

## College of Veterinary Medicine

### Biomedical and Diagnostic Sciences

**Cox, Sherry – MS, PhD**

[scox6@utk.edu](mailto:scox6@utk.edu)

Research Emphasis: Pharmacology

**Donnell, Robert – DVM, PhD, DACVP**

[rdonnell@utk.edu](mailto:rdonnell@utk.edu)

Research Emphasis: Pathogenesis of amyloid formation, deposition and clearance via use of transgenic models, development of antibodies and clinical evaluation of novel approaches

**Fecteau, Kellie – MS, PhD**

[kfecteau@utk.edu](mailto:kfecteau@utk.edu)

Research Emphasis: Clinical endocrinology

**Flatland, Bente – DVM, MS, DACVIM, DACVP**

[bflatlan@utk.edu](mailto:bflatlan@utk.edu)

Research Emphasis: Clinical pathology quality management, method validation/comparison, point-of-care testing, coagulation, hematology, chemistry of stains and staining, diagnostic cytology

**Fry, Michael – DVM, MS, DACVP**

[mfry@utk.edu](mailto:mfry@utk.edu)

Research Emphasis: Canine hepcidin, reticulocyte indices as markers of iron deficiency

**Gerhold, Richard – DVM, MS, PhD**

[rgerhold@utk.edu](mailto:rgerhold@utk.edu)

Research Emphasis: Wildlife and public health-associated parasite epidemiology; protozoa and tick-borne diseases

**Giori, Luca – DVM, PhD**

[lgiori@utk.edu](mailto:lgiori@utk.edu)

Research Emphasis: All aspects of laboratory medicine, with a specific interest in diagnostic of adrenal endocrinopathies

**Kania, Stephen – MS, PhD**

[skania@utk.edu](mailto:skania@utk.edu)

Research Emphasis: Immunology and diagnosis of infectious diseases, microbial molecular diversity, and mechanisms of bacterial virulence

**Kennedy, Melissa – DVM, PhD, DACVIM**

[mkenned2@utk.edu](mailto:mkenned2@utk.edu)

Research Emphasis: Coronavirus, infections in felidae, viral diseases of non-domestic species

**Martin-Jimenez, Tomas – DVM, PhD DECVPT, DACVPC**

[tmartinj@utk.edu](mailto:tmartinj@utk.edu)

Research Emphasis: Pharmacology

**McEntee, Michael – DVM, DACVP**

[mmcentee@utk.edu](mailto:mmcentee@utk.edu)

Research Emphasis: Gross, histologic, and ultrastructure and ultrastructural pathology

**Miller, Debra – DVM, MS, PhD**

[dmille42@utk.edu](mailto:dmille42@utk.edu)

Research Emphasis: Amphibian diseases; Leatherback sea turtle and marine and Arctic mammal pathology

**Newkirk, Kim – DVM, PhD, DACVP**

[knewkirk@utk.edu](mailto:knewkirk@utk.edu)

Research Emphasis: Mouse models of human disease; mouse phenotyping

**Odoi, Agricola – BVM, MSc, PhD, FAHA, FACE**

[aodoi@utk.edu](mailto:aodoi@utk.edu)

Research Emphasis: Applications of GIS & spatial epidemiology in health research & practice; zoonotic infections of public health significance; determinants of population health

**Okafor, Chika – DVM, MS, PhD**

[okaforch@utk.edu](mailto:okaforch@utk.edu)

Research Emphasis: Qualitative veterinary epidemiology and public health; food safety in foods of animal origin

**Reed, Robert – DVM, PhD**

[rbreed@utk.edu](mailto:rbreed@utk.edu)

Research Emphasis: Nutritional regulation of LHRH and LH secretion and effects on the reproductive axis; Macroscopic and applied anatomy of domestic and exotic species

**Rouse, Barry – DVM, MSc, PhD**

[btr@utk.edu](mailto:btr@utk.edu)

Research Emphasis: Comparative cellular and molecular immunology; viral infection diseases

**Schaefer, Deanna – DVM, MS, DACVP**

[dschaefer@utk.edu](mailto:dschaefer@utk.edu)

