

CURRICULUM VITAE
Anton G. Hoffman, D.V.M., Ph.D.

PRESENT POSITION AND ADDRESS:

Title: Clinical Associate Professor
Office: Dept. of Veterinary Integrative Biosciences
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EDUCATION:

<u>Degree/Training</u>	<u>Conferring Institution</u>	<u>Field</u>	<u>Year</u>
Ph.D.	Texas A&M University	Veterinary Anatomy	1992
D.V.M.	Texas A&M University	Veterinary Medicine	1986
B.S.	Texas A&M University	Veterinary Science	1985

PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS:

2003 to present	Clinical Associate Professor Dept. of Veterinary Integrative Biosciences, TAMU
1998 to 2003	Senior Lecturer Dept. of Veterinary Anatomy & Public Health, TAMU
1993 to 1998	Lecturer Dept. of Veterinary Anatomy & Public Health, TAMU
1991 to 1993	Asst. Professor, non-tenure track Dept. of Veterinary Anatomy & Public Health, TAMU
1987 to 1991	Veterinary Clinical Associate Dept. of Veterinary Anatomy & Public Health, TAMU
1986 to 1987	Veterinarian (small animal practice) San Antonio, TX
1984 to 1986	Medical Illustrator Dept. of Veterinary Anatomy & Public Health, TAMU

CLINICAL SPECIALTY/BOARD CERTIFICATION: DVM Texas license #6014 (active)

AWARDS AND HONORS:

Recipient of the Carl J. Norden/Phizer Distinguished Teacher Award, 1996
Distinguished Leadership Award, International Directory of Distinguished Leadership, 1996
Namesake for Fish Camp 1997, Texas A&M University
Nominated for Association of Former Students Distinguished Achievement Award,
Individual Student Relations, 1997
Nominated for Association of Former Students Distinguished Achievement Award,
Teaching, 1999
Nominated for Association of Former Students Distinguished Achievement Award,
Individual Student Relations, 2000
Named the instructor who most contributed to their veterinary medical education in basic
and pre-clinical sciences by the Class of 1999 (former students survey).
Recipient of the Association of Former Students' Distinguished Achievement Award
for Teaching, College Level, 2001
Nominated for Association of Former Students Distinguished Achievement Award,
Teaching, University Level, 2004
Nominated for Association of Former Students Distinguished Achievement Award,
Teaching, University Level, 2006
Recipient of the John H. Milliff Award for Teaching, 2006
Recipient of the Carl J. Norden/Phizer Distinguished Teacher Award, 2007
Recipient of the Association of Former Students' Distinguished Achievement Award
for Teaching, University Level, 2007
Nominated for the National Carl J. Norden/Phizer Distinguished Teacher Award, 2007

EDITORIAL BOARDS:

None

GRANT REVIEW COMMITTEES:

None

MEMBERSHIP ON NATIONAL COMMITTEES, COUNCILS AND PANELS

1. Served as a 2007 Qualifying Examination question writer for the National Board of Veterinary Medical Examiners (NBVME). This is an annual appointment by the NBVME which requires attendance of two question writing/reviewing conferences (March, 2007 and September, 2007) and the writing of 50 National Board questions.

TEACHING EXPERIENCE:

My primary responsibilities focus on teaching undergraduate and professional courses offered by the Department of Veterinary Integrative Biosciences (formerly Veterinary Anatomy and Public Health). The undergraduate courses I teach are VIBS 305 (Biomedical Anatomy) and VIBS 485 (Special Problems). In the professional program I teach VIBS 910 (Gross Anatomy I), VIBS 912 (Gross Anatomy II), VIBS 913 (Microscopic Anatomy II, Neuroanatomy), and VMID 936 (Surgery II course in the 3VM curriculum). VIBS 305 is an introductory undergraduate gross anatomy course that has a heavy emphasis on laboratory dissection of the dog (model species). It is taught every semester of the year and I am typically either coordinate or assist the 10-week summer session. VIBS 485 is a special problems course that I offer each semester to biomedical science undergraduate students who work on various anatomic projects such as skeletal preparation, dissection of models for plastination, or anatomic computer assisted instructional programs. VIBS 910 is a comprehensive gross anatomy course which focuses on small animal anatomy (primarily dog and cat). It is the first of two required gross anatomy courses taken by first-year veterinary students. Again, it is a course that greatly emphasizes laboratory dissection. Live animal palpation is also an important part of this course as well as normal radiographic anatomy. VIBS 912 is the second required gross anatomy course in the professional curriculum that focuses on farm animal species. I typically assist in the laboratories and lectures of this course in the spring semester. VIBS 913 (Neuroanatomy) is taught in the last 9 weeks of the first-year spring semester. This course emphasizes anatomy of the gross brain and spinal cord, as well as clinical localization of neurological lesions. Currently I assist with the laboratory sessions and working with students on performing and interpreting the neurological examination. I plan to coordinate the course in 2009. Lastly, VMID 936 is a third-year surgery course that is offered in the spring semester. The course is both an orthopedic techniques course as well as an "anatomy refresher" course for third-year students while it focuses on applied surgical anatomy of companion animals.

