

Thomas F. Fletcher
Curriculum Vitae

Professor
Veterinary and Biomedical Sciences
College of Veterinary Medicine
University of Minnesota

Education:

D.V.M. June, 1961 New York State Veterinary College, Cornell University
Ph.D. June, 1965 Graduate School, University of Minnesota

Positions/Faculty Appointments:

| | | |
|---------------------------|--------------|-------------------------|
| Professor | 1973-present | University of Minnesota |
| Associate Professor | 1968-1973 | University of Minnesota |
| Assistant Professor | 1965-1968 | University of Minnesota |
| Instructor | 1964-1965 | University of Minnesota |
| USPHS Postdoctoral Fellow | 1961-1964 | University of Minnesota |

Administrative Service:

| | |
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| 1972-1973 | Acting Chairperson Department of Veterinary Anatomy University of Minnesota |
| 1985-1990 | Acting Associate Dean for Academic Affairs and Research College of Veterinary Medicine University of Minnesota |

Awards and Honors:

Norden Distinguished Teaching Award (1967)
President, American Association of Veterinary Anatomists (1973-4)
Phi Zeta Faculty Achievement Award (1989)
MSD AgVet Award for Creativity in Teaching (1992)
Award for Outstanding Achievement and Service to Veterinary Anatomy,
from the American Association of Veterinary Anatomists (1993)
U of MN Technology Enhanced Learning Innovation Award (1998)
CVM Curriculum Development Award (1998)
First-year Class Teaching Award (1998)
First-year Class Teaching Award (1999)
Teaching Incentive Award (2000)
Norden-Pfizer Distinguished Teaching Award (2005)
CVM Excellence in Course Coordination Award (2010)

Summary of Teaching Products

A. Graduate Students to whom I was major advisor:

| | |
|---------------------|--|
| John E. Oliver, Jr. | Ph.D. (1969) [Prof & Chair, Clinical Medicine, U of Georgia] |
| Raymond O. Benson | M.S. (1970) [Practitioner & Anatomy Instructor, U of MN] |
| P. Thomas Purinton | Ph.D. (1972) [Prof of Veterinary Anatomy, U of Georgia] |
| William D. Martin | Ph.D. (1973) [Prof of Anatomy, W. Virginia Sch. Osteopathic Med.] |
| Etsuro Uemura | M.S. (1973) [Ph.D, U of Wisc.; Prof of Vet. Anatomy, Iowa State U] |
| Norman J. Wilsman | Ph.D. (1974) [Prof Anatomy & Assoc Dean Research, U of Wisconsin] |
| Pen-Ming Lan | M.S. (1976) [web site development career] |
| William P. Ireland | Ph.D. (1977) [Prof of Veterinary Anatomy, U Prince Edward Island] |
| W. Craig Cullen | Ph.D. (1981) [Asst Prof of Vet Anatomy, U Tennessee] |

B. Veterinary Courses Organized and/or Taught at the U of MN, since 1964:

I have had major responsibilities in the following courses (bold = Course Coordinator role):

- Veterinary Gross Anatomy** (Carnivore, Equine, Ruminant separate and combined courses)
(VAna 5102; VB 5100, 5101, 5106, 5126; VPB 126; CVM 5200, 6100)
- Veterinary Neuroanatomy/Neurobiology** (VAna 5230; VB 5102; VPB 5102; CVM 6120)
- Canine Clinical Neurology** (VAna 5534)
- Veterinary Embryology/Prenatal Development** (VB 5103)
- Graduate courses: Anatomy/Neuroanatomy (VB 5149 8112, 8113, 8114, 8131, 8134, 8136)

I have given lectures one or more times in the following courses:

- Microscopic anatomy (VB 5104)
- Mechanisms of Animal Health & Disease (MVB 8201)
- Neurosurgery for residents (SACS 8420)
- Spine surgery (VMed 8685)
- Veterinary Physiology (CVM 6130)
- Board review for Residents (2006, 2007, 2009, 2011)

C. Instructional Software Development Products:

Each of the following is a courseware product. The early entries were written in HyperCard and are now obsolete. Later entries were created with web development tools. To view them, click their associated URL.

