Job Title: Post Doctoral Fellow or Research Associate

Position Description:
A post-doctoral or research associate position is immediately available for highly motivated candidates with solid background and experience in wheat cereal chemistry, gluten protein composition and genetics, and technological evaluation of wheat for breadmaking. The successful applicant will join a team led by Drs. Harry Sapirstein (Department of Food Science) and Paul Bullock (Department of Soil Science). The project involves a study of factors related to genotype, weather and the growing environment, and select crop management practices on the quality and gluten strength of Canadian hard red spring wheats. The objective of the project is to develop a thorough understanding of biotic and abiotic factors that can influence the gluten strength for breadmaking of Canada’s predominant wheat class, Canada Western Red Spring. The project derives its results from a selection of wheat varieties grown over several years in replicated field trials in the western Canadian Prairie region.

Requirements:
The primary responsibilities of this position involve the acquisition of wheat and flour quality data pertinent to gluten strength, especially gluten protein composition, analyzing data using SAS software, and co-authoring and submitting manuscripts. Applicants should hold a PhD degree in cereal chemistry or related area, have excellent working knowledge and understanding of gluten protein genetics, fractionation methods, and relationships between gluten protein composition and breadmaking quality. A demonstrable record of publication in peer-reviewed journals and strong communication skills are essential. Experience in wheat agronomy would be an asset for the position.

NB. Only applicants meeting the requirements listed above will receive responses.

Candidates should submit a cover letter including research interests and past accomplishments, complete CV, the names and contact information of two to three references, and expected availability date to:

Dr. Harry Sapirstein
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