Undergraduate:

<u>Course Title</u>	<u>Institution</u>	<u>Credit Hr</u>	<u>% of Course</u>	<u>Formal Contact Hr</u>	<u>Dates</u>
VIBS 305*	TAMU	4	100	150/semester	Summer 1992-2000, 2003, 2006
VIBS 305*	TAMU	4	100	210/semester	Spring 1995 & 2002
VIBS 305	TAMU	4	70	150/semester	Spring 1998 & 2000
VIBS 305	TAMU	4	50	150/semester	Summer 2002 & 2004-2005, 2007
VIBS 305	TAMU	4	20	90/semester	Spring 1997, 1999 & 2001
VIBS 485*	TAMU	3	100	920 (total)	1995-2006 (46 students)

Professional:

<u>Course Title</u>	<u>Institution</u>	<u>Credit Hr</u>	<u>% of Course</u>	<u>Formal Contact Hr</u>	<u>Dates</u>
VIBS 910*	TAMU	4	100	230/semester	Fall 1993-2007
VIBS 910	TAMU	4	100	180/semester	Fall 1987-1992
VIBS 912	TAMU	4	100	200/semester	Spring 1988-91, 1994, 1996-97, 1999-01, 2003-07

VIBS 913	TAMU	4	100	180/semester	Spring 2007-08
VIBS 948*	TAMU	1	100	16/semester	Spring 2000, 2003-04
VMID 936*	TAMU	2	50	24/semester	Spring 2005-08
VIBS 985*	TAMU	4	100	60/semester	Summer 1995, 1996, 1999, 2002-05

Graduate:

<u>Course Title</u>	<u>Institution</u>	<u>Credit Hr</u>	<u>% of Course</u>	<u>Formal Contact Hr</u>	<u>Dates</u>
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None

(* Course Coordinator/Lead Instructor)

Graduate Students:

<u>Name</u>	<u>Degree</u>	<u>Institution</u>	<u>Advisor or Committee Member</u>	<u>Dates</u>
Bob Spillers	M.S.	TAMU	Member	1996 - 1998
Shelle Smith	MS	TAMU	Member	2003 - 2005
Catherine Ruoff	MS	TAMU	Co-Advisor	2007 - present

TEACHING PROGRAMS

Computer Programs Developed:

1. Canine Radiographic Anatomy, Hoffman, A., Farnsworth, C., and S. Genzer.
(In press for publication by Texas A&M University Press, Spring 2009)
2. Canine Palpation, Hoffman, A., C. Herman, in progress.

RESEARCH/SCHOLARLY ACTIVITIES:

Development of a small ruminant dissection guide (with Dr. C. Herman); in progress
 Development of a canine radiographic anatomy computer program for professional students, practitioners and technicians.
 Development of teaching radiographs and line drawing correlates for professional students.
 College of Veterinary Medicine Signature program: "Interactive Learning Program for Equine Anatomy and Clinical Science". Principal investigator: Dr. L. Jaeger; Co-investigators: Drs. K. Carter, J. Snell, W. Moyer, L. Ruoff, A. Hoffman, C. Farnsworth, C. MacFarlane. Awarded May 1999 - \$20,000.
 Production of numerous anatomic illustrations for undergraduate and professional students.
 Production of numerous anatomic illustrations (collaborative with other faculty) for various peer reviewed manuscripts, books, book chapters and presentations.
 Co-author and anatomic consultant (collaborative with other faculty) for various peer reviewed manuscripts, books and book chapters.
 Development of numerous plastinated models utilized in VAPH teaching program, 1994-2008.
 Produced illustrations for chapter entitled "Anatomy of the Lamellar Interface" in the Hoof Project lecture series (electronic publication @ www.hoofproject.com), 2004.

