

# University of Northumbria fined after botched experiment nearly kills students

The University of Northumbria at Newcastle has been fined after two students fell seriously ill following a laboratory experiment.

Newcastle Crown Court heard how students were learning about the effects of caffeine as part of a sports experiment. Part of the course included a practical exercise where volunteer students would take quantities of caffeine to demonstrate the impact.

Two of the volunteer students drank a solution with 100 times the amount that should have been taken as part of the experiment. They immediately suffered from dizziness, blurred vision, vomiting, shaking and rapid heartbeat. They were rushed to hospital where their conditions were considered life threatening. Dialysis was required to rid their bodies of the excessive levels of caffeine.

An investigation by the Health and Safety Executive found that the protocols set out for the experiment were not followed. The instructions were to use 200mg tablets but as they were not available the students were provided with caffeine in a powdered form. This created a situation where the students miscalculated the amount of powder to use and overdosed the two volunteers.

University of Northumbria pleaded guilty to breaching Section 3 (1) of the Health and Safety at Work etc. Act 1974 and were fined £400,000 and ordered to pay costs of £26,468.22.

HSE inspector Cain Mitchell said: "Procedures where students are given supplements to assess their effect on the body need to be stringent and subject to very careful control. Caffeine is most popularly known as a constituent of coffee but it can be very dangerous and life threatening where pure caffeine powder is consumed.

"The University completely failed to control the risks during these experiments and two young students were made seriously ill which resulted in intensive care treatment for a number of nights. In other reported cases people have died after taking doses which were less than those administered to these two students.

"All organisations who engage in experiments where people are given chemical substances should ensure that the risks are fully identified and strict procedures are devised and followed to ensure that the experiments can be undertaken safely."

## **Notes to editors:**

1. The Health and Safety Executive (HSE) is Britain's national regulator

for workplace health and safety. It aims to reduce work-related death, injury and ill health. It does so through research, information and advice, promoting training; new or revised regulations and codes of practice, and working with local authority partners by inspection, investigation and enforcement. [www.hse.gov.uk](http://www.hse.gov.uk)

2. More about the legislation referred to in this case can be found at: [www.legislation.gov.uk/](http://www.legislation.gov.uk/)
3. HSE news releases are available at <http://press.hse.gov.uk>

Journalists should approach HSE press office with any queries on regional press releases.

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## [News story: UK Government leads Burns Night celebrations around the world](#)

Scottish Secretary David Mundell and Foreign Office Minister Sir Alan Duncan will host tonight's reception, where guests will be welcomed by bagpipes, enjoy a whisky tasting, and listen to Scottish folk singer Katy Thompson, who will perform 'My Heart is in the Highlands' and 'My Love is Like a Red Red Rose'. In addition, Ryan Hunter, 2nd year BA Acting student from at the Royal Academy of Dramatic Art, will recite Burns' poem 'A Mans A Man for A' That'.

### [Address to a Haggis](#)

The video shows UK Government staff and Scottish service personnel including Major Jonny Rourke, Lieutenant Colonel Gordon Mackenzie, Bombardier Steven Cunningham and Chief Petty Officer John Boyle reciting Burns' most famous work, the 'Address to a Haggis'.

Secretary of State for Scotland, David Mundell said:

This week the whole country will celebrate the life and work of Robert Burns, one of Scotland's greatest cultural icons. His works are justly famous right across the globe. From Ayrshire to Atlanta, and from Cumbernauld to Canberra, on Wednesday Burns' work will be celebrated in homes and Burns societies all over the world.

Burns' legacy remains relevant around the world, and as someone from Dumfries, Burns has always played an important part in my life. On Burns Night, I will be promoting Scotland's fine produce at a reception with the Foreign and Commonwealth Office. And, of course, toasting the Bard with a wee dram of "guid auld Scotch."

Foreign Office minister Sir Alan Duncan said:

The clue is in the name – my father and many Duncans before us were born and brought up in Wick, Caithness, so I'll be in my Duncan tartan tonight.

Burns' enduring global influence demonstrates the impact of Scottish culture around the world and I know that Burns night will be celebrated all over – not just by British troops, embassies, aid workers and expats, but by people from many countries throughout the world. It shows us that Burns' appeal is as strong as ever.

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## **Cold Weather Payments**

Cold Weather Payment has been triggered by low temperatures in Wokingham this week. You can check your eligibility here:

<https://www.gov.uk/cold-weather-payment/eligibility>

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## **Press release: Oil and gas regulators to host public drop-in at Wakefield**

A group of public agencies is hosting a drop-in event in Wakefield to explain how they work together to regulate the onshore oil and gas industry and protect communities and the environment.

The Environment Agency, Health and Safety Executive, Oil and Gas Authority, and Public Health England are hosting the event in the Kingswood Suite at Wakefield Town Hall, Wood Street, Wakefield, on Tuesday 7 February.

These agencies work together to assess the impacts of the oil and gas industry, to oversee industry operations, and to ensure that any exploration and development, including fracking, is done in a way that does not put people or the environment at risk of harm.

The drop-in session is one of a series of events that offer local residents, businesses and other interested parties in West Yorkshire an opportunity to find out about agencies' roles and to ask questions and discuss any issues or concerns they have about onshore oil and gas development ahead of any future applications to develop operations in the area.

Everyone is welcome to attend at any time between 2pm and 7pm.

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# All workers deserve dignity safety and equality in the workplace and respectful dress codes must be part of that – Sarah Champion

**Sarah Champion MP, Labour's**

**Secretary of State for Women and Equalities**, responding to a joint report from the parliamentary committees for Petitions and for Women and Equalities, said:

“All workers deserve dignity, safety and equality in the workplace and respectful dress codes must be part of that.

“The Government's insistence that the status quo is adequate on this issue is clearly not true. This report is clear that many women feel compelled to wear discriminatory outfits at work or face disciplinary action.

“Labour urges the Government to undertake its own review into lack of compliance amongst employers in this area and to bring forward suggestions on how greater equality in the workplace can be realised.”