

Interdisciplinary Graduate Student Position in Food Science

The graduate student will work closely with both Drs. Amy Reibman, Professor of Electrical and Computer Engineering, and Yaohua Feng, Assistant Professor of Food Safety. This student will participate in a collaborative project and execute applied research using visual analytics and other cross-cutting methods to evaluate human factors in food safety management. The research areas include, but are not limited to, identifying and evaluating factors that result in behavioral change among commercial food handlers and consumers. Through this project, the student will acquire strong expertise in assessing and evaluating behavior related to food safety using visual analytics research methods. This expertise can be directly applied to developing protocols and improving existing protocols for visual data and behavioral data analysis. The student will be hosted at Dr. Yaohua Feng's Food Safety and Human Factor Research Group at Purdue University. Further training opportunities will be provided to develop a wide array of professional and personal skills, including mentorship, scientific writing, project management, and career development.

Requirement:

- Bachelor or Master's degree in computer science, agricultural biological engineering, or other relevant major.
- Two-year research assistantship will be offered.
- Demonstrated programming experience with Python, C, or C++.
- Strong interest in pursuing a research degree in food science and food safety with an emphasis of video analytics and behavioral science.
- Preferable start date is June 1st 2021. The position will be located at Purdue West Lafayette campus.

If you are interested, please send your CV and cover letter to Dr. Feng's email at yhfeng@purdue.edu