

Gecko-Inspired Adhesives and Tapes

Kenneth Preston, Director
Susan Dollinger, Marketing Director
Goodyear Polymer Center, Suite 312
Akron, Ohio 44325-2103
Phone: 330-972-7840
Fax: 330-972-2368
Email: uarf@uakron.edu
Web: www.uakron.edu/research

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

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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.

