

CURRICULUM VITAE

June, 2008

Marvin Samuel Cannon

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Education:

1957-1960	B.S. Biological Science	University of Toledo Toledo, Ohio
1962-1965	M.S. Cellular Biology	University of Toledo Toledo, Ohio
1966-1969	Ph.D. Human Anatomy University	The Ohio State College of Medicine Columbus, Ohio

Professional and Teaching Experience:

1962-1965	Graduate Teaching Associate	University of Toledo Department of Biology Toledo, Ohio
1967-1969	Graduate Teaching Associate	The Ohio State University Department of Anatomy Columbus, Ohio
1969-1971	Research Associate in the Laboratory of Dr. Martha E. Sucheston working on the Developmental Anatomy and Histochemistry of the Adrenal Gland in Man and the Mouse.	
1971-1973	Assistant Professor of Biology	Capital University Department of Biology Columbus, Ohio
1973-1976	Assistant Professor of Anatomy	The University of Texas Medical Branch Galveston, Texas

1976-1992	Associate Professor of Anatomy and Neurobiology	Texas A&M University, Health Science Center College of Medicine College Station, Texas
1989-1990 (Sept-Feb)	Acting Head of Anatomy and Neurobiology	Texas A&M University, Health Science Center College of Medicine College Station, Texas
1993 (Sept)	Professor of Anatomy and Neurobiology Dept. of Anatomy & Neurobiology	Texas A&M University, Health Science Center College of Medicine
1996- present	Visiting Professor Dept. of Veterinary Integrative Biomedical Sciences	Texas A&M University College of Veterinary Medicine College Station, TX

Additional Information:

1962-1965	Laboratory Technician Department of Pathology	Mercy Hospital Toledo, Ohio
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Research Areas:

1. Comparative hematology/hematopoiesis
2. Metabolism and histochemistry of microvasculature
3. Secondary interest in medical/dental history

Teaching Awards:

Outstanding Lecturer in First Year College of Medicine, 1981-1982.

The Hindsight Award for his hard work and dedication in Medical Microanatomy (Histology) in the first year, from 2nd year class (graduating class of 1992).

The Association of Former Students of Texas A&M University Distinguished Teaching Award for the Year 1995.

1995-1998 Veterinary Microanatomy (Laboratory).

Teaching Activities:

1999- present Veterinary Histology & Embryology. Undergrad. Histology.

1977- 1999 Medical Microanatomy (course coordinator) and Medical Gross Anatomy(Lab)(1977-1979), Texas A&M University, College of Medicine, College Station,

- Texas (64 students). Course formulation, including writing of Medical Microanatomy Syllabus, tissue collection, etc., Medical Microanatomy (1976- present).
- 1995-1998 Veterinary Microanatomy (Laboratory).
- 1992-1993 Participant in HCOE (Hispanic Center of Excellence) summer program. Texas A&M University, College of Medicine. College Station, Texas.
- 1989-1992 Participant in the Summer Bridge to Medicine Program for minority and/or disadvantaged undergraduate students. Texas A&M University, College of Medicine. College Station, Texas.
- 1989-1990 Medical Humanities Discussion Groups.
- 1988-1991 Principles of Basic Medical Sciences 601-602 (3 hours of lecture).
- 1983,1986 Hemopoiesis. A one quarter course given as requested (max.-3 Med. Students).
- 1973-1976 Medical Histology, The University of Texas Medical Branch, Galveston, Texas (212 students). Course coordinator (1974-1976).
- 1974-1975 Human Gross Anatomy(a few lecs), The University of Texas Medical Branch, Galveston, Texas.
- 1974-1975 Developmental Anatomy (Medical Embryology) (several lecs), The University of Texas Medical Branch, Galveston, Texas.
- 1974-1975 The Autonomic Nervous System: 16-hour course for minority students. Summer Enrichment Program, University of Texas Medical Branch, Galveston, Texas.
- 1974 Lectures to Paramedical Students, The University of Texas Medical Branch, Galveston, Texas.
- 1974 National Board Review Program, Medical Histology and Embryology, The University of Texas Medical Branch, Galveston, Texas.
- 1971-1973 Human Anatomy for Nurses and Allied Sciences, Capital University, Columbus, Ohio. Course formulation, lecture and laboratory.
- 1971-1973 Comparative Vertebrate Anatomy, Capital University.
- 1971-1973 Vertebrate Embryology, Capital University.
- 1971-1973 General Biology, Capital University.

