

Current Position**June 2011**

Interim Provost and Vice President for Academic Affairs
Provost's Office
Auburn University, Alabama 36849
334-844-5773

Education and Training

- 1969-71 Indiana University, Bloomington, IN
1971-76 **DVM**, Purdue University, West Lafayette, IN
1979-83 Graduate Instructor, Department of Pathobiology,
School of Veterinary Medicine, Purdue University,
West Lafayette, IN
1983 **PhD** in Veterinary Pathology, Purdue University,
West Lafayette, IN
1987 **Diplomate**, American College of Veterinary Pathologists

Professional Experience

- 1977-79 Relief Veterinarian, Eastwood Hills Animal Hospital, Kansas City, MO
1979-83 Graduate instructor, Veterinary Pathology, Animal Disease Diagnostic
Laboratory and Department of Pathobiology, Purdue University, West
Lafayette, IN. Included a four-year practicum in diagnostic pathology, one
year teaching, and four years research experience.
1983-89 Assistant Professor, Department of Pathobiology, Auburn University
1989-95 Associate Professor, Department of Pathobiology, Auburn University
1993-94 Associate Dean for Academic Affairs, Auburn University
1995- Professor, Department of Pathobiology, Auburn University
1995-96 Interim Dean, College of Veterinary Medicine, Auburn University
1996- Associate Director, Alabama Agricultural Experiment Station
1996- Dean, College of Veterinary Medicine

Military:

- 1976-79 Veterinarian, USAF, Veterinary Corps (Active Duty)
1979-81 Veterinarian, USAF Reserve, 434th TFG, Grissom AFB, IN (Reserve Duty)
1981-87 Pathologist, USAF Reserve, Armstrong Aerospace Medical Research
Laboratory, Wright-Patterson AFB, OH (Reserve Duty)
1987-96 Public Health Officer, USAF Reserve, 42nd Medical Group, Maxwell AFB, AL

Membership in Professional Organizations

Association of American Veterinary Medical Colleges
American Veterinary Medical Association
American College of Veterinary Pathologists
Alabama Veterinary Medical Association
Conference of Research Workers in Animal Disease
C.L. Davis Foundation for Advancement of Veterinary Pathology
Phi Kappa Phi
Society of Phi Zeta
Gamma Sigma Delta

Publications

Books

Histological classification of bone and joint tumors in domestic animals. Slayer MV, Boosinger TR, Pool RR, Misdorp W, Larsen S. World Health Organization 1993, 62 pages.

Article-length Publications

Refereed Publications

Brendemuehl JP, Carson RL, Wenzel JGW, Boosinger TR, Shelby RA. Effects of grazing endophyte-infected tall fescue on equine chorionic gonadotropin and progesterone concentrations from gestation day 21 to 300 in the mare. Theriogenology. 48:85-95, 1996.

Brendemuehl JP, Williams MA, Boosinger TR, Ruffin DC. Plasma progesterone, tri-iodothyronine, and cortisol concentrations in postdate gestation foals exposed in utero to the tall fescue endophyte Acremonium coenophialum. Biology of Reproduction Monograph Series, 1:53-59, 1995.

Boosinger TR, Brendemuehl JP, Bransby DI, Wright JC, Kemppainen RJ, Kee DD. Prolonged gestation, decreased tri-iodothyronine and thyroid gland histomorphologic features in newborn foals of mares grazing Acremonium coenophialum infected fescue. American Journal of Veterinary Research. 56:66-69, 1995.

Boosinger TR, Brendemuehl JP, Schumacher J, Bransby DI, Kee DD. Effects of short term exposure to and removal from the fescue endophyte Acremonium coenophialum at day 300 of gestation on pregnant mares and foal viability. Biology of Reproduction, Monograph Series 61-67, 1995.

