ASSISTANT PROFESSOR IN EXPOSURE SCIENCE/MODELING

Organization
Center for Research on Ingredient Safety (CRIS), Michigan State University (MSU)

Location (City, State, Country) East Lansing, MI (USA)

Position: The Center for Research on Ingredient Safety (www.CRIS.msu.edu) is seeking applicants to fill an Assistant Professor position in exposure science/modeling. This position is a full-time, academic year, tenure-track appointment based in the Department of Food Science and Human Nutrition (70%), and the Department of Pharmacology and Toxicology (30%), and will be devoted to research (80%) and to teaching and service (20%). MSU established CRIS to serve as a hub for objective science that will add rigor and data to the highly visible discourse on food and consumer product ingredient safety. The successful applicant will be affiliated with this relatively new center at MSU, and will play a role in defining the directions of CRIS to address emerging issues related to ingredient safety. This individual will be expected to build on the promises put forth in the 2012 NAS report, "*Exposure Science in the 21st Century: A Vision and a Strategy*" by implementing such tools as the aggregate exposure pathway framework, or computational exposure science.

Position Qualifications and Responsibilities: Successful candidate will establish an independent, extramurally funded research program focused on applications of exposure science/modeling to enhance understanding of how the safety of ingredients can be most effectively determined. The ideal candidate must have strong evidence of collaborative research, an excellent publication record, evidence of grantsmanship, and a commitment to quality teaching and mentoring of graduate students and postdoctoral fellows. Teaching responsibilities will include contributions to a new doctoral track in Food Toxicology and Ingredient Safety. Working with other faculty on the MSU campus, this individual will also assist in establishing the most appropriate experimental design to address questions about safety reflecting the diverse applications of ingredients. A Ph.D., or comparable degree in Chemistry, Engineering, Biochemistry, Toxicology or a closely related discipline is required. Some postdoctoral experience is preferred.

Salary and Benefits: Salary is competitive and commensurate with education and experience. Michigan State University provides its faculty and academic staff with a variety of benefits, which are among the best in academia. Among the most important are a retirement program, and health, prescription drug, dental, and life insurance coverage (http://www.hr.msu.edu/benefits/).

Application Process: Please submit the following: 1) a 1-page letter of intent; 2) a 2-page statement of research interests, accomplishments and future plans; 3) a 1-page statement of teaching philosophy; 4) a detailed curriculum vitae including a summary of research funding experience; and 5) the names and full contact information for three to five references. These items should be sent to: MSU Applicant Page, posting number 3575 –www.jobs.msu.edu/applicants/Central?quickFind=68215. Questions can be directed to Dr. Michael Holsapple, Chair of Search Committee, (holsappl@msu.edu). Review of applications will begin on August 1, 2016, and will continue until the position is filled.

Goals of CRIS and Background on Position: CRIS's mission is to *conduct research and provide insight on the safety of ingredients in food and consumer products to support evidence-informed decisions by consumers, industry leaders and policy makers*. CRIS's vision is to ensure that *credible, relevant information on ingredient safety is accessible to a wide range of decision makers*. CRIS is a program that will broadly build capabilities to address the following goals:

- Conduct research to generate and analyze data to improve understanding of the safety of ingredients in food and consumer products;
- Establish a training program to develop the next generation of toxicologists with expertise in ingredient safety;
- Develop independent and effective risk communication aimed at addressing questions associated with ingredient safety to support evidence-informed decision making.

'Safety' refers to the control of recognized hazards in order to achieve an acceptable level of risk. Assessing the exposure to a particular ingredient, and/or the cumulative exposure to multiple ingredients are critical to understanding risk, and therefore to determining safety.

CONTACT:
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DEADLINE: August 30, 2016
Name of person requesting post: Michael Holsapple
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