

CURRICULUM VITAE

12/2008

JENKINS, WILLIAM L.

**PRESIDENT EMERITUS
LOUISIANA STATE UNIVERSITY SYSTEM**

BIRTHDATE AND BIRTHPLACE: January 29, 1937
Johannesburg, South Africa

CITIZENSHIP: U.S.A. (Naturalization May 4, 1984 -
Certificate No. 11791199)

MARITAL STATUS: Married, June 10, 1961

Wife: Margaret Mary Jenkins
September 6, 1938

Children: Sharon, May 23, 1962
Gwynn, April 20, 1964
Anthea, May 25, 1966
Warren, March 6, 1970

EDUCATION:

Parktown Boys High School, Johannesburg, South Africa. Matriculated in 1953.
BVSc (=DVM), University of Pretoria, South Africa, 1958.
MMedVet, Pharmacology and Toxicology, University of Pretoria, South Africa, 1968.
PhD, Pharmacology, University of Missouri, 1970.
DVSc (Honorary), University of Pretoria, South Africa, 2000.

CAREER APPOINTMENTS AND ADMINISTRATIVE EXPERIENCE:

Assistant in a mixed private practice, Krugersdorp, Transvaal, 1959-1961.
Assistant in a mixed private practice, Pietermaritzburg, Natal, 1962.
Lecturer, Department of Medicine, Faculty of Veterinary Science, University of Pretoria,
1963.
Senior Lecturer, Department of Medicine, Faculty of Veterinary Science, University of
Pretoria, 1964-1966.
Graduate Assistant, Section of Comparative Pharmacology, Department of Physiology and
Pharmacology, College of Veterinary Medicine, University of Missouri, 1966-1967.

Research Associate, Section of Comparative Pharmacology, Department of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, University of Missouri, 1968-1969.

Senior Lecturer, Department of Medicine, Faculty of Veterinary Science, University of Pretoria, 1969-1971.

Professor and Head, Department of Physiology, Pharmacology and Toxicology, Faculty of Veterinary Science, University of Pretoria, 1971-1975.

Visiting Professor, Department of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, Texas A&M University, 1975-1976.

Professor and Head, Department of Physiology, Pharmacology and Toxicology, Faculty of Veterinary Science, University of Pretoria, 1976-1978.

Professor, Department of Veterinary Physiology and Pharmacology, College of Veterinary Medicine, Texas A&M University, 1978-1988.

Dean, School of Veterinary Medicine, Louisiana State University and A&M College, 1988-1993.

Interim Vice-Chancellor for Academic Affairs and Provost, Louisiana State University and A&M College, 1993-1994.

Vice-Chancellor for Academic Affairs and Provost, Louisiana State University and A&M College, 1994-1996.

Chancellor, Louisiana State University and A&M College, 1996-1999.

President, Louisiana State University System, 1999-2007.

President Emeritus, Louisiana State University System, 2007-present.

Acting Chancellor, Louisiana State University and A&M College, February-September 2008.

SPECIALTY BOARDS:

American College of Veterinary Clinical Pharmacology (Charter Diplomat)

PROFESSIONAL ORGANIZATIONS AND OFFICES HELD:

(including committee activities and dates)

American Veterinary Medical Association, 1978-1998

American Academy of Veterinary Pharmacology and Therapeutics, 1978-present (Fellow, Council Member 1981-1983, President-elect 1983-1985, President 1985-1987)

American College of Veterinary Clinical Pharmacology, Board of Regents, 1990-1993 (Vice-President, 1990-1993 (Emeritus Status)

South African Veterinary Association, 1969-1998 (Council Member 1972-1974, 1976-1978, Vice-President 1974-1975 (Emeritus Status)

PREVIOUS ACTIVE MEMBER OF:

World Association of Veterinary Physiologists, Pharmacologists and Biochemists

International Association of Forensic Toxicologists

American Academy of Veterinary Nutrition

Veterinary Emergency and Critical Care Society

Royal College of Veterinary Surgeons
Texas Veterinary Medical Association
Louisiana Veterinary Medical Association
Baton Rouge Veterinary Medical Association
American Society of Veterinary Physiologists and Pharmacologists
American Academy of Veterinary and Comparative Toxicology
Association of American Veterinary Colleges, Council of Educators
Society of College and University Planning

PREVIOUS INSTITUTIONAL MEMBERSHIPS:

National Association of State Universities & Land Grant Colleges
American Council on Education
Association of Governing Boards
Public Affairs Research Council of Louisiana
American Association of University Administrators
American Association of Higher Education
Southern Association of Colleges and Schools
Council for a Better Louisiana
Baton Rouge Area Chamber

HONOR SOCIETIES, AWARDS, SPECIAL RECOGNITIONS:

Gamma Sigma Delta Honor Society
Phi Zeta Honor Society
Sigma Xi Honor Society
Phi Sigma Honor Society
Omicron Delta Kappa Honor Society
Golden Key Honor Society
Phi Kappa Phi Honor Society
ICI Clinical Prize (1958)
Theiler Medal (1958)
B.P. Post-graduate Scholarship in Agriculture (1966)
Agricura Post-graduate Bursary (1966)
Honorary Citizen of Tennessee (1967)
Fellow of the Morris Animal Foundation (1967)
New York Academy of Sciences (1969-1972)
Ernest Oppenheimer Memorial Trust's University Traveling Fellowship (1975)
Boehringer Ingelheim Fellowship (1975)
Medical Research Council Overseas Bursary (1975)
Visiting Professor at University of Cape Town Medical School (1977)
American Men and Women of Science (1979)
Norden Award for Distinguished Teaching in Veterinary Medicine (1981 and 1987)
Visiting Professor at University of Saskatchewan (1982)

Association of Former Students of Texas A&M University College-Level Distinguished Teaching Award (1982)
 Texas Veterinary Medical Association Faculty Achievement Award for Teaching (1983)
 Visiting Professor at University of Pretoria, Faculty of Veterinary Science (1983)
 MSC Charles W. Plum Non-Student Distinguished Service Award (1984)
 Dictionary of International Biography (1985)
 Association of Former Students of Texas A&M University, University-Level Distinguished Teaching Award (1985)
 John H. Milliff Endowed Veterinary Faculty Award (1987)
 Minnie Stevens Piper Foundation Professor (1987)
 Who's Who in Veterinary Science and Medicine (1987)
 Theiler Memorial Lecture, University of Pretoria (1995)
 LSU Kiwanis Club Leadership Award (1996)
 Communicator of the Year Award, Public Relations Association of Louisiana, (1997)
 Faculty/Alumni Award, University of Missouri, Columbia (1999)
 Communication and Leadership Award, Toastmasters International (1999)
 Vision of Excellence Award, New Orleans Regional Chamber of Commerce and MetroVision (2000)
 Hall of Distinction Inductee, LSU Tiger Athletic Foundation (2003)
 Quality of Life Award, Baton Rouge Growth Coalition (2006)
 LSU Neurosciences Center Sixth Annual Dinner Honoree (2006)
 South African Equine Veterinary Practitioners Award (2008)
 Sunshine Foundation Award for Contributions to Education (2008)

UNIVERSITY COMMITTEES:

Faculty Board (Executive Committee), Faculty of Veterinary Science, University of Pretoria, 1971-1978
 Executive Committee, Faculty of Veterinary Science, University of Pretoria - Member, 1971-1978
 Research Committee, Faculty of Veterinary Science, University of Pretoria - Member, 1971-1978
 Budget Committee, Faculty of Veterinary Science, University of Pretoria - Member, 1971-1978
 Planning Committee, Faculty of Veterinary Science, University of Pretoria - Member, 1971-1978
 Curriculum Committee, College of Veterinary Medicine, Texas A&M University - Member, 1978-1988, Chairman, 1979-1988
 University Curriculum Committee, Texas A&M University, 1980-1988
 Departmental Tenure and Promotion Advisory Committee, Texas A&M University, 1983-1988
 Committee on Teaching Excellence, College of Veterinary Medicine, Texas A&M University, 1983
 Subcommittee for Program Priorities, Texas A&M University (University Planning Committee), 1983-1988

Emergency Animal Disease Task Force, Texas A&M University 1983-1988
 University Center for Teaching Excellence, Texas A&M University, 1983-1988
 Faculty Senate, Texas A&M University, 1983-1985 (Transition Committee, 1983; Committee on Committees, 1983-1985; Committee on Academic Affairs, 1983-1985; Subcommittee on Interdisciplinary Programs, Co-Chairman, 1984-1985; Committee on University/System Interrelationships, 1984-1986)
 TAES Ad Hoc Committee on Policy and Procedures for Farm Animal Welfare, 1985 (Chairman)
 Athletic Council, Texas A&M University, 1987-1988
 Executive Dean's Committee, Louisiana State University, 1988-1989
 Council of Academic Deans and Directors, Louisiana State University, 1988-1996, Chairman 1993 -1996
 Committee on Academic Matters - Chair, Council of Academic Deans and Directors, Louisiana State University, 1989-1992
 Graduate Council - Full Member 1990-1996
 Selection Advisory Committee for Associate Vice Chancellor for Research and Economic Development, Louisiana State University - Chairman, 1991
 Search Committee, Executive Director of Development, Louisiana State University, 1992
 Strategic Planning Committee, Louisiana State University, 1989- 1996, Chairman 1994 - 1996
 Interinstitutional Council with Southern University, Co-chairman 1993 - 1996
Ex Officio member of a number of University and System committees (both ad hoc as well as standing committees) at Louisiana State University, 1988 – 2007

