



College of Agriculture
and Bioresources

POST DOCTORAL RESEARCH FELLOW (Two Years: 2012-2014):

“Synchrotron-based Feed molecular Structure Research Program: Applications of Synchrotron FTIR Microspectroscopy and Synchrotron Soft-x Ray in Feed Molecular Structure and Molecular Nutrition Research”

The Department of Animal and Poultry Science, College of Agriculture and Bioresources, University of Saskatchewan, Canada, is seeking applicants for a two-year post doctoral research fellow position in the areas of Feed Chemistry, Molecular Nutrition, Feed Science, Feed Processing Technology, Ruminant Nutrition and Molecular Spectroscopy.

Duties: Conduct and publish research related to the defined research areas; assist in the coordination and daily operation of a research program, including the research activities of graduate (both M.S. and Ph.D.) students, technicians and collaborators; be involved in various grant-related activities, and preparation of research report and manuscripts for publication.

Qualifications: Minimum qualifications include a Ph.D. in one of the following areas: synchrotron application, FTIR and x-ray application, feed/food chemistry, biochemistry, feed/food science or animal nutrition, demonstrated expertise in plant, feed or animal research, spectral data analysis, and techniques in FTIR, x-ray, NEXAFS, feeds and nutrition research; expertise in data interpretation and publication of results in the scientific literature; and strong written and oral communication skills.

Preferred Qualifications: Experience with grantsmanship, manuscript preparation, teaching and supervising undergraduate and graduate students, and a demonstrated ability to work with other investigators, support personnel, and students in a collaborative research environment.

Conditions: The position is for one year first, renewable for up to two years (renewal dependent upon progress). Salary will follow the university standard for a PDF. Funds to carry out associated research activities (eg conference) are available.

Close Date: Until position is successful filled.

How to Apply: Please send a covering letter stating how your background and qualifications match the position is required, a full curriculum vitae (CV) detailing your education, awards, publications, research experience, etc and at least two letters of reference to:

Dr. Peiqiang Yu
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Screening of applications will continue until position is successfully filled. Only candidates that are interviewed will be notified.