1. Autonomic Nervous System Tutor (© 1988) — **T.F. Fletcher**
2. Canine Bones (© 1988) — A. Burrell (class '91) and **T.F. Fletcher**
3. Equine Teeth & Age (© 1989) — A. Burrell (class '91) and **T.F. Fletcher**
4. Cranial Nerves (© 1990) — K. Hoffman (class '91) and **T.F. Fletcher**
5. Canine Gaits (© 1991) — V. Johnson (class '93) and **T.F. Fletcher**
6. Spinal Cord (© 1992) — **T.F. Fletcher**
7. Basic Eye Tutor (© 1993) — R. Miller (class '94) and **T.F. Fletcher**
8. Veterinary Embryology Lessons:
 - A. Nervous System (© 1993) — **T.F. Fletcher**
 - B. Cardiovascular System (© 1994) — **T.F. Fletcher**
 - C. Urinary System (© 1996) — **T.F. Fletcher**
 - D. Genital System (© 1997) — **T.F. Fletcher**

9. Canine Brain Atlas (© 1997, 1999) — **T.F. Fletcher**
10. Canine Planar Anatomy (©1998) — **T.F. Fletcher**, D. Feeney & R. Hardy
11. Cranial Nerve Nuclei (©1999) — **T.F. Fletcher**
12. Canine Muscle Groups (©1999) — **T.F. Fletcher**
13. Neuroscience Instruction web site (©1999) — **T.F. Fletcher** and A.J.Beitz
14. Veterinary Anatomy web site (<http://vanat.cvm.umn.edu/>)
(©1999) — **T.F. Fletcher**
15. Canine Planar Anatomy web site (<http://vanat.cvm.umn.edu/quiz/>)
(©2000)— **T.F. Fletcher**, R. Hardy and D. Feeney
16. Anatomical Adaptation for Curorosorial Locomotion (<http://vanat.cvm.umn.edu/run>)
(©2001) — **T.F. Fletcher**
17. Neurobiology Labs Preview Images web site (<http://vanat.cvm.umn.edu/neurolab/>)
(©2002 & 2006) — **T.F. Fletcher**
18. Canine Brain Transections web site (<http://vanat.cvm.umn.edu/brainsect/>)
(©2002) — **T.F. Fletcher**
19. Canine Autonomic Pathways web site (<http://vanat.cvm.umn.edu/ans/>)
(©2002) — **T.F. Fletcher**
20. Directions, Planes & Muscle/Joint Actions (<http://vanat.cvm.umn.edu/anatDirections/>)
(©2003) — **T.F. Fletcher**
21. Carnivore Anatomy Dissection Lab Introductions (<http://vanat.cvm.umn.edu/carnLabs/>)
(©2003) — **T.F. Fletcher**, C. Clarkson
22. Brain Gross Anatomy web site (<http://vanat.cvm.umn.edu/grossBrain/>)
(©2003) — **T.F. Fletcher**
23. Neurohistology ATLAS web site (<http://vanat.cvm.umn.edu/neurHistAtls/>)
(©2003) — **T.F. Fletcher**
24. Neuroscience Instruction Multimedia web site (©2003) — **T.F. Fletcher**, A. Beitz, & V. Cox
25. CVM 6120 Lab 1: Neurohistology web site (<http://vanat.cvm.umn.edu/neurLab1/>)
(©2004) — **T.F. Fletcher**
26. CVM 6120 Lab 3: Brain Anatomy Introduction (<http://vanat.cvm.umn.edu/neurLab3/>)
(©2004) — **T.F. Fletcher**
27. Veterinary Neuropathology Cases web site (<http://ni.cvm.umn.edu/vetNeuroPath/>)
(©2004) — **T.F. Fletcher**
28. Minnesota Veterinary Historical Museum website (<http://hist.cvm.umn.edu/>)
(©2004) — **T.F. Fletcher**
29. Video Clips of Clinical Neurology Cases (<http://vanat.cvm.umn.edu/neurolVideo/>)
(©2005) — **T.F. Fletcher**, R. Hardy and A. McVey
30. AAVA Annual Meeting 2005 website (<http://vanat.cvm.umn.edu/AAVA/>)
(©2005) — **T.F. Fletcher**
31. Learning Object: Pain Pathways Overview (<http://vanat.cvm.umn.edu/learnObj/>)
(©2005) — **T.F. Fletcher**
32. Learning Object: Nociceptor Response (<http://vanat.cvm.umn.edu/learnObj/>)
(©2005) — **T.F. Fletcher**
33. Learning Object: Vestibular Nerves (<http://vanat.cvm.umn.edu/learnObj/>)
(©2005) — **T.F. Fletcher**, K. Scarletta
34. CVM 6120 Lab 2: Spinal Cord Anatomy website (<http://vanat.cvm.umn.edu/neurLab2/>)
(©2006) — **T.F. Fletcher**
35. Gaits website (<http://vanat.cvm.umn.edu/gaits/>)
(©2006) — **T.F. Fletcher**