EXTERNAL COMMITTEES, COUNCILS AND CONSULTATIVE EXPERIENCE:

South African Atomic Energy Board, 1973-1978
 South African Bureau of Standards, 1972-1978
 Jockey Club of South Africa, 1971-1978
 Efficacy Subcommittee of the Medicines Control Council-Member, 1975-1978
 Scheduling Subcommittee of the Medicines Control Council-Member, 1975-1978
 Subcommittee for Radiation Applications in Agriculture of the South African Atomic Energy Board - Member, 1975-1978
 Subcommittee on Veterinary Education, World Veterinary Association - Member, 1978-1980
 Several Veterinary Pharmaceutical Companies, 1972-1988
 Collaborator - research. USDA Toxicology and Entomology Research Laboratories, College Station, Texas, 1982-1988
 Veterinary Medicine Advisory Committee of the Food and Drug Administration 1984-1988, Vice-chairman, 1985-1988
 Council on Biological Therapeutic Agents, AVMA, 1987-1989
 International Committee on Organization and Policy, National Association of State Universities and Land-Grant Colleges, 1989-1996
 Commission on Veterinary Medicine, National Association of State Universities and Land-Grant Colleges, 1990-1994

Executive Committee of the American Association of Veterinary Medical Colleges, 1990-1992
Panel on Animal Health and Veterinary Medicine, National Research Council's Board on Agriculture and Institute of Medicine's Food and Nutrition Board, 1992-1994
Subcommittee of National Research Council Panel on Animal Health and Veterinary Medicine, Drug Use in Food Animals: Benefits and Risks, 1993-1995
Animal Shelter Standards Advisory Board, Louisiana Department of Agriculture and Forestry, Chairman, 1992-1993
SACS Reaffirmation Committee, University of Florida, Gainesville, 1993
Higher Education Sub-Committee of the Education Committee, Governor's Telecommunication Task Force, State of Louisiana, 1994
SACS Reaffirmation Committee, North Carolina State University, Raleigh, 1994
Board of Trustees, Our Lady of the Lake College of Nursing and Allied Health, 1994-2000
Committee on Research and Graduate Education, Council on Academic Affairs, National Association of State Universities and Land-Grant Colleges, 1996
Higher Education Grants Coordinating Council, State of Louisiana, 1996
National Institute of Health's Alcohol Abuse and Misuse on College Campuses Committee, 1998-2002
Steering Committee of the Southern Association of Colleges and Schools to review accreditation criteria for Colleges and Universities, 1998-2001
Louisiana Task Force on Formula Funding, 1999
Louisiana Blue Ribbon Commission on Teacher Quality, 1999-2001
Compensation Review Commission, State of Louisiana, 2000-present
SACS Reaffirmation Committee, University of Georgia, Chairman, 2000-2001
Louisiana Task Force on Postsecondary Education Master Planning, Louisiana Board of Regents, 2000-2001
Louisiana Stroke Treatment Task Force, 2001-present
Committee on Food and Society, National Association of State Universities and Land Grant Colleges, 2001-present
Governor's Committee on the Future of Coastal Louisiana, 2001-2008
Governor's Department of Health and Hospitals Transition Advisory Committee, 2004
Board of Regents, Our Lady of Holy Cross College, 2007-present

FIELDS OF SPECIALIZATION:

Veterinary Pharmacology and Therapeutics
Veterinary Clinical Physiology
Ruminant Physiology and Pharmacology
Veterinary Education
Higher Education - undergraduate, graduate, and professional

STUDENT ADVISING AND COUNSELING EXPERIENCE:

Frequent counseling encounters with professional and graduate students at the University of Pretoria, Texas A&M University and Louisiana State University.
 Faculty sponsor for Student Chapter of AVMA at Texas A&M University, 1980-1982.
 Mentor Program, Texas A&M University, 1980-1988.
 Faculty Advisor to the Memorial Student Center Council, Texas A&M University, 1983-1985 (MSC Program Study Committee, MSC Nominating Committee, MSC Awards Committee, MSC Entertainment Committee).
 Faculty Member, TAMU Student Body President's Advisory Board, 1985-1986.

GRADUATE STUDENT ADVISING AS MAJOR PROFESSOR:

D.V.Sc. candidates University of Pretoria

N.C. Owen	"Some Physiological Aspects of Renal Function in Sheep"
D.G. Steyn	"The Effect of Captivity Stress on the Physiology of the Chacma Baboon"
A. Littlejohn	"Studies on the Physiopathology of Chronic Obstructive Pulmonary Disease in the Horse"

M.Med.Vet. candidates University of Pretoria

H.M. Terblanche	"The Quantitative Determination of Plasma Progesterone in Cattle"
A.J. Snijders	"Toxicity Trials with Cambendazole in Sheep in the Republic of South Africa"

Ph.D. candidates Texas A&M University

J.C. Connelly	"The Effects of Intrahypothalamic Injection of Neurogastrointestinal Peptides on the Multi-Unit-Activity in Selected Areas of the Pig Brain"
D.M. Hood	"Studies on the Pathogenesis of Equine Laminitis"
P. Bland	"Investigations into the Hemodynamic and Metabolic Effects of Fructose-1,6-diphosphate and Prostacyclin in Hypovolemic Shock (Co-chairman)"
R.J. Christopher	"Distribution and Metabolism of <u>Cis</u> and <u>Trans</u> -Resmethrin in Laying Hens" Co-chairman)

D.M. Boothe "Comparison of Drug Disposition in Normal Dogs and Dogs with Mild, Moderate and Severe Liver Disease"

L.G. Friedlander "Disposition of Selected Antimicrobial Agents in Healthy and Bronchopneumonic Calves"

M.S. candidates Texas A&M University

Thesis:
J.L. Andres "Aryl Hydrocarbon Hydroxylase: Induction and Inhibition"

Non-thesis:
J. Stautner
W. Streit
M. Flemming
M. Neville

Graduate Student Advisory Committee Activity:

Ph.D. candidates Texas A&M University 29 completed

M.S. candidates Texas A&M University 21 completed

SCIENTIFIC PUBLICATIONS:

Tarr, A.F., O'Grady, J.M., and Jenkins, W.L.: Rabies in South Africa, Rabies and the Private Practitioner. *Jnl. S.A.V.M.A.*, 33:323-325 (1962).

Van Der Walt, K., Jenkins, W.L., Botes, H.J.W.: The Therapeutic Control of Calf Paratyphoid (S. Dublin Infection). *Jnl. S.A.V.M.A.*, 38:425-430 (1967).

Jenkins, W.L.: Veterinary Medicine in South Africa. *Missouri Veterinarian*, 16:19-21 (1967).

Jenkins, W.L.: Studies on the Effects of Intraruminal Administration of Sulphadimidine to Adult Sheep. M.Med.Vet. Thesis, University of Pretoria (1968).

Jenkins, W.L.: Studies of the Effects of Intraruminal Administration of Sulphadimidine to Adult Sheep. *Jnl. S.A.V.M.A.*, 40:159-178 (1969).

Jenkins, W.L.: Drug Distribution Across Ruminant Epithelium. Ph.D. Dissertation, University of Missouri (1969).

Jenkins, W.L.: Refresher Courses in Pharmacology I. The Movement of Drugs Across Biological Membranes. *Jnl. S.A.V.M.A.*, 41:257-261 (1970).

Jenkins, W.L. and Davis, L.E.: An Approach for the Study of Drug Distribution Across Ruminant Epithelium. *Jnl. S.A.V.M.A.*, 41:325-329 (1970).

Jenkins, W.L.: Refresher Courses in Pharmacology II. The Absorption of Drugs. *Jnl. S.A.V.M.A.*, 42:3-7 (1971).

Jenkins, W.L.: Drug Distribution Across Ruminant Epithelium. *Proc. IVth Congress of the South African Pharmacological Society. S.A. Med. Jnl.*, 45:176 (1971).

Jenkins, W.L.: Refresher Courses in Pharmacology III. The Intracorporeal Distribution of Drugs. *Jnl. S.A.V.M.A.*, 42:111-118 (1971).

Jenkins, W.L.: Refresher Courses in Pharmacology IV. The Biotransformation of Drugs. *Jnl. S.A.V.M.A.*, 42:211-216 (1971).

Boulos, B.M., Jenkins, W.L., and Davis, L.E.: Pharmacokinetics of Certain Drugs in the Domesticated Goat. *Am. Jnl. Vet. Res.*, 33:943-952 (1972).

Jenkins, W.L.: Clinically Significant Aspects of Comparative Pharmacology in Veterinary Medicine. *Proc. Vth Congress of the South African Pharmacological Society. S.A. Med. Jnl.*, 46:795 (1972).

Jenkins, W.L.: Refresher Courses in Pharmacology V. The Excretion of Drugs. *Jnl. S.A.V.M.A.*, 42:289-292 (1972).

Jenkins, W.L.: Refresher Courses in Pharmacology VI. Mechanisms of Drug Action. *Jnl. S.A.V.M.A.*, 43:9-12 (1972).

Jenkins, W.L.: Some Aspects of the Treatment of Shock in Animals. *Jnl. S.A.V.M.A.*, 43:163-168 (1972).

