

**Phi Zeta Research Day**  
**March 1, 2005, 12:00 noon**  
**Second Floor Hallway between Trotter Hall and Mosier Hall**

**Posters**

**W. Braga** - Electron Microscopy Study of Babesia WA1 Infection in a Hamster (*Mesocricetus auratus*) Model

**Angie Bettenhausen**- Electrophoresis of Serum Cholinesterase to Determine Specific Enzyme Activity in Normal and Organophosphate-Poisoned Animals

**A Kaser** - PKA-mediated phosphorylation of flotillin 1 and SNAP 25 in insulin secreting HIT-T15 cells

**Kyle Weaver** - *Ehrlichia chaffeensis* infection-induced altered protein expression in macrophages

**Daisuke Yamauchi** - Regulation of Epithelial Calcium Channel Expression by Vitamin D in Inner Ear of Rat: Gene Microarray and qRT-PCR

**J. Vinasco** - First Report of *Ehrlichia canis* Infection from Lima, Peru

**E. Hiskett** - Molecular Description of Pathways in Glucose Metabolism

**Keiichi Kuroki** - Evaluation of chondroprotective nutraceuticals in an *in vitro* osteoarthritis model

**Danielle J. Padilla** - Microvascular oxygenation impairments in chronic heart failure are exacerbated by concurrent type II diabetes

**Yongming Sang** - Bioinformatic Discovery of Eleven Novel Porcine -Defenins

**Kalyan C. Nannuru** - *Ehrlichia chaffeensis* immunodominant protein genes identified from an expression genomic library

**Ruchira Singh** - Microarray based comparisons of amplification methods for nanogram amounts of total RNA

**Allison M. Heaney** – Preliminary Phenotype of cultured canine valvular interstitial cells

**ML Esterline** - Comparison of radiographic and computed tomographic lymphangiography for visualization of the canine thoracic duct

**5:45 pm**      **Reception and Awards Ceremony** – Practice Management Center, 4<sup>th</sup> Floor, Trotter Hall