

Mark Vaughn Biggers

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EDUCATION

1995: SECONDARY TEACHING CERTIFICATION (BIOLOGY), Western Kentucky University, Bowling Green, KY.

1989: Graduate, U.S. Army Command and General Staff College, Ft. Leavenworth, KS.

1978: MASTER OF ARTS, COLLEGE TEACHING (MACT), Biology, Western Kentucky University, Bowling Green, KY.

Area of concentration in vertebrate anatomy and physiology. Secondary concentration in plant ecology, with the short thesis "*Seed Respiration In Response to Stratification Among a Population of Acer negundo.*" Served as Graduate Teaching Assistant for Basic Human Anatomy & Physiology Laboratories.

1977: BACHELOR OF SCIENCE (BS) BIOLOGY, Western Kentucky University, Bowling Green KY.

EXPERIENCE

1995 to Present: SCIENCE TEACHER, Glasgow Middle School, Glasgow, KY.

Teach 8th Grade classes in chemistry, physics, earth, and life sciences.

1994 - 1996: *INSTRUCTOR*, Stanley H. Kaplan Educational Centers, Ltd., Louisville, KY.

Taught ACT (Science Reasoning) preparation courses at Glasgow High School for area students, and taught Medical College Admissions Test (MCAT) (Biology component) preparation courses to students enrolled at Western Kentucky University.

1993 to Present: ADJUNCT BIOLOGY INSTRUCTOR, Western Kentucky University, Bowling Green and Glasgow Regional Campuses.

Taught Biology 113 (General Biology); currently teaching Biology 131 (Basic Human Anatomy & Physiology) Lectures and Lab, and Biology 231 (Advanced Human Anatomy & Physiology) Lectures and Lab.

1977 - 1993: UNITED STATES ARMY MEDICAL SERVICE CORPS OFFICER

Held various positions ranging from Medical Platoon Leader, Medical Subjects Instructor, Company Commander, Medical Operations and Plans Staff Officer, and Battalion Executive Officer. Took early retirement (VSI) incentive due to military downsizing from the Department of Defense with the rank of Major, at Ft. Knox, KY.

MILITARY TEACHING EXPERIENCE

1988 - 1990: INSTRUCTOR AND DEPUTY ADMINISTRATOR, MILITARY TRAINING NETWORK/or RESUSCITATIVE MEDICINE PROGRAMS, The Uniformed Services University of the Health Sciences, Bethesda, MD.

Taught basic subjects to first and fourth year medical students at this Department of Defense Medical School, Department of Medicine. Taught instructor training courses for the Advanced Trauma Life Support Course, accredited by the American College of Surgeons. Served as liaison between the American College of Surgeons and the American Heart Association, and the Department of Defense in reference to faculty credentials and scheduling/course content for Advanced Cardiac Life Support Courses offered at military hospitals worldwide.

1980 -1984: MEDICAL SUBJECTS INSTRUCTOR, U.S. Army Academy of Health Sciences, Medicine and Surgery Division, Anatomy and Physiology Branch, Ft. Sam Houston, TX.

Taught basic human anatomy and physiology at the Associate Degree level using human cadavers and models to Dental Hygienist, Physical Therapy, Respiratory Therapy, Radiological Technologist, and Special Forces medic students.

At the Bachelor Degree level, taught cardiovascular, renal, neurophysiology and acid-base balance classes to U.S. Army Physician'S Assistant students, accredited by the University of Oklahoma.

At the Masters Degree level, taught cell biology, cardiovascular, renal, neurophysiology, muscle, and endocrine physiology to U.S. Army Nurses enrolled in the State University of New York (Buffalo) accredited program in Nurse Anesthesia. Taught muscle physiology for the U.S. Army/Baylor University accredited Physical Therapy program.

Served as Deputy Branch Chief, Anatomy and Physiology Branch, Division of Medicine and Surgery.

HONORS AND AWARDS

Graduate, cum laude, Western Kentucky University, 1977.

Distinguished Military Graduate, Western Kentucky University, 1977.

Outstanding Young Man of America, 1983.

Commissioned Kentucky Colonel, 1990.

Military Badges/Awards: Air Assault Badge, Expert Field Medical Badge, Department of Defense Meritorious Service Medal, 3 awards of the Army Meritorious Service Medal, Joint Service Commendation Medal, and the Army Commendation Medal.

SECONDARY APPOINTMENTS

ADRJNCT PROFESSOR, St. Phillips College, San Antonio, TX, (1981).

ADRJNCT CLINICAL NURSING INSTRUCTOR, State University of New York, Buffalo, NY. (1981).

ADRJNCT ASSOCIATE PROFESSOR OF ALLIED HEALTH SCIENCES, Creighton University, Omaha, NE. (1982).