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Phillip D. Nelson DVM, Ph.D.

Executive Summary

I have enjoyed an active career in teaching, research, and all other aspects of academic veterinary medicine. I have had the unique experience of being a faculty member during the development phase of two different colleges of veterinary medicine. The first as an Assistant Professor at Mississippi State University, and the second as an Associate Dean/Professor at Western University of Health Sciences. As I worked my way through the academic ranks, I experienced and am familiar with the full breadth of the academic roles and responsibilities that are associated with each role. I have successfully served as an educator, an academic clinician, a hospital administrator, a researcher, mentor, and filled various administrative roles,

I joined Mississippi State University (MSU) immediately after graduation as an intern/resident in small animal internal medicine when their first class was starting their second year. I did not know it then, but my experiences in developing the curriculum, navigating the body politic of the state, university, and college, provided fundamental pillars in my approach to education and student assessment. In 1985 I joined the vet med faculty at Tuskegee University as Associate Professor. I then entered graduate school at N.C. State in 1989. My research focused on feline leukemia and feline immunodeficiency virus infections in cats as biological models for human HIV, and the development of immunity in the dog and cat. After receiving my PhD in 1993, I returned to Tuskegee and I served as Department Head and Hospital Director. Shortly thereafter, I returned to MSU as Associate Dean. As Associate Dean, I continued my research as described below. In 2005, I was selected to be the Executive Associate Dean for Preclinical Programs of the College of Veterinary Medicine at Western University of Health Sciences – another new college about to begin the second year of its first graduating class. In 2007 I became Dean of the College of Veterinary Medicine.

Regarding the area of professional service, I fully appreciate the importance of advocacy and have demonstrated my commitment as an effective advocate for the profession, higher education, diversity, and open access to quality education. I have been an active member of the American Veterinary Medical Association (AVMA), the American Association of Veterinary Medical Colleges (AAVMC) and state professional veterinary organizations including MS (MVMA), AL (ALVMA), and California (CVMA). I have served on several committees in each organization: I am a past member and chair of the Educational Commission for Foreign Veterinary Graduates of the AVMA; past member and chair of the diversity, advocacy, and finance committees of the AAVMC; and presently serve as immediate past President, member of the Board of Directors and chair of the governance committee of the AAVMC.

My awards, grant funding, publications and presentations are detailed in the CV below. Thank you in advance for your consideration. References are available on request.

qualifications

Present Position: Dean and Professor of Immunology, College of Veterinary Medicine, Western University of Health Sciences: June 11, 2007

As the second Dean of a recently established College of Veterinary Medicine I am responsible for administrative oversight of all major operations of the college and serve as part of the university leadership team. Working closely with the Faculty and Staff of the college, it is my responsibility to establish a viable vision for the college, develop the philosophical foundation for curricular instruction and design, and implement appropriate procedures and protocols that support the mission of the college.

The following is a selected list of the accomplishments during my tenure as Dean of the College;

- Provided pedagogical and administrative leadership in establishing an discipline integrated curriculum that is founded on the principles of problem based learning.
- Provided leadership in the design and implementation of a distributive model in clinical training – the first of its kind in veterinary education.
- Under my leadership, the college was fully accredited in March of 2010 by the AVMA Council of Education.
- I have overseen significant growth in college programs as indicated by growth in faculty numbers from 33 to 64; growth in staff numbers from 12 to more than 40; and growth in operating budget from \$11 to \$17 million.
- I have received national and international recognition for the leadership provided to the College of Veterinary Medicine at Western University of Health Sciences.
- I am actively engaged in organized veterinary medicine at the local, state, and national levels.
- I am actively involved in advocacy activities for the profession and veterinary education in particular at state and federal levels.

I previously served as Executive Associate Dean for the Preclinical Programs in the College of Veterinary Medicine at Western University of Health Sciences. I reported directly to the Dean of the College of Veterinary Medicine and was responsible for oversight of the preclinical curriculum (first two years), with major responsibilities in development and implementation of the discipline integrated, Problem-Based learning curriculum. I was also responsible for the supervision of all on-campus faculty (approximately 45 in number), served as college liaison with support personnel, and managed instructional resources. I collaborated with the Associate Dean for Clinical Programs in overseeing the DVM curriculum.

College Representation / Quarterly Reports to the University Board of Trustees; 2007 – present

Associated Duties

Alumni Receptions: North American Veterinary Conference (Las Vegas, NV) January/February

AAVMC Dean's Retreats; January / February 2007-present, various FL cities.

AAVMC Spring / Summer meetings; March 2007-present, Washington D.C. area and various cities in conjunction with AVMA

AVMA/AAVMC Joint Leadership Committee July 2016 - present

AVMA Economic Summits: October 2014-17, Chicago, IL

AVMA annual meetings; July 2007-present

CVMA Joint Board of Governors / House of Delegates; January and July 2007 – present, various CA cities

CVMA Board of Governors; April, June, September, and October 2007-present, various CA cities

CVMA Leadership Training; January 2015 and 2018, Sacramento

Zoetis Companion Animal Executive Forum; June 2011 (Miami, FL), June 2016 (Jackson Hole, Wyoming), and September 2017 (Lake Tahoe, CA)

Pet Industry Summits, August 2007-Present (annually)

Education 1989-1993 North Carolina State University Raleigh, NC

Ph.D. / Veterinary Sciences (Immunology/Biotechnology)

1975-1979 Tuskegee Institute Tuskegee Institute, AL

Doctor of Veterinary Medicine (DVM)

1973-1975 Jackson State University Jackson, MS

B.S. / Biology

Recent Continuing Education

AAVMC Conferences in Veterinary Medical Education; March/April even numbered years from 2007 – present, Washington D.C. area AAVMC Iverson Bell Conferences on Diversity Issues; March/April odd numbered years from 2008 – present, Washington D.C. area Western Regional Iverson Bell Summit; February 2018, College of Veterinary Medicine, Western University of Health Sciences AVMA Conference on Wellness; April 2017, Chicago IL,

ACVIM Conferences, June 2012, 2015, 2016; various cities

Zoobiguity Conference; Co-sponsored by UCLA Medical School and Western University of Health Sciences College of Veterinary Medicine, September, 2012, UCLA, Las Angeles, CA