- 1973 Coordinator for Faculty and Student Seminars in Biology, Capital University.
- 1972 Special Course in the Connective Tissues, Capital University.
- 1972 Histology and Histological Laboratory Technique, Capital University.

Research Funds:

Grants Funded:

Sucheston ME, and MS Cannon. "The Pre and Postnatal Development, Histochemical Demonstration of Certain Enzymes and the Electron Microscopy of the Adrenal Gland of the Mongolian Gerbil (*Meriones unguiculatus*)." The Ohio State University, The Bremer Foundation Fund; Grant No. 7113, 1971; \$2,800.00.

Cannon MS. "The Determination of Ultrastructural and Enzyme Alterations in the Liver of Hypo and Hyperthyroid Rats." TAMU Mini-Grant, 1976; \$400.00, Acct. No. 15707.

McCullough LB and MS Cannon. "An Investigation of the Historical Development of Scientific Explanations for the Causes of Genetic Defects." TAMU Mini-Grant, 1977; \$350.00, Acct. No. 15707.

Gelderderd JB, MS Cannon and DE Bowers. "Development of Therapeutic Measures to Relieve Permanent Paralysis Following Spinal Cord Injury." Paraplegia Cure Research Foundation, June 1979-June 1980 \$21,375.00.

Gelderderd JB, MS Cannon, DE Bowers, WP Fife and DW Welch. "Investigation of Therapeutic Procedures to Prevent Permanent Paralysis Following Spinal Cord Trauma." Office of University Research, TAMU, Sept. 1979-Aug. 1980; \$25,000.00.

Bowers DE, GK Rieke, MS Cannon and MS Amoss. "Aging, Hypertension and Stroke: An Ultrastructural and Histochemical Study of Small Stroke Prone Vessels of the Brain." General Research Support Funds of College of Medicine, TAMU, Nov. 1979-Aug. 1980; \$10,016.00.

Cannon Marvin S. "Coronary Microvasculature in Thyrotoxicosis." American Heart Association, Texas Affiliate, July 1, 1980-June 30, 1981; \$9,694.00.

Smigiel MS, MS Cannon, GK Rieke and JW Wagner. "Age Related Changes in Human Cerebrum and Associated Microvasculature." Scott and White Clinic and Endowment Fund, September 15, 1981-September 14, 1982; \$35,383.00.

Cannon MS and JE Quarles. "Blood Cell Development and Differentiation." Incentive grant from the Center for Teaching Excellence, TAMU. January, 1989- no specific time limit; \$1,000.00.

Gross DR, RH Hawyard, MS Cannon and NHC Hwang. "Formation of the Cardiovascular Devices Unit." TAMU College of Veterinary Medicine Interdisciplinary Research Grant. January, 1989- no specific time limit; \$3,500.00.

Lewis, D.H., P. Frelrier, R. Sis and M.S. Cannon. "Detection and Host Response to Infectious Hypodermal Hematopoietic Necrosis (IHNN) Virus in Penaeid Shrimp." Expanded Research Activity of the Texas Agriculture Experiment Station (TAES). September 1989 - December 1991; \$40,000.00.

Miller, D.R. (P.I.), J. Shepitka, W.A. Hyman, M.S. Cannon and I. Tizard. "In Situ crosslinked Collagen for an Advanced Wound Seal." NIH. September 1, 1993 - February 28, 1994; \$49,996.00.

Invited Presentations:

"The Role of the Writer." Publications Seminar, Biological Photographic Association, Southwest Chapter of the Biological Photographic Association (BPA), October 2, 1974, Galveston, Texas.

"The Scientist, the Microscope and the Toad." Biological Photographic Association, Southwest Chapter of the Biological Photographic Association (BPA), October 4, 1974, Galveston, Texas.