Jenkins, W.L.: Die Rol van die Fisiologieses Wetenskappe as Deel van die Veterinere Leerplan. *Publications of the University of Pretoria, New Series N. 71* (1972).

Jenkins, W.L.: Some New Drugs of Veterinary Interest. *Veterinary Clinician*, 1(8):6-8 (1972).

Jenkins, W.L.: The Use of Corticosteroids in Veterinary Medicine. *Veterinary Clinician*, 1(9):11-13 (1972).

Jenkins, W.L.: The Role of an Academic Department within the Veterinary Profession. *Experto Crede No. 2*:15-17 (1973).

Kruger, J.M. and Jenkins, W.L.: A Review of Some Aspects of Equine Electrocardiography. *Jnl. S.A.V.M.A.*, 45:139-145 (1974).

Davis, L.E. and Jenkins, W.L.: Some Considerations Regarding Drug Therapy in Ruminant Animals. *The Bovine Practitioner* No. 9:57-60 (1974).

Jenkins, W.L., Immelman, A., van Niekerk, J., and Kruger, J.M.: Preliminary Studies on the Transplacental Distribution of Selected Drugs in the Sow. *S.A. Med. Jnl.*, 49:278 (1975).

Jenkins, W.L., Davis, L.E., and Boulos, B.M.: Transfer of Drugs Across the Rumen Wall of Goats, as Studied In Vito. *Am. Jnl. Vet. Res.*, 36:1771-1776 (1975).

Jenkins, W.L. and Davis, L.E.: A Method for the Study of Drug Transfer Across Ruminal Epithelium, In Vitro. *Jnl. S.A.V.A.*, 46:153-161 (1975).

Jenkins, W.L.: The Placental Transfer of Drugs and the Potential Effects on the Foetus. *Proceedings S.A.V.A. Production and Reproduction Group Symposium Vol. 2* (1975).

Jenkins, W.L., van Dyk, E. and McDonald, C.: Myasthenia gravis in Fox Terrier Litter Mates. *Jnl. S.A.V.A.*, 47:59-62 (1976).

Pienaar, J.G., Kellerman, T.S., Basson, P.A., Jenkins, W.L. and Vahrmeijer, J.H.: Maldronksiekte in Cattle: A Neuronopathy Caused by *Solanum kwebense* N.E. *Br. Onderstepoort Jnl. Vet. Res.*, 43:67074 (1976).

Jenkins, W.L.: Some Aspects of Veterinary Medicine and Pharmacotherapeutics of Interest to Pharmacists. *S.A. Pharmaceutical Jnl.*, 44:166-169 (1977).

Jenkins, W.L. and Clark, D.R.: A Review of Drugs Affecting the Heart. *Jnl. A.V.M.A.*, 171:85-92 (1977).

Jenkins, W.L.: Whither the Modern Veterinary Graduate? *Experto Crede* No. 5:24-27 (1978).

Jenkins, W.L. and Bruckner, C.: Comparative Studies on the Disposition of Phenylbutazone in Domestic Animal Species. *S.A. Pharmaceutical Jnl.*, 48:452-453 (1978).

Horton, G.M.J., Jenkins, W.L. and Rettermaier, R.: Haematological and Blood Chemistry Changes in Ewes and Lambs Following Supplementation with Vitamin E and Selenium. *Brit. Jnl. Nutr.*, 40:193-203 (1978).

Kuhne, K.J., Jenkins, W.L. and Kruger, J.M.: Electrical Stunning of Karakul Lambs. *Jnl. S.A.V.A.*, 50:15-18 (1979).

Jenkins, W.L.: Placental Transfer of Drugs. Proc. Second Symposium on Veterinary Pharmacology and Therapeutics, American College of Veterinary Pharmacology and Therapeutics, pp 61-80 (1980).

Jenkins, W.L.: Pathophysiological Features of Confinement Stress in Calves (Abst.) Proceedings of 62nd Conference of Research Workers in Animal Disease. Chicago, 1981.

Hightower, D. and Jenkins, W.L.: Species Variation in In Vivo Radiotracer Behavior. Proc. Second International Symposium on Radiopharmaceuticals, 77-82 (1981).

Jenkins, W.L.: Reflections on Modern Veterinary Education. Canad. Vet. Jnl. 23:207-211 (1982).

Connelly, J.C., Guinn, P. and Jenkins, W.L.: In Vivo Measurement of Reticuloruminal Motility Utilizing Induction Displacement Gauges. Fed. Proc. 41, 1982.

Jenkins, W.L. and Friedlander, L.G.: Aspects of Antibacterial Therapy in Pre- and Postweaning Calves. Proc. Second Congress of European Association of Veterinary Physiologists and Pharmacologists (1983).

Escobosa, A., Coppock, C.E., Rowe, L.D., Jenkins, W.L. and Gates, C.E.: Effects of Dietary Sodium Bicarbonate and Calcium Chloride on Physiological Responses of Lactating Dairy Cows in Hot Weather. J. Dairy Sci. 67:574-584 (1984).

Mason, G.L., Friedlander, L.G., Richards, A.B., Connelly, J.C., Nelson, R.G., Jenkins, W.L.: Pathophysiological Features of Acute Confinement Stress in Calves. Bovine Respiratory Disease, A Symposium (Ed. Raymond W. Loan) pp. 495-496 (1984).

Friedlander, L.G., Mason, G.L., Allert, J.A., Simpson, R.B., Nall, D., Jenkins, W.L.: Experimental Model for Comparative Pharmacokinetic Studies in Bronchopneumonic Calves. Bovine Respiratory Disease, A Symposium (Ed. Raymond W. Loan) pp. 497-498 (1984).

Jenkins, W.L.: Concurrent Use of Corticosteroids and Antimicrobial Drugs in the Treatment of Infectious Diseases in Large Animals. Jnl. A.V.M.A., 185:1145-1149 (1984).

Jenkins, W.L.: Concurrent Use of Corticosteroids and Antimicrobial Drugs in the Treatment of Infectious Diseases in Large Animals. Proc. 10th Annual Food Animal Medicine Conference on the Use of Drugs in Food Animal Medicine. (Ed. J.D. Powers and T.E.Powers), pp. 48-61 (1984).

Jenkins, W.L.: Principles of Antibacterial Therapy of Bronchopneumonia in Cattle. Proc. 10th Annual Food Animal Medicine Conference on the Use of Drugs in Food Animal Medicine. (Ed. J.D. Powers and T.E. Powers), pp. 203-227 (1984).

Jenkins, W.L.: Model for Kinetic Studies on Antimicrobial Agents in Bronchopneumonic Calves. Proc. AAVPT Symposium on Determination of Doses of Veterinary Pharmaceuticals. (Ed. J.D. Powers and T.E. Powers), pp. 238-241 (1984).

Jenkins, W.L.: Clinical Pharmacology of Antibacterials Used in Bacterial Bronchopneumonia in Cattle. Modern Veterinary Practice, 66:264-268 and 327-330 (1985).

Deswysen, A.G., Ellis, W.C., Pond, K.R., Jenkins, W.L. and Connelly, J.: Voluntary Intake, Eating, and Ruminating Behavior and Rumen Motility in Heifers Fed Corn Silage and Effects of Monensin. J. Anim. Sci. 64:827-834 (1987).

Jenkins, W.L.: Comparative Pharmacology of the Analgesic Agents - an Overview. Jnl. A.V.M.A., 191:1231-1240 (1987).

Potter, J.T., Kreider, J.L., Potter, G.D., Forrest, D.W., Jenkins, W.L. and Evans, J.W. Embryo survival during early gestation in energy deprived mares. J. Reprod. Fert. Suppl. 35:715-716 (1987).

Boothe, Dawn M., Friedlander, Lynn G. and Jenkins, W.L., Eicosanoids: A Selective Update. Proc. Fifth Symposium on Veterinary Pharmacology and Therapeutics. American College of Veterinary Pharmacology and Therapeutics, pp. 20-42 (1987).

McCall, C.A., Potter, G.D., Kreider, J.L. and Jenkins, W.L., Physiological Responses in Foals Weaned by Abrupt or Gradual Methods. Equine Vet. Science 7:368-374 (1987).

Jenkins, W.L. and Friedlander, L.G., Administration of Pharmaceutical Preparations by Extra-label Routes - Special Considerations and Potential Pitfalls. Jnl. A.V.M.A., 192:256-261 (1988).

Kubiak, J.R., Evans, J.W., Potter, G.D., Harms, P.G. and Jenkins, W.L., Parturition in the Multiparous Mare Fed to Obesity. J. Eq. Vet. Sci. 8:135-140 (1988).

Jenkins, W.L., Basic and Clinical Pharmacology in the Professional Curriculum: Current Trends and Future Needs. Proc. Sixth Symposium on Veterinary Pharmacology and Therapeutics. pp. 59-63 (1988).

Christopher, R.J., Ivie, G.W., Beier, R.C. and Jenkins, W.L. Metabolism of cis- and trans-Resmethrin in Laying Hens. Jnl. Agric. Food Chem. 37:800-808 (1989).

Olivier, A., Hood, D.M., Jenkins, W.L., Clark, D.R., Williams, J.D. and Grosenbaugh, D.A. Effect of Weight Loading on the Coronary Band Interstitial Fluid Pressure in Horses. Am. Jnl. Vet. Res., Vol. 50, 8:1198-1202 (1989).

