



**UNIVERSITY OF WISCONSIN-MADISON  
COLLEGE OF AGRICULTURAL AND LIFE SCIENCES**

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### **Postdoctoral Research Fellow**

Department: Dairy Science / University of Wisconsin-Madison  
Location: Madison, Wisconsin, USA.  
Position Title: Postdoctoral Research Fellow  
Date Position Advertised: July, 2008  
Start Date: As soon as possible  
Deadline for Applications: Review will begin as soon as applications are received and position will remain open until filled.  
Qualifications: Ph.D. Degree in Dairy Science, Veterinary Medicine, Computer Science, Agriculture, Engineering or related field with strong data analysis and computer simulation emphasis.

#### Knowledge, Skills, and Abilities:

Advanced knowledge of software such as Microsoft Office, database management, and statistical analyses. Preference knowledge of code programming in Visual Basic, FORTRAN, PHP, JAVA, or similar. Skills applying the use of computer software and programming to research and extension projects in dairy farm management as well as abilities to compile, analyze, and evaluate complex data. Capacity to work independently or as a team member and supervise technical staff. Communication skills to interact with dairy farmers/managers and employees.

#### Examples of Duties and Responsibilities:

Perform literature review on the state of the art on dairy economic decision-making analyses. Provide support on computer simulation algorithm creation/evaluation for modeling dairy farms. Participate in the creation of dairy farm computerized decision support systems. Develop and maintain a database with bio-economic information of dairy farms. Perform interviews and surveys of owners, managers, and employees of dairy farms. Write scientific technical reports. Present results in scientific meetings. Publish in refereed journals.

Application: Letter of application, detailed C.V., copy of college transcripts, and name and contact information of three references.

Reply to: Victor E. Cabrera, Ph.D.  
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Additional information at:  
<http://www.uwex.edu/ces/dairymgt/>