



## **Graduate Research in Dairy Nutrition at Virginia Tech**

*Opportunities for M.S. or Ph.D. Candidates*

<b>Date Available</b>	Summer or fall 2009
<b>Qualifications</b>	The applicants should be near completion of a B.S. or M.S. degree in animal or dairy science, biology, microbiology, biochemistry or analytical chemistry, should have a 3.5 GPA or greater, and strong scientific writing skills.
<b>Position description</b>	Students will join an energetic team of faculty, graduate students, and undergraduate researchers working in the areas of dairy nutrition, nutrient management, and waste treatment. Emphasis is on nutritional and management techniques to reducing nutrient losses from dairy and livestock farms. Current research projects focus on phosphorus digestion, waste treatment to reduce nutrient content of land applied manure, and endocrine disrupting chemicals in dairy waste. More information at <a href="http://www.dasc.vt.edu/knowlton/knowlton.html">www.dasc.vt.edu/knowlton/knowlton.html</a>
<b>Facilities</b>	A new 240 cow dairy center on campus provides excellent availability of cows for research, with 48 Calan gates for milking cows, a new Calan gate facility for heifer research, and good facilities for basic and applied research. Laboratory space is plentiful and analytical capabilities are excellent. Strong collaborative research programs exist with faculty in Human Nutrition, Foods and Exercise, Biological Systems Engineering, Animal and Poultry Science, and Environmental Engineering.
<b>Location</b>	Virginia Tech has about 25,000 students and a beautiful campus located in Blacksburg, VA. Blacksburg is at the foot of the Washington-Jefferson National Forest between the Blue Ridge and the Appalachian Mountains. Cultural and outdoor opportunities are plentiful, and the cost of living reasonable.
<b>Stipends</b>	John Lee Pratt Graduate Fellowships in Animal Nutrition are available on a competitive basis. Stipends ~\$19,000 to \$20,000, plus funds for research. Tuition is waived.
<b>Application</b>	Information on the Department of Dairy Science can be found at <a href="http://www.dasc.vt.edu/">http://www.dasc.vt.edu/</a> . Information on applying to graduate school can be found at <a href="http://www.grads.vt.edu/">http://www.grads.vt.edu/</a>
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