- Brendemuehl JP, Boosinger TR, Pugh DG, Shelby RA. Influence of endophyte-infected tall fescue on cyclicity, pregnancy rate and early embryonic loss in the mare. Theriogenology 42:489-501, 1994.
- Pinkney RD, Lindsey DS, Blagburn BL, Boosinger TR, McLaughlin SA, Dubey JP. Evaluation of the safety and efficacy of vaccination of nursing pigs with living tachyzoites of two strains of Toxoplasma gondii. Journal of Parasitology 80:438-448, 1994.
- Dillehay DL, Paul KS, Boosinger TR, Fox JG. Enterococcolitis in a hamster (Mersocricetus auratus) colony associated with Escherichia coli and Campylobacter- like organisms. Laboratory Animal Science 44:12-16, 1994.
- Chang CD, Boosinger TR, Dowling PM, McRae EE, Tyler JW, Pugh DG. Nocardiosis in a llama. Journal of Veterinary Diagnostic Investigation 5:631-634, 1993.
- Milton JL, Montgomery RD, Terry GC, Flandry F, Boosinger TR. Results of animal research using cruciate ligament and medical meniscus allografts. Sports Medicine and Arthroscopy Review 1:17-30, 1993.
- Gilger BC, Whitley RD, McLaughlin SA, Wright JC, Boosinger TR. Clinicopathologic findings after experimental implantation of synthetic intraocular lenses in dogs. American Journal of Veterinary Research 54:616-621, 1993.
- Boosinger TR, Dillon AR. Campylobacter jejuni infections in dogs and the effects of erythromycin and tetracycline on fecal shedding. Journal American Animal Hospital Association 28:33-42, 1992.
- Shealy PM, Milton JL, Kincaid SA, Hathcock JT, Boosinger TR, Pernell RT. Osteochondral fragmentation (osteochondrosis) of the canine patella. Veterinary Clinical Orthopedics and Traumatology 5:114-21, 1992.
- Putnam MR, Bransby DI, Schumacher J, Boosinger TR, Bush L, Shelby RA, Vaughan JT, Ball D. Effects of fungal endophyte Acremonium coenophialum in fescue pasture on pregnant mares and foal viability. American Journal of Veterinary Research 52:2071-2074, 1991.
- Wolfe DF, Carson RL, Hudson RS, Boosinger TR, Mysinger PW, Hanrahan LA, Powe TA. Mesothelioma in beef cattle. Journal American Veterinary Medical Association 199:486-491, 1991.
- Mansfield PD, Boosinger TR, Attleberger MH. Infectivity of Malassezia pachydermatis in the external ear canal of dogs. Journal American Animal Hospital Association 26:97-100, 1990.

Boosinger TR, Blevins WT, Heron JV, Sunter JL. Plasmid profiles of six species of Campylobacter from humans, swine and sheep. American Journal of Veterinary Research 51:718-722, 1990.

Wagner-Mann CC, Hanks GH, Purohit RC, Harrison IW, Pablo C, Boudreaux MK, Boosinger TR, Conti J. The pony as a model for vascular implants. Journal of Investigative Surgery 2:75-84, 1989.

Miller WW, Albert RA, Boosinger TR. Postnatal development of the canine photoreceptor inner segment. American Journal of Veterinary Research 50:2089-2100, 1989.

Zerbe CA, Boosinger TR, Grabua JH, Pletcher JM, O'Dorisio TM. Pancreatic polypeptide and insulin secreting tumor in a dog with duodenal ulcers and hypertrophic gastritis. Journal Veterinary Internal Medicine 3:178-182, 1989.

Boosinger TR, Powe TA. Campylobacter jejuni infections in gnotobiotic pigs. American Journal of Veterinary Research 49:456-458, 1988.

Boosinger TR, Zerbe CA, Grabua JH, Pletcher JM. Multihormonal pancreatic endocrine tumor in a dog with duodenal ulcers and hypertrophic gastropathy. Veterinary Pathology 25:237-239, 1988.

Putnam MR, Boosinger TR, Spano JS, Wright JC, Wiggins AG, D'Andrea GH. Evaluation of Cassia obtusifolia (sicklepod) seed consumption in Holstein calves. Veterinary and Human Toxicology 30:316-318, 1988.

Miller WW, Boosinger TR, Maslin WR. Granulomatous uveitis in an owl. Journal American Veterinary Medical Association 193:365-366, 1988.

Miller WW, Boosinger TR. Intraocular osteosarcoma in a feline eye. Journal American Animal Hospital Association 23:317-320, 1987.

Blagburn BL, Lindsay DS, Boosinger TR. Experimental Eimeria deblickei infections in nursing and weaned pigs. Veterinary Parasitology 28:121-123, 1987.

Hendrix CM, Blagburn BL, Boosinger TR. Anatrichosoma sp. infection in a dog. Journal American Veterinary Medical Association 191:984-985, 1987.

Dillon AR, Boosinger TR, Blevins WT. Campylobacter enteritis in dogs and cats. Compendium on Continuing Education, Practicing Veterinarian 9:1176-1184, 1987.

Dillehay DL, Boosinger TR, MacKenzie S. Gastric cryptosporidiosis in a chameleon. Journal American Veterinary Medical Association

189:1139-1140, 1986.

