

**Nutritional & Reproductive Physiology Laboratory**  
Undergraduate Research Assistant Application

The Nutritional & Reproductive Physiology Laboratory researches the effect of diet on molecular mechanisms within the digestive and reproductive systems of livestock. Techniques used within the laboratory include immunohistochemistry, colorimetric and fluorescent microscopy, neuroanatomical microdissection, enzyme-linked immunosorbent assays, and doppler ultrasonography. Research Assistant duties include: feeding, record keeping, health monitoring, tissue collection, data entry, and maintenance for a research project using beef cattle.

**Contact Information**

Name:	
Email:	
Phone:	
Address:	

**Academic Information**

University:	
Major:	
Minor:	
GPA:	
Expected graduation date:	
Sports/clubs:	

We typically request that students commit to approximately 10 hours of work for the laboratory per week (including weekends). How many hours are you willing and able to devote to working in the laboratory per week? Please specify your availability in the chart below. You will not be expected to work all of these times, but you will be considered partially based on your availability at specific times that need to be covered.

Hours willing and able to devote per week:

Day	Hours Available												
	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00
Monday													
Tuesday													
Wednesday													
Thursday													
Friday													
Saturday													
Sunday													

**Please answer the following questions:**

1. Why do you want to be in this research laboratory?
  
2. How do you think you would contribute to the laboratory?
  
3. How did you hear about the laboratory?
  
4. Do you have any previous experience with research or livestock? If so, describe experience and duties.
  
5. What do you plan to do after graduation?
  
6. Are you willing to commit to working in the laboratory for more than one semester?
  
7. Please list three attributes you have that would make you successful as a Research Assistant?
  - a)
  - b)
  - c)
  
8. Please provide any additional information that you believe is important to your application.

**Please return this application to Dr. Jennifer Thorson via email ([jennifer.thorson2@montana.edu](mailto:jennifer.thorson2@montana.edu)). We will contact potential Research Assistants for interviews.**