BIBLIOGRAPHY:

Publications in Refereed Journals:

1. Kramer J, Coates JR, Hoffman AG, Frappier BL. Preliminary Anatomic Investigation of Three Approaches to the Equine Cranium and Brain for Limited Craniectomy Procedures. *Vet Surg.* 36:500-508, 2007 July.
2. Levine JM, Levine GJ, Hoffman AG, Bratton GR. Comparative Neuroanatomy of the Ox and Horse: Brain and Associated Vessels. *Equine Comp Cont Educ Pract Vet.* 3:153-164, 2007 April.
3. Levine JM, Levine GJ, Hoffman AG, Mez J, Bratton GR. Comparative Anatomy of the Horse, Ox, and Dog: The Vertebral Column and Peripheral Nerves. *Equine Comp Cont Educ Pract Vet.* 2:279-292, 2007 Sept/Oct.
4. Illustrator for: Ducote JM. Dewey CW. Coates JR. Clinical forms of acquired myasthenia Gravis in cats. *Compendium on Continuing Education for the Practicing Veterinarian.* 21(5):440+, 1999 May.
5. Illustrator for: Dewey CW. Acquired myasthenia gravis in dogs pt.1. *Compendium on Continuing Education for the Practicing Veterinarian.* 19(12):1340 ff., 1997 Dec.
6. Taylor, D.S., Honnas, C.M., Pascoe, J.R., Hoffman, A.G. Management of flexor tendon lacerations in horses. *Compend. Contin. Educ. Pract. Vet.*, **19**:238-245, 1997
7. McClure, S.R., Taylor, T.S., Honnas, C.M., Schumacher, J., Chaffin, M.K., Hoffman, A.G. Permanent tracheostomy in standing horses: Technique and results. *Vet. Surgery*, **24**:231-234, 1995.
8. Honnas, C.M., Schumacher, J., McClure, S.R., Crabill, M.R., Carter, G.K., Schmitz, D.G., Hoffman, A.G. Treatment of olecranon bursitis in 10 horses. *JAVMA*, **206**(7):1022-1026, 1995.
9. Zamos, D.T., Honnas, C.M., Hoffman, A.G. Arthroscopic approach and intraarticular anatomy of the plantar pouch of the equine tarsocrural joint. *Vet. Surgery*, **23**:161-166, 1994.
10. Hoffman, A.G., Burghardt, R.C., Tilley, R.D., Auersperg, N. An *in vitro* model of ovarian epithelial carcinogenesis: Changes in cell-cell communication and adhesion occurring during neoplastic progression. *Int. J. Cancer*, **54**:828-838, 1993.

Refereed Proceedings/Monographs:

1. Co-author (Hulse, Hoffman, Kerwin): "Shoulder joint arthroscopy" (Case Reports and Clinical Studies). European Society of Veterinary Orthopaedics and Traumatology. Ludwin-Maximilian-Universitat; Munich, Germany. Fall 2004.
2. Produced illustrations for "Evaluation of the Mechanistic Pathways of Developmental and Acute Laminitis," presented by David Hood at American Association Equine Pract. Research Symposium, Louisville, KY, 2004.

Abstracts:

1. Burghardt, R.C., Hoffman, A.G., Stein, L.S. Comparative analysis of the effects of T antigen and c-H-ras on cell-cell communication in rat ovarian cells following *in vivo* and *in vitro* selection for transformation. *J. Cell Biol.*, **115**:192a, 1991.
2. Stein, L.S., Hoffman, A.G., Echols, J., Boonstra, J., Auersperg, N., Burghardt, R.C. relationship of cell-cell communication to mitotic activity, morphology, and multistep transformation in rat ovarian cells. *J. Cell Biol.*, **111**:278, 1990.

