

Kansas State University
Department of Entomology
September 1, 2016

General Description of Position:	Research Assistant Professor. Position is full-time, non-tenure track and will be managed out of the Department of Entomology, Kansas State University, in Manhattan, KS. Reappointment is contingent on available funding and performance.
Job Description:	The incumbent will conduct research on developing improved trapping and pest management tool for the khapra beetle (KB), <i>Trogoderma granarium</i> (Coleoptera: Dermestidae). The KB is quarantine insect for the USA, so all direct work with KB will be conducted by the incumbent at the USDA APHIS PPQ Otis Laboratory in Buzzards Bay, MA. Thus the incumbent will work with USDA collaborators at the Otis Lab but be part of the KSU research group of Dr. Tom Phillips in Kansas. The primary objective is to evaluate new trapping and lure options for KB, which has not received research attention for many decades. USDA APHIS PPQ pest survey efforts rely on trapping and detection tools to detect exotic insects when they are introduced. This project will evaluate new traps, baits and lures included potential for "bait and kill" strategies for kb to improve current survey tools. Additionally, studies will be conducted with pheromones and other behavior to monitor and possible mitigate pest populations of KB. Incumbent may supervise one or more technical staff, maintain insect colonies and manipulate insects experimentally, write specific experimental protocols, order supplies, maintain relevant laboratory equipment, write scientific reports and deliver poster and oral presentations about this work at scientific conferences.
Required Minimum Qualifications:	This position requires a Ph.D. in entomology, biology or a related field. Broad knowledge of experimental design, data collection and statistical analysis with associated software programs are necessary. The incumbent must have an understanding and experience with integrated pest management and particularly chemical control methods. Experience in entomological experimental methods such as laboratory assays, insect rearing, and execution of experiments with live insects. Demonstrated experience in writing and publishing peer-reviewed journal articles beyond those generated from the Ph.D. degree is required.
Preferred Qualifications:	Preferred qualifications include experience beyond the Ph.D. that may include work with behavioral assays, baits and pheromone attractants, insecticides and other controls measures and insect trapping. Experience working with stored grain insects is desirable.
Physical Activities and Environmental Conditions :	The majority of work will be inside an insect research laboratory under normal indoor environmental conditions. The individual must be able to operate simple experimental equipment, lift up to 25 lbs, utilize a compound optical microscope, desktop computer and other similar equipment.
Special Instructions to Applicants:	Submit letter of application elaborating qualifications, curriculum vitae, copies of university transcripts, and the names and contact information including email addresses for at least three professional references to http://www.k-state.edu/hcs/jobs/ . Applicants must be authorized to work in the United States at the time of employment. Details of the position can be found at http://entomology.k-state.edu/ . For information about the position please contact Dr. Tom Phillips, Department of Entomology, Kansas State University, Manhattan, KS 66506. 785-532-4720 or twp1@ksu.edu .
Screening of Applications Begin:	September 19, 2016 and continues until suitable candidate is found
Salary Range / Pay Rate:	\$48,000-\$50,000 (salary will commensurate with experience)

Equal Employment Opportunity:	<p>Kansas State University is an Equal Opportunity Employer of individuals with disabilities and protected veterans and actively seeks diversity among its employees. Follow the link to find out more. "EEO is the Law" Poster.</p> <p>Kansas State University actively seeks candidates whose commitments and contributions will advance the University's commitment to The Principles of Community which can be found at https://www.k-state.edu/about/community.html</p>
Background Screening Statement:	<p>In connection with your application for employment, Kansas State University may procure a Background Screen on you as part of the process of considering your candidacy as an employee. Kansas State University complies with the requirements of the Fair Credit Reporting Act.</p>