"Morphology and Mode of Secretion in Amphibian Venom-Producing Glands." Department of Anatomy, George Washington University Medical Center, March 2, 1976.

"Amphibian Venom-Producing Glands." Department of Anatomy, Program in Medicine, Texas A&M University, May 13, 1976.

"The Electron Microscopy and Histochemistry of Venom-Producing Glands." Department of Anatomy, The University of Mississippi Medical Center, Jackson, Mississippi, June 8, 1976.

"Motivation and Job Satisfaction Among Students and Young Workers."
For the MICA Corporation at Las Vegas, Nevada, January 29, 1982.

"Hyperthyroidism and the Coronary Vasculature." Department of Medical Pharmacology, Texas A&M University, May 17, 1982.

"Thyroid Function and the Coronary Vessels." Department of Anatomy, Northeastern Ohio Universities, College of Medicine, Rootstown, Ohio, October 13, 1986.

Editorial Responsibility:

Editorial advisor, 1975, for "Biocommunications", the newsletter of the Southwest Chapter of the Biological Photographic Association.

Editorial Board of the "Faculty Forum" newsletter, 1992. College of Medicine, TAMU.

Reviewer (present time) for Anatomical Record, Copeia, J Hist Med & Allied Sci, Canadian J Zoology, New Zealand J. Zoology.

Reviewer of microanatomy and cell biology programs for the Health Sciences Consortium, Inc, Chapel Hill, NC.

Membership in Scientific Societies and cited in:

American Association of Anatomists
Pan American Association of Anatomy
Southern Society of Anatomists
Lepidopterists' Society
Sir William Osler Society for the History of Medicine
Texas Society for Electron Microscopy
American Men and Women of Science
Who's Who in the South
National Society for Histotechnology

Committee Responsibilities:

International Studies (Capital University, 1972-1973)
Security Committee (Capital University, 1972-1973)
Member of Graduate Faculty (Univ. of Texas Medical Branch, 1973-1976)
Interviewer for Committee in Medical Admissions (UTMB, 1974)
Committee on Human Research (UTMB, 1974-1976)
Member of Graduate Faculty (Texas A&M University, 1976-present)
Laboratory Animal Resources Committee (College of Medicine, Texas A&M University, 1976-1981)
Faculty Advisory Committee (Vice-Chairman) (Texas A&M University, 1976-1981)
Member of Ad Hoc Committee to study alternate academic calendar for years 1 and 2 of medical curriculum (Texas A&M University, 1977)
GCR Member of Graduate Advisory Committee of John S. Caldwell, Ph.D. degree in Bio-Engineering (Texas A&M University, 1977)
GCR Member of Graduate Advisory Committee of James E. Newberry, Ph.D. degree in Health and Physical Education (Texas A&M University, 1985)

GCR Member of Graduate Advisory Committee of Hong Chae Woo, Ph.D. degree in Electrical Engineering (Texas A&M University, 1989)

Interviewer for Committee on Medical Admissions (Texas A&M University, 1978)

Interim Appointment to Promotion Committee III (College of Medicine, Texas A&M University, Jan-Sept., 1981)

Faculty Distinguished Achievement Award Selection Committee (Texas A&M University, 1981)

Medical College Commencement Committee (Texas A&M University, 1981-1992)

University Library Council (Texas A&M Univ., 1982-1986)

Departmental Coordinator for Graduate Studies (Dept. of Anatomy, College of Medicine, Texas A&M University, 1982-1989)

Committee on Graduate Admissions and Recruitment (College of Medicine, Texas A&M University, 1986-1989)

Education Committee (Chair, Dept. of Anatomy and Neurobiology, College of Medicine, Texas A&M University, 1993)

Office Committee (Dept. of Anatomy and Neurobiology, College of Medicine, Texas A&M university, 1993)

Education and Space & Resources Committees (Dept. of Anatomy and Neurobiology, College of Medicine, Texas A&M University, 1997-1998)

Medical Sciences Library Council (College of Medicine, Texas A&M University, 1996 - 1999).

Bibliography:

Books:

Sucheston ME and MS Cannon, 1973. Congenital Malformations: Case studies in developmental anatomy. FA Davis Co, Philadelphia, 250 pp.