Research Emphasis: Hematopathology; comparative hematology; iron metabolism

**Souza, Marcy – DVM, MPH, DABVP, DACVPM**

[msouza@utk.edu](mailto:msouza@utk.edu)

Research Emphasis: Infectious diseases; zoonoses of wildlife and exotic pets

**Thompson, Sharon – DVM, MPH**

[srthompson@utk.edu](mailto:srthompson@utk.edu)

Research Emphasis: Food safety and defense

**Wang, Hwa-Chain Robert – BVM, MS, PhD**

[hcrwang@utk.edu](mailto:hcrwang@utk.edu)

Research Emphasis: Anti-cancer molecular oncology

## Large Animal Clinical Sciences

**Adair, Henry S. – DVM, MS, DACVS, DACVSMR, CERP**  
[sadair@utk.edu](mailto:sadair@utk.edu)

Research Emphasis: Equine laminitis; laser Doppler flowmetry; microvascular blood flow and laser surgery

**Anderson, David – DVM, MS, DACVS**  
[dander48@utk.edu](mailto:dander48@utk.edu)

Research Emphasis: Bovine pain and welfare; ruminant surgery; animal models for human research

**Beever, Jon – MS, PhD**  
[jbeever@utk.edu](mailto:jbeever@utk.edu)

Research Emphasis: Livestock genomics.

**Caldwell, Marc – DVM, PhD, DACVIM**  
[mcaldwell@utk.edu](mailto:mcaldwell@utk.edu)

Research Emphasis: Infectious diseases of food animals with particular focus on bacterial pathogenesis and host-pathogen interactions

**Collar, Elizabeth – DVM, PhD, DACVS**  
[ecollar@utk.edu](mailto:ecollar@utk.edu)

Research Emphasis: Musculoskeletal injuries in race and performance horses

**Dhar, Madhu – MS, PhD**  
[mdhar@utk.edu](mailto:mdhar@utk.edu)

Research Emphasis: Animal models of human disease with special relevance to obesity and diabetes

**Lear, Andrea – DVM, MS, PhD, DACVIM**  
[alear@utk.edu](mailto:alear@utk.edu)

Research Emphasis: Reproductive and placental immunology, infectious disease, neonatology

**Mulon, Pierre-Yves – DVM, DES, DACVS**  
[pmulon@utk.edu](mailto:pmulon@utk.edu)

Research Emphasis: Biomechanics, bone healing, regenerative medicine, bone implant interface, osseointegration

**Prado, Tulio – DVM, MS, DACT**  
[tprado@utk.edu](mailto:tprado@utk.edu)

Research Emphasis: Large animal reproductive efficiency with emphasis on food animal production medicine. General animal reproduction including companion animals, lamoids, and equine.

**Seddighi, M. Reza – DVM, MS, PhD, DACVAA, CVMA**  
[mrsed@utk.edu](mailto:mrsed@utk.edu)

Research Emphasis: Pharmacokinetics and dynamics of analgesics and anesthetics

**Whitlock, Brian – DVM, MS, PhD, DACT**  
[bwhitloc@utk.edu](mailto:bwhitloc@utk.edu)

Research Emphasis: Reproductive physiology and endocrinology; interaction of metabolic and reproductive systems

## Small Animal Clinical Sciences

**Jones, Michael – DVM, DABVP (Avian)**  
[mpjones@utk.edu](mailto:mpjones@utk.edu)

Research Emphasis: Avian medicine

**Millis, Darryl – DVM, MS, DACVS, CCRP, DACVSMR**  
[dmillis@utk.edu](mailto:dmillis@utk.edu)

Research Emphasis: Effects of growth factors on bone healing; canine gait analysis