"Partnerships for Preparedness: Future Directions for Schools of Public Health and Colleges of Veterinary Medicine", AAVMC / ASPH Joint Symposium, Atlanta, GA, April 22-24, 2007

"Creative Inquiry and the Future of Higher Education", WASC Annual Meeting, San Jose, CA, April 17-20, 2007

AAVMC Iverson Bell Symposium and Annual Meeting, Washington D.C., March 1-6, 2007

"Development for Deans", CASE workshop, Jacksonville, FL, February 5-7, 2007

"The Future of Veterinary Teaching Hospitals", AAVMC, Kansas City, MO, November 8-10, 2006

Banfield 2006 Pet Care Summit, Portland Oregon, August 23-24, 2006

"Promoting Faculty Career Development through Assessment", (Audio

Conference), Western University of Health Sciences, October 11, 2005

"Media Training", Banfield, Mississippi State University, May 24, 2004

"Global Veterinary Opportunities Workshop", AAVMC, San Antonio, TX, January 5-6, 2004

"Educating All of America", ACE National Meeting on Diversity; Atlanta, GA, Oct. 23-25, 2003

"SKA Colloquium", AAVMC, Des Moines, Iowa; August 21, 2003

"Leadership Training Retreat", The PAR Group; The M-Club, Mississippi State University, Mississippi State, MS, August 8-9, 2003

"Disaster Management", A plan for MS; Gulfport, MS, June 19-20, 2003

"Evidence Based Medical Applications in Small Animal Nutrition"; Hills Foundation, Lawrence KS, May 12, 2003

"Foreign Animal Disease and Homeland Security"; College of Veterinary Medicine, Mississippi State University; Jan. 31-Feb. 1, 2003

Mississippi Quality Award Board of Examiners Training, Jackson MS, May14-16, 2002

Certificate of Completion, 'Science, Politics, and Animal Health Policy Fellowship', June 2000 – Feb. 2001

Health Sciences

Executive Associate Dean for Preclinical Programs

February, 2005 – June, 2007; College of Veterinary Medicine, Western University of Health Sciences

Responsibilities included:

- leadership for the planning and implementation of the preclinical (first two years) curriculum.
 - Introduced the use of the external qualifying examination for foreign graduates to evaluate pre-clinical curriculum and student progress(2005)
 - Development and delivery of two faculty retreats per year.
 (2005 present)
- Supervised and evaluated faculty in the preclinical curriculum.
- Oversight of development of physical facilities and teaching resources for the preclinical curriculum.
 - o Faculty office space assignment
 - Assist the Dean with administrative oversight of planning for Mar's building.
- Served in acting capacity as the Dean in the Dean's absence.
- Participated in the Problem-Based learning (PBL) curriculum and case development as a content resource.
- Collaborated with the Associate Dean for Clinical Programs, to oversee the entire DVM curriculum.
- With the Assistant Dean for Faculty Affairs, participated in ongoing faculty development planning and assessment.
 - o Developed and implemented 360° faculty review (2005)
 - Co-developed and implemented FTE data base for faculty in a discipline integrated curriculum (2006)
- Participated (part-time) as a facilitator in the PBL curriculum...
- Served as the main liaison with the Department of Animal and Veterinary Science at California State Polytechnic University, Pomona..
- Developed and implemented programs consistent with founding commitments to innovative student learning, reverence for life, and strategic partnerships and alliances.
- Served as an ex officio member of the Admissions & Scholastic Standing Committee, the Student Affairs Committee, the Curriculum Committee, and the Instructional Resources Committee.
- Participated in accreditation (AVMA-COE, USDE) activities as part of the leadership team.
- Represented the dean at local, state, national and international events.
- CVM policies and procedures
- Other duties as assigned.

Professional experience (cont.)

Associate Dean / Professor, Public Affairs

July, 2004 – January, 2005; College of Veterinary Medicine, Mississippi State University; Mississippi State, Mississippi

In July, 2004 the administration of the college was reorganized subsequent to growth in nearly every aspect of the college. I then assumed the title of Associate Dean for Public Affairs with the following responsibilities:

- Student Recruitment
- Admissions
- Legal Matters
- Development including annual giving, scholarship support, and student support
- Policies and Procedures
- Extension
- Continuing Education
- College Publicity Outreach
- Computer Services / Informatics
- Human Resources
- Facilities Administration / Renovation Projects / New Projects
- College Reports

Associate Dean / Professor, Academic and Public Affairs

July, 2001 – 2004; College of Veterinary Medicine, Mississippi State University; Mississippi State, Mississippi

In July, 2001 the college was reorganized and I assumed the duties of Associate Dean for Academic and Public Affairs. Consequently, my expectations in the area of research were reduced to 10%. Specific duties included:

- I assumed direct responsibility for support of curricular delivery, college admissions, student affairs, recruitment, college policy review and updates, and college public relations. I facilitated and guided significant curricular revisions resulting in a reduction in the professional curriculum by a semester, and a pedagogical change in content delivery.
- Under my leadership, the college revamped its admissions process which expanded consideration of applicants to include evidence of core values and aptitudes. I have also co-facilitated the incorporation of Baldrige criteria for quality management in the management processes of the college which has been recognized by the Mississippi Quality Awards Program.

Associate Dean / Professor

July, 2000 - July 2001; College of Veterinary Medicine, Mississippi State University; Mississippi State, Mississippi

No change in duties as Associate Dean

Interim Dean / Associate Professor

Professional experience (cont.)

April, 1999 - July, 1999; College of Veterinary Medicine, Mississippi State University; Mississippi State, Mississippi

In 1999, I was appointed Interim Dean when Dean Mercer resigned. Prior to Dean

Mercer's retirement, I coordinated the activities resulting in the development of the Dean's job description, publication of the position announcement, and assisted in the formation of the search committee. The college was able to successfully recruit the next Dean within two months after Dr. Mercer's retirement. I served as Interim Dean until the new Dean was selected and arrived in July of that same year.