36. Canine Planar Anatomy (<http://vanat.cvm.umn.edu/planar/>)
(©2006) — **T.F. Fletcher**
37. Canine Brain Transections (revised) (<http://vanat.cvm.umn.edu/brainsect/>)
(©2007) — **T.F. Fletcher**
38. Lab 6: Cerebellum (<http://vanat.cvm.umn.edu/neurLab6/>)
(©2007) — **T.F. Fletcher**
39. Autonomic Nervous System (<http://vanat.cvm.umn.edu/ans/>)
(©2007) — **T.F. Fletcher** and D. Brown
40. Cranial Nerves - Animated Quizzes (<http://vanat.cvm.umn.edu/CrNAnimQuiz/>)
(©2008) — **T.F. Fletcher**
41. Developmental Anatomy (<http://vanat.cvm.umn.edu/embrSE/>)
(©2008) — **T.F. Fletcher**
42. Cranial Nerve Nuclei - Animated Quizzes (<http://vanat.cvm.umn.edu/CrNNucQuiz/>)
(©2009) — **T.F. Fletcher**
43. Carnivore Lower Urinary Tract (<http://vanat.cvm.umn.edu/lut/>)
(©2009) — **T.F. Fletcher**, J. Lulich and C. Osborne
44. Canine Brain MRI Atlas (<http://vanat.cvm.umn.edu/mriBrainAtlas/>)
(©2009) — **T.F. Fletcher** and T. Saveraid
45. Canine Head MRI Atlas (<http://vanat.cvm.umn.edu/mriHeadAtlas/>)
(©2009) — **T.F. Fletcher** and T. Saveraid
46. Carnivore Muscle Identification (<http://vanat.cvm.umn.edu/muscleQuiz/>)
(©2009) — **T.F. Fletcher**
47. Lab 4: Cranial Nerves (<http://vanat.cvm.umn.edu/neurLab4/>)
(©2010) — **T.F. Fletcher**
48. Neurological Lesion Location Exercises (<http://vanat.cvm.umn.edu/locLesion/>)
(©2010) — **T.F. Fletcher** and R. Hardy
49. Veterinary Anatomy Concepts Checker (<http://vanat.cvm.umn.edu/anatConcepts/>)
(©2010) — **T.F. Fletcher**
50. Neurobiology Concepts Checker (<http://vanat.cvm.umn.edu/neuroConcepts/>)
(©2011) — **T.F. Fletcher**
51. Embryology Highlights: Nervous System (<http://vanat.cvm.umn.edu/nsEmbryo/>)
(©2011) — **T.F. Fletcher**

D. Software Development Support:

MinneMac (U. of Minnesota & Apple Computer Co.)

- (1988) Macintosh SE computer and ImageWriter II printer (PI)
- (1990) Macintosh SE-30 computer and ImageWriter II printer (PI)
- (1991) Macintosh IICI computer & high resolution color monitor (PI)
- (1995) Macintosh Power Mac 7100/66AV & Audio-Visual monitor (PI)
- (1996) Mac. Performer 6300/100 16MB RAM 1.2GB hd 4xCD-ROM (PI)

University of Minnesota Academic Health Center Instructional Computing Awards:

- (1989) Canine Bones; Cranial Nerves— \$4,000 (PI)
- (1991) Spinal Cord — \$4,000 (PI)
- (1992) Neuroscience Video Disk— \$4,716 (Collaborator)
- (1992) Pet Epidemiology — \$5,284 (Collaborator)
- (1993) Veterinary Embryology — \$4,400 (PI)
- (1994) Radiographic Anatomy — \$4,487 (Collaborator)
- (1995) Veterinary Neurology — \$7,518 (Co-PI)

- (1996) Canine Tomographic Anatomy — \$3,961 (Co-PI)
 (1999) Neuroscience Instruction web site — \$12,000 (PI)

University of Minnesota Technology Enhanced Learning competitive awards:

- (1998) Technology Enhanced Learning Innovation Award for
 Veterinary Anatomy Courseware — \$3,000 Award
 (2000) Web Based Delivery of Planar Anatomy Images — \$6,729 (PI)
 (2001) Neuroscience Multimedia web site — \$9,886 (Co-PI with A. Beitz & V. Cox)
 (2004) Video Learning Objects for Veterinary Clinical Neurology — \$5,739 (Co-PI with R. Hardy & A. McVey)
 (2006) Clinical Anatomy Integrated Learning Modules — \$4,000 (Co-PI with C. Clarkson)
 (2008) Mastery of Veterinary MRI Interpretation — \$9,200 (Co-PI with T. Saveraid (PI)

E. Books and Book Chapters (large-type entries are teaching related):

1. Suzuki, K., Y. Suzuki, and **T. F. Fletcher**: Further studies on galactocerbroside 3-galactosidase in globoid cell leukodystrophy. pp. 487-498 in *Sphingolipids, Sphingolipidoses and Allied Disorders* vol. 19 of *Advances in Experimental Medicine and Biology*. Edited by B. W. Volk and S. M. Aronson. Plenum Press, New York, 1972.
2. **Fletcher, T. F.** and H. J. Kurtz: Globoid cell leukodystrophy, Krabbe's disease. in *Animal Models of Human Disease*. Published by Registry of Comparative Pathology, Armed Forces Institute of Pathology, Washington, D. C. 20305, 1972.
3. **Fletcher, T. F.**: Anatomy of Pelvic Viscera. In "Symposium of Neurology of Visceral Function", ed. J. E. Oliver; *Veterinary Clinics of North America* Vol. 4, No. 3, W. B. Saunders Co., Phila., PA. pp. 471-486, 1974.
4. Constantino-Ceccarini, E., **T. F. Fletcher**, and K. Suzuki: Glycolipid metabolism in the canine form of globoid cell leukodystrophy. In *Current Trends in Sphingolipidoses and Allied Disorders*; ed. B. W. Volk and L. Schneek. Plenum Press, New York, 1976.
5. **Fletcher, T. F.**: Spinal Cord and Meninges. Chapter 16 in Miller's *Anatomy of the Dog*, 2nd edition; ed. H. E. Evans and G. C. Christensen; W. B. Saunders Co., 1979.
6. **Fletcher, T. F.**: Globoid-cell Leukodystrophy (Krabbe's Disease). Chapter 216, *Spontaneous Animal Models of Human Disease*. Vol. II: ed. Andrews, E. J., Ward, B. C. and Altman, N. H.; American College of Laboratory Animal Medicine Series. Academic Press, New York. 1979. pp. 140, 141.
7. Yamanaka, T., **T. F. Fletcher**, C. W. Tiffany and K. Suzuki: Galactosylceramide metabolism in different regions of the central nervous system: Possible correlation with regional susceptibility in genetic leukodystrophies. In *Lysosomes and Lysosomal Storage Diseases*; ed. J. W. Callahan and J. A. Lowden. Raven Press, New York. 1981. pp. 147-155.