Presentations:

1. Hoffman, A.G., Farnsworth, C.C., Eckman, S.L. Canine Radiographic Anatomy – An Interactive Educational CD. 2008 Meeting of American Association of Veterinary Anatomists, Texas A&M University, College Station, Texas; July 22-24, 2008.

Chapters:

1. Coates, J., A. Hoffman, and C. Dewey. 2003. Surgical approaches to the spine. In: Textbook of Small Animal Surgery. (Ed. D. Slatter), 3rd ed., Saunders, Philadelphia, pp. 1148-1163.

Textbooks:

1. A Practical Guide to Canine and Feline Neurology. (Ed. C. Dewey), Iowa State Press, Ames, Iowa. 2003. (Illustrated by A. Hoffman and C. Rudowsky).

Computer Programs:

1. Canine Radiographic Anatomy, Hoffman, A., Farnsworth, C., and S. Genzer. 2000 (Accepted for publication by Texas A&M University Press, 2008)

Non-Refereed Publications: (optional)

1. Hoffman, A.G., Burghardt, R.C. Oncogene-mediated transformation: An *in vitro* model of ovarian epithelial carcinogenesis. *VCS Newsletter*, **16**(3):6-7, 1992.

PATENTS AND RELATED DISCOVERY ACTIVITIES:

None

OTHER SCHOLARLY ACTIVITY:

Conferences, Symposia: Organized/Chaired:

1. Attended “Options in Medical Education” workshop, University of New Mexico Medical School, Feb. 3-7, 1992. This was a week-long workshop on problem-based learning in a medical environment.
2. Audited VAPH 689, “Education in a Veterinary Medical Environment” course for professional development in innovative teaching strategies; TAMU, 1992.
3. Attended “Diversity: Connecting the Pieces” conference at TAMU, Nov. 20, 1993. This was an all-day conference addressing, among other issues, teaching style learning style interactions with students from a diverse background.
4. Audited EDTC 651, “Computer-assisted Instruction” course; TAMU, 1993.
5. Active member on grant: “Faculty Development in Non-traditional Instruction Formats” (TAMU-CVM Enhancement Grant awarded to Dr. Mary Herron), 1991 - 1993. Participants traveled to workshops at medical institutions where problem-based learning was being utilized to train students. Participants also organized a faculty-development workshop at TAMU-CVM on “Evaluation in a Problem based Learning Curriculum” during the spring, 1993.
6. Participant of Center for Teaching Excellence (CTE) sponsored workshop: “Workshop on Team/Group Learning”, presented by Dr. Larry Michaelsen of the University of Oklahoma. Spring 1995.
7. Participant of “Internet Usage/Distance Education” workshop, hosted by the Center for teaching Excellence, TAMU. Spring 1997.
8. Participant of “Learning in Small Groups” workshop presented by Dr. Peter Cohen and Dr. Bill Babler. Hosted by CVM Education Interest Group. Spring 1997.
9. Participant of the “Fifth Interim Plastination Conference & Workshop”, hosted by the College of Veterinary Medicine, University of Tennessee. Summer 1997.
10. Participant of “The First Perot International Orthopedics Symposium”, hosted by the College of Veterinary Medicine, Texas A&M University. October, 1998.
11. Participant in Peer Review Project offered by the Center for Teaching Excellence, Texas A&M University. This is a year-long project designed to create a community of scholars who engage in regular, substantive peer review of teaching. The project goal is to help faculty become skilled as writers and readers of course portfolios. 2006-2007.
12. Attended the 11th annual Wakonse South conference, April 4-6, 2008. Wakonse South is a forum for exploring learning and the teaching that leads to learning, as well as sharing skills and resources. The principal aim is to bring good college teachers together to learn from one another in a supportive environment where they can rekindle the spirit for teaching. The Wakonse Fellowship brings together faculty, teaching and learning professionals from postsecondary

institutions who recognize and are devoted to the inspirational aspect of teaching and learning process. Wakonse is an organization of individuals dedicated to promoting and sharing with colleagues the excitement and satisfaction of teaching in higher education.

