. Leslie, "D,L-(Tetrazol-5-yl)glycine stimulation of NMDA-receptors in neonatal dissociated neurons: Inhibition by ethanol." *Alcohol* 13, 181-185, 1996.
82. Y.-H. Lee, K. Spuhler-Phillips, P.K. Randall and S.W. Leslie, "Effects of prenatal ethanol exposure on voltage-dependent calcium entry into neonatal whole brain dissociated neurons." *Alcoholism: Clin. Exp. Res.* 20, 921-928, 1996.
83. K. Spuhler-Phillips, Y.-H. Lee, P. Hughes, L. Randoll and S.W. Leslie, "Effects of prenatal ethanol exposure on brain region NMDA-mediated increase in intracellular calcium and the NMDAR1 subunit in forebrain." *Alcoholism: Clin. Exp. Res.* 21, 68-75, 1997.
84. R. Robichon, P.K. Randall and S.W. Leslie, "A partial agonist model used in the allosteric modulation of the NMDA receptor." *Eur. J. Pharmacol.* 328, 255-263, 1997.
85. J.L. Diaz-Granados, K. Spuhler-Phillips, M.W. Lilliquist, A. Amsel and S.W. Leslie, "The effects of prenatal and/or early postnatal ethanol exposure on [³H]MK-801 binding in rat cortex and hippocampus." *Alcoholism: Clin. Exp. Res.* 21, 874-881, 1997.
86. W.R. Wilson, K.S. Phillips and S.W. Leslie, "Ethanol and glutamate effects on intracellular magnesium." *Alcohol* 14, 533-536, 1997.
87. S.W. Leslie, "Effects of ethanol on excitatory brain systems: NMDA and non-NMDA glutamate receptors." *Proceedings of the 25th International Medical Advisory Conference*, pp. 25-29, 1997.
88. P.D. Hughes, Y.-N. Kim, P.K. Randall and S.W. Leslie, "Effect of prenatal ethanol exposure on the developmental profile of the NMDA receptor subunits in rat forebrain and hippocampus." *Alcoholism: Clin. Exp. Res.* 22:1255-1261, 1998.
89. G.K. Acquah-Mensah, S.W. Leslie and J.P. Kehrer, "Acute exposure of cerebellar granule neurons to ethanol suppresses stress-activated protein kinase-1 and concomitantly induces AP-1." *Toxicol. Appl. Pharmacol.* 175, 10-18, 2001.
90. P.D. Hughes, W.R. Wilson and S.W. Leslie, "Gestational ethanol exposure on the NMDA receptor complex in rat forebrain: From gene transcription to cell surface." *Dev. Brain Res.* 129, 135-145, 2001.
91. G.K. Acquah-Mensah, J.P. Kehrer and S.W. Leslie, "*In Utero* ethanol suppresses cerebellar AP-1 and NF- κ B transcriptional activation in a rat fetal alcohol syndrome model." *J. Pharmacol Exp. Ther.* 301, 277-283, 2002.
92. R.E. Maldve, T.A. Zhang, K. Ferrani-Kile, S.S. Schreiber, M.J. Lippmann, G.L. Snyder, A.A. Fienberg, S.W. Leslie, R.A. Gonzales and R.A. Morrisett, "DARPP-32 and regulation of the ethanol sensitivity of NMDA receptors in the nucleus accumbens." *Nature Neuroscience* 5, 641-648, 2002.

93. D.M. Brownson, T.J. Mabry and S.W. Leslie, "The cycad neurotoxic amino acid, β -N-methylamino-L-alanine (BMAA), elevates intracellular calcium levels in dissociated rat brain cells." *J Ethnopharmacol.* 82, 159-167, 2002.
94. K. Nixon, P.D. Hughes, A. Amsel and S.W. Leslie, "NMDA receptor subunit expression following early postnatal exposure to ethanol." *Dev. Brain Research* 139, 295-299, 2002.
95. Y. Honse, P.K. Randall and S.W. Leslie, "Prenatal ethanol exposure modifies (^3H)MK-801 binding to NMDA receptors: Spermidine and ifenprodil." *Alcoholism: Clin. Exp. Res.*, 27, 1993-2001, 2003.
96. Y. Honse, K.M. Nixon, M.D. Browning and S.W. Leslie, "Cell surface expression of NR1 splice variants and NR2 subunits is modified by prenatal ethanol exposure." *Neuroscience* 122, 689-698, 2003.
97. K. Ferrani-Kile, P.K. Randall and S.W. Leslie, "Acute ethanol affects phosphorylation state of the NMDA receptor complex: Implication of tyrosine phosphatases and protein kinase A." *Mol. Brain Research* 115, 78-86, 2003.
98. K. Nixon, P.D. Hughes, A. Amsel and S.W. Leslie, "NMDA receptor subunit expression after combined prenatal and postnatal exposure to ethanol." *Alcoholism: Clin. Exp. Res.*, 28, 105-112, 2004.
99. K. Ferrani-Kile and S.W. Leslie, " Modulation of protein tyrosine phosphatase activity alters the subunit assembly in native N-Methyl-D-Aspartate receptor complex." *JPET* 314, 86-93, 2005.

013007