

## College of Veterinary Medicine

**Name: Ebony Gilbreath, DVM, PhD, DACVP**

***Title: Associate Dean for Academic Affairs; Professor of Anatomic Pathology***

Department: Pathobiology  
Phone: 334.724.4103  
Fax: 334.724.4110  
E-mail: egilbreath@tuskegee.edu



### EDUCATION/TRAINING

| Institution and Location                    | Degree | Graduation Year | Major                    |
|---------------------------------------------|--------|-----------------|--------------------------|
| Michigan State University, East Lansing, MI | PhD    | 2011            | Pathology                |
| Tuskegee University, Tuskegee, AL           | DVM    | 2004            | Veterinary Medicine      |
| Tuskegee University, Tuskegee, AL           | BS     | 2000            | Animal & Poultry Science |
|                                             |        |                 |                          |
|                                             |        |                 |                          |

### TEACHING

2<sup>nd</sup> year General Pathology (Neoplasia; Cardiovascular Pathology); 2<sup>nd</sup> year Systemic Pathology (Neuropathology; Respiratory pathology); 3<sup>rd</sup> and 4<sup>th</sup> year Necropsy Clinical Rotation (diagnostic anatomic pathology); Train anatomic pathology interns

### RESEARCH INTERESTS

Neuroendocrine pathology; Comparative pathology; Toxicologic pathology

### RECENT PUBLICATIONS

Cassandra M. Powers, Gbemisola M. Akingbade, Ida L. Phillips, Athema L. Etzioni, Ebony Gilbreath. (2022) Pathology in Practice: Polycystic Liver Disease in a Geriatric Syrian Hamster (*Mesocricetus auratus*). JAVMA-22-07-0292.R3. (Accepted November 7, 2022)

Puri P, Grimmer G, Faraj R, Gibson L, Gilbreath E, Yoder BK. Elevated Protein Kinase A Activity in Stomach Mesenchyme Disrupts Mesenchymal-epithelial Crosstalk and Induces Preneoplasia. Cell Mol Gastroenterol Hepatol. 2022;14(3):643-668.e1. doi: 10.1016/j.jcmgh.2022.06.001. Epub 2022 Jun 9. PMID: 35690337; PMCID: PMC9421585.

Wilson K. Rumbeiha, Ebony Gilbreath, Deloris Alexander, Ana-Paula Correia, Julie Foertsch, Jared Danielson, Dongsuk Kim, Imaobong Inyang. (2020) Lessons Learned from ToxMSDT: A Pilot Innovative Toxicology Research Education Pipeline Program Targeting Underrepresented Undergraduate Students to the Field of Toxicology. *Understanding Intervention Journal*. 2020, Vol. 11, Issue 2.

Dong-Suk Kim, Poojya Anantharam, Piyush Padhi, Daniel R Thedens, Ganwu Li, Ebony Gilbreath, Wilson K Rumbeiha. (2019) Transcriptomic profile analysis of brain inferior colliculus following acute hydrogen sulfide exposure. *Toxicology*. 2020;430:152345. doi:10.1016/j.tox.2019.152345

Ebony T. Gilbreath, Sammy L. Gorham, Dennis L. Anderson, William H. Witola, Roslyn H. Casimir, Elvia R. Bridges, Wesson D. Gaston. (2019) Pulmonary *Paragonimus* infection and other pathologic findings in feral swine (*Sus scrofa*) from Macon County, Alabama. J Swine Health Prod. 2019;27(3):125-132.

Ebony T Gilbreath, Lakshmikripa Jaganathan, Madhan Subramanian, Priya Balasubramanian, Katrina D Linning, Sheba MJ MohanKumar and Puliur S MohanKumar. (2019) Chronic estrogen affects TIDA neurons through IL-1 $\beta$  and NO: effects of aging. J Endocrinology. 2019 Jan 240(2):157-167. (epub Nov 2018)