Boosinger TR, Thacker HL, Armstrong CH. Campylobacter sputorum subspecies mucosalis and Campylobacter hyointestinalis infections in the intestine of gnotobiotic pigs. American Journal of Veterinary Research 46:2152-2156, 1985.

Dillehay DL, Boosinger TR, MacKenzie S. Coccidioidomycosis in a tapir. Journal American Veterinary Medical Association 187:1233-1234, 1985.

Render JA, Harrington DD, Wells RE, Dunstan RW, Turek JJ, Boosinger TR. Giant cell tumor of soft parts in six horses. Journal American Veterinary Medical Association 183:790-792, 1983.

Boosinger TR, Rebar AH, DeNicola DB, Boon GD. Bone marrow alterations associated with canine parvovirus enteritis. Veterinary Pathology 19:558-561, 1982.

Boosinger TR, Winterfield RW, Feldman DS, Dillon AS. Psittacine pox virus: virus isolation and identification; transmission, and cross challenge studies in parrots and chickens. Avian Diseases 26:437-444, 1982.

Riviere JE, Boosinger TR, Everson RJ. Inorganic arsenic toxicosis in cattle. Modern Veterinary Practice 62:209-213, 1981.

Non-refereed articles

Salomon RA, Boosinger TR, Bruner RH. Comparative studies of the short-term toxicity of the hydraulic fluids MIL-H-19457C, MIL-H-19457B, and MIL-H-22072B. National Technical Information Service, AAMRL-TR-86-30, 1986.

Keller WC, Anderson ME, Bruner RH, Murphy JP, Back KC, Boosinger TR. Toxicity studies of formaldehyde monoethyl-hydrazone. National Technical Information Service, AAMRL-TR-83-006, 1983.

Papers Presented at Professional Meetings

Boosinger TR, Brendemuehl JP, Schumacher J, Bransby DI, Kee DD. Effects of short term exposure to and removal from the fescue endophyte Acremonium coenophialum at day 300 of gestation on pregnant mares and foal viability. Sixth International Symposium on Equine Reproduction. Caxambu, Brazil, August 1994.

Brendemuehl JP, Williams MA, Boosinger TR, Ruffin DC. Plasma progesterone, tri-iodothyronine, and cortisol concentrations in postdate gestation foals exposed in utero to the tall fescue endophyte Acremonium coenophialum. Sixth International Symposium on Equine Reproduction.

Caxambu, Brazil, August 1994.

Milton JL, Boosinger TR. Meniscal transplantation in the dog: a three week to three year follow-up. Meniscal Transplantation Study Group, American Association of Orthopedic Surgeons, February 1993.

Chang CD, Boosinger TR, Coates JR, Simpson ST. Systemic aspergillosis in a dog. Southeastern Veterinary Pathology Conference, May 1993.

Whitley EM, Boosinger TR, Wolfe DF. Hyperostosis in neonatal pigs. Southeastern Veterinary Pathology Conference, May 1993.

Brendemuehl JP, Boosinger TR, Pugh DG. Effects of grazing Acremonium coenophialum infected tall fescue on cyclicity, pregnancy rates, and embryonic loss rates in mares. American Association Equine Practitioners, December 1993.

Boosinger TR. Effects of endophyte-infected fescue pasture on reproduction in mares. Interdisciplinary Toxicology Seminars, Invited Lecture, College of Veterinary Medicine, University of Illinois, April 1992.

Boosinger TR. Sporotrichosis in the cat. Southeastern Veterinary Pathology Conference, May 1990.

Milton JL, Terry GC, Boosinger TR, Brockbank KG, Hunt JP, McCaa C. Cryopreserved viable, anterior cruciate ligament allograft transplantation. American Orthopedic Society for Sports Medicine, June 1989.

Milton JL, Boosinger TR. Experimental cranial cruciate ligament allografts, meniscus allografts and patellar tendon allografts in dogs. American Association of Orthopedic Surgeons, February 1989.

Blagburn BL, Boosinger TR, Powe TA, Hendrix CM, Arther RG. Anticoccidial effects of toltrazuril against Isospora suis in suckling pigs. Southeastern Animal Disease Research Workers, March 1989.

Blagburn BL, Boosinger TR, Powe TA. Amprolium (Corid) for prevention of porcine neonatal coccidiosis. Annual Meeting of the American Veterinary Medical Association, July 1989.

