

12:00

Dr. **Gayatri Vedantam** studies hospital-acquired bacterial infection. Her lab performs disease surveillance, research the molecular basis of virulence, and develop non-antibiotic therapies to combat these infections.

Dr. **V.K. Vishwanathan** will discuss a spectrum of bacterial diseases that kills one child every 30 seconds in the developing world. We study the molecular mechanisms employed by the diarrheal pathogens and explore ways to limit and cure the infections.

Dr. **Zelieann Craig** studies and will present on "It's not you, it's the environment - or how environmental chemicals may affect our ability to have babies!"

12:30

Dr. **Sadhana Ravishankar** focuses on food safety research, controlling food-borne pathogens using natural ways and understanding how cross-contamination occurs.

Dr. **Arun Dhar** studies diseases that are a major global threat to the sustainable shrimp industry. His talk will focus on the work that his Aquaculture Pathology Lab conducts.

1:00

Dr. **Patricia Stock** studies insect pathogens as model systems for host-microbe interactions and insect pathology.

Dr. **Luise King** is a DVM that will discuss potential internship opportunities.

1:30

Dr. **Kerry Cooper** studies epidemiology, genomics and pathogenesis of bacterial pathogens.

Drs. Dieter and Netzin Steklis will present on The Human-Animal Interaction Research Initiative (HAIRI) develops research to understand the biopsychology of human-animal interrelationships and how this understanding can be applied to human and non-human animal health/welfare.

2:00

Dr. **Jerry Lopez** studies and will present on food safety, water quality and transmission of pathogens in indoor environments.

Dr. **Dan Englejohn** will present on how his animal science and food safety courses all share a central theme of learning good production practices, whether the focus is on healthy livestock management or on manufacturing safe food.

2:30

Dr. **Ben Renquist** will describe research his lab preforms using mice to understand the effect of heat stress in dairy cattle.

Dr. **Frank Duca** will present on his lab's focus which investigates the role of environmental and genetic interactions in altering the gut microbiota and nutrient- sensing pathways of the intestine and diabetes.

3:00

Dr. **Margarethe Cooper** will present the SaferFoodCats internship opportunity for students interested in food safety.

Dr. **Sean Limesand** studies and will discuss fetal growth and development primarily using sheep models.

3:30

Dr. **Mike Riggs'** research program centers on the immunobiology of bovine and human cryptosporidiosis, a diarrheal disease caused by the parasitic protozoan parasite *Cryptosporidium* spp.

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12-4 pm