



**Postdoctoral Scholar Position  
Department of Food Science  
Penn State**



Job Number: 66371

Link to Job on Job Website: <https://psu.jobs/job/66371>

Job Title: Postdoctoral Scholar  
Department: Food Science  
Work Unit: Agricultural Sciences  
Campus Location: UP

Announce Start Date: 09/02/2016  
Closing End Date: Until Filled

A Postdoctoral Scholar position on structure-function properties of milk proteins is available in the Food Science Department at The Pennsylvania State University (University Park). The main focus of this position will be to understand native structure-function properties of casein proteins from bovine and human milk as well as physicochemical factors leading to novel functionality in food and pharmaceutical applications. We are interested in the fundamental understanding of casein micelles throughout mammals and novel technological applications of poorly characterized milk components. Applicants must have a Ph.D. in Biological Systems Engineering, Food Science, or related fields completed by start date. Desired qualifications include electron microscopy, rheology, and chromatography. The successful applicant will have access to modern research laboratories as well as pilot plants for small scale production of various products Food Science Building, the Huck Institute of Life Sciences, and the Milton S. Hershey Medical Center. Applicants should have a strong publication record, exhibit creativity in their work, and enjoy collaborative interactions. The position will be available for one year with renewal based on availability of funding. Interested applicants should upload a CV, names of three professional references and cover letter describing research interests and career goals. Application materials should be addressed to Dr. Federico Harte ([fede@psu.edu](mailto:fede@psu.edu)). Review of applications will begin on November 15, 2016 and will continue until the position is filled.

*Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.*