TENURED OR TENURE-TRACK FACULTY POSITION: The Department of Aerospace Engineering at Iowa State University (www.aere.iastate.edu) invites applicants for a faculty position in the area of robotics and space systems. The appointment will start in August 2012. The search is focused at the Assistant and Associate Professor level, but exceptional candidates who qualify for the rank of Full Professor may also be considered for the Dennis and Rebecca Muilenburg Chair in Aerospace Engineering. We seek outstanding individuals with strong interest in experimental robotics and autonomous space systems and balanced expertise in scientific computing. Areas of interest include, but are not limited to space robotics, system autonomy, guidance, navigation and controls for robotic and human space exploration, verification and validation of complex adaptive systems, and space flight mechanics and trajectory optimization.

Iowa State University is a comprehensive, land grant, Carnegie Doctoral/Research Extensive University with an enrollment of over 28,000 students. The College of Engineering comprises 8 departments, with 221 faculty members and annual research expenditures exceeding $75 million. Iowa State's nearly 2000 acre, park-like campus is located in Ames, Iowa, consistently ranked within the top ten livable small cities in the nation.

An earned Ph.D. or equivalent terminal degree in Aerospace Engineering or a closely related field is required at the start date of employment. Underrepresented minorities and women are strongly encouraged to apply. Candidates at the level of Associate or Full Professor must demonstrate a strong record as evidenced by a quality research program, publications, professional recognitions and extramural funding.

The Aerospace Engineering Department currently has 23 faculty and is housed in a $50 million state-of-the-art teaching and research complex. The successful applicant will participate in all aspects of the department’s mission, including developing a strong externally funded research program, teaching and supervising students at the undergraduate and graduate levels, and engaging in service to the university.

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. Iowa State University is an Equal Opportunity/Affirmative Action Employer with NSF ADVANCE funding to broaden the participation of women and underrepresented minorities and enhance the success of all faculty in STEM fields.

All interested, qualified persons must apply for this position online by visiting www.iastatejobs.com. Please refer to vacancy # 110839. Please be prepared to enter or attach the following:

1) A detailed resume
2) A concise statement of research plans & teaching interests
3) Full contact information for three references

Interested candidates are encouraged to apply early, with review of applications beginning on November 15, 2011. To assure full consideration, applications must be received by December 31, 2011. Review of applications after this date will continue until the positions are filled.

Inquiries regarding the faculty search should be directed to Professor Ashraf Bastawros, bastaw@iastate.edu.

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

Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, gender identity, genetic information, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Compliance, 3280 Beardshear Hall, (515) 294-7612.