Invited Presentations, Symposia, Colloquia and Named Lectures:

1. Presented a lecture to parents at the CVM's annual Parents Weekend, 2001, 2003, 2005-07
2. Presented "Anatomy at the College of Veterinary Medicine" for the Curing and Caring TV program with Dr. Lynn Ruoff, January 2001
3. Presented a talk on "Anatomy at the CVM" for Aggie Hostel, June 7, 2001
4. Presented talk entitled: "*Anatomy and Physiology of Injection Sites*" at the Euthanasia Training Workshop for Animal Care Training Program and Texas Animal Control Association, Fall 2000 & 2004
5. Invited to give presentation on Veterinary osteology and radiography to 24 7th-12th grade students, Veterinary Medicine Youth Camp at Texas A&M University, Galveston, June, 2002
6. Designed, coordinated and implemented 2 Youth Adventure Programs (YAP) in the field of veterinary medicine. These camps were offered in July 2002 and approximately 24 6th - 12th grade students participated in each. The YAP campers spent 6 hours each day at the CVM under my supervision. Activities ranged from presentations (e.g., equine medicine, neurology) to observations (e.g., small animal surgery, cardiology) to actual hands-on activities (e.g., large animal ultrasound, gross anatomy, parasitology)
7. Designed, coordinated and co-taught (with Dr. Lynn Ruoff) a 7-day, Veterinary Medicine youth camp (TAG - Talented and Gifted) at Texas A&M University, Galveston. Twenty-two junior high and high school age students participated in this week long camp. The primary focus of the camp was two-fold. First and foremost, we exposed the students to as many varied veterinary experiences as possible by arranging various tours, presentations and "wetlabs" at small animal practices, large animal practices, racetrack veterinary facilities, MD Anderson and UTMB laboratory animal facilities, the Houston Zoo's veterinary facilities, etc. Second, formal laboratory teaching sessions were conducted to expose the students to several major fields of veterinary study. June, 2003
8. Served as a laboratory instructor for the "Small Animal Orthopedics" continuing education course offered by the CVM Office of Continuing Education, November, 2003
9. Presented talk on Admission to Veterinary School to Blinn College Biomedical Sciences class, 2006

SERVICE ACTIVITIES:

Membership in Professional and Honorary Societies

Brazos Valley Veterinary Medical Association (BVVMA), 1995
American Association of Veterinary Anatomists (AAVA), 1988
World Association of Veterinary Anatomists (WAVA), 1994
Phi Kappa Phi, 1991
Phi Zeta, 1985
 Executive Council, 1995-1997
 President Elect, 2005
 President, 2006
Gamma Sigma Delta, 1991
 Treasurer, 1994-1996
 College Representative, 1994 to present

Clinical Service (Advising):

Interviewer for TAMU-CVM applicants, 1992-1994; 2007-2008
Faculty Mentor to 2 third-year veterinary students who received summer research awards under the NIH grant (awarded to Dr. Raymond Sis) "Short-Term Training: Students in Health Professional Schools", 1995-1996
Member of TAMU Mentors Program (student advising), 1991 to present
Faculty Advisor to Open House, 1995 to present
Organized anatomy presentation for Veterinary Enrichment Camps, 1996 to present
Member of Odyssey Mentors Group, TAMU-CVM, 1995-1997
Faculty Advisor to CVM Haunted House, 1996-2002
Faculty Advisor to the Corps of Cadets, Squadron 13, 1997
Faculty Advisor to International Veterinary Student Association, 1997
Supervising veterinarian, SCAVMA Rabies Clinic, 1997 & 1999
Faculty Advisor to Class of 2000 Yearbook, 1998-2000
Faculty Advisor to the TAMU, CVM classes of 1999-2001, 2004, & 2008
Q&A Selections Committee Panel at CVM Open House, 2000-2006
CVM Faculty Mentor, 2001 to present
Organized AAFP wetlab for CVM-TAMU, 2002-2007
Numerous talks and presentations to 6th-12th grade students at the Veterinary Medicine Youth Adventure Program (2 sessions); July, 2002
Presented talk to 7th-12th grade students at the Veterinary Medicine youth camp at Texas A&M University, Galveston; June, 2002
Designed, coordinated and co-taught a 7-day, Veterinary Medicine youth camp (TAG – Talented And Gifted) at Texas A&M University, Galveston; June, 2003
Faculty Advisor to class of 2005 BBQ
Presented a talk to an introductory Biomedical Science class at Blinn College in October, 2006: "Veterinary School and the Selections Process"

Clinical Service (Administrative):

