

SVM Summer Research Fellows for 2006

VETERINARY STUDENTS

Fellow/Mentor Pairings	Research Project Topic
Evan Apotheker '08/ Dr. Larry Glickman, VPB	Design a prospective study involving diagnosis of TCC and other bladder ailments via ultrasound with the possibility of a study of the measurement of TCC via ultrasound regarding procedure and accuracy/repeatability of measurement
Beth Barno '08/ Dr. Tim Lescun, VCS	Influence of pilot hole drilling on thermal damage to bone during transfixation pin insertion in the horse
Matt Blandford '09/ Dr. Ourania Andrisani, BMS	Mechanism of neurite formation in differentiating neurons
Bryan Bottorff '08/ Dr. Gert Breur, VCS	A comparison of limb speed and trunk speed in dogs of different sizes
Abigail Durkes '08/ Dr. Riyi Shi, BMS	Role of acrolein in spinal cord injury
Amber Ferner '08/ Dr. Debbie Knapp, VCS/ Dr. Jim Leary, BMS	Novel approach to cancer therapy using nanotechnology
Brooke Lechlitner '09/ Dr. Nagendra Prasad, BMS	Dietary regulation of signaling pathways underlying the obesity-linked breast cancer predisposition
Jennifer Slack '08/ Dr. Sophie Lelièvre, BMS	Development and <i>in vitro</i> investigation of DNA-based nanotweezers to control gene expression (potential applications for breast cancer therapy)
Katie Wentworth '08/ Dr. George Moore, VPB/ Dr. Lynn Guptill, VCS	Applicability of large veterinary medical databases to describe the biological variability of companion animal diseases

PREVETERINARY STUDENTS

Fellow/Mentor Pairings	Research Project Topic
Maria Cooper/ Dr. Laurent Couëtil, VCS	Evaluation of a new treatment for lung emphysema in a sheep model
Caitlin Lawrence/ Dr. Susan Mendrysa, BMS	The role of PPP1R16B in lymphomagenesis
Elizabeth Retseck/ Dr. Sophie Lelièvre, BMS	Identification of factors that control apical polarity to develop novel breast cancer prevention strategies