8. **Fletcher, T.F.:** The Nervous System. Chapter 6 in *Textbook of Veterinary Histology*, 3rd ed., Ed. Dellmann, H-D. and E. Brown. Lea and Febiger, Philadelphia, 1987.
9. Feeney, D.A., **T.F. Fletcher** and R.M. Hardy: *Atlas of Correlative Imaging Anatomy of the Normal Dog: Ultrasound and Computed Tomography*. W. B. Saunders Company, Philadelphia, 1991.
10. **Fletcher, T.F.:** The Nervous System. Chapter 6 in *Textbook of Veterinary Histology*, 4th ed., Ed. Dellmann, H-D. Lea and Febiger, Philadelphia, 1992.
11. **Fletcher, T. F.:** Spinal Cord and Meninges. Chapter 14 in Miller's *Anatomy of the Dog*, 3rd edition; ed. H. E. Evans; W. B. Saunders Co., 1993.
12. Beitz, A.J. and **T. F. Fletcher:** The Brain. Chapter 16 in Miller's *Anatomy of the Dog*, 3rd edition; ed. H. E. Evans; W. B. Saunders Co., 1993.
13. Osborne, C. A. and **T. F. Fletcher:** Applied Anatomy and Physiology of the Urinary System with Clinicopathologic Correlation. Chapter 1 in *Canine and Feline Nephrology and Urology*; ed. C. A Osborne and D. R. Finco; Baltimore, Williams & Wilkins, 1995 pp 3-28.
14. **Fletcher, T. F.:** Applied Anatomy and Physiology of the Feline Lower Urinary Tract. In "Disorders of the Feline Lower Urinary Tract", ed. C. Osbore, J. Kruger, and J. Lulich; *Vet Clinics N Amer: Sm An Pract* Vol. 26, No. 2, W. B. Saunders Co., Philadelphia, 1996. pp.181-196,
15. **Fletcher, T.F.:** Nervous Tissue. Chapter 6 in *Textbook of Veterinary Histology*, 5th ed., ed. Dellmann, H-D and Eurell JA. Lea and Febiger, Philadelphia, 1998. pp 91-113.
16. **Fletcher, T.F.:** and S. A. Malkmus: Spinal anatomy of experimental animals. Chapter 3 in *Spinal Drug Delivery*. ed. T.L. Yaksh. Elsevier Science, New York, 1999. pp 71-96.
17. Beitz A.F. and **Fletcher T.F.:** Chapter 6 Nervous Tissue in *Textbook of Veterinary Histology*, 6th ed., edited by JA Eurell and BL Frappier; Blackwell Publishing, Ames 2006.
18. **Fletcher TF:** Canine Brain Transections Atlas in *Practical Guide to Canine and Feline Neurology* 2nd ed.; edited by Curtis Dewey; Blackwell Publishing, Ames 2008. pp 633-649.
19. C. E. Clarkson and **T. F. Fletcher:** Anatomy of the Kidney and Proximal Ureter in *Nephrology & Urology of Small Animals*; edited by J. Bartges & D. Polzin; Blackwell Publishing, Ames (2011).
20. **T. F. Fletcher** and C. E. Clarkson: Anatomy of the Lower Urogenital Tract in *Nephrology & Urology of Small Animals*; edited by J. Bartges & D. Polzin; Blackwell Publishing, Ames (2011).
21. **T. F. Fletcher** and C. E. Clarkson: Physiology of the Lower Urogenital Tract in *Nephrology & Urology of Small Animals*; edited by J. Bartges & D. Polzin; Blackwell Publishing, Ames (2011).

F. Invited Presentations (since 2000):

- “Veterinary Anatomy Web Site – Templates for Other Disciplines”, U of MN Health Sciences Best Practices Institute Workshop, 5/18/09 Moss Tower
- “Canine Head MRI Atlas”, Technology Enhanced Learning Grants Poster Session, 5/4/09 Walter Library
- “Veterinary Anatomy Courseware Examples”, CVM Friday Noon Teaching Sessions, 4/17/09 VMC Bldg
- “Canine Brain MRI Atlas”, Technology Enhanced Learning and Assessment in Health Professions Education, 4/8/09 Walter Library
- “Case-Based Surgical Anatomy”, Technology Enhanced Blended Learning, 2/15/07 Peters Hall, Presented by C. Clarkson, PI
- “Case-Based Surgical Anatomy”, Technology Enhanced Learning Grants Poster Session, 4/27/07 Coffman Union, Presented by C. Clarkson, PI
- “Anatomy of Veterinary Anatomy Web Site”, Comparative Biomedical Sciences Seminar, 2/9/05 AS/VM Bldg
- “Video Clips in Teaching Veterinary Neurology Syndromes”, Technology Enhanced Learning Grants Poster Session, 4/15/05 Coffman Union, with R. Hardy
- “Minnesota Veterinary Anatomy Server”, Annual Meeting of American Association of Veterinary Anatomists, 7/21/05 Saint Paul
- “Organizational Features of the WWW”, Annual Meeting of American Association of Veterinary Anatomists, 7/21/05 Saint Paul
- “Value of Video Clips in Teaching Veterinary Neurology Syndromes”, Technology Enhanced Learning Seminar, 10/8/04 Carlson School of Management, Presented by R. Hardy
- “Using DHTML to Construct Interactive Web Sites”, Health Informatics Seminar, 10/12/00 University of Minnesota, Mpls Campus
- “Web-Based Delivery of Veterinary Anatomy Images”, Technology Enhanced Learning Seminar, 3/23/00, University of Minnesota, Mpls Campus
- “Demonstrations: Canine Planar Anatomy and Veterinary Anatomy Web Site”, Minnesota Veterinary Medical Association Convention, 2/4-5/00, Minneapolis