Book Contributions:

Craigmyle MBL, 1986. Color Atlas of Histology. 2nd Edn, Year Book Medical Publ, Inc, Chicago, 176 pp. A contribution of 5 color photographs to this atlas.

Laboratory Manuals:

Cannon MS, JW Wagner and LH Schultz, 1977-1993. *Medical Microanatomy Syllabus*. Copyright Cannon, Wagner, and Schultz, 60 pp, 16th Ed.

Publications in Scientific Journals:

1. Cannon MS and LC Holcomb, 1968. The effect of DDT on reproduction in mice. *Ohio J Sci*, **68**:19-24.

2. Sucheston ME and MS Cannon, 1968. Nomenclature of a developmental zone of the adrenal cortex of mammals. *Gen Com Endocr*, **11**:603-607.
3. Sucheston ME and MS Cannon, 1968. Development of zonular patterns in the human adrenal gland. *J Morph*, **126**:477-491.
4. Sucheston ME and MS Cannon, 1969. Variations in the appearance of human elastic cartilage. *Ohio J Sci*, **69**:366-371.
5. Sucheston ME and MS Cannon, 1970. Microscopic comparison of the normal and anencephalic human adrenal gland with emphasis on the transient-zone. *J Obstet Gynec*, **35**:544-553.
6. Palkuti GA and MS Cannon, 1971. Photography of human musculature. *J Biol Photographic Assoc*, **39**:85-88.
7. Sucheston ME and MS Cannon, 1971. Eustachian tube of several mammalian species. *Arch Otolaryn*, **93**:58-64.
8. Cannon MS and GA Palkuti, 1971. Attraction of *Speyeria aphrodiate* to ultra-violet light. *J Lepid Soc*, **25**:150.
9. Sucheston ME and MS Cannon, 1972. The transient-zone in the human and mouse adrenal gland. *Ohio J Sci*, **72**:120-126.
10. Hostetler JR and MS Cannon, 1974. The Anatomy of the parotoid gland in *Bufo* with some histochemical findings. I. *Bufo marinus*. *J Morph*, **142**:225-240.
11. Cannon MS and ES Alexander, 1974. A medical illustration department goes under (Techniques of undersea photography for the Flower Gardens Coral Reefs). *Industrial Photography*, **23**:16-19, 59.
12. Callas G and MS Cannon, 1975. Alterations in the fine structure of hepatocytes in hyperthyroid rats. *Anat Rec*, **181**:71-82.
13. Cannon MS, 1975. A recollection of Pearl Grey: The dentist who extracted the purple from the sage. *Bull Hist Dent*, **23**:69-71.
14. Cannon MS and ES Alexander, 1976. Publishing techniques for the biophotographer. *J Biol Photographic Assoc*, **44**:88-92.
15. Cannon MS and JR Hostetler, 1976. The anatomy of the parotoid gland in *Bufo* with some histochemical findings. II. *Bufo alvarius*. *J Morph*, **148**:137-160.
16. Hostetler JR, MS Cannon and WD Belt, 1976. Crystalloid configurations in the adrenal cortex of the Siamese tree shrew (*Tupaia glis*). *Anat Rec*, **185**:381-388.