Sundermann CA, Blagburn BL, Swango LJ, Boosinger TR. Experimental infection of dogs with Caryospora bigenetica (Apicomplexa: Eimeriidae). The Society of Protozoologists, June 1989.

Sundermann CA, Blagburn BL, Swango LJ, Boosinger TR. Experimental infection of dogs with Caryospora bigenetica (Apicomplexa: Eimeriidae).

Annual Meeting of the American Veterinary Medical Association, July 1988.

Blagburn BL, Boosinger TR, Powe TA. Miniature pigs as bioresearch models for porcine neonatal coccidiosis. Annual Meeting of the American Veterinary Medical Association, July 1988.

Boosinger TR, Lindley DM. Intraocular protothecosis in a dog. Southeastern Veterinary Pathology Conference, May 1988.

Boosinger TR, Zerbe CA. Zollinger-Ellison Syndrome in a dog. Southeastern Veterinary Pathology Conference, May 1987.

Boosinger TR, Zerbe CA, Grabua JH, Pletcher JM. Multihormonal pancreatic endocrine tumor in a dog with duodenal ulcers and a hypertrophic gastropathy. Thirty-eighth Annual Meeting, American College of Veterinary Pathologists, November 1987.

Blevins WT, Boosinger TB, Heron JV, Sunter JL, Thomas JM. Plasmid profiles of six species of Campylobacter from humans and domestic animals. Southeastern Regional Microbiology Meetings, American Society for Microbiology, November 1987.

Dillon AR, Boosinger TR. Campylobacter jejuni infections in dogs. National Gaines Symposium, October 1987.

Boosinger TR, Hendrix CM, Blagburn BL. Anatrichosoma species infection in a dog. Southeastern Veterinary Pathology Conference, May 1986.

Boosinger TR, Blagburn BL, Lindsay DS. Morphometric studies of the effects of Isospora suis and Campylobacter species infections in gnotobiotic pigs. Animal Disease Research Workers in Southern States, March 1986.

Boosinger TR. Experimental Campylobacter infections in gnotobiotic pigs. Thirty-seventh Annual Meeting, American College of Veterinary Pathologists, December 1986.

Boosinger TR, Blagburn BL, Lindsay DS. Synergistic effects of Isospora suis and Campylobacter species in gnotobiotic pigs. Conference of Research Workers in Animal Disease, November 1985.

Boosinger TR. Pancreatic endocrine tumors in snakes. Southeastern Veterinary Pathology Conference, May 1984.

Keller WC, Anderson ME, Bruner RH, Boosinger TR. Toxicity studies of monomethylhydrazine. Society of Toxicology, March 1983.

Boosinger TR. Nutritional steatitis in cats. Midwest Association of Veterinary Pathologists, August 1982.

Boosinger TR, Winterfield RW. Poxvirus outbreak in Amazon parrots. North Central Avian Disease Conference, June 1981.

Boosinger TR. Porcine proliferative enteritis, an update. North Central American Association of Veterinary Diagnosticians, June 1980.

Boosinger TR, Riviere JE. Arsenic induced hemorrhagic enterocolitis in cattle. Twenty-third Proceedings of the American Association of Veterinary Laboratory Diagnosticians, October 1980.

Poster Presentations at Professional Meetings

Boosinger TR, Brendemuehl JP, Bransby DI, Wright JC, Kemppainen RJ, Kee DD, Putnam MR. Histomorphometrical evaluation of the thyroid gland and placental lesions in post-mature foals from mares grazing Acremonium coenophialum infected pasture. Forty-second Annual Meeting of the American College of Veterinary Pathologists, December 1991. (Additional presentations: Auburn College of Veterinary Medicine Phi Zeta Forum, 1992 and the College of Veterinary Medicine Open House, 1992.)

Chang CD, Boosinger TR, Wilt GR, Cox NR, Wright JC. Evaluation of gastric Helicobacter pylori infections in weaned pigs on a non-milk based diet. Forty-second Annual Meeting of the American College of Veterinary Pathologists, December 1991. (Additional presentations: Auburn College of Veterinary Medicine Phi Zeta Forum, 1992 and the College of Veterinary Medicine Open House, 1992).

Other Research Contributions

Ad hoc Reviewer, USDA, Enhancing Reproductive Efficiency Program, Competitive Grants (NRICGP), 1994-1995.

Member, USDA Competitive Grants (NRICGP) Review Panel, Mechanisms of Diseases, 1993 (117 grants).