**Morandi, Federica – DVM, MS, DECVDI, DACVR**  
[fmorandi@utk.edu](mailto:fmorandi@utk.edu)

Research Emphasis: CT; nuclear Medicine; PET

**Murphy, Maryanne – DVM, PhD, DACVN**  
[mmurph30@utk.edu](mailto:mmurph30@utk.edu)

Research Emphasis: Obesity prevention and management

**Rollins, Angela – DVM, PhD, DACVN**  
[arollins@utk.edu](mailto:arollins@utk.edu)

Research Emphasis: Veterinary nutrition

**Tobias, Karen – DVM, MS, DACVS**  
[ktobias@utk.edu](mailto:ktobias@utk.edu)

Research Emphasis: Portosystemic shunts

**Whittemore, Jacqui – DVM, PhD, DACVIM**  
[jwhittemore@utk.edu](mailto:jwhittemore@utk.edu)

Research Emphasis: Vaccine-associated immune disorders; pancreatic and liver disorders; non-invasive interventional techniques

# Entomology & Plant Pathology, Food Science, Public Health, Nutrition

## **Barroso, Cristina – DrPH**

[cbarroso@utk.edu](mailto:cbarroso@utk.edu)

Research Emphasis: Child and adolescent health disparities, childhood obesity, healthy eating, active living, and body image

## **Brown, Kathleen C. – PhD, MPH**

[kcbrown@utk.edu](mailto:kcbrown@utk.edu)

Research Emphasis: Health issues and how they affect the overall quality of life and health of the community

## **Chen, Jiangang (Jay) – MM, PhD**

[jchen38@utk.edu](mailto:jchen38@utk.edu)

Research Emphasis: Impacts of environmental toxicants on development and reproductive function

## **D'Souza, Doris – PhD**

[ddsouza@utk.edu](mailto:ddsouza@utk.edu)

Research Emphasis: Rapid detection & tracking systems for foodborne pathogens in the food environment to prevent outbreaks and recalls

## **Kintziger, Kristina W. – PhD, MPH**

[kkintzig@utk.edu](mailto:kkintzig@utk.edu)

Research Emphasis: Understanding the vulnerabilities and current & future disease burden associated with climate- sensitive hazards; understanding the relationship between

## **Raynor, Hollie – PhD, MS**

[hlaynor@utk.edu](mailto:hlaynor@utk.edu)

Research Emphasis: Lifestyle interventions for obesity treatment in children and adults; examining environmental dietary factors which influence food consumption

## **Trout Fryxell, Rebecca – MS, PhD**

[rfryxell@utk.edu](mailto:rfryxell@utk.edu)

Research Emphasis: Surveying vector populations and assessing pathogen prevalence; ascertaining specific biologies and life histories of vectors by population, species, and/or community; investigating population specific vector ecology and genetics; and developing and evaluating novel methods for vector management and disease suppression

## UT Graduate School of Medicine

### **Gerard, David – PhD**

[dgerard@utk.edu](mailto:dgerard@utk.edu)

Research Emphasis: Bone activity in response to implanted materials and bone response to growth factors

### **Goldman, Mitchell – MD**

[mgoldma2@utk.edu](mailto:mgoldma2@utk.edu)

Research Emphasis: Vascular/transplant surgery

### **Grandas, Oscar – MD**

[ograndas@mc.utmck.edu](mailto:ograndas@mc.utmck.edu)

Research Emphasis: Pancreas transplantation

### **Karlstad, Michael D. – PhD**

[mkarlsta@tennessee.edu](mailto:mkarlsta@tennessee.edu)

Research Emphasis: Regulation of pulmonary inflammation and protein metabolism by protein and lipid mediators in critical illness and trauma

### **Kennel, Stephen – PhD**

[skennel@tennessee.edu](mailto:skennel@tennessee.edu)

Research Emphasis: Human immunology & cancer

### **Marks, Murray K – PhD**

[mmarks@utmck.edu](mailto:mmarks@utmck.edu)

Research Emphasis: Mineralized tissue biology and histology; dental enamel histopathology; skeletal trauma histology; fetal dental development, human identification/forensic anthropology

### **Mountain, Deidra - PhD**

[dmountain@uthsc.edu](mailto:dmountain@uthsc.edu)

Research Emphasis: Vascular/transplant surgery

### **Terry, Paul – PhD, MPH**

[pdterry@utk.edu](mailto:pdterry@utk.edu)

Research Emphasis: Epidemiology

### **Wall, Jonathan S. – PhD**

[jwall@utmck.edu](mailto:jwall@utmck.edu)

Research Emphasis: Amyloid and other abnormal protein assemblies