

## Canada Research Chair in Epigenomics / Nutrigenomics

UNIVERSITY OF ALBERTA invites applicants with internationally recognized academic and leadership skills in the area of epigenomics / nutrigenomics to apply for nomination to a Canada Research Chair (Tier I). This new and exciting position in the Department of Agricultural, Food and Nutritional Science offers an exceptional opportunity for a successful candidate to play a leadership role in a dynamic research and teaching department. The focus of the position is on understanding how epigenetic mechanisms of gene regulation in animals/humans are influenced by environmental factors, especially nutrition, and how such mechanisms determine postnatal outcomes in terms of postnatal growth, health and disease.

The successful candidate will work at the interfaces of molecular genetics, nutrition, and developmental biology. The candidate will have opportunities to align his/her research portfolio with the Institute for Food and Agricultural Sciences, Alberta and the Alberta Institute for Human Nutrition. The selected candidate will have the vision and talent essential to building successful collaborative trans-disciplinary research programs that cross institutional boundaries spanning Agriculture, Nutrition, Developmental Biology and Medicine. This dynamic individual must have excellent communication and interpersonal skills, high energy and a personal commitment to the development of an integrated research program in epigenomics / nutrigenomics. It is anticipated that the successful candidate will provide leadership in this research area that will bridge the strong human/animal nutrition and livestock genomics research groups already established in the department. The Chair will also contribute to undergraduate and graduate teaching.

Applicants must have a PhD in animal molecular genetics, nutritional biochemistry, developmental biology, or a closely related area, and outstanding research credentials in areas such as chromatin modification, gene imprinting, nutrient-gene interactions, and epigenetic gene regulation as demonstrated by publications and awards. Exceptional candidates with a proven research track record in gene regulation as it relates to animal/human development and health are encouraged to apply. This is a tenure track appointment at an Associate/Full Professor level.

The University, one of Canada's premier research institutions, offers an excellent research environment encompassing state-of-the-art facilities and infrastructure, including the Agricultural Genomics and Proteomics Unit, the Alberta Institute for Human Nutrition, the Alberta Diabetes Unit, the Perinatal Research Centre, and a comprehensive range of small and large animal research units.

The Canada Research Chair (CRC) program was established by the Government of Canada to enable Canadian Universities to achieve the highest levels of research excellence in the global, knowledge-based economy ([www.chairs.gc.ca](http://www.chairs.gc.ca)). Tier 1 Chairs are for outstanding researchers acknowledged by their peers as world leaders in their fields. The successful applicant will work with departmental staff to submit a CRC application by April 2008, and the academic appointment is contingent on the success of this application.

Applications, including a statement of research interest, curriculum vitae and the name of three referees, should be sent to:  
Dr. Erasmus Okine, Chair  
Department of Agricultural, Food and Nutritional Science  
University of Alberta  
Rm. 410 Ag/For Center  
Edmonton, Alberta, Canada T6G 2P5

Closing date for applications is **January 31, 2008** or until a suitable candidate is found. For further information on this position contact Dr. Okine at: Tel (780) 492 2131 / Fax (780) 492 4265 / e-mail: [afns-chair@ualberta.ca](mailto:afns-chair@ualberta.ca) or visit our website at [www.afns.ualberta.ca/](http://www.afns.ualberta.ca/)

All qualified candidates are encouraged to apply; however, **Canadians and permanent residents will be given priority.**

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.