

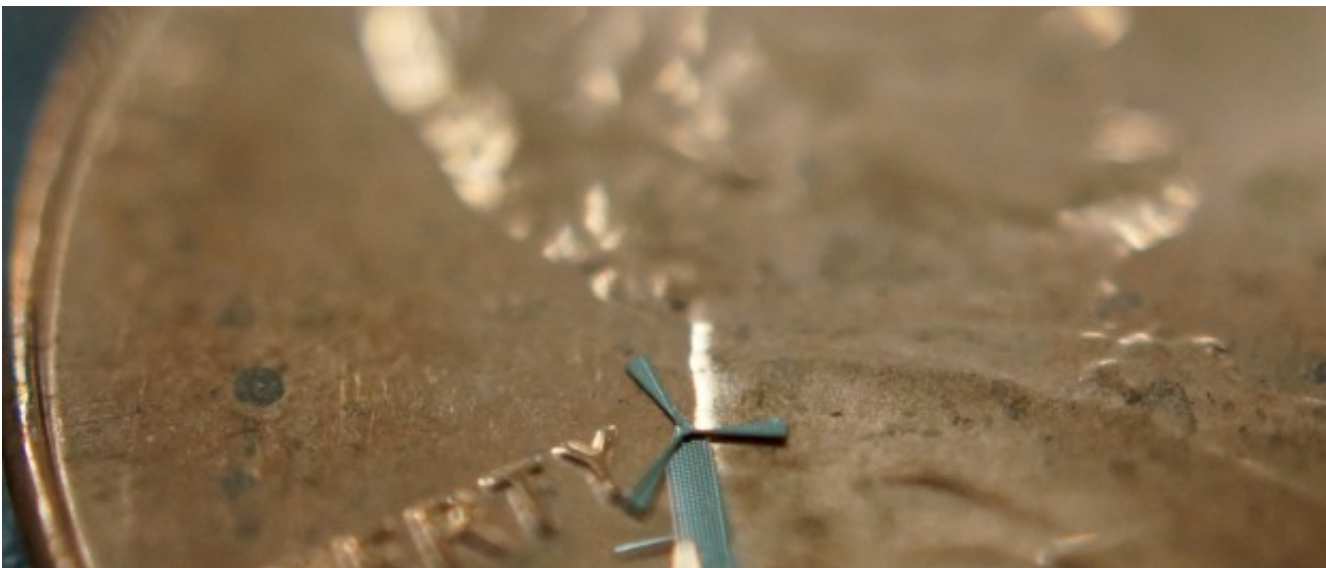
ConsumerGadgets

Technology News for the **Consumer**

- [News](#)
- [Sections](#)
 - [Apple](#)
 - [Android](#)
 - [Apps](#)
 - [Lifestyle](#)
 - [Mobile](#)
 - [Software](#)
 - [Tablets](#)
 - [Space](#)
 - [Future](#)
- [Rumors](#)
- [Newsletter](#)
- [About](#)
 - [Contact](#)

Researchers create 'micro-windmills' to power devices

Posted on January 13, 2014 by [Nick Knudsen](#) in [Future](#), [Lifestyle](#) // 0 Comments



Smitha Rao and J.-C. Chiao, researchers at the University of Texas Arlington, have created 'micro-windmills' that will be able to charge phones, tablets and other mobile devices. At its widest point, the windmill is about 1.8 mm, so small that a single grain of rice could hold 10 windmills. These tiny windmills attached to a phone or case would charge the device's battery simply by holding your device in the wind. "The micro windmills were tested successfully in September 2013 in Chiao's lab. The windmills operate under strong artificial winds without any

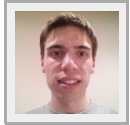
fracture in the material because of the durable nickel alloy and smart aerodynamic design.” Because of their small size, these windmills could be attached to homes or businesses to power various lighting and security features with clean renewable energy, without the need for a giant wind turbine that are generally very expensive.

Source :

[University of Texas Arlington](#)

About the Author

- **Nick Knudsen**



Executive Editor
Consumer Gadgets

Email: nick@consumergadgets.net

[← Previous post](#)

[Next post →](#)

0 Comments

Consumer Gadgets

 Login ▾

Sort by Newest ▾

Share 

Favorite ★



Start the discussion...

Be the first to comment.

 Subscribe

 Add Disqus to your site

DISQUS

To search, type and hit enter

**Latest News**

- [Google's Chromecast will have more apps soon](#)
- [Pebble App Store opening Monday, Feb. 3](#)
- [NFC payments coming to iPhone with 3rd party case](#)
- [iPhone 6 may have 4.8-inch display](#)
- [Horizon for iOS prevents vertical video](#)

News Archives

- [February 2014](#)
- [January 2014](#)

Sponsored Links



The advertisement is a vertical banner. At the top, it says "Best Deals" in black and "Car Batteries" in red. Below this, there are two images of car batteries. The top battery is a black VOLT brand battery with a red and yellow label. The bottom battery is a grey and black battery with a red terminal. At the bottom of the banner, it says "Largest Selection" and "Lowest Prices" in green, followed by a red button with a yellow arrow pointing to it that says "See Prices".

Best Deals
Car Batteries

VOLT BATTERY

Largest Selection
Lowest Prices

See Prices

Company

- [About](#)
- [Terms of Service](#)
- [Privacy Policy](#)
- [Contact](#)

