

**Effects of diet quality on the activity patterns and gut morphology of the white-footed mouse, *Peromyscus leucopus*.**

by

Kristen Elaine Lucia

Honors Thesis submitted to the Biological Sciences Faculty of  
Virginia Polytechnic Institute and State University  
In partial fulfillment of the requirements for the degree of

BACHELOR OF SCIENCE  
*In Honors*

APPROVED

---

Jack Cranford, Undergraduate Research Advisor  
Biological Sciences

---

Tom Jenssen  
Biological Sciences

---

E. Fred Benfield  
Biological Sciences

This student has fulfilled the requirements of the  
Department of Biological Sciences to graduate *in Honors*

---

Arthur L. Buikema, Jr  
Honors Advisor  
Department of Biological Sciences

May 15, 2004  
Blacksburg, Virginia