17. Cannon MS, AM Cannon, GA Palkuti and ES Alexander, 1977. A modification of the periodic acid-Schiff reaction for embedded tissues. *Lab Med*, **8**:16-17.
18. Cannon MS and ES Alexander, 1977. The Flower Gardens Coral Reefs. *Tex J Sci*, **28**:99-102.
19. Cannon MS, DC Brindley and M McGill, 1978. The paracnemid gland of *Bufo alvarius*. *Tex J Sci*, **30**:133-143.
20. Sucheston ME, MS Cannon, J Hensel-Powers, GA Palkuti and D Given, 1978. Eutherian adrenal cortex. *Mammalia*, **42**:229-234.
21. Cannon MS, CE Jones, AM Cannon and LH Schultz, 1978. A histochemical study of the microvasculature in the left and right cardiac ventricles of the dog. *Anat Rec*, **192**:325-336.
22. Lewis DH, TE Eurell, MS Cannon and LC Grumbles, 1979. T and B cell analogues from peripheral blood of immune channel catfish, *Ictalurus punctatus*. *J Fish Biol*, **14**:31-37.
23. Oyen OJ, RW Rice and MS Cannon, 1979. Browridge structure and function in extant primates and Neanderthals. *Am J Phys Anthropol*, **51**:83-95.
24. Cannon MS and AM Cannon, 1979. The blood leukocytes of *Bufo alvarius*: a light, phase-contrast and histochemical study. *Canad J Zool*, **57**:314-322.
25. Cannon MS, AM Cannon and JB Gelderd, 1979. An improved stain for connective tissue cells in plastic embedded sections. *Lab Med*, **10**:783-785.
26. Cannon MS and LH Schultz, 1980. A combined resorcin-crystal violet-periodic acid-Schiff stain. *Am J Med Tech*, (A technical note) **46**:113-114.
27. Cannon MS, HH Mollenhauer, TE Eurell, DH Lewis, AM Cannon and C Tompkins, 1980. An ultrastructural study of the leukocytes of the channel catfish, *Ictalurus punctatus*. *J Morph*, **164**:1-23.
28. Cannon MS, JW Wagner, JB Gelderd and LH Schultz, 1980. Histochemistry of the myocardium and its vasculature in the normal rat. *Acta anat*, **106**:434-442.
29. Jones CE and MS Cannon, 1980. The myocardium and its vasculature: a histochemical comparison of the normal and chronically sympathectomized dog heart. *Histochemical J*, **12**:9-22.
30. Cannon MS, HH Mollenhauer, AM Cannon, TE Eurell and DH Lewis, 1980. Ultrastructural localization of peroxidase

- activity in neutrophil leukocytes of *Ictalurus punctatus*. *Canad J Zool*, **58**:1139-1143.
31. Bowers DE, GK Rieke and MS Cannon, 1981. Mast cells in the pigeon olfactory bulb. *Avian Diseases*, **25**:136-150.
 32. Bowers DE, NA Connors and MS Cannon, 1981. Irradiated salivary glands in the rhesus monkey. A light microscopic study. *J Med Primatology*, **10**:228-239.
 33. Jones CE and MS Cannon, 1981. Evidence for increased protein synthesis in myocardial microvessels after chronic sympathectomy in the dog. *Acta anat*, **109**:313-320.
 34. Cannon MS, AM Cannon and LH Schultz, 1981. Triple staining for pancreatic islet cells in plastic-embedded sections. *Lab Med*, **12**:503-505.
 35. Cannon MS, ED Kapes and AM Cannon, 1982. A modification of the periodic acid-Schiff technique employing dimedone as an aldehyde blocking reagent for plastic-embedded sections. *Lab Med*, **13**:102-105.
 36. Cannon MS, AM Cannon, JB Gelderd and DE Bowers, 1982. Nonspecific esterase activity in plastic-embedded tissues using Meldola Blue. *Am J Clin Pathol*, **77**:465-467.
 37. Cannon MS, CE Jones and TV Peterson, 1982. A histochemical evaluation of metabolism in the coronary vasculature of the primate. *Bld Vessels*, **19**:186-196.
 38. Bowers DE, MS Cannon and DH Jones, 1982. Ultrastructural changes in livers of young and aging rats exposed to methylated benzenes. *Am J Vet Res*, **43**:679-683.
 39. Cannon MS, ED Kapes, JW Wagner, GC Godwin and JB Gelderd, 1982. A histochemical study of the coronary vasculature in euthyroid and hyperthyroid rats. *Acta anat*, **113**:296-312.
 40. Sampson HW, DE Bowers, MS Cannon and I Piscopo, 1982. Intracellular calcium localization in stimulated and non-stimulated extraorbital lacrimal glands of rats. *Tissue and Cell*, **14**:735-749.
 41. Cannon MS, HW Sampson, ED Kapes and AM Cannon, 1983. General purpose, rapid reliable stain for plastic-embedded tissue sections. *Lab Med*, **14**:363-365.
 42. Cannon MS and AM Cannon, 1983. Meldola Blue for the cytochemical demonstration of leukocyte dehydrogenases. *Am J Med Tech* (A technical note), **49**:115-119.
 43. Cannon MS and JB Gelderd, 1983. Spinal cord vasculature of the rat: A histochemical study of the metabolism of arteries and arterioles. *Stroke*, **14**:611-616.

