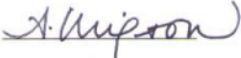



PAW Semester Progress Report Project ID: Grizzly-PAW Theme 3B.1 and 3B.2 Title: Development and application of physiological markers of Grizzly Bear health		Institution: University of Saskatchewan Project Supervisor: David Janz HQP Name: Abbey Wilson	
		Committee Members: N/A <input type="checkbox"/> See Progress Report Year: _____ Semester _____ <input type="checkbox"/> Names: _____ _____	
Report Period Year: 2019 <input type="checkbox"/> S1 Summer May-Aug <input type="checkbox"/> S2 Fall Sep-Dec <input checked="" type="checkbox"/> S3 Winter Jan-Apr		Number of Courses Left to Complete: N/A	
Tasks Completed this Semester <ul style="list-style-type: none"> • Attended meeting with Gordon Stenhouse at University of Saskatchewan. • Learned hair hormone extraction and analysis method in laboratory. • Extracted and analyzed grizzly bear hair samples collected in 2004. • Completed data evaluation and statistical analysis for 2004-2014 HCC manuscript. • Submitted 2004-2014 HCC manuscript abstract to The Wildlife Society Conference (Sept 2019). • Completed the 4th Buck Institute Targeted Quantitative Proteomics Course (March 2019) in Novato, CA. • Identified target proteins indicative of grizzly bear health and their corresponding proteotypic peptides for the development and validation of the LC/MSMS/MRM assay. • Completed the CAZWV Chemical Immobilization of Wildlife Course (April 2019) in Canmore, AB. 			
Publications and Presentations: N/A			
Annual General Meetings AGM1 <input type="checkbox"/> Attended <input type="checkbox"/> Reported results		AGM2 <input checked="" type="checkbox"/> Attended <input checked="" type="checkbox"/> Reported results	
		AGM3 <input type="checkbox"/> Attended <input type="checkbox"/> Reported results	
Research Targets for next Semester <ul style="list-style-type: none"> • Collect tissue and hair samples from free-ranging grizzly bears with FRI during spring field season. • Extract and analyze banked and recently collected tissue samples for LC/MSMS/MRM protein assay. • Complete and submit 2004-2014 HCC manuscript. 			
HQP Signature: 		Project Supervisor Signature: 	
Date: 17Apr2019		Date: 17Apr2019	