

Gecko-Inspired Adhesives and Tapes

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- Polymer science (88)
- Medical (50)
- Information technology (24)

About The Faculty Inventor



Dr. Ali Dhinojwala is H.A. Morton Professor of Polymer Science at The University of Akron. After spending several years working in industry, Dr. Dhinojwala joined The University of Akron in 1997. He currently serves as Interim Chair in the Department of Polymer Science, and is active in the newly created Integrated Biosciences program, a unique interdisciplinary experience designed to give students an in-depth, but diversified, knowledge of biological systems. His current research is involved with structure and dynamics at surfaces and interfaces; the complex interrelationships between adhesion, adhesion hysteresis, and friction; and the development of synthetic adhesives using aligned carbon nanotubes inspired by Gecko foothairs.