Jenkins, W.L. The Equine Practitioner's Responsibility in the Use of Therapeutic Agents. Scientific and Legal Regulatory Considerations. Proc. American Association of Equine Practitioners, 151-154 (1990).

Boothe, D.M., Jenkins, W.L., Green, R.A., Corrier, D.E., Cullen, J.M., Boothe, H.W. and Weise, D. Dimethylnitrosamine-Induced Hepatotoxicosis in Dogs as a Model of Progressive Canine Hepatic Disease. Am. Jnl. Vet. Res., Vol 53, 3: 411-420 (1991).

Boothe, D.M., Brown, S.A., Jenkins, W.L., Green, R.A., Cullen, J.M. and Corrier, D.E. Indocyanine Green Disposition in Healthy Dogs and Dogs With Mild, Moderate, and Severe Dimethylnitrosamine-Induced Hepatic Disease. Am. Jnl. Vet. Res., Vol 53, 3: 382-388 (1992).

SCIENTIFIC REPORTS AND PAPERS DELIVERED AT MEETINGS:

"The Use of Trichlorethylene as an Anesthetic Agent in Pigs." Natal Branch S.A.V.A., Pietermaritzburg, 1962.

"B.H.C. Poisoning in Cattle." Natal Branch S.A.V.A., Pietermaritzburg, 1962.

"Pharmacokinetic Considerations in the Ruminant." Smith Kline Pharmaceutical Company, Philadelphia, 1969.

"The Distribution of Drugs Across Ruminal Epithelium." S.A. Pharmacological Society, Potchefstroom, 1970.

"Problems Associated with the Elimination of Drugs in Racehorses." Equine Practitioners Group S.A.V.A., Johannesburg, 1971.

"Some Aspects of Pharmacotherapeutics in the Ruminant." S.A.V.A. Congress, East London, 1971.

"Some Aspects of Electrocardiography in Racehorses." Equine Practitioners Group S.A.V.A., Alberton, 1972.

"Modern Concepts of the Physiological Basis of Stress." Wildlife Capture Symposium, Pretoria, 1972.

"Aspects of Comparative Pharmacology in Veterinary Medicine." S.A. Pharmacological Society, Durban, 1972.

"Some Aspects of the Treatment of Shock in Animals." Wits Branch S.A.V.A., Johannesburg, 1972.

"Maldronksiete in Cattle." (Joint Paper) S.A.V.A. Congress, Pretoria, 1973.

"Thoughts on the Pathogenesis of Capture Myopathy." (Joint Paper) S.A.V.A. Congress, Pretoria, 1973.

"The Pharmacological Aspects of Anaphylaxis in the Horse." Equine Practitioners Group S.A.V.A., Kempton Park, 1974.

"The Pharmacology and Clinical Use of the Butyrophenones." Wits Branch S.A.V.A., Johannesburg, 1974.

"Preliminary Studies on the Transplacental Distribution of Selected Drugs in the Sow." S.A. Pharmacological Society, Bellville, 1974.

"The Placental Transfer of Drugs and the Potential Effects on the Foetus." Production and Reproduction Group S.A.V.A., Short Course, Pretoria, 1975.

"The Practical Problems Associated With Drug Teratogenicity." Norden Laboratories, Lincoln, Nebraska, 1976.

"A Review of Drugs Affecting the Heart." A.V.M.A., Cincinnati, Ohio, 1976.

"The Potential Effects of Drugs on the Embryo and Fetus." Merck, Sharp and Dohme, Rahway, New Jersey, 1976.

"The Transmission of Drugs to the Fetus and Their Potential Harmful Effects." Medical School, University of Cape Town, South Africa, 1977.

"Some Aspects of Comparative Pharmacology of Interest to Physicians." Medical School, University of Cape Town, South Africa, 1977.

"Comparative Studies on the Disposition of Phenylbutazone in Domestic Animal Species." S.A. Pharmacological Society, Potchefstroom, 1977.

"Electrical Stunning of Karakul Lambs." (Joint Paper) Physiological Society of Southern Africa, Potchefstroom, 1977.

"The Clinical Use of Ruminotorics." S.A.V.A. Congress, Johannesburg, South Africa, 1979.
"Drug Therapy in the Geriatric Patient." S.A.V.A. Congress, Johannesburg, South Africa, 1979.

"Placental Transfer of Drugs." 2nd AAVPT Symposium on Veterinary Pharmacology and Therapeutics, Philadelphia, Pennsylvania, 1980.

"Pharmacology of Ruminotorics." A.V.M.A., Washington, D.C., 1980.

"Shipping Fever in Cattle." Workshop on Serotonin and Antiserotonin Agents, Beerse, Belgium, 1981.

"Pathophysiological Features of Confinement Stress in Calves." Conference of Research Workers in Animal Disease, Chicago, Illinois, 1981.

"Oral Antibacterial Therapy in Pre- and Postweaning Calves." 2nd Congress of the European Association of Veterinary Pharmacologists and Toxicologists, Toulouse, France, 1982.

"Pathophysiological Features of Acute Confinement Stress in Calves." (With G.L. Mason, L.G. Friedlander, J.C. Connelly and R.G. Nelson). North American Symposium on Bovine Respiratory Disease, Amarillo, Texas, 1983. (Poster session).

"Experimental Model for Comparative Pharmacokinetic Studies in Bronchopneumonia in Calves." (With L.G. Friedlander, G.L. Mason, J.A. Allert, R.B. Simpson and D. Nall). North American Symposium on Bovine Respiratory Disease, Amarillo, Texas, 1983. (Poster session).

"Stress and Its Relationship to Disease and Toxicoses." Symposium to commemorate 75th Anniv. Vet. Research Inst., Onderstepoort, South Africa, 1983.

"Clinically Significant Drug Interactions in Veterinary Medicine." Merck, Sharp and Dohme, Rahway, New Jersey, 1983.

"Model for Kinetic Studies on Antimicrobial Agents in Bronchopneumonic Calves." Symposium on Dose Determination with Animal Drugs, Alexandria, Virginia, 1983.

"Concurrent Use of Corticosteroids and Antimicrobial Drugs in Infectious Diseases of Large Animals." AVMA Colloquium on Recent Advances in the Therapy of Infectious Diseases, Schaumburg, Illinois, 1984.

"Antibiotic Resistance - the Basic Elements and Concerns." FDA Committee on Veterinary Medicine, Washington, D.C., 1985.

"The Effect of Acute Confinement Stress on Thyroid Hormones in Beef Calves." (With G.L. Mason, L.G. Friedlander, D.N. Schumacher and J.D. McCrady). Conference of Research Workers in Animal Disease, Chicago, 1985.

"A Model for Studying Disposition of Antimicrobial Agents in Bronchopneumonic Calves." (With L.G. Friedlander, D.N. Schumacher, G.L. Mason, B. Simpson, J.A. Allert and J.D. McCrady). Conference of Research Workers in Animal Disease, Chicago, 1985.

"Eicosanoids: A Selective Update." 5th AAVPT Symposium on Veterinary Pharmacology and Therapeutics, Lake of the Ozarks, Missouri, 1986.

"Current Understanding of the Actions and Importance of the Opioids." Research Session, AVMA, Atlanta, 1986.

"Comparative Pharmacology of Analgesic Drugs in Animals." AVMA Colloquium on Recognition and Alleviation of Animal Pain. Chicago, 1987.

"The Extra-label Use of Drugs through Varied Routes of Administration." AVMA Symposium on Responsible Extra-label Drug Use, Chicago, 1987.

"Usefulness of Interspecies Extrapolations in Determining Dose Effectiveness, Target Animal Safety and Elimination of Drugs." Fourth IR-4FDA Workshop for Minor Uses of New Animal Drugs, Rockville, Maryland, 1987.

"Pathophysiology and Pharmacotherapeutics of the Bovine Gastrointestinal System: Enteritis and Diarrhea." AABP Annual Conference, Phoenix, Arizona, 1987.

"The Pharmacology of the New Quinolone Antibacterial Agents." Western Veterinary Conference, Las Vegas, 1987.

"Educating Veterinarians to Prescribe and Use Drugs in a Responsible Manner." AAVPT Symposium, Washington, DC, 1992.

"Professional Responsibilities." AAVPT Symposium, Washington, DC, 1992.

Departmental and other institutional seminars: 42 (1963-present).

OTHER SCHOLARLY PROFESSIONAL AND ACADEMIC ENDEAVORS:

Professorial inaugural address: The Role of the Sciences as Part of the Veterinary Curriculum. Published by the University of Pretoria No. 71 (1972).

Chapter in Handbook on "Capture and Management of Game" (ed. E. Young). Modern Physiological Concepts of Stress in Animals (1973).

Chapters in "Veterinary Pharmacology and Therapeutics" (eds. L.M. Jones, N.H. Booth, L.E. McDonald): Chapter 37. Drugs Affecting Gastrointestinal Functions and Chapter 38. Ruminant Pharmacology (1982 and 1986).

Chapters in "The Bristol Veterinary Handbook on Antibiotics" (ed. D.E. Johnston): Section 2 Respiratory Tract - Small Animals, Section 5 Gastrointestinal - Small Animals and Sections 27-35 Antibiotics (1987).

Report to Subcommittee on Veterinary Education, World Veterinary Association. "The Interdisciplinary Extrapolation and Utilization of Knowledge Gained Throughout the Curriculum" in Collection of Papers for the WVA, pp. 20-22 (1982).