44. Cannon MS, 1984. A histochemical study of the metabolism of rat renal arteries and arterioles. *Angiology*, **35**:129-136.
45. Trulson ME, MS Cannon and ED Kapes, 1984. A rapid histological technique for localizing recording sites in single unit electrophysiological studies *In Vitro*. *Brain Res Bull*, **13**:685-687.
46. Rieke GK and MS Cannon, 1985. A histochemical study of cerebral cortical vessels and ganglionic vessels of the caudatoputamen in aging normotensive rats. *Stroke*, **16**:285-292.
47. Cannon MS, ED Kapes and GA Palkuti, 1985. "Dr. Black and the amalgam question". *J Hist Med Allied Sci*, **40**:309-326.
48. Cannon MS, JB Gelderd, ED Kapes and JW Wagner, 1985. Metabolism of coronary vasculature in euthyroid, hyperthyroid and recovering hyperthyroid rats: A histochemical study. *Acta anat*, **123**:58-63.
49. Cannon MS, ED Kapes and ME Trulson, 1985. A metabolic profile of the rat caudate microvasculature: A histochemical study. *Brain Research*, **343**:194-197.
- *50. Trulson ME, MS Cannon and JD Raese, 1985. Identification of dopamine-containing cell bodies in the dorsal and medial raphe nuclei of the rat brain using tyrosine hydroxylase immunochemistry. *Brain Res Bull*, **15**:229-234.
- *51. Trulson ME, MS Cannon, TS Faegg and JD Raese, 1985. Effects of chronic methamphetamine on the nigral-striatal dopamine system in rat brain: Tyrosine hydroxylase immunochemistry and quantitative light microscopic studies. *Brain Res Bull*, **15**:569-577.
52. Sampson HW and MS Cannon, 1986. Zonal analysis of metabolic profiles of articular-epiphyseal cartilage chondrocytes: A histochemical study. *Histochemical J*, **18**:233-238.
53. Cannon MS, ED Kapes and ME Trulson, 1986. A histochemical examination of the metabolic profiles of rat ventral tegmental area and substantia nigra arterioles. *Neuroscience Letters*, **64**:91-96.
54. Cannon MS, ED Kapes and ME Trulson, 1986. Effects of methamphetamine on arterioles of rat caudate nucleus and midbrain. *Acta anat*, **127**:226-229.
55. Cannon MS, HW Sampson and ME Trulson, 1987. Demonstration of glycogen in neutrophils using a PAS-Dimedone technique. *Lab Med*, **18**:35-36.

