



**TENURE-TRACK ASSISTANT PROFESSOR POSITION IN
POST-HARVEST GRAIN QUALITY AND STORED PRODUCT PROTECTION**

RESPONSIBILITIES: Develop an internationally recognized applied research and Extension program in the area of post-harvest technologies, grain quality, and stored product protection engineering. Potential areas of research and Extension include efficient drying of wet grain while maintaining quality, development of systems to prevent and control insect infestations, identity preservation (GMOs, specialty grains), managing grains with mycotoxins, traceability, or food security as it relates to cereal grains and oilseeds. Additional Extension opportunities include development of distance learning and continuing education courses and materials, providing assistance and education in design and layout of grain storage and handling facilities, and addressing safety and health issues related to grain handling and storage. The successful candidate will engage industry, government, and other stakeholders to identify key grain quality and stored product issues; develop a high impact, externally-funded applied research and Extension program; and contribute to the Department's teaching program.

COLLABORATIVE ENVIRONMENT AND FACILITIES The position, an academic year appointment, will be based in the Department of Agricultural and Biological Engineering, a top-ranked program. The successful candidate is expected to collaborate effectively in a highly interdisciplinary effort to address post-harvest issues, and provide leadership for Purdue University's Post-Harvest Education & Research Center (www.grainquality.org).

QUALIFICATIONS: Applicants must have a Ph.D. in agricultural or biological engineering, agricultural systems management, or a related discipline. Progress towards a Professional Engineering (PE) license is desirable but not required. Excellent oral and written communication skills are required.

CLOSING DATE Review of applications will begin December 1, 2011 and continue until the position is filled.

APPLICATION MATERIALS: Applications should include a letter of interest, CV, academic transcripts, statements of approach and vision for research and outreach, and names and contact information for three references. Please email to abegrain@ecn.purdue.edu. Background check is required for employment in this position.

CONTACT: Questions regarding the position may be addressed to the chair of the search committee: Jane Frankenberger – 765-494-1194 – frankenb@purdue.edu

For additional information see <http://www.purdue.edu/ABE>

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