

Aerospace Engineering University of Kansas

The University of Kansas Aerospace Engineering Department invites applications for **multiple faculty positions, a post-doctoral researcher, and multiple doctoral fellowships and research assistantships**. Our team is currently engaged in a wide range of sponsored research, including the design, manufacture and flight of autonomous and semi-autonomous aircraft ranging in size up to 1100 lb gross takeoff weight, flying both domestically and in the cryosphere.

Multiple faculty openings are anticipated in the next 3-4 years, with at least one position available for Fall 2011. Applications are encouraged at the Assistant or Associate Professor level, although exceptional candidates at a higher rank will be considered. Successful applicants will demonstrate a promising externally-funded research program in one of the following areas:

- **Dynamics and control (aircraft and/or spacecraft)**
- **Experimental aerodynamics**
- **Avionics, especially intelligence and autonomy (aircraft and/or spacecraft)**

Experience in the aerospace industry, especially with **uninhabited vehicles**, is a plus. Research productivity at KU is evaluated with respect to publications in respected academic journals and success in supporting and mentoring PhD and MS students. Faculty members are expected to teach both undergraduate and graduate courses in an effective manner, and to be active in service to the University and the engineering profession. An earned doctorate in Aerospace Engineering or a closely-related field is required. The successful candidate should be eligible to work in the U.S. prior to the start date of the appointment, 18 August 2011. Salary is commensurate with experience. Review of complete applications will begin on 15 January, 2011.

A **post-doc** is sought in the field of **intelligent and autonomous flight control systems**. Research experience in optimal control, nonlinear optimization, and guidance and navigation of unmanned aerial vehicles is preferred. Yearly support ranges from \$40,000-50,000, depending on academic preparation and experience. **The post-doc position is available immediately**. Review of complete applications will begin on 15 October.

Faculty (Position #00065055) and post-doc (Position #00208702) applicants should apply on-line at <https://jobs.ku.edu>, attaching the following documents to the applicant data form: a letter stating your teaching and research interests, a resume, contact information for three references, and up to three selected published papers. Attachments exceeding 5MB may be emailed to aerohawk@ku.edu or mailed to KU Aerospace Engineering Department, 2120 Learned Hall, 1530 W 15th St, Lawrence, KS 66045.

Doctoral fellowships and research assistantships will be awarded to the most promising students entering our doctoral program in Fall 2011. Apply at www.applyweb.com/apply/kugrad.

The University of Kansas is an affirmative action/equal-opportunity employer and encourages applicants from under-represented segments of the population.