56. Cannon MS, ED Kapes and ME Trulson, 1987. Mesencephalic arteriolar and neuronal metabolic profiles from fresh and *in vitro* incubated tissue sections in the mouse: A histochemical approach. *Acta anat*, **129**:136-139.
57. Cannon MS, HW Sampson and ED Kapes, 1987. The blood leukocytes of *Bufo marinus*: a light, phase-contrast, and histochemical study. *Canad J Zool*, **65**:1445-1453.
- *58. Trulson ME, MS Cannon, TS Faegg and JD Raese, 1987. Tyrosine hydroxylase immunocytochemistry and quantitative light microscopic studies of the mesolimbic dopamine system in rat brain: Effects of chronic methamphetamine administration. *Brain Res Bull*, **18**:269-277.
59. Sampson HW, MS Cannon and RW Davis, 1987. The calcified amorphous layer of the skin of *Bufo marinus*. *J Zool*, (London), **213**:63-69.
60. Cannon MS, NR Stuth and JJ Darcy, 1988. Iron pyronine and alcian blue for staining acid mucin in plastic-embedded sections. *Am J Clin Pathol*, **89**:511-512.
61. Cannon MS, HW Sampson, ED Kapes and JB Gelderd, 1988. Cytochemistry of the blood basophil of *Bufo marinus*. *J Herpetol*, **22**:389-393.
62. Cannon MS, NR Stuth and D.McGuinn, 1992. A connective tissue stain for glycol methacrylate-embedded tissue sections. *Lab Med*, **23**:185-186.
63. Kuo L, MJ Davis, MS Cannon and WM Chilian, 1992. Pathophysiological consequences of atherosclerosis extend into the coronary microcirculation. Restoration of endothelium-dependent responses by L-arginine. *Circ Res*, **70**:465-476.
64. Cannon MS, D McGuinn and NR Stuth, 1992. Combined microwave stain for plastic embedded sections of nerve and connective tissue. *J Histotechnol*, **15**:113-115.
65. Weldon PJ and MS Cannon, 1992. Histology and histochemistry of Rathke's glands of juvenile Kemp's Ridley sea turtle (*Lepidochelys kempi*). *Zool Jb Anat*, **122**:67-78.
66. Cannon MS, 1992. The morphology and cytochemistry of the blood leukocytes of Kemp's Ridley sea turtle (*Lepidochelys kempi*). *Canad J Zool*, **70**:1336-1340.
67. Burattini R, L. Montanari, LJ Mulligan, MS Cannon and DR Gross, 1992. Evaluation of hypercholesterol diet induced changes in viscoelastic properties of the

- carotid circulation in pigs. *Am J Physiol.* 263 (*Heart and Circ. Physiol.* 32): H1919-H1926.
68. Cannon MS and NR Stuth, 1993. Combination hematoxylin-eosin--rose bengal and resorcin-fuchsin connective tissue stain for glycol methacrylate embedded sections. *J Histotechnol*, **16**:141-142.
69. Liao G, JA Winkles, MS Cannon, 1993. L Kuo and WM Chilian. Dietary-induced atherosclerotic lesions have increased levels of acidic FGF mRNA and altered cytoskeletal and extracellular matrix mRNA expression. *J Vascular Res*, **30**:327-332.
70. Cannon, MS, PS Freed and DA Freed, 1994. A bright field and phase-contrast study of the leukocytes in *Hemidactylus turcicus*. *Zoologischer Anzeiger*, **232**:51-60.
71. Cannon MS, DA Freed and PS Freed, 1996. The leukocytes of the rougtail gecko, *Cyrtopodion scabrum*: A bright-field and phase-contrast study. *J World Assoc Vet Anat, Anatomia Histologia Embryologia*, **25**:11-14.
72. Cannon, MS, RW Davis and PJ Weldon, 1996. Dorsal glands of alligator mississippiensis: a histological study. *J Zool* (London), **239**:625-631.

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The articles with an asterisk are ones which I have written to the journals expressing my lack of confidence in the probity of the senior author. They are retained in the CV for completeness of the record. The remaining articles with Trulson are not in doubt.

Notes:

1. Cannon MS and GA Palkuti. Marine toad (*Bufo marinus*) in captivity. Newsletter-No. 7 of the Brit. *J Herpetology*, **11**:6-7, 1973.
2. Cannon MS and GA Palkuti. A note on repair of lepidoptera. *News of the Lepid Soc*, **6**:2, 1974.
3. Cannon MS, M McGill and DC Brindley. The ultrastructural localization of glucose-6-phosphatase in the parotoid gland of *Bufo alvarius*. *Copeia*, **4**:715-718, 1978.
4. Sucheston ME and MS Cannon. Cortex of the suprarenal (adrenal) gland of *Phoca vitulina Richardi*. *Ohio J Sci*, **80**:140-144, 1980.

