

FACULTY POSITION IN MILLING/GRAIN PROCESSING
(Faculty approved, May 14, 2010)

Department of Grain Science and Industry - Kansas State University, Manhattan, Kansas

Position: Assistant Professor of Grain Science & Industry (50% Teaching, 30% Research, 20% Extension/Outreach)

Responsibilities: The Department of Grain Science and Industry is seeking applications for a 9-month tenure-track teaching, research, and extension/outreach position at the Assistant Professor level in the area of grain processing. The successful candidate is expected to teach existing undergraduate and graduate courses covering subject matter in milling technologies, grain processing, electricity, process automation and control, equipment selection and maintenance, and related safety and regulatory issues. The successful candidate is expected to recruit and advise undergraduate and graduate students, and participate in curriculum development, departmental, college and university committees, and appropriate professional/industry associations. The successful candidate is expected to establish and obtain extramural support for a nationally recognized research program relevant to the needs of the grain processing industry. Potential areas of research include, but are not limited to, milling technologies, process automation and simulation, sanitation engineering, particle technology for grain processing, and cereal science and technology. Expectations for appointment as part of the extension/outreach component through the International Grains Program (IGP; <http://www.ksu.edu/igp>) includes development and presentation of workshops, short courses, and other technical outreach programs to enhance the market promotion, consumption and utilization of U.S. cereal grains, oilseeds and their value-added products for the global grain and food industry. The candidate will be expected to create an environment that fosters diversity, collegiality, and must have the ability to work in a multi-cultural setting.

Qualifications: Applicants must have an earned Ph.D. in grain science, food science, agricultural, biological, or food engineering, or in a relevant discipline. The successful candidate must possess excellent oral and written communication skills, the ability to speak English clearly, and a strong commitment to expanding and fostering diversity. A demonstrated ability to teach in a classroom setting and post-doctoral or industrial experience are all highly desirable.

Application Procedure: Qualified persons are requested to submit a letter of application, resume (including a complete list of publications), official academic transcripts for undergraduate and graduate work, detailed teaching, research and extension/outreach philosophies, and copies of relevant publications, teaching materials, and names of three references with complete contact information. The application packet should be sent to the address given in the contact information below. Nominations of outstanding potential candidates and inquiries regarding this position are welcome and should be directed to grains@ksu.edu.

Contact information: Dr. Bhadriraju Subramanyam, Grain Processing Faculty Search Committee Chair, Department of Grain Science and Industry, Kansas State University, 201 Shellenberger Hall, Manhattan, Kansas 66506-2201. Telephone: (785) 532-6161; Fax: (785) 532- 7010, E-mail: grains@ksu.edu.

Review of applications will begin: August 1, 2010 and continue until the position is filled. *For additional information see <http://www.grains.ksu.edu>.*

K-State Notice of Nondiscrimination: Kansas State University is committed to nondiscrimination on the basis of race, color, ethnic or national origin, sex, sexual orientation, gender identity, religion, age, ancestry, disability, military status, veteran status, or other non-merit reasons, in admissions, educational programs or activities and employment, including employment of disabled veterans and veterans of the Vietnam Era, as required by applicable laws and regulations. Responsibility for coordination of compliance efforts and receipt of inquiries concerning Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and the Americans With Disabilities Act of 1990, has been delegated to the Director of Affirmative Action, Kansas State University, 214 Anderson Hall, Manhattan, KS 66506-0124, (Phone) 785-532-6220; (TTY) 785-532-4807. **Revised, April 22, 2008.** This advertisement is paid for by Kansas State University.

Background Check Required.

About Kansas State University (www.ksu.edu)

Kansas State University ranks as one of the nation's "cutting-edge schools," according to a guidebook that pinpoints today's hottest majors and the innovative colleges that offer them. K-State was the only school in the Big 12 to make the cut in Kaplan Publishing's *You Are Here: A Guide to Over 380 Colleges and Unlimited Paths to Your Future*.

Colleges: Arts and sciences; engineering; business administration; education; agriculture; human ecology; architecture, planning, and design; technology and aviation (Salina); and veterinary medicine.

Graduate study: The Graduate School offers 65 masters degrees, 45 doctoral degrees and 22 graduate certificates in multiple disciplines across campus.

Students: More than 23,000 from all 50 states and more than 90 countries.

Degrees: 250+ undergraduate majors and options are available.

Organizations: More than 450 student organizations and more than 20 club sports.

Sports: NCAA Division 1, Big 12 conference. Club sports range from softball to water skiing.

Financial aid: Over \$175 million in scholarships, grants, loans, work study distributed yearly.

Locations: The main campus is located in Manhattan, Kansas. The "Little Apple" is a classic college town with a zoo, a mall, 21 parks, and a recreation trail that circles the city. The College of Technology and Aviation is located in Salina. Kansas State University's Olathe Innovation Campus will be the academic research presence within the Kansas Bioscience Park, providing direct access to K-State's many resources on the Manhattan campus.

About the College of Agriculture (www.ag.ksu.edu)

The Kansas State University College of Agriculture is a dynamic, student-friendly college with a diverse offering of outstanding academic programs. The College encompasses more than traditional production agriculture. Whether your interests range from the biosciences to resource-based recreation or from environmental management to running a multi-million dollar agri-business, the K-State College of Agriculture has a program that will help you meet your objectives and prepare you for a multitude of career opportunities. Our outstanding faculty and staff are committed to student success and helping achieve future career goals.

About the Department of Grain Science and Industry (www.grains.ksu.edu)

Kansas State University has been a tradition of grain science since 1905, when it set up a small-scale mill in the corner of a chemistry laboratory, which led to the Department of Milling Industries. With the addition of a feed curriculum (1951), a baking program (1963), and finally a commitment to all aspects of grain science, processing, and utilization (1966), the program became the Grain Science and Industry program that today has a long-standing reputation for outstanding students, global industry influence, and cutting-edge research.

The K-State Grain Science and Industry program is now the only place in the United States that offers college degrees in baking, feed, or milling science. Our program not only grants these Bachelor of Science degrees, but also Master of Science and Doctor of Philosophy degrees, and degree minors. Students learn the fundamental sciences of their fields, and gain hands-on experience in K-State's modern pilot plants and laboratories, which include a bakery, feed manufacturing facility, and industrial scale flour mills. Additionally, they learn business fundamentals, so they leave school well prepared to enter business, industry or further study.

The Grain Science and Industry department is well connected with companies in every region of the world. We partner with businesses by providing research, testing, and training services allowing students and faculty to develop relationships with these companies. Students and industry interact through field trips, visiting speakers, conferences, and internships. The area of grain science continues to grow, and the Department of Grain Science and Industry continues to grow with it.