

**Research Participation Program
Center for Food Safety and Applied Nutrition
U.S. Food and Drug Administration
College Park, Maryland**

**Evaluation of Food Processing Systems and Equipment
Project # FDA CFSAN 2007-18**

A project is available in the Research Participation Program at the Center for Food Safety and Applied Nutrition (CFSAN), U.S. Food and Drug Administration (FDA). The appointee will be assigned to the Office of Food Safety (OFS) in College Park, Maryland.

Description of Project:

The Office of Food Safety is responsible for the development of the science basis and policy, implementation, and review of proposed regulatory activity for the safety of foods of animal origin that are not covered by the Poultry Inspection Act, the Federal Meat Inspection Act, or the Egg Products Inspection Act.

The research fellow will assist the Agency's review of processes and equipment design to determine if they meet regulatory requirements and to review current regulation requirements. The fellow will also use his/her expertise as a food engineer to assist in the development of regulatory policies and guidance and the preparation of regulatory actions against firms or individuals who violate laws or regulations enforced by FDA.

The fellow will be involved in such activities as the following:

- Review of processes used in manufacturing plants which may include milk pasteurization, gelatin/collagen productions systems, egg handling, dairy products productions systems including cheese, ice cream, yogurt, etc. Reviews of these processes may require travel.
- Review of equipment design.
- Review of current regulatory requirements for processes and equipment design.
- Presentation preparation and delivery on current food processing concepts and requirements.
- Assistance on development of regulations/guidance to address current needs of the FDA.

The fellow will be trained in the current regulations now in use for the evaluation of equipment and processes. The fellow will gain an understanding of how these evaluations can be used, the public health issues, and the impact of the regulatory decision process. The fellow will learn how these evaluations provide guidance in determining whether administrative actions are necessary. The fellow will apply this training to assist in the development of new regulations and/or guidance for the evaluation of production processes and equipment.

Requirements:

A doctoral degree received within the past five years is preferred. The scope of this project involves FDA's regulatory mission and the safety of the nation's food supply. Therefore the fellow must have pursued studies leading to a doctoral degree in the area of food engineering. In addition, excellent writing and oral communication skills are required since the fellow will be required to provide written recommendations, program drafts, and other documents and will be responsible for oral communication with colleagues within FDA as well as state public health regulatory authorities and industry representatives. U.S. citizenship or lawful permanent resident status is preferred, but an applicant can also hold an appropriate visa status, however, an H1B visa is not appropriate.

The appointment is for up to one year and may be renewed for another year upon recommendation of CFSAN and subject to availability of funds. The participant will receive an annual stipend of up to \$79,500 depending on background and experience. The participant must show proof of health and medical insurance. The appointment is full time at CFSAN in College Park, Maryland. Participants do not become employees of CFSAN, FDA, or the program administrator and there are no fringe benefits paid.

The Research Participation Program at CFSAN is administered by the Oak Ridge Institute for Science and Education (ORISE). To be considered for this project, send a current résumé via e-mail to Melissa.Goodman@ornl.gov or via fax to (865) 241-5219. **Please reference Project # 2007-18 on all correspondence and on the subject line of your e-mail.** For additional information, contact Ms. Goodman at (865) 241-1294.