



UNIVERSITY OF  
NOTRE DAME

Department of  
Aerospace and  
Mechanical  
Engineering  
Notre Dame, IN 46556

### **Viola D. Hank Endowed Chair in Bioengineering**

The Department of Aerospace and Mechanical Engineering at the University of Notre Dame is seeking nominations and applications for the Viola D. Hank Chaired Professorship in the general area of bioengineering. Appointment will be at the level of tenured, full professor.

Candidates should have an earned doctorate in mechanical engineering, biomedical engineering or a related field, and a strong record of recognized research and extramural funding in areas related to the interface between mechanical engineering and the life sciences - bioengineering. Specific areas of interest include, but are not limited to: functional tissue engineering, cell/biomaterial interactions, cell mechanics, mechano-biology, biomaterials, tissue mechanics, biofluidics, and implantable devices. The successful candidate will be expected to significantly enhance the visibility of bioengineering research efforts within the Department and the University, develop internal and external research collaborations, and provide leadership to ongoing research efforts. Opportunities exist for interaction with faculty members engaged in various overlapping aspects of mechanics, materials and biology. The candidate will also be expected to teach courses at the undergraduate and graduate level in the Department, to advise graduate students, and to serve on departmental committees.

The Department and the College of Engineering have active research programs in bioengineering, which are supported by the NIH, NSF, CDC, Army Medical Research and Materiel Command, Department of Defense, the State of Indiana 21<sup>st</sup> Century fund and several industrial partners. The College of Engineering opened a new 25,000 sq ft. research building in the fall of 2006 and this building is dedicated to research in biomedical engineering, and includes facilities for both biological and bioengineering experiments. Animal facilities are available in the Freimann Life Science Center with a licensed veterinarian and support staff. The Ernestine Raclin and O.C. Carmichael Jr. Hall, which opened adjacent to campus in 2005, houses the Indiana University School of Medicine and the W.M. Keck Center for Transgene Research, expanding collaborative opportunities for engineering faculty. The Department of Aerospace and Mechanical Engineering and the College of Engineering are committed to excellence in this area based on cross-departmental interdisciplinary research and interactions with nearby medical schools, hospitals and industrial partners. More information on the bioengineering efforts within the Department is available at [www.nd.edu/~amebio](http://www.nd.edu/~amebio) .

The University of Notre Dame is a private, Catholic, university with a total enrollment of over 11,000 students. It is classified as a doctoral research university (extensive) by the Carnegie foundation, and it is consistently ranked among the top 20 national research universities by *US News and World Report*. Notre Dame is located near South Bend, Indiana, which is a short drive from the Lake Michigan shore and the greater Chicago area.

Nominations, letters of interest or inquiries for additional information should be sent to Stephen M. Batill, Chair, Department of Aerospace and Mechanical Engineering, 365 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN, 46556. Email ([batill@nd.edu](mailto:batill@nd.edu)) or phone (574-631-5433) responses are also encouraged.

*The University of Notre Dame is an Equal Opportunity, Affirmative Action Employer.*