Ad hoc Reviewer, USDA Competitive Grants (NRICGP) Review Panel, Mechanisms of Diseases, 1992.

Poster presentation reviewer, Young Investigator Award, Annual Meeting, American College of Veterinary Pathologists, 1992 and 1993.

Ad hoc Reviewer, Veterinary Pathology (Journal), 1990-1992.

Grants and Contracts

Principal Investigator

American Quarter Horse Association. Boosinger TR, Brendemuehl JP, Pugh DG. Effects of fescue pasture endophyte Acremonium coenophialum on progesterone production and metabolism in pregnant mares, (1992-93) \$14,850.

Birmingham Racing Commission. Boosinger TR, Brendemuehl JP, Pugh DG. Effects of the fescue pasture endophyte Acremonium coenophialum on conception rate, luteal function and early embryonic loss in the mare. (1992-93) \$19,566.

CryoLife Inc. Boosinger TR, Milton JL. Histopathological evaluation of cryopreserved meniscal allografts and meniscectomy. (1990-92) \$13,111.

National Institutes of Health. Boosinger TR, Powe TA. Campylobacter pyloridis in gastric ulcers: a porcine model. (1988-1990) \$48,199.

American Animal Hospital Association Foundation. Boosinger TR, Dillon AR Campylo-bacter jejuni infections in dogs: antimicrobial therapy, antimicrobial resistance and carrier animals. (1989-90) \$6,769.

Auburn University, Animal Health Research (FAHDR-line item). Boosinger TR, Powe TA. Protective mechanisms in the pathogenesis of porcine neonatal coccidiosis (Isospora suis). (1987-1988) \$13,000, (intramural competitive).

I.C. Frederickson Chair, Scott-Ritchey Research Program. Boosinger TR, Dillon AR. Campylobacter jejuni infections in dogs. (1986-87) \$7,021.

Auburn University, Animal Health Research (FAHDR-line item). Boosinger TR, Blevins WT, Powe TA. Campylobacter plasmids in the pathogenesis of porcine proliferative enteritis. (1986-1987) \$13,850, (intramural competitive).

Auburn University, Animal Health Research (FAHDR-line item). Boosinger TR, Blevins WT, Powe TA. Campylobacter plasmid profiles in the pathogenesis of porcine proliferative enteritis. (1985-1986) \$22,245, (intramural competitive).

Auburn University, Animal Health Research (FAHDR-line item). Boosinger TR, Blagburn BL, Powe TA. Synergistic effects of Isospora suis and Campylobacter spp. in gnotobiotic pigs. (1984-1985) \$23,390 (intramural competitive).

Auburn University, Animal Health Research (FAHDR-line item). Boosinger TR, Scanlan MC, Powe TA. Studies on the role of Campylobacter and selected anaerobes in the pathogenesis of porcine proliferative enteritis. (1983-1984) \$19,905 (intramural competitive).

Co-Investigator

CryoLife Inc. Milton JL, Boosinger TR. Evaluation of bone allografts in the canine after treatment with a virus inactivation process (VIP). (1992-93) \$20,077.

Howmedica Inc. Milton JL, Boosinger TR. Evaluation of porous coated and composite canine total hip prostheses. (1990-93) \$183,386.

Howmedica Inc. Milton JL, Montgomery RD, Boosinger TR. Investigation of the effectiveness of antiadhesive substances in a rabbit postoperative stifle joint adhesion model. (1990-92) \$8,000.

Smith-Richards Medical Co. Milton JL, Boosinger TR. Evaluation of the Richards prosthetic ligament: the miniligament as a primary repair of the ACL. (1990-92) \$22,444.

Smith-Richards Medical Co. Milton JL, Boosinger TR. Hyaluronic acid: Its influence on the postoperative behavior of the canine stifle joint. (1990-92) \$21,302.

Miles, Inc. Kincaid SA, Boosinger TR. Evaluation of the effects of intravenously administered hyaluronate sodium (hyonate) in the sodium hippurate crystal-induced arthritis (synovitis) in dogs. (1991-92) \$15,000.

Animal Health Research, Auburn University. Putnam MR, Bransby DI, Schumacher J, Boosinger TR, Bush L, Shelby RA, Vaughan JT, Ball D. Effects of Acremonium coenophialum infected fescue on growth and reproduction in mares and foals. (1987-89) \$20,000.

Scott-Ritchey Research Program. Angarano DW, Branch CE, Spano JS, Boosinger TR. Evaluation of greyhound dogs with naturally occurring acute necrotizing dermatosis and frequent concurrent renal failure. (1988-89) \$3,500.

