

**Vacancy Announcement**

Vacancy ID # 140517

Title Assistant/Associate Professor of Grain Management and System Analysis

Employing Department Agricultural and Biosystems Engineering

Appointment Conditions Tenure Track, 9 Months, Full Time

Proposed Start Date 01/01/2015

**Job Description**

The Department of Agricultural and Biosystems Engineering seeks to hire an Assistant/Associate Professor of Grain Management and System Analysis. This is a B-base, 9-month, tenure-track position with one month of summer salary guaranteed for continuation of Extension programming. The position is described as 50% Extension, 40% Research, and 10% Service.

Extension and Outreach responsibilities are to advance grain management and grain processing in Iowa. The initial emphasis will be with grain producers, with future growth into the grain and feed industry. Of primary interest are external driving factors such as yield increases, climate variability, biotechnology, food safety and consumer food preferences that impact grain production and markets. The successful candidate will have a working knowledge of grain production and the ability to work closely with producers and processors.

Research responsibilities include developing a nationally and internationally recognized, extramurally funded, interdisciplinary applied research program in grain management, storage, handling and processing systems, their individual components and their application/design. The successful candidate is expected to establish a solid record of publications, secure competitive grants, mentor graduate students and lead diverse, interdisciplinary teams that may include researchers or extension specialists from disciplines such as Economics, Food Science, Plant Pathology, Agronomy, and Seed Pathology. It is expected that interactions with producer and industry clients will facilitate and create opportunities such that research activities will corroborate with extension efforts.

Service responsibilities include departmental and College committees, and professional service to scientific and industry organizations. The successful candidate will work effectively in a team environment, will possess excellent oral and written communication skills, and will publish high quality research in recognized and reviewed venues appropriate to the applied nature of extension-driven topics.

The Agricultural and Biosystems Engineering department has 29 tenure-track faculty, 40 support and research staff, and over 650 undergraduate and 85 graduate students. The department currently offers BS degrees in Agricultural Systems Technology, Industrial Technology, Agricultural Engineering and Biological Systems Engineering. The department offers MS and Ph.D. programs in Industrial and Agricultural Technology and in Agricultural Engineering.

Iowa State University is located in Ames, Iowa, a community of nearly 60,000, recently ranked as one of the most livable small cities in the nation. The university enrolls more than 33,000 students in its seven colleges. The University is committed to achieving inclusive excellence through a diverse workforce. ISU is responsive to the needs of dual-career couples, is dedicated to work-life balance through an array of flexible policies, and is an NSF ADVANCE institution.

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**Required Qualifications**

Assistant Professor: PhD (by start date) in Agricultural or Biological Engineering, Agricultural Technology, or similar field related to grains and bioprocessing. Demonstrated experience in grain-based agriculture and supply chains.

Associate Professor: In addition to the qualifications above, candidates must meet the University standards for appointment at the associate professor rank with tenure. Additionally, candidates must have demonstrated experience and accomplishments, experience that demonstrates the ability to support research with external funding, experience that demonstrates commitment to extension/outreach and expanding interaction with industries.

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**Preferred Qualifications**

- Relevant industry experience
- Strong record of publishing peer-reviewed journal articles, leadership experiences and a commitment to diversity
- Demonstrated extension/outreach practice
- Academic research experience
- Principal investigator for extramural funding
- Strong publication record in high-quality peer reviewed journals
- Experience mentoring graduate students (Master's and PhD)
- Demonstrated expanding interaction with relevant industries

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**Salary**

Commensurate with qualifications

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**Special Conditions**

All offers of employment, oral and written, are contingent upon the university's verification of credentials and other information required by federal and state law, ISU policies/procedures, and may include the completion of a background check.

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**Application Instructions**

To apply for this position, please click on "Apply for this Vacancy" and complete the Employment Application. Please be prepared to enter or attach the following:

- 1) Resume/Curriculum Vitae
- 2) Letter of Application/Cover Letter
- 3) Contact information for three professional references including name, address, phone number and email address
- 4) Statement of research/extension/outreach interests

If you have questions regarding this vacancy, please email Dr. Charles R. Hurburgh, Chair of the Search Committee, at [tatry@iastate.edu](mailto:tatry@iastate.edu) or call 515-294-8629.

If you have questions regarding this application process, please email [employment@iastate.edu](mailto:employment@iastate.edu) or call 515-294-4800 or Toll Free: 1-877-477-7485.

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**To ensure consideration, submit application by**

09-16-2014

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**AFCSME Merit  
Contract Transfer Deadline**

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**Quick Link**

[www.iastatejobs.com/applicants/Central?quickFind=85557](http://www.iastatejobs.com/applicants/Central?quickFind=85557)

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