

Table 2. Participating Faculty Members

Name	Degree(s)	Rank	Primary Department or Program	Research Interest
Al-Masum, Mohammad	PhD	Assoc. Prof.	Chemistry, TSU	Oxazinanes, and oxazolidines as anticonvulsant derivatives
Boadi, William	PhD	Prof.	Chemistry, TSU	mechanisms of novel acridones and their derivatives as cancer preventive agents and their abilities to modulate glutathione (GSH) levels.
Bornhop, Darryl.	PhD	Prof.	Chemistry, Vanderbilt	synthesis, characterization, and application of exogenous markers for early disease detection, diagnosis, and in-vitro assays.
Carneiro, Ana	PhD	Asst. Prof.	Pharmacology, Vanderbilt	Cell Adhesion and Regulation of the Serotonin Transporter Function by Integrins in the Mouse Brain
Casagrande, Vivien	PhD	Prof	Psychology, Vanderbilt	Understand how the visual thalamus and cortex interact to construct our perceptual world
Chen, Zhengbang	PhD	Assoc. Prof.	Biochem. and Cancer Biology, Meharry	Prostate Cancer and the anticancer efficacy of novel acridone derivatives
Daniels, Scott	PhD	Adj. Professor	Pharmacology	Pharmacologic kinetics
Davis, Jamaine	PhD	Asst. Prof	Biochem. And Cancer Biology, Meharry	Structural pathways in cellular networks
de la Mothe, Lisa	PhD	Asst. Prof	Psychology, TSU	Neuroanatomical and neurochemical organization of the auditory system.
Ejiofor, Anthony	PhD	Prof.	Biology, TSU	Microbial Ecology, Physiology & Genetics/ Industrial Microbiology & Biotechnology
Eltom, Sakina	PhD	Prof.	Pharmacology, Meharry	aryl hydrocarbon receptor breast cancer progression
Fentress, Hugh	PhD	Asst. Prof.	Biology, TSU	Molecular and Behavioral Neuroscience
Johnson, Terrance	PhD	Prof.	Biology, TSU	Microbial Physiology, Genetics and Ecology
Kelly, Kiesa	PhD	Assoc. Prof	Psychology, TSU	Electrophysiology, event-related potentials (ERPs)
Khabele, Dineo	MD	Assoc. Prof.	Cancer Biology, Vanderbilt	Histone Deacetylases in Ovarian Cancer

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Marshall, Dana	PhD	Assoc. Prof	Pathology, Anatomy and Cell Biology, Meharry	Oral cancer and infections of upper aerodigestive tract
Myles, E. Lewis	PhD	Prof.	Biology, TSU	Anti-cancer properties of Natural Products
Ochieng, Josiah	PhD	Prof.	Biochemistry and Cancer Biology, Meharry	Molecular determinants of Cancer Metastasis
Patton, James	PhD	Prof.	Biological Sciences, Vanderbilt	Function of miRNAs during vertebrate development and retina regeneration
Phambu, Nsoki	PhD	Assoc. Prof	Chemistry, TSU	Spectroscopic analysis of peptides and nucleotides
Quaranta, Vito	MD	Prof.	Cancer Biology, Vanderbilt	Cancer Systems Biology
Quick, Quincy	PhD	Asst. Prof.	Biology, TSU	Investigation of novel experimental therapeutics and targets for the treatment of brain tumors
Ramesh, Aramandla	PhD	Assoc. Prof.	Biochemistry and Cancer Biology, Meharry	Environmental Toxicology, Chemical Carcinogenesis
Shanker, Anil	PhD	Assoc. Prof.	Biochemistry and Cancer Biology, Meharry	Regulation of lymphocyte function, Tumor immunology and immunotherapy
Son, Deok-Soo	Ph.D, DVM	Asst. Prof.	Biochemistry and Cancer Biology, Meharry	Chemokine network in breast and ovarian cancers
Sterling, Julie	PhD	Asst. Prof.	Pharmacology and Cancer Biology, Vanderbilt	Regulation of Gli2 and PTHrP expression in bone
Stewart, LaMonica	PhD	Assoc. Prof.	Biochemistry and Cancer Biology, Meharry	Nuclear Receptor Signaling, Prostate Cancer, Therapeutic Strategies for Prostatic Diseases

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Tiriveedhi, Venkataswarup	MD/PhD	Asst. Prof.	Biology, TSU	Cytokine, high salt and Breast Cancer
Vercruyse, Koen	PhD	Assoc. Prof.	Chemistry, TSU	Oxidation of Catecholamines
Wang, Xiaofei	PhD	Assoc. Prof.	Biology, TSU	Endocrinology, Genomics, Adipocytes Development, Circadian Rhythms
Whalen, Margaret	PhD	Prof.	Chemistry, TSU	Immunotoxicology of environmental contaminants

