

Fulltime Researcher Position Opening in the Nanoprobe Laboratory for Bio- & Nanotechnology and Biomimetics (NLB²)

A fulltime researcher is sought for an open research position effective immediately. Research project is in the field of biomimetics – fabrication of bioinspired surfaces for water collection and repellency. Project involves microfabrication of surfaces using various coating composites and characterization as well as some modeling.

For general background on the research area, pl read the following articles: (1) Brown, P. S. and Bhushan, B., “Bioinspired Materials for Water Supply and Management: Water Collection, Water Purification and Separation of Water from Oil,” *Philos. Trans. Royal Soc. A* **374**, 20160135 (2016), and (2) Wang, Y. and Bhushan, B., “Wear-Resistant and Antismudge Superoleophobic Coating on Polyethylene Terephthalate Substrate Using SiO₂ Nanoparticles,” *ACS Appl. Mater. & Interf.* **7**, 743-755 (2015).

For further details on the Lab, please visit: <https://nlbb.engineering.osu.edu/>

Prospective candidate should have good written and oral communication skills. A researcher having received a degree in Mechanical Engineering or other engineering and science departments (e.g., Physics, Chemistry, Materials Science and Engineering, Chemical Engineering) is eligible. Preference will be given to researchers with some relevant experience. One-year funding is available and multi-year funding is anticipated. The position provides excellent training in experimental engineering and modeling with excellent job prospects in a high tech industry.

If you are interested, please contact Prof. Bharat Bhushan,

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