Associate Dean / Associate Professor

July, 1994 - April 1999; July 1999-July 2000; College of Veterinary Medicine, Mississippi State University; Mississippi State, Mississippi

Responsibilities included:

50% commitment to administrative duties, which included:

- Provided administrative and management support to the dean, as required. Activities included preparation of legislative budget reports, attending budget hearings, developing and implementing plans for facility and land use, working with university counsel on various litigation issues, and assessment of the potential impact of Y2K problem on college mission. I proposed the use of a tax participation basis as a means to determine the assessment of a Professional Education Fee (PEF). The adoption of this method provided the college the means to meet its legislative mandate to recoup expenditures on non-vested (at-large) students.
- Facilities Administration
- Working with the Dean, lobbied the legislature to approve placing the State Veterinary Diagnostic Laboratory under the authority of the College of Veterinary medicine, acquiring funding (\$18 million) for a new facility, and providing oversight for architectural designs, building and equipping the facility.
- Working with university counsel on various litigation issues, and assessment of various issues that posed potential challenges or threats to the college mission.
- Assisted the Dean in maintaining uniform standards for promotion and tenure within the college; Coordinating the college's processing of dossiers and presentation of dossiers to dean.
- Administrative oversight of the Academic Program, Animal Health Center, Diagnostic and Food Animal Medicine, and Research program Directors.
- Administrative oversight of faculty in the Office of Special Programs. Activities included FTE negotiations for Faculty assigned to the Office of Special Programs, faculty evaluation and faculty development.
- Administrative oversight of the duties of the Administrative Officer of the College including budget preparations, and staff hiring / termination. Activities included: planning, implementing, and sometimes chairing budget workshops, consultations with Administrative Officer on issues concerning personnel management, facility management, staff development, and policy enforcement.

Professional experience (cont.)

Prepared accreditation reports and other college reports / publications.
 Activities included: Coordination of site preparation activities for the site visit by COE.; Editor of college self study document for COE visit; Preparation of annual accreditation reports; Oversight of CVM publication "A Mission of

Service"; College Strategic Plan update.

- Editor of College Strategic Plan; April, 2000
- Student Counseling
- In the absence of the dean, assumed responsibility for the management of the college.
- College representative on various university issues, and at various university functions
- College representative to state and national organizations and meetings
- Spearheaded activities to recruit minority students to MSU-CVM resulting in a moderate increase in minority student participation in the professional program and more viable relations with state HBCUs.

50% commitment to Academic and Research Programs

- Established active research laboratory with funded research in mucosal immunology and cytokine profiles in the neonate. Collaborative research awards for multi-year projects totaled \$266,184 in 1995, \$122,035 in 1996, \$35,779 in 1998 and \$80,000 in 1999.
- I was the principal advisor of two graduate students seeking their Master's degree. Both have successfully defended their dissertations. I have also been a committee member for six other graduate students seeking either the master's or Ph.D. degrees.
- Instructional activities have included: Serving as a facilitator in the PBL curriculum for at least one eight week block each year from 1995-99; Wrote, and graded immunology section of examinations when requested (1995-98); Delivered lectures on diagnostic immunology (1995-97); Delivered EKG laboratories and lectures for senior cardiology elective (1997-1998), year-one students (1998), and veterinary technical students (1997-99); coordinated cardiology elective (1997); member oral exam team (1998-2002); provide lectures for Advanced Immunology Seminar, CVM 8303 (1997-2004).
- I have provided mentoring and research exposure for 5 high school students from Starkville High School and the Mississippi School of Mathematics and Science.

Acting Head / Associate Professor Department of Small Animal Medicine, Surgery, and Radiology Oct., 1993 - July, 1994 Tuskegee University School of Veterinary Medicine; Tuskegee Institute, AL

Responsibilities included:

- Organization and implementation of an effective system of governance that allowed maximum participation by department members
- Long and short-range planning for program development
- Coordination of faculty activities in implementing the department's instructional program
- Supervision of departmental budgetary planning and fiscal obligations
- Course Responsibilities included: Consultant, VET-STEP Institute (1994); Lecturer/Faculty Member for Summer Enrichment Program (1994); Clinical Instruction (Small Animal Internal Medicine) (1993-1994); Clinical Cardiology Elective (1994); Lecturer for Medicine 312 (Endocrine Diseases) 1994; Small Animal Medicine course #315 (Cardiology unit; FeLV/FIV) 1993 1994; Clinical Diagnosis course

Professional experience (cont.)

#361(1993); Clinical Endocrinology (1994); Evaluator of Comprehensive Basic Science Examinations (1993)

Assistant Professor; Feb, 1984 – May, 1989; Tuskegee University School of Veterinary Medicine; Tuskegee Institute, AL

- Lecturer for Summer Enrichment Program
- Clinical Instruction (Small Animal Internal Medicine); 1984 -1989; 2nd, 3rd, and 4th year students
- Clinical Cardiology Elective 1985-89
- Coordinator for small animal medicine course #315
- Coordinator for Clinical Diagnosis course #361
- Intern supervisor
- Instructor in following courses or clinic rotations: small animal medicine, genital diseases, obstetrics, special problems in internal medicine, emergency medicine, and clinical rotations 126, 227, 288, 361, 362, 461, and 462. Incorporated Problem Knowledge Couplers and Provides into clinical instruction. Developed several PKCs for clinical use. Major contributor to design of computerized medical records.
- AVMA Criterion Referenced Task Force 1989

Instructor, Companion Animal Services; July, 1979 – Jan, 1984; College of Veterinary Medicine, Mississippi State University; Mississippi State, Mississippi

- Small Animal Clinician
- Associate Coordinator Companion Animal Service
- Lectured in several clinical courses including Clinical Practice Modules
 I & II, Fundamentals, Hemic-Lymphatic and Urinary System Courses.
 Course coordinator for Clinical Processes I & II, and clinical-pathological conferences. Contributed to design, development and administration of the first ECFVG examination.