Chapter in "Textbook of Veterinary Internal Medicine" (ed. S.J. Ettinger): Chapter 28. Pharmacological Principles in Therapeutics (1983).

Chapter in "Veterinary Pharmacology and Toxicology" (ed. Y. Ruckebusch, P.L. Toutain and G.D. Koritz): Chapter 13. Oral Antibacterial Therapy in pre- and postweaning Calves (1983).

Chapter in "Handbook of Small Animal Therapeutics" (ed. Lloyd E. Davis): Chapter 5. Pharmacologic Control of Inflammation (1985).

Chapters in "Current Veterinary Therapy - Food Practice" (ed. J.L. Howard) Chapter 2. Antimicrobial Therapy and Chapter 7. Therapeutic Management of Gastrointestinal Diseases (1986).

Chapter in "The Veterinary Clinics of North America: Food Animals Practice" (ed. J.C. Thurmon) Vol. 2, No.3, Disposition of Anesthetic and Anesthetic-Related Agents in Ruminants, (1986).

Chapter in and co--author of "Veterinary Pharmacology and Therapeutics" (ed. G.C. Brander, D.M. Pugh, R.J. Bywater, W.L. Jenkins). Chapter 23 Chemotherapeutic agents affecting host cellular functions: antineoplastics and immunomodulators (1991).

Chapters in "Merck Veterinary Manual: (ed. C.M. Fraser) Part VIII Veterinary Pharmacology - Basic Concepts in Pharmacotherapeutics, Systemic Pharmacotherapeutics and Chemotherapeutics (1986 and 1991).

Editorial Boards (past service)

American Journal of Veterinary Research (Journal)

Compendium on Continuing Education (Journal)

Current Veterinary Therapy - Food Animal Practice

CONTINUING EDUCATION AND OTHER PRESENTATIONS:

"Some Pharmacokinetic Drug Interactions of Clinical Importance." Equine Practitioners Group S.A.V.A., Johannesburg, 1970.

"Clinically Significant Drug Interactions." Wits Branch S.A.V.A., Johannesburg, 1970.

"Some Aspects of the Treatment of Shock in Animals." Western Cape Branch S.A.V.A., Cape Town, 1971.

"The Clinical Significance of Drug Interactions." Natal Branch S.A.V.A., Pietermaritzburg, 1971.

"Some Recent Advances in Veterinary Pharmacotherapeutics." North Eastern Transvaal Branch S.A.V.A., Pietersburg, 1972.

"Some Recent Advances in Veterinary Pharmacotherapeutics." Eastern Cape Branch S.A.V.A., Grahamstown, 1972.

"Veterinary Pharmacology Today." South West Africa Branch S.A.V.A., Windhoek, 1972.

"Some Recent Advances in Veterinary Pharmacotherapeutics." Orange Free State Branch S.A.V.A., Bloemfontein, 1973.

"Some New Pharmacotherapeutic Agents and Concepts." Current Trends in Veterinary Plans and Operations Course. Dept. of the Army. Fort Sam Houston, Texas, 1976.

"Veterinary Medicine. Quo Vadis?" Student Chapter, A.V.M.A., College Station, Texas, 1976.

"Veterinary Medicine -- a Science or an Art?" Phi Zeta Honor Society, College Station, Texas, 1976.

"Some Aspects of Veterinary Medicine in the U.S.A. Today." Pretoria Branch S.A.V.A., Pretoria, 1976.

"The Use of Anti-inflammatory Drugs." Wits Branch S.A.V.A., Johannesburg, 1976.

"Clinically Significant Interactions of Antimicrobial Agents." Dallas County V.M.A., Dallas, 1978.

"Some Aspects of Therapy in Cattle." Student Chapter, A.A.B.P., College Station, Texas, 1979.

"Pharmacokinetics and Pharmacodynamic Interactions of Clinical Significance." S.A.V.A. Congress, Johannesburg, 1979.

"The Role of a Veterinary College in Continuing Education." S.A.V.A. Congress, Johannesburg, 1979.

"Practical Therapeutics -- The Use of the Antibiotics and Corticosteroids." Permian Basin V.M.A., Odessa, 1979.

"Clinical Pharmacology in the Horse." Equine Practitioners Workshop, College Station, 1979.

"Drug Usage in Animal Control." 6th Annual Animal Control Personnel Development Program, College Station, 1979.

"New Antibacterial Agents." Summer Postgraduate Conference Veterinarians, College Station, 1980.

"Adverse Drug Reactions." AAHA Region IV Meeting, Corpus Christi, 1980.

"Disposition and Elimination Kinetics of Xenobiotics." Center for Professional Advancement, Houston, 1981.

"Bovine Clinical Pharmacology." Texas Academy of Veterinary Practice, San Antonio, 1981.

"Clinical Management of Fluid, Electrolyte and Acid-base Disorders." Permian Basin V.M.A., Odessa, 1981.

"Rational Antimicrobial Therapy" and "Pharmacological Control of Inflammation." Veterinary Postgraduate Institute, Santa Cruz, California, 1981.

"Aspects of Bovine Pharmacology", "Aspects of Equine Pharmacology" and "Aspects of Note in Therapeutics". TVMA/TAVP Seminar, Dallas, 1981.

"Drug Actions and Interactions." Academy of Veterinary Consultants, Amarillo, 1981.

"Features of Antibacterial Therapy." TVMA Annual Convention, Fort Worth, 1982.

"Fate of Drugs in the Animal Body and the Public Health Implications." TVMA Annual Convention, Fort Worth, 1982.

"Antibacterial and Anti-inflammatory Therapy Update." TVMA Annual Convention, Fort Worth, 1982.

"Fluid Therapy in Small Animal Medicine." TVMA Annual Convention, Fort Worth, 1982.

"Reflections on Modern Veterinary Education." Western College of Veterinary Medicine, University of Saskatchewan, Canada, 1982.

"Pharmacological Aspects of Geriatric Medicine." Western College of Veterinary Medicine, University of Saskatchewan, Canada, 1982.

"Therapeutic Use of Selected Anti-inflammatory Agents." Western College of Veterinary Medicine, University of Saskatchewan, Canada, 1982.

"Recent Developments in Antimicrobial Therapy." High Plains VMA, Amarillo, 1982.

"Principles of Fluid and Electrolyte Therapy." High Plains VMA, Amarillo, 1982.

"Peripatetic Reflections on the Practice of Veterinary Medicine", Student Chapter, A.A.B.P. and A.V.M.A., College Station, 1982.

"Antibacterial and Anti-inflammatory Therapy Update." Honolulu Veterinary Society, Honolulu, 1982.

"Pharmacological Aspects of Geriatric Medicine." Honolulu Veterinary Society, Honolulu, 1982.

"Clinical Management of Fluid, Electrolyte and Acid-base Disorders." Honolulu Veterinary Society, Honolulu, 1982.

"Principles of Pharmacology of Importance to Bovine Practitioners." Conference of the American Association of Bovine Practitioners, Nashville, 1982.

"Rational Antibacterial Therapy." Arizona Academy of Veterinary Practice, Phoenix, 1983.

"Use and Misuse of Anti-inflammatory Agents." Arizona Academy of Veterinary Practice, Phoenix, 1983.

"Selected Features of Fluid Therapy." Arizona Academy of Veterinary Practice, Phoenix, 1983.

"Pharmacology Update." Paraprofessional program. AAHA, San Antonio, 1983.

"Adverse Drug Actions and Interactions." Paraprofessional program. AAHA, San Antonio, 1983.

"Update on Small Animal Pharmacology and Physiology." American Board of Veterinary Practitioners. San Antonio, 1983.

"Clinical Pharmacology of the Antibiotics." AAHA, San Antonio, 1983.

"Pharmacotherapeutic Approach to Urogenital Disease." AAHA, San Antonio, 1983.

"Clinically Significant Drug Interactions." AAHA, San Antonio, 1983.

"Drugs Used in Emergencies." AAHA, San Antonio, 1983.

"A Career in Academia" Graduate Student Association, CVM, College Station, 1983.

"Current Topics in Pharmacotherapeutics." San Jacinto, VMA, Humble, 1983.

"Clinical Pharmacology and Therapeutic Agents Used in the Management of Renal Failure in Small Animals" and Modification of Drug Regimens in Renal Failure" as part of Renal Failure C.E. program, TAMU, College Station, 1983.

"Modern Concepts of Inflammation and the Use of Nonsteroidal Anti-inflammatory Drugs", C.E. program, TAMU, The Woodlands, 1983.

"Pharmacological Control of Inflammation in Small Animals", CVMA Convention, Steamboat Springs, Colorado, 1983.

"Rational Use of Antibacterial Agents in Small Animal Medicine and Surgery". CVMA Convention, Steamboat Springs, Colorado, 1983.

"Use and Misuse of Antibacterial Agents in Cattle", CVMA Convention, Steamboat Springs, Colorado, 1983.

"Stress and Its Relationship to the Bovine Respiratory Disease Complex." Faculty of Veterinary Science, University of Pretoria, South Africa, 1983.

"The Pathophysiology of Inflammation." Faculty of Veterinary Science, University of Pretoria, South Africa, 1983.

"A Potpourri of Current Topics in Therapy." Greater Houston Large Animal Veterinary Practitioners Association, Houston, 1983.

