

**Assistant Professor (Tenure-track), Food Packaging Chemist/Toxicologist**

**Position:** The School of Packaging ([www.packaging.msu.edu](http://www.packaging.msu.edu)) in the College of Agriculture and Natural Resources at Michigan State University (MSU) is seeking qualified applicants for an Assistant Professor position as a Food Packaging Chemist/Toxicologist. This is a 9-month, tenure-track position with a research/teaching/service (60%/30%/10%) assignment and can begin as early as August 2016. The successful candidate will be expected to develop an externally funded research program with a focus on areas such as identification and monitoring the toxicity of chemicals present in packaging systems, evaluating their interaction with food products, developing strategies to detect and assess additives and predicting the safety of additives through modeling.

As the premier Land Grant University, MSU has strong interrelated programs across the spectrum of food, health, and sustainability and is committed to linking food, environment, and human health. The School of Packaging (SoP), founded in 1952, is the leading institution in packaging education and research. As the only university offering a Ph.D. program in packaging, the School of Packaging at MSU attracts students from a variety of disciplines around the world. The school is poised for significant growth that will support MSU goals. Furthermore the highly collaborative and productive faculty provides a very positive environment for professional growth and program expansion.

The strategic plan of the SoP has identified *Food, Health, and Biomedical Packaging* as one of the three key platforms that form the basis for its research, teaching, and outreach missions. This position is a key part of an initiative on assuring innovative solutions that enhance or maintain food safety and product quality, and reduce food waste. The other strategic platforms are *Packaging Materials and Sustainability* and *Packaging Distribution and Value Chain*. We anticipate several faculty hires in the next few years.

**Responsibility:** The individual will be expected to develop a nationally and internationally recognized research program on the safety of food packaging. Research should use both basic science and applied approaches while addressing the issues and opportunities facing the packaging and food industry. MSU encourages collaboration between faculty; potential research collaborators include faculty from Food Science and Human Nutrition, Center for Research on Ingredient Safety (CRIS), Institute for Integrative Toxicology; Biosystems and Agricultural Engineering, Biochemistry, and Molecular Biology. Research support facilities available include Bioinformatics, Flow Cytometry, Genomics, IVIS Imaging, Mass Spectrometry, and Proteomics, among others.

The successful candidate will provide vision and leadership to the new field of toxicology of food packaging by developing an innovative research program, secure competitive external grant funding, publish in high quality peer-reviewed journals, mentor graduate and undergraduate students, provide leadership and service in professional scientific associations, and establish strong ties with the private sector. The candidate will also be expected to demonstrate interest in and promise of excellence in teaching. The initial teaching assignment will be one to two food packaging-related courses per year at the undergraduate and/or graduate level.

**Qualifications:** Candidates must have the following qualifications: a) a doctoral degree in Toxicology, Chemistry, Biochemistry, or a closely related field; b) demonstrated capability to conduct independent research; c) the ability to work collaboratively with research teams; and d) excellent oral and written communication skills. Demonstration of impactful research and promise of research funding are important selection criteria.

**Application Procedure:** Qualified applicants should submit a) a letter of application, b) a summary of research accomplishments and a statement of research direction and interest (limited to 2 pages), c) a current curriculum

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vitae, d) a statement of Teaching Philosophy (limited to 1 page), and e) the names and email addresses of three references online at <https://jobs.msu.edu> (posting #2851) Review of applications will begin on March 14, 2016 and will continue until the position is filled. Inquiries about the position should be addressed to Dr. Maria Rubino, Search Committee Chair, School of Packaging, Michigan State University, East Lansing MI 48824-1325. Telephone 517 355 0172, E-mail: [mariar@msu.edu](mailto:mariar@msu.edu).