

# Graduate Research Position Openings in the Nanoprobe Laboratory for Bio- & Nanotechnology and Biomimetics (NLB<sup>2</sup>)

Two positions are available in Bio- & Nanotechnology (MEMS/NEMS and BioMEMS/NEMS devices) and biomimetics (lotus effect/superhydrophobicity and Gecko adhesion). **M.S. or Ph.D. students are needed to carry out research.** Projects involve hands-on work, micro/nanofabrication, design and setup of high precision experiments (atomic force microscopy and other instruments), interface with computers for running the experiments and data acquisition, and the use of electro-mechanical skills. Opening also exists for a person interested in a computer modeling project. An experience in atomic force microscopy, nanoindentation and/or MEMS/NEMS is desirable, although not required. The positions require interfacing with industrial and government sponsors.. For further details on the Lab activities, please visit:

<http://www.mecheng.osu.edu/nlbb/>

Prospective students should have a high GPA and high GRE (if applicable) and **excellent written and oral communication skills.** A student **pursuing a degree in Mechanical Engineering or other engineering and science departments (e.g., Physics, Chemistry, Materials Science and Engineering, Chemical Engineering) is eligible.** A preference will be given to those who can support themselves during the first year, either by Fellowship, GTA or personal funds. The position provides excellent training in experimental engineering or computer modeling with excellent job prospects in a high tech industry with high pay.

If you are interested, please contact Professor Bharat Bhushan, Nanoprobe Laboratory for Bio- & Nanotechnology and Biomimetics (NLB<sup>2</sup>), Department of Mechanical Engineering, The Ohio State University, W390 Scott Lab., 201 W. 19th Avenue, Columbus, OH 43210, Tel: 614-292-0651; email: bhushan.2@osu.edu