Howmedica Inc. Montgomery RD, Milton JL, Hathcock JT, Boosinger TR. Evaluation of hyaluronic acid in preventing pathologic joint changes (arthrofibrosis, adhesions) following synovectomy, removal of fat pad and immobilization in rabbits. (1988-89) \$13,969.

USDA. Blagburn BL, Boosinger TR. Pathogenicity, specificity and interaction with other agents; Cryptosporidium species. (1987-88) \$70,000.

Food and Drug Administration (Inter-regional Project No. 4). Blagburn BL, Boosinger TR. Efficacy of amprolium against neonatal coccidiosis (Isospora suis) in piglets. (1987-88) \$11,720.

Smith-Richards Medical Co. Milton JL, Bentley JF, Boosinger TR, Hathcock JT. Evaluation of the Richards prosthetic ligament for replacement of the posterior cruciate ligament in the dog: a six and twelve month study. (1988) \$27,500.

American Edward Laboratories Inc. Milton JL, Montgomery RD, Boosinger TR. Replacement of caprine cranial cruciate ligament with a bovine xenograft. (1986-87) \$12,730.

MSD AgVet (Merck). Blagburn BL, Boosinger TR. Efficacies of oral and injectable formulations of ivermectin in dairy goats. (1986-87) \$11,028.

Auburn University, Animal Health Research (FAHDR-line item). Putnam MR, Boosinger TR, Spano JS, Wright JC, Wiggins AG, D'Andrea GH. Evaluation of Cassia obtusifolia (sicklepod) seed consumption and toxic effects in holstein calves. (1986-87) \$19,688.

Ethicon Inc., Hankes GH, Purohit RC, Wagner-Mann CC, Harrison IW, Pablo C, Boudreaux MK, Boosinger TR, Conti J. Artificial coronary artery by-pass graft. (1985-87) \$200,000.

Scott-Ritchey Research Program. Mansfield PD, Boosinger TR, Attleberger MH. The role of Malassezia pachydermatis as a cause of otitis externa in dogs. (1985-87) \$2,467.

Solvay Veterinary Corporation. Blagburn BL, Boosinger TR. Controlled evaluation of the effects of dichlorvos (Task) on the precardiac stages of Dirofilaria immitis in dogs. (1985) \$20,021.

Auburn University, Animal Health Research (FAHDR-line item). Blagburn BL, Boosinger TR. Coccidiosis in nursing and weaned pigs: in vivo and in vitro studies with Eimeria deblickei and Isospora suis. (1984-1985) \$18,350.

Chevron Chemical Company. Blagburn BL, Boosinger TR. Evaluation of repellents in indoor and outdoor environments. (1984-1985) \$9,500.

CIBA-GEIGY Corporation. Blagburn BL, Boosinger TR. Evaluation of milbemycin in dogs harboring natural Dirofilaria immitis infections. (1984-1985) \$25,000.

Adams Veterinary Research Labs. Blagburn BL, Boosinger TR. Evaluation of a polymer-bound formulation of diethylcarbamazine in dogs. (1983-1985) \$5,500.

PhD Thesis

The role of Campylobacter sputorum subspecies mucosalis, Campylobacter hyointestinalis and Campylobacter coli in the etiology of porcine proliferative enteritis. Purdue University, 1983.

Teaching

Courses Developed and/or Directed

Dr. Boosinger served for four years as the course coordinator for Pathology I, II & III (VM405, 406, 407) and for Anatomic Pathology I, II, III, IV (VM444, 445, 446, 447). These activities include lectures, laboratories, and necropsy practicums. Dr. Boosinger also served for two years as course director for Human Pathology (PC 347) taught in the School of Pharmacy, presenting 24 lectures and coordinating the computer laboratory, Basic Pathology Series assignment.

Dr. Boosinger incorporated computer assisted interactive video programs and lessons into the above pathology courses. In VM405 and PC347, approximately 25% of each course utilizes computer assisted instruction as a required part of general pathology. From 1989-1993, Dr. Boosinger was an evaluation site coordinator for the National Library of Medicine's Basic Pathology computer assisted interactive video series. There are now 10 complete lessons dealing with different topics in general pathology. Each lesson includes a pretest, study module, and posttest and can record the students' scores and comments. In VM406 and VM407, Dr. Boosinger was responsible for the preparation of interactive lessons that allow students to review pathology diagnostic cases as a supplement to more traditional methods of teaching. This has enabled students to work alone or in small groups at their own pace.