Letters:

1. Cannon MS and GA Palkuti. The parotoid gland of *Bufo* sp. *Toxicon*, **14**:149-151, 1976.

Book Reviews:

1. Cannon MS, 1980. A review of: *Ciertas Practicas Odontologicas de los Aborigenes del Nuevo Mundo* by Focion Febres-Cordero. *J Hist Med & Allied Sci*, **35**:357-358.
2. Cannon MS, 1981. A review of: *An X-Ray Atlas of the Royal Mummies* by JE Harries and EF Wentz. *J Hist Med & Allied Sci*, **36**:351-352.
3. Cannon MS, 1983. A review of: *Identification of Pathological Conditions in Human Skeletal Remains* by DJ Ortner and WGJ Putschar. *J Hist Med & Allied Sci*, **38**:196.
4. Cannon MS, 1986. A review of: *Dentistry: An Illustrated History* by ME Ring. *J Hist Med & Allied Sci*, **41**:356-357.

Abstracts:

1. Welch ME and MS Cannon, 1968. Development of zonular patterns in the human adrenal gland. I. *Anat Rec*, **160**:449.
2. Sucheston ME and MS Cannon, 1969. Microscopic comparison of normal and anencephalic human adrenals. *Anat Rec*, **163**:271.
3. Sucheston ME and MS Cannon, 1970. The transient-zone: A comparison of pertinent developmental features in the human and mouse adrenal glands. *Anat Rec*, **166**:385.
4. Sucheston ME and MS Cannon, 1971. Transient-zone. *Anat Rec*, **169**:468.
5. Sucheston ME and MS Cannon, 1972. Some developmental aspects of the adrenal gland of the Mongolian gerbil (*Meriones unguiculatus*). *Archives Mexicanos de Anatomia*, **39**:15 (abstract); III Pan American Congress of Anatomy Abstracts.
6. Hostetler JR and MS Cannon, 1973. The parotoid gland of *Bufo marinus*. A morphological and histochemical analysis. *Anat Rec*, **175**:346.
7. Sucheston ME, MS Cannon, J Hensel and D Given, 1974. A comparative survey of morphological and cytochemical variations in the adrenal cortex of several mammalian species. *Anat Rec*, **178**:502.
8. Cannon MS, 1975. The morphology and histochemistry of the parotoid gland in *Bufo alvarius*. *Anat Rec*, **181**:325.

9. Wilhelm GB, MS Cannon and ES Alexander, 1975. Patent Ductus Arteriosus: An historical survey from Galen to Gross. *Anat Rec*, **181**:509.
10. Cannon MS and GA Palkuti, 1976. A comparison of the parotoid gland in two *N.A. bufonidae*. *Anat Rec*, **184**:370.
11. Cannon MS, JR Hostetler and GA Palkuti, 1976. Parotoid gland of *Bufo alvarius*. *Texas Society for Electron Microscopy Newsletter*, **6**:53.
12. Cannon MS, DC Brindley and M McGill, 1977. The paracnemid gland of *Bufo alvarius*. *Anat Rec*, **187**:544.
13. Cannon MS, TE Eurell, HH Mollenhauer, DH Lewis, C Tompkins and AM Cannon, 1979. The blood leukocytes of *Ictalurus punctatus*. *Texas Society for Electron Microscopy Newsletter*, **10**:36.
14. Cannon MS, TE Eurell, HH Mollenhauer, D. Lewis, C Tomplins and AM Cannon, 1979. Teleost blood leukocytes. *Anat Rec*, **193**:496.
15. Rieke GK, DE Bowers and MS Cannon, 1979. Putative tissue basophil/mast cell: a resident of the pigeon olfactory bulb. *Soc Neurosci Abs*, **5**:432.
16. Bowers DE, MS Cannon, DW Welch and WP Fife, 1980. Ultrastructural (TEM & SEM) aspects of rat transected spinal cords—effects of hyperbaric oxygen (HBO) and dimethyl sulfoxide (DMSO) therapy. *Anat Rec*, **196**:22A.
17. Bowers DE, JB Gelderd, WP Fife, DW Welch and MS Cannon, 1980. An ultrastructural study of transected spinal cords in rats treated with hyperbaric oxygen and dimethyl sulfoxide. *Abstracts of the Tex Med Assoc*, 113th Session, p. 52.
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Additional Information:

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Member of the Board of Directors, Beth Shalom Temple, 1982-1983; 1989.

Faculty participant in the Bryan High School and Texas A&M University joint mentorship program for gifted high school seniors, 1984.