Director of Gross Anatomy Laboratory, VAPH, 1994 to present

Director of Gross Plastination Laboratory, VAPH, 1994 to present

Administrator of teaching cadaver procurement and supervisor of emblaming for all VAPH gross anatomy courses, 1994 to present:

- Worked with CVM, University and LARR to actively negotiate renewal of contract with Harris County Animal Control, 1997
- Initiated and developed relationship with San Antonio Animal Control for procurement of cadavers, 1997-2000
- Initiated and developed contract with Navasota for procurement of cadavers, 1999-2001
- Worked with LARR to initiate and implement a contract with the City of Giddings Animal Control for procurement of cadavers, 2001 to present
- Initiated, developed and currently supervise VAPH Body Donation Program, 1999 to present

Maintain Animal Use Protocols for VAPH 910, VAPH 912 and VAPH 305 courses

Supervisor of VAPH technical personnel, 1994 to present:

- Mr. Marvin Bockhorn, 1994-2001
- Mr. Wayne Shults, 1994-1998
- Mr. Dean England, 1999-2005
- Ms. Tevyan Wharton, 2001 - 2003
- Ms. Elizabeth Robison, 2003 – 2004; 2005 to present
- Mr. Charles Leggett, 2004 to present

Supervisor of summer veterinary student workers, 1994 to present

Administrator of departmental animal inventory, 1994 to present

Supervisor of DEA purchases and records, 1994 to present

Safety compliance with EHSD for gross anatomy, osteology and plastination laboratories, 1994 to present

Building proctor (bldg. 507), 1999 to present

Asst. Fire Marshall (bldg. 507), 1999 to present

Renovation of plastination laboratory, 1998

Community Service:

Presented talk “Veterinary Anatomy” to Brazos Co. 4-H, Vet. Sci. Group, 2005, 2007

Presented talks on veterinary medicine to Jane Long Middle School AVID class, 2002-04

Served on ISEF Scientific Research Committee for Science Fair at Jane Long Middle School, 2002-2003

Served as ISEF Scientific Research Committee Chair for Science Fair at College Station Middle School, 2001

Sunday School teacher, Peace Lutheran Church, 1999-2002, 2004-2005

Music Director – Guitar Group, Peach Lutheran Church, 2004-present

Manuscript Review for Journals/Books:

1. Book Prospectus - Anatomy of the Dog: An Illustrated Text and Dissection Guide; Mosby (2000)
2. Book Prospectus - Clinical Approach and Dissection Guide for the Dog and Cat; Iowa St. University Press (1999)

Major Committee Assignments:

Departmental:

Committee to Design Structured Peer Review of Teaching, 1996
Alternate Departmental Representative, Anatomy, 1997-1999
VIBS Controlled Substances Committee, 1999 to present
VIBS Shop and Technical Services Committee, 1999 to present
VIBS Teaching Committee, 1999 to present
VIBS Laboratory Renovation Committee (ad hoc), 1999-2002
VIBS Search Committee for Veterinary Anatomist (ad hoc), 2000-2001
VSAM Search Committee for Soft Tissue Surgeon (ad hoc), 2003 - 2004
VIBS Search Committee for Veterinary Anatomist (ad hoc), 2002 -2005

College:

Task Force for Curricular Improvement, 1991-1992
Open House Committee, 1994 to present
Progress I Committee, 1993 to present
Selections Committee, 1994-1998; 1999-2007(Co-Chair in 1999; Chair in 2000-2001)
Convocation and Commencement Committee, 1995 to present
Student Faculty Relations Committee, 1998 to present (Chair 2000-2004, 2006-present)
First Year Orientation Committee, 2000 to present
Faculty representative to Honor Code Council, 2002 to present
Committee for Coordination of Teaching Animals, 2002 to present
Instructional Technology Enhancement Committee, 2004 to present
Selection Committee for Outstanding Alumnus Award, 2007 to present
Served on peer review of teaching committee for S. Reddy (VTPB) – T&P (ad hoc), 2007

University:

Lecturer Subcommittee to the Faculty Senate, 2000 – 2003, 2005 to present
University Honors Council (CVM representative), 2004 – 2005
Association of Former Students Distinguished Achievement Awards selections committee (teaching), 2008

Professional:

None