Chemistry in Action

Chemists have all the fun...

Five sessions from leading chemists in academia and industry will inspire the scientists of the future. From the elements to energy, poisons to perfume, this programme is engaging, challenging and entertaining. A special session on examination success will ensure students are equipped with the tools to excel.

- Gods, devils and alcohol
- A is for Arsenic
- Mercury – window on the invisible
- Nanoinvasion!
- The science of scent

UCL Institute of Education, London
20 Bedford Way
London, WC1H 0AL

£19 + VAT*

Plus one COMPLIMENTARY staff ticket per 10 students. *VAT may be reclaimable please check with your finance department

ttp is the leading provider of inspirational, informative, Education in Action study days for A-level, IB, BTEC and GCSE students.

Award-winning, world-class speakers
Cutting-edge content
Thought-provoking demos and presentations
Examination hints, tips and guidance
Modestly priced to offer access to all
Complimentary staff ticket for every 10 students booked

Bookings can be amended up to 28 days before the event day
### Gods, devils and alcohol / Peter Wothers

What connects a urinating camel to a spiral fossil? In which brands of shampoo can you find “Fool's Bollox” and “beaver testicles”? Peter guarantees you will never look at a bottle of shampoo in the same way again!

Dr Peter Wothers is a lecturer in chemistry at the University of Cambridge and a Fellow of St Catharine’s College.

### Nanoinvasion! / Jamie Gallagher

Materials Scientist Jamie Gallagher will be your guide as we shrink down and get hands on with the tiny tech that is changing everything. Discover a world where robots build themselves, metal becomes transparent and pencils become stronger than steel.

Dr Jamie Gallagher is a scientist and science communicator. He was recognised as one of the UK’s “100 Leading Practising Scientists” by the Science Council.

### A is for Arsenic / Kathryn Harkup

Many compounds we now consider to be poisons were once found on pharmacy shelves. Kathryn will examine the chemistry behind four former medicines and their effects on the body with some killer case studies.

Kathryn is a chemist and science communicator specialising in delivering talks and workshops on the quirky side of science.

### The science of scent / Will Andrews

Perfumes are typically a blend of natural essential oils and single aromachemicals. Will will share the fundamentals of perfumery (a combination of artistic design and chemistry) and will explore the fascinating processes involved.

Will Andrews is Principal Scientist at Procter & Gamble, where he guides the team in designing the next generation of perfumes for the P&G Prestige brand portfolio.

### Mercury – window on the invisible / Andrea Sella

Mercury is the most beautiful element in the periodic table and the most reviled. Andrea will explore the world of mercury, ending with the question, can we bring it to life?

Andrea is a synthetic chemist and broadcaster who is interested in the structure and bonding in the rare earths. He has been involved in numerous radio and television projects.