"Therapeutic Management of Bovine Respiratory Disease." Student Chapter, A.A.B.P., College Station, Texas, 1983.

"Therapeutic Aspects of the Anti-inflammatory and Antibacterial Agents." Vancouver Academy of Veterinary Practice, Vancouver, Canada, 1983.

"Clinically Significant Drug Interactions in Veterinary Medicine." Vancouver Academy of Veterinary Practice, Vancouver, Canada, 1983.

"Myasthenia Gravis" as part of Immunology Conference, C.E. Program, TAMU, College Station, 1984.

"Aspects of Modern Equine Pharmacotherapeutics" S.A.V.A. Equine Practitioners Group, Mooi River, South Africa, 1984.

"Use of Corticosteroids in Animals with Infectious Diseases" Food Animal Medicine Conference, Columbus, Ohio, 1984.

"Principles of Antibacterial Therapy of Bronchopneumonia in Cattle" Food Animal Medicine Conference, Columbus, Ohio, 1984.

"Veterinary Medicine - a Science or an Art?" Student Chapter, A.V.M.A., College Station, Texas, 1984.

"Veterinary Medicine - Quo Vadis?" Pre-Vet Society, Texas A&M University, College Station, Texas, 1984.

"Recent Advances in Pharmacotherapeutics - Anti-inflammatory and Antibacterial Agents". OVMA Convention, Tulsa, Oklahoma, 1985.

"Recent Advances in Pharmacotherapeutics - Digestive System and Liver". OVMA Convention, Tulsa, Oklahoma, 1985.

"Recent Advances in Pharmacotherapeutics - Respiratory and Urinary Systems". OVMA Convention, Tulsa, Oklahoma, 1985.

"Drug Development and the Pharmaceutical Industry". Biomedical Science Student Association, College Station, Texas, 1985.

"Concurrent Use of Corticosteroids and Antimicrobial Drugs". Western Veterinary Conference, Las Vegas, Nevada, 1985.

"Recent Advances in Pharmacotherapeutics". AAHA, Orlando, Florida, 1985.

"Clinically Significant Drug Interaction". AAHA, Orlando, Florida, 1985.

"Aspects of the Chemical Capture of African Herbivores". Student Chapter A.A.Z.V., College Station, Texas, 1985.

"Pharmacotherapeutic Aspects of Renal and Urinary Tract Disease" AVMA Annual Meeting, Las Vegas, 1985.

"What are the Prostaglandins and Leukotrienes?" AVMA Annual Meeting, Las Vegas, 1985.

"Therapeutic Agents Used in the Management of Renal Failure". Animal Technician Symposium, AVMA, Las Vegas, 1985.

"Clinically Important Adverse Drug Reactions". Animal Technician Symposium, AVMA, Las Vegas, 1985.

"Recent Developments in Veterinary Pharmacotherapeutics". Animal Technician Symposium, AVMA, Las Vegas, 1985.

"New Drugs and their Clinical Uses". Capital Area VMA, Austin, 1985.

"New Drugs and their Clinical Uses". Harris County VMA, Houston, 1985.

"Aspects of Bovine Pharmacotherapeutics". Annual Conference for Veterinarians, Louisiana State University, Baton Rouge, 1985.

"Chemical Restraint of Wild Animals". Exotic Wildlife Association Seminar, College Station, 1985.

"Topics in Small Animal Therapeutics". El Paso VMA, El Paso, 1986.

"New Therapeutic Agents for the Management of Gastrointestinal Disorders". AVMA, Atlanta, 1986.

"Concurrent Use of Corticosteroids and Antibacterials - Special Considerations". FDA Center for Veterinary Medicine, Washington, 1986.

"Principles and Practice of Antibacterial Therapy". Animal Medical Center, New York City, 1986.

"Aspects of Pharmacotherapeutics in Food Animals". Pennsylvania VMA, White Haven, 1986.

"Recent Developments in Antibacterial and Anti-inflammatory Therapy in Food Animals". Texas VMA, Fort Worth, 1987.

"The Use of Interferons in Cattle - an Update". Texas VMA, Fort Worth, 1987.

"Extra-label Drug Use in Food Animals - an Update". Texas VMA, Fort Worth, 1987.

"Clinically Significant Features of Gastrointestinal Physiology and Pharmacology in Large Animals". Illinois VMA, Springfield, 1987.

"Pharmacotherapeutic Aspects of Gastrointestinal Disorders in Ruminants". Illinois VMA, Springfield, 1987.

"Recent Developments in Antimicrobial Therapy". Brazos Valley VMA, College Station, 1987.

"Accuracy of Diagnosis of the Disease Condition and the Pharmacological Characteristics of the Indicated Drugs as Criteria for the Labeling Decision: Prescription or Over-the-Counter?" FDA/AAVPT Symposium, Alexandria, 1987.

"Recent Developments in Antibacterial and Anti-inflammatory Therapy". Permian Basin VMA, Odessa, 1987.

"Recent Developments in Our Understanding of Fluid, Electrolyte and Acid Base Homeostasis". AVMA, Chicago, 1987.

"Extra-label Use of Drugs and the Bulk Drug Issue". Academy of Veterinary Consultants, Amarillo, 1987.

"Antibacterial and Anti-inflammatory Therapy in Cattle". Western Veterinary Conference, Las Vegas, 1987.

"Selected Topics in Small Animal Pharmacotherapeutics -- Aspects of Anti-inflammatory and Antimicrobial Therapy". C.E. Program, TAMU, Tyler, 1988.

"Veterinary Medicine -- Quo Vadis?" College Address, TAMU, College Station, 1988.

"Recent Advances in Antimicrobial and Anti-inflammatory Therapy". D.C. Academy of Veterinary Medicine, Fairfax, 1988.

"Selected Topics in Small Animal Pharmacotherapeutics -- Aspects of Anti-inflammatory and Antimicrobial Therapy". C.E. Program, TAMU, South Padre Island, 1988.

"Basic and Clinical Pharmacology in the Professional Curriculum: Coordinating Research Pharmacology to Clinical Pharmacology". 6th AAVPT Symposium on Veterinary Pharmacology and Therapeutics, Blacksburg, Virginia, 1988.

"Selected Topics in Food Animal Pharmacotherapeutics", Annual Short Course, Colorado State University, Fort Collins, 1989.

"Veterinary Medicine - A Science or an Art?" Phi Zeta Honor Society, Baton Rouge, 1989.

"Academia as a Career for Veterinarians", Symposium on Opportunities in Veterinary Medicine, Texas A&M University, College Station, Texas, 1989.

"Small Animal Pharmacotherapeutics", Texas A&M University, College Station, Texas, 1989.

"The Pharmacology of Quinolones". Eastern States Veterinary Conference, Orlando, Florida, 1990.

"Contemporary Issues in Veterinary Pharmacology from the Academic Perspective". 7th AAVPT Symposium on Veterinary Pharmacology and Therapeutics, Raleigh, North Carolina, 1990.

"The Potential Impact of Contemporary Issues on the Teaching of Pharmacology." The Seventh Biennial Symposium on Veterinary Pharmacology and Therapeutics, Raleigh, North Carolina, 1990.

"Current Concepts in Antimicrobial Therapy". Northwest Louisiana Veterinary Medical Association, Shreveport, 1990.

"Untoward Drug Effects". Western Veterinary Conference, Las Vegas, Nevada, 1991.

"Elements of Antibacterial Therapy". Western Veterinary Conference, Las Vegas, Nevada, 1991.

"Key Antibacterial Agents". Western Veterinary Conference, Las Vegas, Nevada, 1991.

"Anti-Inflammatory Drugs". Western Veterinary Conference, Las Vegas, Nevada, 1991.

"Administration of Drugs to Horses". Western Veterinary Conference, Las Vegas, Nevada, 1991.

"Recent Developments in Antiinflammatory Therapy". Northwest Louisiana Veterinary Medical Association, Shreveport, 1991.

"Recent Advances in Antimicrobial Therapy". Baton Rouge Veterinary Medical Association, Baton Rouge, 1991.

"Pharmacological Basis of Veterinary Therapeutics". Postgraduate Course, University of Sydney, Australia, 1992.

"Environmental Issues -- Challenges for Veterinary Medicine". AVMA Annual Conference, Boston, 1992.

"The Education of Veterinarians for Responsible Drug Prescribing". AAVPT/ACVCP/AVMA/FDA/CVM Symposium on Use of FDA-Approved Drugs in Veterinary Medicine: Prohibitions, Prerogatives and Responsibilities, Washington, DC, 1992.

"The Future of Veterinary Education". 75th Anniversary Symposium, Faculty of Veterinary Science, University of Pretoria, South Africa, 1995.

"Rewarding Teaching - Current Attitudes," Southern Region Teaching Symposium, Oklahoma State University, Stillwater, 1995.

"Creating an Infrastructure for Graduate Faculty Growth - Long-term Development of Scholars," Conference of Deans, Directors and Department Chairs, Southern University, Baton Rouge, 1995.

"Responsiveness in Curriculum Reform," Conference of Louisiana Colleges and Universities, University of Southwestern Louisiana, Lafayette, 1996.

"Reflections on Aspects of Louisiana's Future," Louisiana Fire Chief's Association 23rd Annual Conference, Bossier City, Louisiana, 1996.

"The Pivotal Role of Veterinary Medicine in the Emerging Environmental Sciences," American Veterinary Medical Association 133rd Annual Meeting, Louisville, Kentucky, 1996.