Dr. Boosinger developed a collection of "case of the week" slide specimens designed specifically to encourage students to learn more about the pathogenesis of diseases using histopathology. Cases were presented weekly in most quarters (usually winter and spring) and students earn up to 2 bonus points per week. Over 80% of the class participated each year.

Dr. Boosinger developed and coordinated a graduate course on Advanced Veterinary Ophthalmic Pathology, VPB 648, 5 cr., lecture-3 hrs, lab-4 hrs, 3-6 students (taught approximately every three years)

Dr. Boosinger's graduate teaching and resident training activities have included serving as major advisor for two PhD students and one Master's student. He has also served on seven PhD committees and ten M.S. degree committees.

Grants Received Related to Teaching

James E. Greene Memorial Fund. Angarano DW, Spano JS, Branch CE, Boosinger TR. Computer-assisted instruction in veterinary medical education. (1992-1994) \$12,000.

James E. Greene Memorial Fund. Whitley RD, Boosinger TR, McLaughlin SA, Lenz SD. Use of interactive videodisc and ocular models for teaching professional and graduate students clinical ophthalmology and ophthalmic pathology. (1994-1996) \$12,000.

Publications Pertaining to Teaching

Boosinger TR, Lenz S, Woods JW, Campagna K, Newton J. Teaching general pathology to veterinary and pharmacy students using the computer-assisted interactive videodisc, basic pathology series. Forty-fifth Annual Meeting of The American College of Veterinary Pathologists. Montreal, Canada. November 1994.

Boosinger TR, Cox NR. Use of the videodisc in the veterinary pathology teaching laboratory. Thirty-ninth Annual Meeting of the American College of Veterinary Pathologists, November 1988.

Professional Courses (prior to 1993)

Pathology Lecture, VM405, 5 cr. (20 hrs) 90 students

Cell injury and death (1988-93)

Circulatory disturbances (1983-93)

*Inflammation (1988-)

Pathology Laboratory, VM405, 5 cr. (4 hrs/wk) 90 students

Pathology Laboratory, VM406, 5 cr. (4 hrs/wk) 90 students

Pathology Lecture, VM407, 4 cr. (6 hrs) 90 students

Gastrointestinal system (1988-93)

Pathology Laboratory, VM407, 4 cr. (4 hrs/wk) 90 students

Clinics I, VM444, Anatomic Pathology, 7 cr. (4 hrs/wk) 28 students

Clinics II, VM445, Anatomic Pathology, 7 cr. (4 hrs/wk) 28 students

Clinics III, VM446, Anatomic Pathology, 7 cr. (4 hrs/wk) 28 students

Clinics IV, VM447, Anatomic Pathology, 7 cr. (4 hrs/wk) 28 students

Human Pathology Lecture, PC 347, 5 cr. (6 hrs) 90 students (1992-96)

Veterinary Medical Orientation, VM300, 2cr. 90 students (1993-94)

*Veterinary Jurisprudence and Ethics, VM430, 2 cr. 90 students (1995-99)

*Veterinary Medical Ethics, VMED 5010, 1 cr. 90 students (1999-)

*Veterinary Medicine and the Law, VMED 5020, 1 cr. 90 students (1999-)

*Veterinary Problem Solving Course, VMED 5032, 5042, 5012, 5022, moderator (variable years)

*Teaching since 1995, following appointment to Dean

Graduate Courses

Advanced Veterinary Ophthalmic Pathology, VPB 648, 5 cr. Lecture-3 hrs, Lab-4 hrs, 3 students (Course director)

Experimental Techniques in Cellular and Molecular Biology, VPB 638, 5 cr. Lec 2, Lab 6, (one lab)

Awards and Recognitions

MSD AGVET Award for Creativity in Teaching, 1992

Distinguished Alumnus, Purdue University, 2004

Service Activities

From 1988-1993, Dr. Boosinger directed the necropsy and surgical biopsy service for the college of veterinary medicine and spent over 25% of his time and energy performing necropsies, evaluating histologic specimens, interpreting and reporting the findings, and serving as a consultant to clinicians and practitioners.

