

CURRICULUM VITAE

AL T. BURRS SR.

SUMMARY

I am a retired Army Veterinary Corps Officer, having served 27 years in the U.S. Army as a combat Infantryman, Medical Service Corps Officer and as an Army Veterinary Corps Officer. I am a trained experienced educator, teacher/trainer, motivator and leader of people. I have taught at the high school, College and University level. I have excelled as Commander (Chief Executive Officer) of organizations both nationally and internationally; ranging in size from 12 to 686 personnel. I commanded the largest Veterinary Unit in the free world and had responsibility for the entire Mediterranean Area, including the countries of Egypt, Israel, Turkey, Greece, Spain, all of Italy, (Sicily and Sardinia), Bahrain, and portions of Northern Africa. I have considerable experiences in Biological and clinical research, and Laboratory Animal cares: having served as Research Technician Supervisor at the University of Texas Dental Science Institute (M.D. Anderson Branch) Houston, Texas. Supporting the research of 18 M.D. and Ph.D. level Research Investigators, and providing care for a variety of research animals. The research animals ranged from Lobsters, Primates, Rodents, Birds, and Reptiles. I served as the organizer and Director of the Prairie View A & M University Marmoset Monkey Research Colony, (1968–1973) and Research Investigation Officer/ Veterinarian, and Laboratory Animal Support for Letterman Army Institute of Research (LAIR) Presidio, San Francisco, California. I am a team player, unselfish, self-motivated, conscientious, and proud to be on the Biology staff at Prairie View A&M University.

WORK HISTORY

- 2003-Present Assistant Professor of Biology, Biology Department, Prairie View A&M University Prairie View, Texas.
Duties: Teaching Anatomy and Physiology, Advisor to Pre-Veterinary Students, and Pre-Allied Health Students, Coordinator for Electron microscope installation and training. Committees: Chair of Biology Catalyst Campaign, member of Recruitment and Retention, Graduate School (Biology), Curriculum Assessment and Learning Outcome committees, member of the Faculty Advisors for 'Departmental Organizations Committee. Participant, for Biology in the 'Gates-Marshall Grant with *Royal High School of Brookshire, Texas. Elected to the Prairie View A & M University Faculty Senate.
- 1993-1998 Was Veterinary Clinical Consultant for Combat Development, Army Medical Center and School Fort Sam Houston, Texas.
Duties: Veterinary Instructor, Developed doctrine, concepts, Force Designs and equipment for future Army Veterinary Units. Wrote Operational Requirement Documents for Biological Defense vaccines for *clostridium Botulinum*, *Staphylococcus Sp.*, Anthrax, The Plague, and other potential biological warfare agents. Resulted in Veterinary Force

Modernization. Developed protocol for vaccine production by pharmaceutical companies. This work contributed to my receiving the Legion of Merit Award on retirement.

WORK HISTORY

- 1990-1993 Veterinary Commander (Chief Executive Officer) 34th Medical Detachment (VS) 45th Field Hospital, 7th MEDCOM, Vicenza, Italy.
Duties: Coordinated the procurement of wholesome subsistence for all of the soldiers, sailors, airmen, Marines, some allied forces, civilians and contractors working for the U.S. Government in the Mediterranean Area. Supported the Naval Medical Research Unit # III (NAMRU III). Was instrumental in transferring a group of research Baboons from our Research Laboratory in Kenya, Africa to NAMRU III in Egypt, for Schistosomiasis research. Saved the Baboons from euthanasia and the government millions of dollars for new research animals. Resulted in Meritorious Service Medal with 4th oak leaf cluster.
- 1980-1984 Research and Development Officer, Letterman Army Institute of Research (LAIR), Presidio San Francisco, California.
Duties: Performed toxicological studies on insect repellants, development of blood replacers, and provided Veterinary Laboratory Support for other Researchers at LAIR.
Received the Army Achievement Medal for services rendered.
- 1985-1986 Selected to attend the Army Command and General Staff College in residence at Fort Leavenworth, Kansas.
Duties: Graduate student
Graduated and was selected to become an instructor at the Academy of Health Sciences Fort Sam Houston, Texas.
- 1986-1988 Veterinary Public Health Inspection Officer/Instructor, Veterinary Science Division, Academy of Health Sciences Fort Sam Houston, Texas.
Duties: Performed health/sanitation inspections of Food and Dairy Plants in the South Texas area. Developed lesson plans and course of instructions for Food Preservation, Food Deterioration Food Hygiene Safety and Quality Control. Developed the training aids for the Food Safety and Quality Control courses and taught the new Veterinary Officers and Enlisted Veterinary personnel the same.
Results: Meritorious Service Medal with Second oak leaf clusters. Awarded the 5K Skill Identifier by Department of the Army. The 5K Skill identifier award indicates that the person has successfully completed all courses related to Faculty Development and classroom instruction, and is qualified as an exemplary instructor.

