

**POSITION TITLE:** Graduate Student, PhD in Ruminant Nutrition

**DEPARTMENT:** North Dakota State University

Hettinger Research Extension Center, Hettinger, ND  
AND  
Department of Animal Sciences, Fargo, ND

**SALARY:** Commensurate with experience

**SCREENING DATE:** February 27, 2009

**DESCRIPTION:** Support and conduct agricultural research in the area of animal science, specifically ruminant nutrition. Responsibilities include data recording, entry, analysis; record field/laboratory data utilizing associated software for data analysis; format; prepare data for reports/manuscripts; assist other professional staff with data analysis when available; supervise graduate, undergraduate and staff with collection of field and laboratory research data; determine work schedule and assign work; train employees on specific research techniques; coordinate efforts of research; provide assistance for multi-state research teams; and communicate with other research personnel. Specific research projects will include, but not be limited to: The Influence of Metabolizable Protein Supplementation in Late Pregnancy on Offspring Feed Efficiency, Carcass Quality and Fertility in Sheep. Specific trials and research techniques will include: ewe supplementation during pregnancy and its effect on developmental programming of offspring; offspring prolificacy following ewe supplementation during pregnancy; impacts of maternal supplementation on uterine and umbilical blood flows, fetal amino acid supply, and fetal skeletal muscle histological and molecular characteristics; weigh-suckle-weight; lamb N balance; and offspring feedlot performance. The research will be conducted at the NDSU Hettinger Research Extension Center, Hettinger, ND and at the Department of Animal Sciences, Fargo, ND.

**MINIMUM QUALIFICATIONS:**

- M.S. degree in Animal Science or related degree
- Proficient computer skills in the use of SAS, word processing, and Excel
- Experience with animal science research
- Effective communication skills to include written and verbal, specifically, publication in refereed journals

**PREFERRED QUALIFICATIONS:**

- Two years related experience
- Acceptance into the graduate program at North Dakota State University

**TO APPLY:**

All interested persons should contact Dr. Christopher Schauer ([Christopher.Schauer@ndsu.edu](mailto:Christopher.Schauer@ndsu.edu)) or Dr. Kimberly Vonnahme ([Kim.Vonnahme@ndsu.edu](mailto:Kim.Vonnahme@ndsu.edu)) for more information. Submit the following supporting documents to the Hettinger Research Extension Center, PO Box 1377, Hettinger, ND 58639, by the close of business on the screening date: 1) cover letter; 2) current resume; and 3) names, addresses, and phone numbers of three professional references. **NOTE:** Incomplete files will NOT be considered. Veteran's claiming preference must submit all proof of eligibility by the screening date. Proof of eligibility includes a DD-214 and if claiming disabled status, a current letter of disability.

The NDSU Extension Service extends education to North Dakota residents of all ages and walks of life through its county offices, research extension centers and the main campus of North Dakota State University. Extension's purpose is to create learning partnerships that help adults and youth enhance their lives and communities. Special emphasis is placed on strengthening agriculture and developing the potential of youth, adults and communities. Efforts are funded by county, state and federal government. Information about the county or department this position is a part of may be found at this address on the World Wide Web: <http://www.ag.ndsu.nodak.edu/jobs.htm>. North Dakota State University is an equal opportunity institution.