



University of Nevada, Reno  
Statewide • Worldwide

THE GRADUATE SCHOOL

We recommend that the thesis  
prepared under our supervision by

**AMANDA M. CLINE**

entitled

**Development Of A Model System For Culturing Neonatal Rat Ventricular  
Myocytes In Vitro To Monitor Integrin Activation In Response To Altered  
Contractile Force**

be accepted in partial fulfillment of the  
requirements for the degree of

**MASTER OF SCIENCE**

Maria Valencik, Advisor

Robert Harvey, Committee Member

Josh Baker, Committee Member

Normand Leblanc, Graduate School Representative

Marsha H. Read, Ph. D., Dean, Graduate School

August, 2011