

POSITION ANNOUNCEMENT
Department of Entomology
January 26, 2016

- Position:** Research Associate
- Location:** Department of Entomology, Kansas State University,
Manhattan, KS 66506-4004.
- Appointment:** 12-month, full-time (40 hours/week), term, non-tenure track position.
Annual renewal contingent on satisfactory performance and availability of
funding.
- Salary:** \$39,000-42,000/year (negotiable based on experience) plus benefits
- Starting Date:** May 1, 2016
- Responsibilities:** Primary responsibilities include development of image libraries collected from
unmanned aerial systems (UAS) using several camera technologies (digital SLR,
multispectral, hyperspectral) at plant and sub-plant levels within production
wheat fields. The successful candidate will be responsible for experimental
design, rearing target pests (e.g., Russian wheat aphid), and statistical analysis to
support research comparing current and commonly deployed sampling
methodologies for common wheat pests. The overall project focuses on the use of
UAS data to identify infested areas and inform surveillance decisions made by
biosecurity personnel and pest managers.
- Qualifications:** Ph.D in Entomology, Biology, or a closely related field with a strong background
in plant-insect interactions. A background in the application of statistical models
(e.g., glm, mixed models, multivariate analysis) is required. Familiarity with
geospatial statistics software packages (ArcGIS, R) and experience with
developing sampling plans for pests of field crops is strongly preferred.
Candidate must also demonstrate evidence of successful communication of
results through published manuscripts, conference presentations, or related
activities.

Applications: Please submit a cover letter including research interests, curriculum vita, and contact
information, including e-mail addresses of at least three references. Screening of applications begins
April 4, 2016 and continues until a suitable candidate is found. Applications should be submitted to
<http://www.k-state.edu/hcs/jobs/>. Position announcement can be viewed at
<http://www.entomology.ksu.edu>. Applicants must be authorized to work in the United States at
the time of employment. Contact person for specific information regarding the position:

Dr. Brian McCornack
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Kansas State University is an AA/EOE employer of individuals with disabilities
and protected veterans; and encourages diversity among its employees. Background check is required.