Frequent addresses to diverse audiences on current trends in higher education, 1996-present.

RESEARCH ACTIVITY:

Comparative studies on the placental transfer of drugs in domesticated animals. 1973-1978. Principal Investigator. Supported by grants from the S.A. Medical Research Council, Atomic Energy Board and the University of Pretoria, \$26,000 (total).

Studies on the pathogenesis and effects of various forms of stress in cattle and sheep. 1974-1986. Principal Investigator. Supported by grants from the Department of Agricultural Technical Services, the University of Pretoria, Sentrachem and U.S.D.A. \$101,000 (total).

The influence of prolonged administration on the elimination kinetics of phenylbutazone in domesticated animals. 1977-1978. Principal Investigator. Supported by grant from the S.A. Medical Research Council. \$5,000.

Electrical stunning of Karakul lambs. 1977. Co-Investigator. Supported by grant from Swakara. \$2,000.

Factors promoting ruminoreticular function in sheep. 1978. Principal Investigator. Supported by grant from the College of Veterinary Medicine, Texas A&M University. \$2,000.

Comparative pharmacokinetics of antimicrobial agents in livestock. 1979. Principal Investigator. Supported by a grant from the Texas Agricultural Experiment Station, Texas A&M University. \$10,000.

Fate of antimicrobial agents in calves and lambs during acute systemic disease states. 1980-1985. Principal investigator. Supported by Texas Agricultural Experiment Station, Texas A&M University and the Texas Cattle Feeders Association. \$20,000.

Effects of intrahypothalamic injections of putative neurogastrointestinal peptide transmitters on neuronal activity in the pig. 1980. Co-Investigator. Supported by ORR funds, College of Veterinary Medicine, Texas A&M University. \$2,000.

A comparative study on the disposition of antimicrobial compounds in normal and mastitic milk. 1981. Co- Investigator. Supported by ORR funds, College of Veterinary Medicine, Texas A&M University. \$2,000.

Pharmacokinetic fate of tylosin in calves suffering from acute bronchopneumonia. 1981. Principal Investigator. Supported by Eli Lilly Research Division, Greenfield, Indiana. \$10,000.

Prophylactic and therapeutic activity from R-50970 in the pathogenesis of acute laminitis in horses. 1982. Principal Investigator. Supported by Pitman-Moore, Washington Crossing, New Jersey. \$12,500.

Fate of drugs in the animal body. 1983. Health Education Grant. Merck Company. \$3,500.

Pharmacokinetics of cimetidine in foals. 1982. Co-Investigator. Supported by ORR funds, College of Veterinary Medicine, Texas A&M University. \$2,000.

The disposition of cephapirin in healthy and bronchopneumonic calves. 1985. Principal Investigator. Bristol Laboratories. \$10,000.

Therapeutic efficacy of florfenicol in acute fibrinous bronchopneumonia induced in calves with Pasteurella haemolytica. 1985. Principal Investigator. Schering Corporation. \$10,000.

The effect of clenbuterol on the tracheal mucociliary transport rate (TMTR) in healthy horses and in horses with respiratory disease. 1985. Principal Investigator. Boehringer-Ingelheim. \$15,000.

OTHER ACTIVITIES AND ACCOMPLISHMENTS:

Completed the basic research course at the Oak Ridge Institute of Nuclear Studies, 1967.

Attended "Enhancing College Teaching and Learning" at the College of Veterinary Medicine, University of Tennessee, Knoxville, 1980. Participated in Section on "Anatomy of a Good Lecture".

Attended TriService Conference on "Defense Against Chemical Agents", Reston, Virginia, 1980.

Attended Colloquium on Veterinary Clinical Pharmacology, A.V.M.A., Rolling Meadows, 1980.

Visited Eli Lilly in Greenfield, Indiana, 1981. Held discussion on therapeutic management of pneumonia in cattle.

Speaker at Aggie Muster, Rockdale, Texas, 1981.

Attended Faculty Workshop on Teaching and Learning, College of Veterinary Medicine, Texas A&M University. Presentation "Anatomy of a Good Lecture", 1982.

Attended Third Symposium of American Academy of Veterinary Pharmacology and Therapeutics, Columbus, Ohio, 1982.

Attended XIIth World Congress on Disease of Cattle, Amsterdam, The Netherlands, 1982.

Section Leader: Physiology and Pharmacology. 63rd Meeting of the Conference of Research Workers. Chicago, 1982.

Attended International Meeting on "Animal Stress", Sacramento, California, 1983.

Attended Inquiry Conference on "Quality Teaching in a Technical Society", Texas A&M University, 1983.

Presented seminar, "Developing a New Veterinary Curriculum", Faculty of Veterinary Science, University of Pretoria, South Africa, 1983.

Attended National Meeting of Federated Societies for Experimental Biology, St. Louis, Missouri, 1984.

Speaker at Cap and Gown Annual Initiation Ceremony, Texas A&M University, 1984.

Organizer and Program Chairman for the Fourth Symposium of the American Academy of Veterinary Pharmacology and Therapeutics, College Station, 1984.

Member, Advisory Board of the UCLA Archives of American Folk Medicine (1983-1987).

Consulting Editor, Section 1, Treatment and Special Procedures, "Current Veterinary Therapy - Food Animal Practice" (ed. J.L. Howard), 1985.

Editorial Review Board, The Compendium of Veterinary Continuing Education, 1984-1988.

Speaker at Cap and Gown Annual Initiation Ceremony, Texas A&M University, 1985.

Session Chairman, FDA/AAVPT Sponsored Symposium on "Clinical Trials with Therapeutic Drugs in Animals", Alexandria, Virginia, 1985.

Attended National Meeting of Federated Societies for Experimental Biology, Anaheim, California, 1985.

Chaired Ruminant Sessions (Pharmacokinetics and Comparative Metabolism) of the Third IR-4/FDA Workshop for Minor Uses of New Animal Drugs, Rockville, MD, 1985.

Participated in FDA Symposium on Minor Use Animal Drug Research, Rockville, MD, 1985.

Session Chairman, TAMU/AGVET Sponsored Symposium on "Saving Food Animal Medicine", College Station, 1986.

Panel Member, COBTA and Solvay Sponsored Symposium on "The Use of Unapproved Drugs in Domestic Animals", AVMA Meeting, Atlanta, 1986.

Participated in the TAES Review of the Bovine Respiratory Disease Program at the TAES Research and Extension Center, Amarillo, 1987.

Session Chairman, FDA/AAVPT Sponsored Symposium on "Does the Animal Drug Rx and O-T-C Issue Impact Human and Animal Health", Alexandria, VA, 1987.

Session Chairman, AVMA Sponsored Colloquium on "Recognition and Alleviation of Animal Pain and Distress", Chicago, 1987.

Participated in FDA/USDA Symposium on "Animal Drug Use - Dollars and Sense", Herndon, VA, 1987.

Participated in Mark Morris Associates/Hill's Pet Products Symposium on "Small Animal Clinical Nutrition", Kansas City, Mo, 1987.

Discussion Leader, AVMA/AAVMC Ninth Symposium on Veterinary Medical Education: "Veterinarians for Society in the 21st Century", Davis, CA, 1987.

Presiding Officer, Session on Clinical Physiology and Pharmacology for Practitioners at AVMA Meetings, 1985, 1986 and 1987.

AAVPT liaison, AVMA Council on Biological and Therapeutic Agents, 1987-1988.

Attended Shotwell and Carr seminar on "New Animal Drug Applications", Dallas, 1987.

Session Chairman, TAMU/Hoechst Roussel/Hill's Co-sponsored Symposium on "Career Alternatives in Veterinary Medicine", College Station, 1987.

Chaired Symposium (Utility of Interspecies Extrapolation in the Approval Process), Fourth IR-4/FDA Workshop for Minor Uses of New Animal Drugs, Rockville, MD, 1987.

Founding Member, Louisiana Partnership for Technology and Innovation, 1989.

Commencement Speaker, College of Veterinary Medicine, Texas A&M University, College Station, Texas, 1989.

Commencement Speaker, School of Veterinary Medicine, Louisiana State University, Baton Rouge, Louisiana, 1989.

Commencement Speaker, College of Veterinary Medicine, Texas A&M University, College Station, Texas, 1990.

Featured Speaker at the Franklinton Chamber of Commerce Annual Banquet, 1993.

Keynote Address, Golden Key National Honor Society, Baton Rouge, Louisiana, 1993.

Keynote Address, Gamma Beta Phi Society, Baton Rouge, Louisiana, 1994.

Keynote Address, Gamma Sigma Delta Society, Baton Rouge, Louisiana, 1994.

Keynote Address, Phi Kappa Phi National Honor Society, Baton Rouge, Louisiana 1994.

Graduation Address, Our Lady of the Lake College of Nursing and Allied Health, Baton Rouge, Louisiana 1995.

Commencement Speaker, Louisiana State University, Baton Rouge, Louisiana, 1995.

Speaker, Shape LSU '95, Campus Leadership Conference, Louisiana State University, Baton Rouge, Louisiana, 1995.

Speaker, Louisiana Boys and Girls State, Louisiana State University, Baton Rouge, 1994, 1995, 1996.

Speaker, Inter-Civic Council of Baton Rouge Achievement Award Scholarship Dinner, 1996.

Presenter, Louisiana Mid-Continent Oil and Gas 75th Anniversary Meeting, New Orleans, LA, 1997.