Grants Submitted

Deep Dermal Proteomic Patterns for Detection of Equine Hyperelastosis Cutis, Swiderski C, Burgess S, Rashmir A, Johnson J, Brashier M, Jack SW, May M and **Nelson PD**; October, 2004; Multiple agencies; \$20,000

Placental Immuno-pathology in FIV-infected Cat, Coats KS, **Nelson PD**, and Ryan PL; September, 2004; National Institutes of Health; \$209,778

Funded

C-reactive Protein levels in the serum and cerebrospinal fluid of normal dogs, Higganbottham HC, Shores A, **Nelson PD**; September, 2003; MSU-CVM; \$1500

- Development of an ELISA for Feline Interleukins 10 and 12, **Nelson PD**, Nail C, and Quaglianna K; October 23, 2000; MSU-CVM; \$2400.
- Placental Immunology of the FIV-infected Cat", St-Cyr Coats K, **Nelson PD**, and Ryan PL; July, 2000, National Institutes of Health, \$141,500
- Flow Cytometric Analysis and Immunohistochemical Characterization of Duodenal Lymphocytes obtained from Healthy Adult Cats, Krecic M, Kern MR, **Nelson PD**, December 6, 1999; MSU-CVM, \$6,000
- Initial Investigations into the Effects of Supplemental Nutrition on Wound Healing in the Dog, **Nelson**, **PD** and Cooper RH; Submitted to The IAMS Company, October, 1997; Funding requested \$139,000; First two phases of project approved June 1999 for \$73,000.
- Mucosal Immunization for Augmented Mucosal and Systemic Immune Responses in Catfish; Greenway T, Ainsworth J, **Nelson PD**; September 15, 1999; MSU-CVM; \$3,500
- Mucosal Immunization for Augmented Mucosal and Systemic Immune Responses in Chickens; Greenway T, **Nelson PD**, Ainsworth J; August 12, 1999; CVM Internal Competitive Grants Program; \$7,000
- Mucosal Immunization for Augmented Mucosal and Systemic Immune Responses in the Dog; Greenway T, **Nelson PD**, Ainsworth J; August 4, 1999; Internal funding; \$3,500
- Evaluation of a New Technique for the Placement of a Large-Bore Esophagostomy Feeding Tube in Non-Anesthetized Dogs, Including comprehensive Assessment of the Nutritional Efficacy and Potential Complications Associated with Long-Term Enteral Support; Mackin AJ, Weigand C, Thomas MW, Nelson PD; Submitted to The IAMS Company, October, 1998; Funding requested \$46,479 Proposal funded at \$35,779

Effect of Infectious Disease on Lymphocyte Proliferation Expressions in

Grants (cont.)

- Companion Animals; **Nelson PD**, Mississippi State University, College of Veterinary Medicine; July 1, 1996: \$6,000; USDA-CSREES
- Effects of FOS supplementation in Canine Diarrhea; **Nelson PD**, and Buddington, RK; Submitted to The IAMS Company, April 1996: \$117,242
- Vertical Transmission and Pathogenesis of BIV in Dairy Cattle; St. Cyr Coats, K and **Nelson PD**; Submitted to USDA, January, 1996: Funding requested \$273,195; Pilot study funded @ \$47,913; USDA-CSREES 96-35204-3798
- Phenotypic Expression of the Developing Feline Lymphocyte, **Nelson PD**, and Buddington, RK; Submitted to The IAMS Company, October 18, 1995; \$74,105
- Ontogenetic Development of the Cat and Dog: Digestive and Immune

Systems, Buddington, RK and **Nelson PD**; Submitted to The IAMS Company, April 26, 1995; Funding requested \$192,079

PUBLICATIONS (refereed journals)

- "Racial, Cultural, and Ethnic Diversity within US Veterinary Colleges", Greenhill LM, **Nelson PD**, and Elmore RG, J Vet Med Educ, Spring 2007; 34: 74 78.
- "Diversity: A Professional Imperative", **Nelson PD**, J Vet Med Educ, Winter 2004; 31: 403 405.
- "Empirical Investigation of Attractiveness of Tablet PCs to Mobile Professionals," Bekkering E, Schmidt MB, Johnston A, Warkentin M, and **Nelson PD**, Proceedings of the National Decision Sciences Institute (DSI) Annual Conference, pp. 3481-3486, Boston, MA, November 2004.
- "Diversity A Professional Imperative", **Nelson, PD**. Journal of Veterinary Medical Education, accepted July, 2004
- "The FIV –infected Cat as a Model for Lentivirus-induced Placental Immunopathology and Pregnancy Failure," Weaver CC, Burgess SC, **Nelson PD,** Wilkinson M, Ryan PL, Nail Ca, Kelly-Quagliana KA, May ML, Reeves RK, Boyle CR, and Coats KS. Submitted to Journal of Infectious Diseases, February, 2004.
- "Confirmation of vertical transmission of bovine immunodeficiency virus in naturally infected dairy cattle using the polymerase chain reaction," Moody CA, Pharr GT, Murphy J, Hughlett MB, **Nelson, PD**, and Coats KS. nnas Lawrence, Kan. Mar 2002. v. 14 (2) J. vet. diagn. invest.
- "Dietary Oligofructose and Inulin modulate Immune Functions in Mice," Kelly-Quagliana KA, **Nelson PD**, Buddington RK; Nutrition Research, accepted for publication September 3, 2002

PUBLICATIONS (refereed journals) (cont.)

- "Failure to Detect Bovine Immunodeficiency Virus (BIV) Contamination of Stud Bull Blood or Semen Leukocytes in Samples Supplied by Artificial Insemination Centers;" Burger, RA, **Nelson PD**, Kelly-Quagliana K, Coats KS; American Journal of Veterinary Research, Accepted for Publication August 2, 1999
- "Appearance of CD4+ and CD8+ Lymphocytes in the GALT of Pediatric Dogs: An Immunohistologic Description;" Qu XL, **Nelson PD**, Kelly-Quaglianna, Boyle C, Buddington R (in preparation)
- "CD4+ and CD8+ Lymphocyte Profiles of Different Lymphoid Tissues in the developing Pediatric Dog Using Flowcytometric Methods;" **Nelson PD**, Kelly-Quaglianna, Qu XL, Boyle C, Buddington R (in preparation)
- "Comparison of Mitogenic Responses of Lymphocytes Collected from Different Lymphoid Tissues in the Developing Pediatric Cat;" Kern M, **Nelson PD**, Kelly-Quaglianna, Qu XL, Boyle C, Buddington R (in preparation)