Academic Service***A. DEPARTMENTAL SERVICE***

- Coordinator of Veterinary Anatomy Professional Courses
- Director of Graduate Studies (Veterinary Anatomy)
- Veterinary Biology Tenure and Promotion Committee
- Budget Advisory Committee
- Salary Adjustments Committee (Chair)
- Veterinary Biology and Pathobiology Departments Merger Committee
- Committee to establish a faculty merit review processes (Chair)
- Veterinary PathoBiology Merit Review Committee (Chair)
- Veterinary PathoBiology Awards Committee
- Veterinary PathoBiology Post-Tenure Review Committee (Chair)

B. COLLEGE OF VETERINARY MEDICINE

- First-year Class Advisor
- College Computing Coordinator
- Research Committee (Chair)
- Curriculum Committee (Chair)
- Collegiate Promotion and Tenure Committee (Chair)

CVM Careers Committee (Chair)
 CVM Honors Committee
 Research Executive Committee (Chair)
 Veterinary Public Health Review Committee (Chair)
 Single Quarter Leave Committee
 Supervisor of Collegiate Morphometric Lab
 Advisor to Zoo, Exotic Animal and Wildlife Club
 CVM Library Committee
 Space Allocation Advisory Committee
 Long Range Planning Committee
 Student Center Board of Governors
 Advisor to Minnesota Veterinarian
 Numerous search committees, either member or Chair
 Secretary of the Faculty
 CVM Equal Opportunity Officer
 CVM Grievance Officer
 CVM Information Technology Planning and Advisory Committee
 CVM Equal Opportunity and Affirmative Action Liaison Person
 CVM Faculty Council (Chair)
 CVM Information Resources Committee
 CVM Admissions and Scholastic Standing Committee
 CVM Student Progress Committee

C. UNIVERSITY

Health Sciences Educational Policy Review Committee
 University Management Information Systems Advisory Committee
 University Information Technology Customer Committee
 University of Minnesota Senator
 Member of Senate Committee on Committees

D. NON-UNIVERSITY

Nomina Anatomica Veterinaria - Member, Nervous System Comm.
 Nomina Anatomica Veterinaria - Member, Sense Organs Comm.
 American Association of Veterinary Anatomists:
 Constitution Review Committee (Chair)
 Local arrangement for 1993 Annual Meeting (Chair)
 Awareness Committee (U of MN representative)
 Committee to select Outstanding Anatomist
 Phi Zeta Faculty Achievement Award Selection Committee (Chair)
 Minnesota Veterinary Medical Association Web site Committee
 Minnesota Veterinary Historical Museum (web master: <http://hist.cvm.umn.edu/>)

Research

A. Research Grant Funding (PI):

"Neurological Studies in Domestic Animals" 1965—1973, PI,
 University of Minnesota, Agricultural Experiment Station
 "Developmental Nervous Disorders: Krabbe's Disease" 1968—1982, PI,
 NIH Research Grant

B. Publications:

Original Papers in Refereed Journals

1. **Fletcher, T. F.**, H. J. Kurtz, and D. G. Low: Globoid cell leukodystrophy (Krabbe type) in the dog. *J.A.V.M.A.*, 149:165-172, 1966.
2. **Fletcher, T. F.** and R. L. Kitchell: Anatomical studies on the spinal cord of the dog. *Am. J. Vet. Res.*, 27:1759-1767, 1966.
3. **Fletcher, T. F.** and R. L. Kitchell: The lumbar, sacral, and coccygeal dermatomes of the dog. *J. Comp. Neurol.*, 128:171-180, 1966.
4. Herin, R. A., P. T. Purinton, and **T. F. Fletcher**: Electroencephalography in the unanesthetized dog. *Am. J. Vet. Res.*, 29:329-336, 1966.
5. **Fletcher, T. F.**: Ablation and histopathologic studies on myoclonia congenita in swine. *Am. J. Vet. Res.*, 29:2255-2262, 1968.
6. Newton, C. and **T. F. Fletcher**: Effect of motor cortex ablation on conditioned learning in sheep. *Am. J. Vet. Res.*, 20:1765-1772, 1969.
7. **Fletcher, T. F.**, R. F. Hammer, and W. E. Bradley: Nerve endings in the urinary bladder of the cat. *J. Comp. Neurol.*, 136:1-20, 1969.
8. Bradley, W. E. and **T. F. Fletcher**: Neural innervation of the mammalian urinary bladder. *J. Urol.*, 101:846-853, 1969.
9. **Fletcher, T. F.** and W. E. Bradley: Comparative morphologic features of urinary bladder innervation. *Am. J. Vet. Res.*, 30:1655-1662, 1969.
10. Oliver, J. E., W.E. Bradley, and **T. F. Fletcher**: Identification of preganglionic parasympathetic neurons in sacral spinal cord of the cat. *J. Comp. Neur.*, 137:321-328, 1969.
11. Oliver, J. E., W. E. Bradley, and **T. F. Fletcher**: Spinal cord representation of the micturition reflex. *J. Comp. Neur.*, 137:329-346, 1969.
12. Berry, J. F., **T. F. Fletcher**, and M. Bovis: Phospholipid class and fatty acid composition of developing spinal cord in normal pigs and in congenital tremor (myoclonia congenita). *Lipids*, 4:623-627, 1969.
13. **Fletcher, T. F.**: The canine lumbosacral plexus and pelvic limb myotomes. *Am. J. Vet. Res.*, 31:35-41, 1970.
14. Oliver, J. E., W. E. Bradley, and **T. F. Fletcher**: Spinal cord distribution of the somatic innervation of external urethral sphincter in the cat. *J. Neurol. Sci.*, 10:11-23, 1970.
15. **Fletcher, T. F.** and W. E. Bradley: Afferent nerve endings in the urinary bladder of the cat. *Am. J. Anat.*, 128:147-158, 1970.
16. **Fletcher, T. F.**: Electroencephalographic features of leukodystrophic disease in the dog. *J.A.V.M.A.*, 157:190-198, 1970.

