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# Robert Lustig: godfather of the sugar tax

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The godfather of the sugar tax, the man who started the war on fizzy drinks, is a slightly overweight grey-haired New Yorker who has spent almost two decades studying childhood obesity.

Professor Robert Lustig, of the University of California San Francisco School of Medicine, went viral on July 30 2009 with a YouTube video called *Sugar: The Bitter Truth* .

The video, in which he argues that sugar, and particularly sugary soft drinks, is more to blame for childhood obesity than saturated fat, has since been viewed more than 6m times.

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"If there is an inconsistency in how the UK tax has been laid out, it is that juice should be taxed the same way as soda because from a metabolic standpoint juice is the same as soda," he said.

And he had little time for the squeals from the soft drinks lobby that taxing sugary drinks could divert children to other sugar hits, such as chocolate.

"Why wouldn't you tax something that has no redeeming value and is dangerous?" he said. "Because it is liquid sugar, it does not suppress the hunger hormone so you end up consuming even more. So getting rid of drinks really does make sense in terms of getting the consumption down. As opposed to chocolates, you can keep drinking until the cows come home."

That observation dovetails with one of the key findings of Prof Lustig's research: not all calories are equal.

Some, such as those emanating from sugar, especially from high-fructose corn syrup, have a far more dangerous impact on our metabolism. Sugar's addictive qualities, and the way it is delivered into our bodies, make it a particular problem.

"High-fructose corn syrup gets absorbed even more rapidly and goes straight to the liver, where it causes even more damage," he said. He suggested that sugar was a poison, and that fizzy drinks were the equivalent of a lethal shot in the arm.

Since first publishing his findings in 2007, Prof Lustig has been a thorn in the sides of soft-drink manufacturers, as well as being an irritant to the industry peddling low-fat foods. Some industry watchers have as a consequence described the YouTube video as sugar's "tobacco" moment.

The US is more exposed to sugary drinks than the UK, consuming 37 per cent of its added sugar in liquid form. British consumers receive 27 per cent of their added sugar from jam, sweets and chocolate, according to the NHS, and 25 per cent from soft drinks and juice.

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Professor Robert Lustig

Prof Lustig said defining a soft drink was easy, which made the tax easy to implement, and he argued that "there's nothing in them remotely of value because there's no nutrition to be obtained".

His views have been echoed in recent years by Credit Suisse and Morgan Stanley, with the investment banks suggesting that a sugar tax could also boost economic productivity.

"Theoretically, all foods containing added sugar should be targeted in an attempt to reduce daily intake; however, soft drinks could effectively bear the brunt of any financial levy," predicted Giles Keating and Stefano Natella from Credit Suisse in 2013, leaning on Prof Lustig's findings.

The professor praised Jamie Oliver, the celebrity chef, who appeared in front of the Houses of Parliament on Wednesday to cheer the new levy.

"Jamie was very outspoken and he levied a tax in his own restaurant — I'm prepared to give him credit," he said. "I'm interested in fixing the problem."

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