- "Comparison of Mitogenic Responses of Lymphocytes Collected from Different Lymphoid Tissues in the Adult Cat;" Kern M, **Nelson PD**, Kelly-Quaglianna, Qu XL, Boyle C, Buddington R (in preparation)
- "Therapeutic Effects of Diethylcarbamazine and 3'-Azido-3'-deoxythymidine on FeLV Infection"; **Nelson PD**, Sellon R., Novotney C., Devera C., Tompkins W., Davidian M., English R., Tompkins M. and Tompkins W., Veterinary Immunology and Immunopathology; 46:181-194 (1995)
- "Development of clinical disease in cats experimentally infected with feline immunodeficiency virus", English RV, **Nelson P**, Johnson CM, Nasisse M, Tompkins WA, and Tompkins MB; J. Infectious Diseases; 170:543-552 (1994)
- "Description of Lymphocytic Phenotypes in FeLVR Induced Lymphomas"; **Nelson PD**, Gebhard D, Rottman J., Sellon R., English R., Tompkins WAF, and Tompkins M; Proceedings of the International Symposium on Feline Retrovirus Research, October 6-9, 1993 (abstract)
- "Pharmacokinetics of Potential Anti-AIDS Agents Thiofoscarnet and Foscarnet in the Cat", Straw JA, Loo TI, deVera CC, Nelson PD, Tompkins WA, Bai SA; J of Acquired Immune Deficiency Syndromes, 5:936-942, no. 9, 1992
- "Early events in the immunopathogenesis of feline retrovirus infections" Tompkins MB, **Nelson PD**, English RV, Novotney C; J of the American Veterinary Medical Assoc., Vol. 199, No. 10, November 15, 1991
- "Human Recombinant Interleukin-2 Induces Maturation and Activation Signals for Feline Eosinophils in Vivo" Tompkins MB, Novotney C, Grindem CB, Page R, English R, **Nelson PD**, Tompkins WAF; Journal of Leukocyte Biology; 48:531-540 (1990)
- "Jimson Weed Seed Toxicity in Cattle"; **Nelson PD**, Mercer HD, et. al; Veterinary and Human Toxicology; Vol. 24, #5, October 1982, pp. 321-325
- "Canine Blastomycosis"; Pyle L, Dunbar R, **Nelson PD**, et. al; Compendium of Continuing Education, Vol. 3, #11, November 1981; 963-977

PUBLICATIONS Non-Refereed

"Message from the Dean"; recurring articles in the college quarterly magazine published from 2007-present.

'Word from the Dean"; Quarterly reports of College Activities to the CVMA Board of Governors from 2007-present

"Veterinary College Accreditation: Setting the Record Straight". **Nelson PD,** J Am Vet Med Assoc; 2012 Apr 1;240(7):810-4, PMID: 22443432

A Social Contract: Choosing a Career in Veterinary Medicine, **Nelson PD**, Journal for Minority Medical Student, Special Section: Association of American Veterinary Medical Colleges, January, 2001

- Immunity in the Kitten and the Puppy. **Nelson PD**, Kern M, Kelly-Quaglianna K, Qu XL, Boyle C, Buddington R. Proceedings of the 16th Annual Veterinary Medical Forum; May 22-25, 1998, San Diego, CA
- Developing Characteristics of CD4⁺ and CD8⁺ populations in the Pediatric Dog and Cat. Puppy. **Nelson PD**, Kern M, Kelly-Quaglianna K, Qu XL, Boyle C, Buddington R. Canine and Feline Nutritional Immunology, Supplemental Proceedings of the 16th Annual Veterinary Medical Forum; May 22-25, 1998, San Diego, CA
- The Influence of Age on the Immune System. **Nelson PD**, Kern M, Kelly-Quaglianna K, Qu XL, Boyle C, Buddington R. <u>Recent Advances in Canine and Feline Nutrition II;</u> Gregory Reinhart and Daniel Carey, editors; Orange Frazer Press; 1998 p231-248
- "Immunomodulation by Oligofructose and Inulin," Kelly-Quagliana K.A., Buddington R.K., Van Loo J. and **Nelson P.D.** FASEB Proceedings, San Francisco CA. April 18-22, 1998
- "Immunomodulation by Oligofructose and Inulin," Kelly-Quagliana K.A., Buddington R.K., Van Loo J. and **Nelson P.D.** ORAFTI Proceedings, Washington DC. April 18-22, 1998
- "A Mission of Service"; Groce AW., Nelson PD., Mercer, HD. A promotional publication for the College of Veterinary Medicine, Mississippi State University, Mississippi State, MS, 1997
- "Description of Neoplastic Phenotypes in FeLV_R Induced Lymphomas"; **Nelson**, Gebhard, Rottman, Sellon, English, Tompkins, Tompkins; Proceedings for the Symposium on Animal and Computer Modeling in Infectious Disease Research, Tuskegee University, Tuskegee Institute, AL; April 14-15, 1994
- Effects of Experimental Feline Leukemia Virus Infection on Peripheral Lymphocyte Subsets.

 Nelson PD. PhD Dissertation. 1993.
- "Pneumoperitoneum Associated with Renal Failure"; **Nelson PD**, Review CVM; Mississippi State University; Vol. 1, #4, October 1981, pp. 8-9
- "Canine Ehrlichiosis"; **Nelson P.D.**, Dunbar M, Vulgamott J.; Canine Practice, March-April, 1983; Vol. 10, #2, pp. 30-34

SEMINARS/ PRESENTATIONS

- Problem Knowledge Couplers Authored: Canine Proteinuria (1985); Polyuria/Polydipsia (1986); Bovine Diarrhea (1988); Feline Alopecia (1988); Canine Congestive Heart Failure (1988)
- "Problem Knowledge Couplers in Veterinary Medicine"; Weed, L. L. 1991. Knowledge Coupling. Springer-Verlag New York, Inc.

