



**FASHIONABLE DETECTOR:** To make an air pollution detector that study subjects would want to wear, researchers used components that can fit into a wristwatch-style device. Inside the wristband, air pollutants diffuse into two types of sorbent material over time: triethanolamine-coated foam and a polydimethylsiloxane (PDMS) sorbent bar. The sorbent material is later removed from the wristband and the amount of pollutant collected is quantified.