Keynote Speaker, Phi Kappa Phi Centennial Celebration, 1997

Guest Speaker, 1998 Redemptorist High School Alumni Association Hall of Fame Banquet, Baton Rouge, LA, 1998.

Keynote Speaker, 5th Annual LaCEPT Statewide Conference, 1998.

Keynote Address, 77th Annual Banquet, Istrouma Area Council, Boy Scouts of America, Baton Rouge, LA, 1998.

Guest Speaker, American Institute of Professional Geologists 35th Annual National Meeting, 1998.

Guest Speaker, East Baton Rouge Parish Medical Society, 1998.

Keynote Speaker, 1998 Annual Educational Development Conference of the Louisiana Society of Certified Public Managers, 1998.

Guest Speaker, Louisiana College Presidents' Alcohol Symposium, Southeastern Louisiana University, 1998.

Guest Speaker, 37th Annual Academic Honors Banquet, Northwestern State University, 1998.

Guest Speaker, University of Southwestern Louisiana Foundation Distinguished Professor Awards Banquet, 1998.

Guest Speaker, Greater Baton Rouge Area Retired Officers Association, 1998.

Member, President's Panel, Association of University Related Research Parks, Washington, DC, 1998.

Keynote Address, Educational Summit sponsored by the Louisiana Department of Education, 1998.

Panel Member, Kellogg Commission on the Future of State and Land-Grant Universities Regional Conference, 1998.

Panel Member, National Association of Attorneys General, Washington, DC, 1999.

Keynote Speaker, American Marketing Association, 10th Annual Symposium for the Marketing of Higher Education, New Orleans, LA, 1999.

Featured Speaker, Baton Rouge Bar Association, Baton Rouge, LA, 1999.

Commencement Speaker, Auburn University, College of Veterinary Medicine, Auburn, AL, 1999.

Keynote Speaker, LSU Agricultural Center's 1999 Southern Region Land-Grant Conference, Baton Rouge, LA, 1999.

Guest Speaker, Marketing Managers Association of Baton Rouge, Baton Rouge, LA, 2000.

Keynote Speaker, American Association of Collegiate Registrars and Admissions Officers, New Orleans, LA, 2000.

Guest Speaker, Freedom Foundation of America, New Orleans, LA, 2001.

Commencement Speaker, University of Louisiana at Monroe, Monroe, LA, 2001.

Delegate, Oxford Round Table, Oxford, England, 2001.

Guest Speaker, Association of College Honor Societies Annual Conference, White Castle, LA, 2002.

Commencement Speaker, College of Veterinary Medicine, University of Missouri, Columbia, MO, 2002.

Guest Speaker, Greater Baton Rouge Chamber of Commerce's Leadership Class, Baton Rouge, LA, 2002.

Commencement Speaker, Louisiana State University and A&M College, Baton Rouge, LA, 2002.

Guest Speaker, Association of American Veterinary Medical Colleges Annual Meeting, Washington, DC, 2003.

Keynote Speaker, Academic Distinction Fund Leadership Institute, Baton Rouge, LA, 2003.

Commencement Speaker, Louisiana National Guard Challenge Program, Baker, LA, 2003.

Guest Speaker, LSU Executive MBA/Professional MBA New Student Welcoming Banquet, Baton Rouge, LA, 2003.

Guest Speaker, Louisiana State Capital Global Law Group's 2004 Midwinter Meeting, New Orleans, LA, 2004.

Keynote Speaker, World Association of Agriculture Councils, Baton Rouge, LA, 2004.

Guest Speaker, Delta Regional Authority's First Annual Conference, New Orleans, LA, 2004.

Guest Speaker, American Farm Bureau Meeting, New Orleans, LA, 2005.

Guest Speaker, Farm Bureau Insurance Kick-Off Meeting, Baton Rouge, LA, 2005.

Keynote Speaker, Louisiana Society of Hospital Auxiliaries, Baton Rouge, LA, 2005.

Guest Speaker, Corps of Engineers Partnering Conference, New Orleans, LA, 2005.

Keynote Speaker, Indiana Farm Bureau's USDA National Agriculture in the Classroom Conference, Indianapolis, IN, 2005.

Guest Speaker, LSU Alumni Association's Centennial Celebration, Baton Rouge, LA, 2005.

Keynote Speaker, Acadian Ambulance Senior and Mid-Level Managers Strategic Planning Meeting, Lafayette, LA, 2005.

Keynote Speaker, Ohio Farm Bureau's 2005 Annual Meeting, Columbus, OH, 2005.

Keynote Speaker, Kentucky Farm Bureau's Statewide Conference of County Presidents and Vice Presidents, Louisville, KY, 2006.

Honoree and Guest Speaker, LSU Paul M. Hebert Law Center's Annual Law Review Banquet, Baton Rouge, LA, 2006.

Guest Speaker, Government Attorneys, Baton Rouge, LA, 2006.

Guest Speaker, Shreveport-Bossier Committee of 100 Annual Membership Meeting, Shreveport, LA, 2006.

Keynote Speaker, Presidential Awards for Excellence in Mathematics and Science Teaching Luncheon, Baton Rouge, LA, 2007.

Plenary Speaker, American Dental Education Association Meeting, New Orleans, LA, 2007.

Keynote Speaker, Phi Kappa Phi Spring Banquet, Baton Rouge, LA, 2007.

Keynote Speaker, Annual Meeting Banquet of the Louisiana State Society of Allergy, Asthma and Immunology, New Orleans, LA, 2007.

Frequent speaker at civic and other clubs.

PRINCIPAL ACTIVITIES AS DEAN OF THE SCHOOL OF VETERINARY MEDICINE AT LOUISIANA STATE UNIVERSITY AND A&M COLLEGE:

Held the following official titles:

Chief Administrative Officer for the School of Veterinary Medicine

Budgetary Officer for the School of Veterinary Medicine

Institutional Officer for Animal Care and Use on the LSU Baton Rouge Campus

Responsible for the welfare of the following personnel:

Faculty	107
Staff	270
Professional students	265
Graduate students	66
House officers	13

Management of annual budget for the School:

State appropriation	\$14.0 million
Self-generated revenues	\$ 3.5 million
Sponsored programs	<u>\$ 5.1 million</u>
Total	\$22.6 million

PRINCIPAL ACTIVITIES AS VICE CHANCELLOR FOR ACADEMIC AFFAIRS AND PROVOST AT LOUISIANA STATE UNIVERSITY AND A&M COLLEGE (1993-1996):

Directly and indirectly responsible for the welfare of the following personnel.

Faculty	1200 - 1250
Staff	800 - 1000
Undergraduate students	20,500
Graduate students	5,000
Professional students	310

Management of annual budget for Academic Affairs	
Total unrestricted and restricted revenues	\$144 million

PRINCIPAL ACTIVITIES AS CHANCELLOR AT LOUISIANA STATE UNIVERSITY AND A&M COLLEGE (1996-1999):

Directly and indirectly responsible for the welfare of the following personnel

Faculty	1350-1400
Staff	1500-2000
Undergraduate students	23,000
Graduate students	5,000
Professional students	310

Management of annual budget for University	
Total unrestricted and restricted revenues	\$455 million
Private funds	\$150 million

PRINCIPAL ACTIVITIES AS PRESIDENT OF THE LOUISIANA STATE UNIVERSITY SYSTEM (NINE INSTITUTIONS ON TEN CAMPUSES IN FIVE CITIES AND TEN PUBLIC HOSPITALS IN TEN CITIES) (1999-present):

Directly and indirectly responsible for the welfare of the following personnel

Faculty	}
Staff	} 28,500
Undergraduate students	54,500
Graduate students	7,500
Professional students	2,500

Management of annual budget for System	
Total unrestricted and restricted revenues	\$2.6 billion
Private funds	\$630 million

COMMUNITY, CIVIC AND/OR PUBLIC ACTIVITIES:

- Member: College Station Noon Lions Club (Board of Directors, 1982-1989; 3rd Vice president, 1985-1986; 2nd Vice-president, 1986-1987)
- Member: Baton Rouge Rotary Club, 1988-present (Board of Directors 1999-2000)
- Member: Marathon Scholarship Committee, Marathon Oil Company, Houston, TX, 1997-1999
- Member: Board of Directors, Greater Baton Rouge Chamber of Commerce, 1997-2007
- Member: Board of Directors, Baton Rouge Center for World Affairs, Inc., 1996-2000
- Member: Board of Directors, Louisiana Endowment for the Humanities, 1999-2008
- Member: Board of Directors, Academic Distinction Fund, 1998-2007
- Member: Board of Directors, Baton Rouge Region of the National Conference of Community and Justice, 1998-2006
- Member: Board of Directors, Council for a Better Louisiana, 1999-2007
- Member: Arts Council of Greater Baton Rouge, 2000-2006
- Chairman: National Conference for Community and Justice 39th Annual Brotherhood Awards Dinner, 2001
- Member: Board of Trustees, The Nature Conservancy of Louisiana, 2002-present
- Member: Governor's Advisory Commission on Coastal Restoration and Conservation, 2002-2008
- Chairman: American Heart Association's 2002 Annual Gala Event
- Parishioner: Our Lady of Mercy Catholic Church, Baton Rouge

HOBBIES, RECREATIONAL INTERESTS:

- Wildlife
- Gardening
- Golf
- Reading