WORK HISTORY AND PUBLICATIONS

- 1970-1974 Was Assistant Professor of Biology, Prairie View A & M University, Texas.
Duties: Taught Human Anatomy and Physiology, Laboratory Techniques, and was Director of the Marmoset Monkey Colony Research facility.
Results: Numerous research papers and Thesis for undergraduates and publications in research journals. We (my students and I) Presented research papers at the 76th Annual Meeting of the Texas Academy of Science: ***Serum Cholesterol Studies in Marmoset Monkey Species: *Saguinas oedipus oedipus* and *Calithrix jaccus* and The Study of Fibrinogen Content in the Plasma of Marmoset Monkey Species: *Saguinas oedipus oedipus* and *Calithrix jaccus*.***
- 1963-1968 U.S. Army Infantry Officer; (1963-1965) assignments included Korea, 6th Special Forces Group, Ft. Braggs, N.C. (Africa, South America, Dominican Republic, and Iran)
Duties: Small Unit Leader/trainer and Instructor.
Assignments (1965-1967), Detachment Commander, Republic of Vietnam
Duties: Small Unit Leader/trainer and Instructor and Psychological Warfare Development.
Results: Bronze Star Medal, Air Medal, Army Commendation Medal, National Defense Service Medal w/Oak Leaf Cluster, Vietnamese Service Medal and many other medals and certificates of achievement.
- 1962-1963 I was a High School Teacher of Biology, Chemistry, Physics, and General Science, Woodville Independent School District, Woodville, Texas.
Duties: Homeroom Teacher for the 8th grade, Assistant Coach for Football, Basketball, Baseball and track. As the Debating Team Coach, the Debating Team won the District Meet and placed third in the State 2A School Division.

EDUCATION

Doctor of Veterinary Medicine, Tuskegee Institute, School of Veterinary Medicine, Tuskegee Institute, and Al.
Masters of Science Degree in Biology/Chemistry, Prairie View A. & M. University, Prairie View, Texas
Bachelors of Science Degree in Biology/Chemistry, Prairie View A. & M. University, Prairie View, Texas
Bachelors of Science Degree in Poultry and Animal Science, Tuskegee Institute, Al.

Education

ARMY

Command and General Staff College, Ft. Leavenworth, Kansas.

Infantry Advance Course, Ft. Benning, Ga.

Army Medical Department Advance Course Veterinary Science, Ft. Sam Houston, Texas.

I am married to Velma Foster Burrs for forty-six years. We have three children; Al T. Burrs Jr. is a Lieutenant Colonel in the Army Signal Corps, his wife Juliana and son Benjamin are on active duty with the U.S. Army. Our daughter, Demetra Laurette Burrs-President is a Physician-OBGYN, she has three children, a daughter, Athena, twin boys; Alexander and Zackery, they reside in Palo Alto, California. Robert F. Burrs, our youngest is a Juvenile Counselor, his wife Bethany and son Kaleb and daughters Evelynna, and Elliana, resides in LomPoc, California.