[&]quot;The Insidious Impact of the Industrial-Prison Complex on Our Efforts to

Diversify our Profession"; **Nelson PD**, February 2018, Western Regional Iverson Bell Summit, College of Veterinary Medicine, Western University of Health Sciences

"The WesternU Curriculum: PBL, Distributed Clinical Education, and Vertical Integration"; **Nelson PD.** November 2017, College of Veterinary Medicine, North Carolina State University

"The Importance of Diversity in our Profession – Especially Now!" **Nelson, PD.** November 2017, College of Veterinary Medicine, North Carolina State University

"The Vertically Integrated Curriculum", **Nelson, PD**., Waldhalm, S., Cole, W.; Chombuk National University; Chombuk, South Korea; May 2016

"The Diversity Climate at Institutions of Veterinary Education: Employee Perspectives" Kovacs, S. and **Nelson, PD**. AAVMC Iverson Bell Symposium, Alexandria Virginia. March 2013

"Globalization in Veterinary Education", **Nelson PD**, KVSA Conference, December 2011

"Facilitating Successful Transitions Across Educational Levels", **Nelson PD**., Bowling S., 2011 NAMME National Conference, September 2011

"Localizing problems by body system or physiologic mechanism as a means of exploring basic sciences in a case based learning curriculum". Kidd L, L, Tyler J, Diniz P, Schilling E, Charles E, Govett P, Gordon-Ross P, **Nelson PD.**, AAVMC, March 2011

"Diversity in Veterinary Medicine", **Nelson PD**; Korean Veterinary Society of America, 2010 Annual Convention

"The Value of Diversity in the Veterinary Profession"; Kovacs, S. and **Nelson, PD**., Wharton Penn Vet Program, June 2010; College of Veterinary Medicine, University of Pennsylvania.

"Cost of Education to Institutions", **Nelson PD**; North American Veterinary Education Consortium, Las Vegas, Nevada; April 2010

"Generational Attitudes on the Importance and Value of Diversity" Executive Veterinary Leadership Program: Making an Impact as Public Health Leaders. **Nelson, PD**. and Kovacs, S. June 14-17, 2010. University of Pennsylvania Veterinary Medicine and Wharton Executive Education.

SEMINARS/ PRESENTATIONS (cont.)

May 2010 - South Korea trip

- "The Courageous Conversation: A Dialogue for Us", **Nelson PD**; A Celebration of Diversity, University of Tennessee College of Veterinary Medicine, Knoxville TN, February 26, 2007
- "Diversity and Proactive Mentoring", **Nelson PD**, Diversity Symposium, AVMA Annual Meeting, Honolulu, Hawaii, August 17, 2006
- "So You Want to be a Veterinarian? What it takes to apply to Veterinary School", AAVMC Recruitment/Career Fair, AVMA Annual Meeting, Honolulu, Hawaii, August 17, 2006
- "Diversity in Veterinary Medicine", Iverson Bell Symposium, AAVMC Annual Meeting, Washington D.C., April, 2005

- "The Use of Oral Examinations to Assess Student Communication, Problem-Solving, and Self-Directed Learning Skills in a PBL Curriculum", **Nelson PD**, Bushby P, Grace S, and Pepper, W.; International Conference on Communication in Veterinary Medicine, Niagra Falls, Canada, June 13-16, 2004
- "A Few Notes on Preparing for the Career of Your Choice."; Recognition of Outstanding Seniors in Scott, Leake, Newton, and Smith Counties, Zeta Phi Beta Sorority Inc., Forest Community Center, Forest, MS; April 3, 2004
- "So You Want to be a Veterinarian? What it takes to apply to Veterinary School at MSU!", **Nelson PD**; Delta State University, Oct. 6, 2003
- "Clinical Instruction in the College of Veterinary Medicine, Mississippi State University"; **Nelson PD;** College of Veterinary Medicine, St. George's University, St. George, Granada. Feb. 12, 2003
- "Problem-Based Learning: Approaches to Curriculum Development", a twoday workshop; **Nelson PD**, Waldhalm S, School of Veterinary Medicine, Tuskegee University, Tuskegee Institute, AL; August 27-28, 2001
- "The Minority Student Pool: The Leaky Pipeline, **Nelson PD**, American Veterinary Medical Association, Boston, MA, July 16, 2001;
- "Minority Student Panel: Moderator" **Nelson PD,** 13th Biennial Iverson Bell Symposium, AAVMC Winter Meeting, Washington D.C., March 31, 2001
- "Advanced Trauma Life Support for Physicians", protocol developed for laboratory practice for emergency physicians, semi-annually since March, 1999
- "Team Building in Academia: A Problem Based Approach to Common Management Issues"; **Nelson PD,** Presented to Mitchell Memorial Library Administrative Staff, Mississippi State University, Mississippi State, MS. March 31, 1999

SEMINARS/ PRESENTATIONS (cont.)

- "Team Building in Academia: A Problem Based Approach to Common Management Issues"; **Nelson PD**, Department Head Enhancement and Enrichment Training Program, PRO MISS, Mississippi State University, Mississippi State, MS February 18, 1999
- "Research Opportunities in Veterinary Medicine", **Nelson PD**, Invited Lecturer / Minority Recruitment Visit. Rust College, Holly Springs, MS. November 11, 1998
- Development of Cellular Immunity in the Kitten and the Puppy. **Nelson PD**, Kern M, Kelly-Quaglianna K, Qu XL, Boyle C, Buddington R. American College of Veterinary Internal Medicine Annual Veterinary Medical Forum; May 22-25, 1998, San Diego, CA
- Age Correlation and Characterization of Lymphocyte Populations in Lymphoid Organs in the Dog and Cat. **Nelson PD**, Kern M, Kelly-Quaglianna K, Qu

- XL, Boyle C, Buddington R. IAMS International Nutritional Symposium, April 30 May 3, 1998, San Francisco, CA
- "Problems in Department Management: a Problem Based Experience in Departmental Management," **Nelson PD,** Jack S, Boyle J. PRO-MISS Leadership Development for Department Heads, Mississippi State University, Starkville, MS. November 20, 1997
- "Early Effects of Feline Leukemia Virus Infection on Lymphocyte Sub-Populations and the CD4+:CD8+ Lymphocyte Ratio"; Tompkins MB, **Nelson PD**, English RV, Novotney C; Minority Recruitment Visit. Alcorn State University, Lorman, MS. October 24, 1997
- "Feline Retroviruses: FeLV and FIV," **Nelson PD**, Graduate Seminar, College of Veterinary Medicine, Mississippi State University, Starkville, MS. September 8, 1997
- "Development of CD4+ and CD8+ Lymphocytes in Various Lymphoid Organs in the Dog and Cat: From Birth to Adult." Toxicology Task Force Annual Review Session, College of Veterinary Medicine, Mississippi State University; Starkville, MS. December 6, 1997
- Interviewed for article "Heartworm Prevention: Does Your Cat Really Need It?" Thomas, Chinwe, DVM, MPH; September, 1997. To be published in
- "Opportunities in Research for Veterinarians", **Nelson PD;** Health Careers Opportunity Program, Entrepreneurial Workshop, Tuskegee University, Tuskegee, AL. July 1-2, 1997
- "Retroviral Immunology", **Nelson PD**. Invited Lecturer / Minority Recruitment Visit Tuskegee University , Tuskegee, AL. February 24-25, 1997
- "The Minority Student Experience at MSU: A panel discussion for parents", Panel participant, Bost Extension Building, Mississippi State University, Starkville, MS. February 14, 1997

SEMINARS/ PRESENTATIONS (cont.)

