SEEKING: Endowed Chair in Systems Integration, Endowed Chair in Design and Development, Endowed Chair in Electronic Systems, and Six Assistant/Associate positions in areas related to Automotive Engineering

Clemson University is developing the International Center for Automotive Research (Clemson-ICAR) in Greenville, SC, on a 250 acre site. The vision for Clemson-ICAR is to be the premier automotive and motorsports research and educational cluster in the world. Through it, the University is establishing core facilities for automotive research and to provide world-class graduate automotive engineering programs.

At the heart of Clemson-ICAR is the graduate program in automotive engineering emphasizing product development and vehicle systems integration. The program begins fall of 2006, and will be housed in a dedicated state-of-the-art facility, the Campbell Graduate Education Center CGEC. Current plans call for four senior, world-class chaired faculty members in automotive engineering: systems integration, design and development, electronic systems, and manufacturing (hired). In addition, six tenure-track faculty members, closely associated with senior faculty members will be hired.

It is envisioned that initially about fifty graduate students will form the core of the program. The graduate program will be administered through, and fully integrated within the Department of Mechanical Engineering at Clemson University. The program is being developed as a public-private partnership including Clemson University, The State Government, BMW, Michelin, and other partners. Funding already secured for Clemson-ICAR totals over $120M.

Leading candidates for the chairs should possess:

- A Ph.D. or equivalent in a relevant technical discipline (such as Mechanical, Automotive, Electrical, Industrial, Systems, Aerospace, or Materials).
- A national/international reputation in one of the following fields: systems integration, design or, electronics/mechatronics
- A strong knowledge and experience base in the global automotive technologies with significant connections to industry.
- The qualities of an "entrepreneurial scholar." An individual who converts a vision into reality through superior strategic planning, and execution skills, while leading the intellectual exploration of new methods to design and manufacture a vehicle.
- Research and funding track record or demonstrated management of research groups, programs, and associated budgets
- Experience as an educator, graduate student advisor, or mentor in academic/industrial settings
- Experience outside the United States with the ability to speak a language other than English is valued.

Candidates for the assistant/associate professors position should have an earned doctoral degree in a relevant engineering discipline and the appropriate level of academic/industrial experience. The successful candidate is expected to develop a strong externally funded research program while teaching graduate courses in Automotive Engineering.

Clemson University is an Affirmative Action Equal Opportunity Employer. Underrepresented minorities and women are strongly encouraged to apply. Applications are currently being accepted, and those received by March 1, 2006 will be assured full consideration.

Please email resume/CV, statements of research, teaching interests, and the name and contact information of at least three references to:

ICAR Faculty Search
Department of Mechanical Engineering
Clemson University
Email: ICARsearch@clemson.edu

Tel: 864-656-1500
http://www.clemson.edu/autoresearch
http://www.ces.clemson.edu/me/