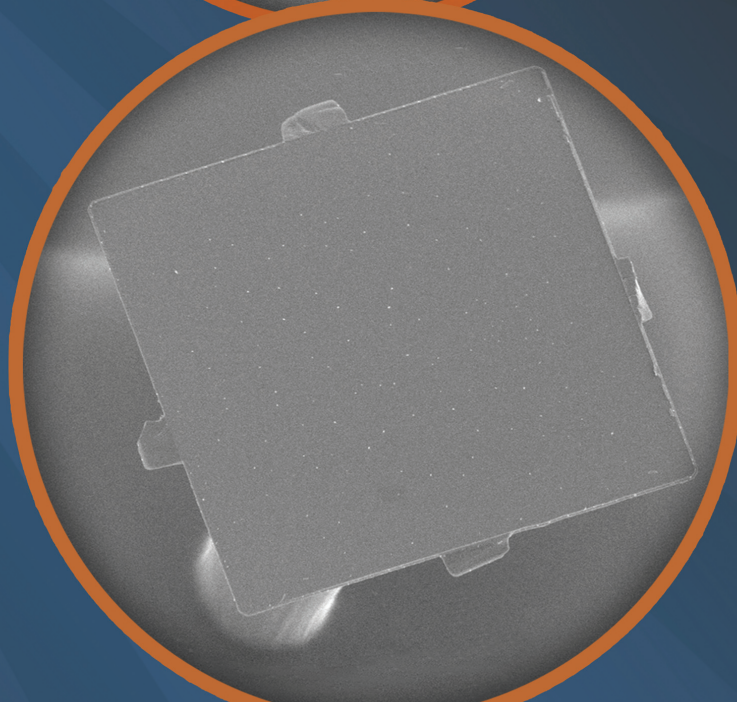
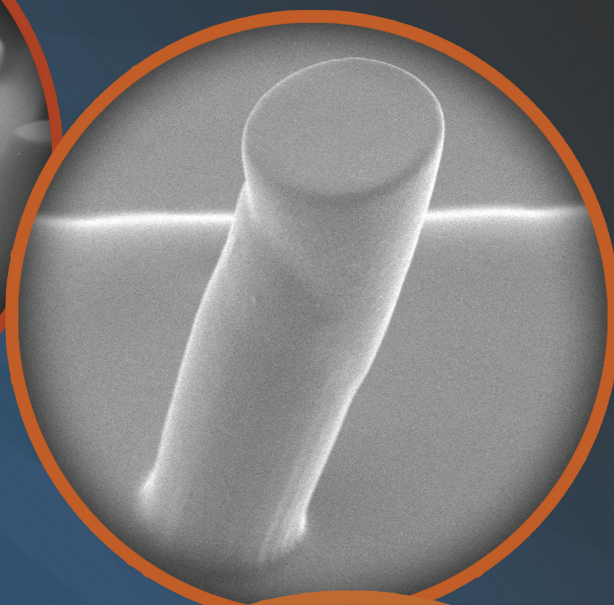
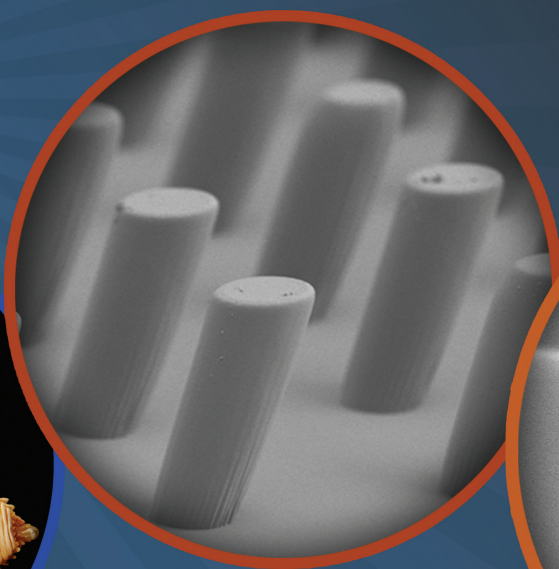




ADVANCED FUNCTIONAL MATERIALS



BIOINSPIRED MATERIALS

The stickiness of a gecko's foot comes from tiny hair-like structures that attach and detach when rubbed along a surface. As reported on page 1246, Metin Sitti and co-workers take inspiration from the structures and control of the gecko's foot to create arrays of angled elastomeric microposts. A single micropost is isolated and through pressing and dragging it is used to pick-and-place microscale parts. Photographs of the gecko and its foot courtesy of Dr. Michael P. Murphy, Copyright 2010.