Offices and Committees

National:

Immediate-Past President, Association of American Veterinary Medical Colleges, 2008-2009

President, Association of American Veterinary Medical Colleges, 2007-2008

President-Elect, Association of American Veterinary Medical Colleges, 2006-2007

Consultative Site Visit Member - Iowa State University, 2005

North American Veterinary Leadership Task Force, 2004-2007

Member, American Veterinary Medical Association Task Force on Global Accreditation, 2004-2007

Chair, Task Force on Accreditation, Association of American Veterinary Medical Colleges, 2003-2007

Member, Board of Directors, Agricultural Disaster Research Institute, 2003

Liaison for the Association of American Veterinary Medical Colleges on the American Veterinary Medical Association's Council on Education, 2001-2007

Site Visit Member for the Association of American Veterinary Medical Association's Council on Education: Oregon State University, Washington State, Western University of Health Sciences, University of Prince Edward Island*, University of Montreal*, University of Missouri*, Massey University*, and University of Melbourne*, 2001-2007

Secretary, Board of Directors, Association of American Veterinary Medical Colleges, 2001
Chair, Strategic Planning Committee, Association of American Veterinary Medical Colleges, 1998-99
Member, Board of Directors, Diabetes Trust Fund, 1996-2007
Chair, Committee on International Affairs, Association of American Veterinary Medical Colleges, 1996-2003
President, National Society of Phi Zeta, 1995-96
Member, Academic Affairs Committee, Association of American Veterinary Medical Colleges, 1993-95
Member, USDA Competitive Grants (NRICGP) Review Panel, Mechanisms of Diseases, 1993
Case Coordinator, Southeastern Veterinary Pathology Conference, Tifton GA, 1993
Moderator, Southeastern Veterinary Pathology Conference, Tifton GA, 1992
President, National Veterinary Medical Data Program, 1992-93
Auburn Representative, National Veterinary Strategic Education Task Force 1990-93 (Chairman, Student Affairs Subcommittee)
President-elect, Veterinary Medical Data Program, 1990-91
Chair, Education Specialty Group, American College of Veterinary Pathologists, 1990

*Chair of Site Visit Team

University:

Chair, Search Committee for Dean of School of Forestry and Wildlife Sciences, 2010
Co-Chair, Committee for Installation of Dr. Jay Gogue, Auburn University's 18th President, 2007-2008
Chair, Ad hoc Committee for Campus Security and Safety, 2006-2007
Member, I-85 Corridor Development Initiative, 2003
Member, Ad hoc Committee on Faculty Salary Incentives, 2003
Chair, Board of Directors, Environmental Institute, Auburn University, 2002
Member, Ad hoc Committee for the Enhancement of Equal Employment Opportunities (to streamline the faculty hiring process), 2002
Chair, Search Committee, Executive Associate Director, Alabama Agricultural Experiment Station, 2001
Member, Ad hoc Committee for Development of Clinical Track Faculty Appointments, 2000
Coordinating Dean for University Peak Programs on "Detection and Food Safety, and "Cell and Molecular Biosciences", 1999
Chair, Search Committee for Dean of College of Liberal Arts, 1998
Associate Director, Alabama Agricultural Experiment Station, 1996-
Academic Affairs Working Group (Associate Deans) 1993-95

University Senator, 1987-90, 1997-98, 2002-2003, 2004-2005, 2010-2011
Molecular Biology Committee, 1985-86

College:

Chair, Search Committee for Professor and Head, Department of Large Animal Surgery and Medicine, 1994
Chair, External Review Committee, Department of Large Animal Surgery and Medicine, 1993
Chair, Curriculum Committee, 1993
Biomedical Communications Committee, 1992-93
President, Epsilon Chapter, Phi Zeta, 1992-93
Ad hoc Committee on Problem Based Learning, 1992
Admissions Committee, 1990-92
President-elect, Epsilon Chapter, Phi Zeta, 1990-91
Strategic Planning Oversight Committee, 1989-90
PEW Strategic Planning Steering Committee, 1989
Executive Committee, Epsilon Chapter, Phi Zeta, 1988-90
Publications Committee, 1988-90
Rabies Advisory Committee, 1987
Scott-Ritchey Interdepartmental Grants, 1986-89
Chair, Molecular Biology Search Committee, 1984
Joy Goodwin Rudd Lecture Committee, 1983-88
Seminars and Awards Committee, 1983-86

Department:

Chair, Parasitologist Search Committee, 1995
Chair, Pathologist Search Committee, 1993
Diagnostic Services Committee, 1992-93
Chair, Ad hoc Committee on Pathobiology Education in the Professional Curriculum, 1992-93
Chair, Safety Committee, 1990-93
Graduate Studies Advisory Committee, 1990-93
Co-Coordinator for International Veterinary Pathology Slide Bank-Videodisc Project, 1989-93

