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We believe: Rice professor is one for the books



That a Rice University professor took part in the creation of the darkest material ever is apparently a matter of belief.

Or not.

The dark material created by Rice professor Pulickel

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Ajayan, left, with postdoctoral research associate Lijie Ci, is featured in a new anthology published by Ripley's Believe It or Not titled "Prepare to Be Shocked!" The discovery was announced earlier this year with co-investigator Shawn-Yu Lin, a physicist at Rensselaer Polytechnic Institute.

Billed as a yearbook for "the weird, the beautiful, the disgusting, the macabre and the amazing," the book also features a man who can cook a fish in his hands, a wheelchair-bound man who can walk after immersing himself in deep water and a restaurant that offers gilt chocolate topped with edible gold dust.

"Believe it or not, I never thought of being in such company," said Ajayan, whose discovery has also been accepted as a Guinness World Record as the darkest material ever.

The material consists of a thin carpet of nanotubes that reflects only 0.045 percent of the light that strikes it and may find uses in solar power applications, telescopes and special coatings.

Ajayan said the team has yet to come up with anything darker, but the study is not complete. "We are extending this to other wavelengths, outside the visible range that was reported earlier," he said.

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