College of Veterinary Medicine

A. Delores Alexander

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Associate Professor, Director, Integrative Biosciences PhD Program

EDUCATION/TRAINING

Institution and Location	Degree	Graduation Year	Major
Tuskegee University, Tuskegee, AL	Cert.	2013	BioEthics
UNC Chapell Hill, Chapel Hill, NC	Post-doc	2005	Cancer Genetics
Meharry Medical Col., Nashville,TN	PhD	2001	Immunology, Parasitology
Tuskegee Univ., Tuskegee, AL	M.S.	1995	Environmental Sciences
Alabama St. Univ., Montgomery, AL	B.S.	1992	Biology, Chemistry minor

TEACHING

- Molecular Biology, Epidemiology, Toxicology, Environmental Health, Bioethics, Parasitology, Animal Diseases, Evolution, Ecology & Diversity, Advanced Biosciences, Scientific Communications. Winner, Faculty Teaching Award, College of Agriculture, Environment, and Nutrition Sciences, 2015

RESEARCH INTERESTS

- Our lab studies microbial ecology and how the colonization of microorganisms, especially the members of the commensal flora, modulates gastrointestinal diseases susceptibility and resistance. We work on various models, including turkeys, goats, mice and human samples and apply our research expertise to colitis, colon cancer, nutrition and GI biology and many other areas.

RECENT PUBLICATIONS

- Desire Richardson, Lakisha Odom, Micoya Myers*, DeJuana Grant*, Kara Cromwell, and **Alexander, A.D.** The Biological Consequences of Kaolin Geophagia. PAWJ, January 2015.
- **D. Alexander** and Terrisha Buckley. "Ending the Never Again Refrain. The Challenges of Creating Ethical Consciousness in the Academy." Journal of Healthcare, Science, & the Human., *accepted 2015.*
- Sheritta Cooks-Fagbodun, Mark McHugh, Martha Graham, Maya Scott, Halston Sleets, Franklin Quarcoo, William Witola, and **A. D. Alexander.** Molecular identification of *Trypanosoma cruzi* in *Anasa tristis.* April 2014. The FASEB Journal vol. 28 no. 1 Supplement LB268.

SERVICE ACTIVITIES

- Member, Tuskegee University Master Steering Committee
- Advisor, Tuskegee Wesley Foundation , Volunteer, Tuskegee University Archives
- Choir and Vocal Director, Greenwood Missionary Baptist Church
- Genealogist (on 6 family histories and 4 books)
- Work-study supervisor for more than 120 students over the last 9 years