



## **Angela Hughes**

Angela earned a BS in Biochemistry and Molecular Biology at Reed College in Portland, Oregon in 1997. This degree was followed by a year of practical experience developing DNA-based human diagnostic tests at Roche Molecular Systems. From there, Angela entered veterinary school at UC Davis and graduated in 2002. After completing an internship in small animal medicine and surgery, Angela returned to UC Davis for the Veterinary Genetics residency under Dr. Bannasch, which she completed in 2006.

Angela is currently a Genetics Graduate Group PhD student in Dr. Anita Oberbauer's lab in the Animal Science Department. For her PhD research Angela is continuing her residency project in which she analyzed the mode of inheritance and began searching for a mutation responsible for Addison's disease (hypoadrenocorticism) in Nova Scotia Duck Tolling Retrievers. Addison's disease appears to be particularly prevalent in this breed and some dogs are being diagnosed very young. As this is a potentially devastating disease physically, emotionally, and financially, development of a mutation or linked marker test to identify dogs at increased risk of developing Addison's or passing it on to their offspring would be exceedingly valuable.

Outside of the lab, Angela enjoys woodworking, quilting, reading, and practicing agility with her dog.