17. **Fletcher, T. F.**, D. G. Lee, and R. F. Hammer: Ultrastructure of globoid leukodystrophy in the dog. *Am. J. Vet. Res.*, 32:177-181, 1970.
18. Kurtz, H. J. and **T. F. Fletcher**: Peripheral neuropathy of globoid cell leukodystrophy in dogs. *Acta Neuropathol.*, 16:226-232, 1970.
19. Benson, R. O. and **T. F. Fletcher**: A study of the canine ansa cervicalis and its variability. *Am. J. Vet. Res.*, 32:1163-1168, 1971.
20. **Fletcher, T. F.**, H. J. Kurtz, and E. M. Stadlan: Experimental Wallerian degeneration in peripheral nerves of globoid cell leukodystrophic dogs. *J. Neuropath. Exper. Neurol.* 30:593-602, 1971.
21. Suzuki, Y., J. Austin, D. Armstrong, K. Suzuki, J. Schlenker, and **T. F. Fletcher**: Studies in globoid leukodystrophy: enzymatic and lipid findings in the canine form. *Exp. Neurol.*, 29:65-75, 1970.
22. Purinton, T., **T. Fletcher**, W. Bradley: Sensory perikarya in autonomic ganglia. *Nature New Biol.*, 231:63-64, 1971.
23. **Fletcher, T. F.** and H. J. Kurtz: Globoid cell leukodystrophy, Krabbe's disease. *Am. J. Path.*, 66:375-378, 1972.
24. Purinton, P. T., **T. F. Fletcher**, and W. E. Bradley: Gross and light microscopic features of the pelvic plexus in the rat. *Anat. Rec.*, 175:697-706, 1973.
25. Uemura, E., **T. F. Fletcher**, V. A. Dirks, and W. E. Bradley: Distribution of sacral afferent axons in cat urinary bladder. *Am. J. Anat.*, 136:305-314. 1973.
26. Uemura, E., **T. F. Fletcher**, and W. E. Bradley: Distribution of lumbar afferent axons in muscle coat of cat urinary bladder. *Am. J. Anat.*, 139:389-398. 1974.
27. Suzuki, Y., T. Miyatake, **T. F. Fletcher**, and K. Suzuki: Glycosphingolipid 3-Galactosidases III. Canine form of Globoid cell leukodystrophy; comparison with the human disease. *J. Biol. Chem.*, 249:2109-2112. 1974.
28. Martin, W. D., **T. F. Fletcher**, and W. E. Bradley: Perineal musculature in the cat. *Anat. Rec.*, 180:3-4, 1974.
29. Martin, W. D., **T. F. Fletcher**, and W. E. Bradley: Innervation of feline perineal muscles. *Anat. Rec.*, 180:15-30, 1974.
30. Uemura, E., **T. F. Fletcher**, and W. E. Bradley: Distribution of lumbar and sacral afferent axons in submucosa of cat urinary bladder. *Anat. Rec.* 183:579-588, 1975.
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