- "Retroviral Immunology", **Nelson PD**. Invited Lecturer / Minority Recruitment Visit; Alcorn State University, Lorman, MS. December 3-4, 1996
- "Opportunities in Research for Veterinarians", **Nelson PD**; Invited Lecturer / Minority Recruitment Visit; Jackson State University, Jackson, MS. November 6-7, 1996
- "Description of Neoplastic Phenotypes in FeLV_R Induced Lymphomas"; **Nelson PD**, Gebhard D, Rottman J, Sellon R, English R, Tompkins WAF, and Tompkins M; Biological Sciences Seminar; Mississippi State University, Mississippi State, MS, February 13, 1995.
- "Description of Neoplastic Phenotypes in $FeLV_R$ Induced Lymphomas"; **Nelson PD**, Gebhard D, Rottman J, Sellon R, English R, Tompkins WAF, and Tompkins M; Symposium on Computer and Animal Modeling in Infectious Disease Research, Tuskegee University, Tuskegee Institute, AL, April 14-15, 1994

- "Description of Lymphocytic Phenotypes in FeLVR Induced Lymphomas"; **Nelson PD**, Gebhard D, Rottman J, Sellon R, English R, Tompkins WAF, and Tompkins M; International Symposium on Feline Retrovirus Research, October 6-9, 1993
- "Pathogenesis and Clinical Syndromes of FeLV"; **Nelson PD**, 1991 Veterinary Conference and Homecoming; North Carolina State University, Raleigh, NC.; September, 1991
- "Early Effects of Feline Leukemia Virus Infection on Lymphocyte Sub-Populations and the CD4+:CD8+ Lymphocyte Ratio"; " Tompkins MB, **Nelson PD**, English RV, Novotney C; Federation of the American Society of Experimental Biologists; Atlanta, Ga.; April, 1991
- "Computer Assisted Diagnostics in Veterinary Practice"; **Nelson PD**, American Animal Hospital Association; San Diego, Ca.; April, 1990
- "Applications of Computer Software in Veterinary Medical Education"; **Nelson PD**, "Beyond the Basics" Seminar; Hills Pet Products; Topeka, Ks.; October, 1989
- "Clinical Education in Veterinary Medicine"; **Nelson PD**, Tuskegee Veterinary Medical Association Executive Board; San Juan, Puerto Rico; Nov., 1988
- "Utilization of Problem Knowledge Couplers in Veterinary Practice"; **Nelson PD**, Alabama Veterinary Medical Association, Gulf Shores, Al; June, 1988
- "Outbreak of Salmonellosis Associated with Canine Distemper in a Greyhound Kennel"; **Nelson PD**, Alabama Veterinary Medical Association, Gulf Shores, Al; June, 1988
- "The Computerized Clinical Information System"; **Nelson PD**, Symposium on Biomedical information Management Systems, Tuskegee University; September 15, 1987
- "Problem Knowledge Couplers: Computer Aided Diagnostics and Case Management"; **Nelson PD**, American Veterinary Medical Association, Atlanta, GA; July 22, 1986
- "Canine Blastomycosis"; **Nelson PD**, Alabama Veterinary Medical Association, Gulf Shores, Al; June, 1986
- "The Concept of the Problem- Oriented Medical Record and its Implementation in the Veterinary Teaching Hospital" **Nelson PD**, Tuskegee University; March 4, 1986
- "Pu/pd Knowledge Coupler" **Nelson PD**, Tuskegee Veterinary Symposium, July 4, 1984
- "Ketoconazole and Amphotericin B" **Nelson PD**, Tuskegee Veterinary Symposium, April, 1984
- "Canine Ehrlichiosis" Nelson PD, Mississippi Veterinary Medical Association,

June, 1981; Arkansas VMA, July, 1982

"Canine Blastomycosis", Pyle L, Dunbar R, **Nelson PD**, Arkansas Veterinary Medical Association, July, 1982; Memphis VMA, August, 1982; Jackson, VMA, September, 1982; Baton Rouge VMA, November, 1982

"Demodicosis and Amatraz", Nelson PD, Arkansas VMA, July, 1982

"Feline Leukemia; Diagnostic Testing", **Nelson PD**, Arkansas VMA, July, 1982

Early Childhood Literacy Enrichment Training of Teacher and of Three and Four Year Olds in a Preschool Setting, Johnnie Earl Rasberry, July, 2004

Dietary Oligofructose and Inulin Modulate Immune Functions in Mice, Kindra Ann Kelly-Quaglianna, August, 2000

Failure to Detect Bovine Immunodeficiency Virus (BIV) Contamination of Stud Bull Blood or Semen Leukocytes in Samples Supplied by Artificial Insemination Centers, Rebecca Anne Burger, August, 2000

Dissertations / Thesis of Graduate Students:

Transplancental Transmission of Bovine Immunodeficiency Virus in Mississippi Dairy Cattle, Cary Allen Moody, August, 1999

Immunohistochemical detection of CD4+ and CD8+ T Cells by specific monoclonal antibodies During Postnatal Development of canine Small Intestine, Xian Lu, January, 1998

Additional professional activities

College Committees:

College Cabinet (MSU-CVM; WU-CVM)

Computer Advisory Group – Ad Hoc Chair (MSU-CVM)

Dean's Advisory Council (MSU-CVM; WU-CVM)

College Admissions Committee – Chair (MSU-CVM)

Faculty Awards Committee – Chair (MSU-CVM)

Land Use Committee (MSU-CVM)

Professional Education Fee Committee - Administrative Chair (MSU-CVM)

Program Director Group - Chair (MSU-CVM)

Staff Awards Committee (MSU-CVM)

CVM Picnic Committee - Chair 1996-97

Member 1994-95, '98 (MSU-CVM)

Faculty Awards Committee (MSU-CVM)

Admissions Interviewer (MSU-CVM)

CVM Orientation – 1995-2005 (MSU-CVM; WU-CVM)

Campus Relations Committee – 1997 (MSU-CVM)

Graduate Student Committees (MSU-CVM)
Xian Lu, MS, Major Professor, 1995 - 1998
Kendra Kelly Quaglianna, MS, Major Professor, 1997-2000
Terry Greenway, Ph.D., Major Professor, 1995- unfinished
Cary Moody, MS, Committee member, 1997-2000
Rebecca Ann Burger, MS, Committee member, 1995-1999
Johnny Raspberry, Ph.D., Committee member 1999 -2004
Carrie Weaver, Ph.D., Committee member, 1999 - 2004
Pamela Martin DVM, MS, Committee member, 2004 - 2005

Additional professional activities (cont.)

Division Committees:

Agricultural Summit II: Task Force on the Global Economy 1998 -99

Division Council (in absence of the Dean) 1994 - 2005 Meat Goat Committee 1995 – 1998

University Committees:

Academic Dean's Council (in absence of the Dean) 1994 - 2005 Administrative Council (in absence of the Dean) 1994 - 2005 Associate Dean's Council 1994 - 2004

Council on Minority Affairs - Member 1994-96; President 1996-1998

Development Council (in absence of the Dean) 1994 - 2005 Faculty and Staff Housing Appeals 1996-1999 Institutional Animal Care and Use Committee 1997- 2000 Replacement Scholarship Task Force 1998-2005 Judicial Appeals Board 1999-2005

WASC Committee on Accreditation (Member) – Western University 2006

WASC Panel on Outcomes Assessment (Chair) – Western University 2006-2007

Academic Dean's Council 2007 to present

State Committees / BoaState/National Committees & Boards

- IHL Committee on Tuition and Fees 1998
- Veterinary Diagnostic Laboratory Board (Acting Chair in absence of the Dean) 1997-1999
- MVMA Program Committee member 1999 2005
- MVMA Liaison Committee 1995-2005
- Member Organizing Committee: International Feline Retrovirology Symposium, 1993
- AAVMC Multicultural Affairs Committee: Chair 2000-2003
- Reviewer, Veterinary Immunology and Immunopathology; 1993 to 2003

- NBVME Qualifying Examination item writer; 2005-2007
- AAVMC Long Range Planning Committee: Member 2006-2007
- AAVMC representative to AVMA ECFVG committee: Member 2006-2012
- Dean's Advisory Committee, School of Veterinary Medicine, Nursing and Allied Health, Tuskegee: 2007 – Present
- AAVMC Finance Committee, 2010-13, Chair 2012-13
- AAVMC Advocacy Committee; member 2013-16, Chair 2015-16
- AAVMC President Elect; 2015-16
- AAVMC President; 2016-17
- AAVMC Past President 2017-18
- AAVMC Board of Directors: 2015 -18 pursuant to presidential duties

Editorial Boards

 Education for Evidence-Based Practice – Advisory Board 2005-2006

Consultant Activities

- COE Accreditation consideration; College of Veterinary Medicine, Chombuk National University, Chombuk South Korea; May 2016
- Discussions on the requirements of a Distributive Model of Clinical Training: Lincoln Memorial University, October 2010
- COE Accreditation preparation; College of Veterinary Medicine, Seoul National University, Seoul, South Korea; May 2007
- External Outcomes Assessment Committee; Member, Tuskegee University 2005
- Diversity Matters AAVMC national diversity effort; Liaison 2005-06
- Dean's Advisory Board; School of Veterinary Medicine, Nursing, and Allied Health, Tuskegee University. 2007-present

Professional memberships

- Mississippi Veterinary Medical Association, 1994 2005
- Alabama Veterinary Medical Association, 1985-89, and 1993-94
- American Association of Veterinary Medical Colleges, 1994 present
- American Veterinary Medical Association, 1979 present
- Minorities in Agriculture, Natural Resources and Related Sciences, 2002 - present
- Alabama Veterinary Medical Association, 1984 present
- Tuskegee Veterinary Alumni Association, 1979 –present
- American Animal Hospital Association, 1985 -1989

Community activities

College Open House provides opportunities for local Boy and Girl Scout troops to earn medical merit badges. To date, nearly 8 thousand merit

badges have been earned because of these opportunities.

Pomona Boys and Girls Club Supporter 2005-present

Starkville Rotary – Member, 2003 - 2005

United Way – Board Member, local chapter 2002-2005

100 Black Men of America

President

1998-2005

Secretary

1996-98

Charter Member- Columbus, Ms. Chapter

1995 - present

Chair - Scholarship Banquet Committee

Member - Mentoring Committee

Advisor: CVM Explorers; Boy Scouts of America

1996-98

Pro-MISS Rural Leadership Development; 1994 - 96

Chair - Issues Forum Committee

President, Bugg Elementary PTA

1991 - 1992

Member National PTA

1986 - present

Kiwanis

1995 - 1997

Awards received

Recipient of AAVMC 2016 Senator John Melcher, DVM Leadership in Public Policy Award

John Payne Industry Award; Banfield The Pet Hospital, 2012

Distinguished Alumnus Award; Tuskegee Veterinary Medical Alumni Association, 2008

Who's Who Among America's Teachers, 2004; 8th edition;

Member, Board of Examiners, Mississippi Quality Awards Program, June, 2002

Board of Trustee's Educator for Black History Month February 17, 2000

Selected as nominee for special recognition by Institutions of Higher Learning by Mississippi State University Division of Agriculture, Forestry and Veterinary Medicine 1997, 1998

AAGS Research Award; North Carolina State University, 1991

Recipient - National Research Service Award, 1989.

Norden Distinguished Teacher Award; Tuskegee University, 1985

Pegasus Award for Distinguished Clinical Instruction; Mississippi State University, 1983

References

Available on Request