### AToM Day

**Wednesday 13th September 2017, Whiteknights Campus.**

A day of talks and activities involving Chemistry, Pharmacy and Food Science for Year 12/13 students looking at alternatives to studying medicine.

For bookings and further information email [Hasna Zaher](mailto:Hasna.Zaher@reading.ac.uk) or Tel. 0118 378 6145

### Teachers’ Centre Annual Meeting

**Wednesday 20th September 2017, 4.30 for 5.00pm - 6.30pm, Department of Chemistry, room G50**

Our annual Chemistry Teachers’ Centre meeting. Prof David Read from the University of Southampton will be leading the discussion on the new Chemistry A level specifications. There will also be opportunity to network over a cup of coffee.

To register email [Chemistry Outreach](mailto:Chemistry.Outreach@reading.ac.uk) or [Elizabeth Page](mailto:Elizabeth.Page@reading.ac.uk).

### University Open Days

**Saturday 30th September and 7th October 2017**

For further information email the [Student Recruitment and Schools Liaison Team](mailto:Student.Recruitment@reading.ac.uk), call 0118 378 7589 or visit the [undergraduate open days webpage](http://www.reading.ac.uk/schools/undergraduateopendays/). 

### Spectroscopy Workshops

**Wednesday 24th January, 14th March and 25th April 2018, 1.00 – 3.00 pm, Department of Chemistry.**

A fantastic opportunity for Year 12/13 students to visit the spectroscopy facilities at the University. After a short introductory talk, students will be shown round our Chemical Analysis Facility, which includes NMR, IR and Mass Spectrometers. This will be followed by a problem-solving session, in which students are given a chemical problem and the relevant IR, Mass Spec. and NMR data to enable them to identify a number of compounds in a reaction series.

There is a deposit (refundable on attendance) payable for this event: £50 for groups of students (maximum of 15 per school).

For bookings and further information, email [Outreach](mailto:Outreach@reading.ac.uk)
**Heroines of Science**

Wednesday 7th March 2018, 12:30 pm – 4:15 pm, Department of Chemistry

Who is your heroine of science? The University of Reading invites you to join us for an exciting event celebrating the work of female scientists. This event is aimed at Year 11 and 12 students and we encourage schools to enter teams of 4 students to present on who their unsung heroine of science is. Teams are judged via an academic panel with prizes for the best presentation. The event is kicked off with an inspiring guest lecturer delving into an area of chemistry of current media interest. Priority is given to schools with presenting teams, non-presenting students/schools welcome.

For further information and bookings please email Chemistry Outreach

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**RSC Schools Analyst Competition**

Date tbc, Department of Chemistry.

The Schools' Analyst Competition is a competition run by the Royal Society of Chemistry's Analytical Division for Year 12 students. The Analytical Division’s Regions hold heats, in early spring each year, to select a team or teams, to go through to the National Final (held in June). Each team comprises three students (with an accompanying teacher).

For further information please email Chemistry Outreach

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**Salters’ Festival of Chemistry**

Wednesday 9th May 2018, 9:30 am – 3:00 pm, Department of Chemistry.

Problem solving in the laboratory for a group of four Year 7/8 students. Bookings to be made through the Salters’ Institute website (bookings open on 28 November 2017). For further information about the festivals click here.

For further information, email the Salters Institute

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**Spectroscopy Masterclass**

Wednesday 4th July 2018, 9.30am – 3.35pm, Department of Chemistry.

The Spectroscopy Masterclass will include short talks on Infrared and NMR spectroscopy and Mass spectrometry, a workshop session and instrument visits. There will also be talks on applying for university courses in the School of Chemistry, Food and Pharmacy and a demonstration/research-based lecture.

The Masterclass is specifically for students who are interested in chemistry or a related science as a degree choice. Schools can apply to send up to 5 students with or without a teacher, or students can apply individually. There is a deposit (refundable on attendance) of £20 per school group. (No deposit is required from individual students).

For booking and further information, email Outreach
**Spectroscopy in a Suitcase Workshops**

Sponsored by the Royal Society of Chemistry, Spectroscopy in a Suitcase gives Year 12/13 students the opportunity to learn about spectroscopy through hands-on experience of using an IR spectrometer. As well as covering the principles of IR and MS spectroscopic techniques, the activities use real-life contexts to demonstrate their applications. Career opportunities available with chemistry qualifications are highlighted. University students/staff deliver the workshops within your school/college (typically 1.5-2 hrs). The equipment may also be available on a short-term loan basis.

For more information about SIAS [click here](#)
To request a visit or loan, please fill in the online [booking form](#)
If you have any questions please email [Chemistry Outreach](#)

**Chemistry Lectures for Schools**

To celebrate the 125th anniversary of the founding of the Reading Chemistry Department, we are presenting a number of lectures suitable for students in Years 11, 12 and 13 which expand on GCSE and A level chemistry topics. Each presentation will last for 30-50 mins and will be delivered at your school/college. There will be the opportunity to ask questions, both about the talk content and about studying chemistry at university.

A wide range of topics are presented. Talk titles include:

- Our Light Materials,
- Zeolites Really Rock!
- Spectroscopy: Exploration of Space, Studies of the Past and the Fight Against Crime,
- Chemistry for our Future: Clean and Sustainable Energy,
- Liquids, Crystals, Colours and Light,
- Materials from Micelles,
- Fuelling the Car of the Future,
- Why Chemistry at University?

To download the full lecture programme please visit our [Chemistry Outreach webpage](#)

**To book** a lecture to be delivered in your school; email [Chemistry Outreach](#) with your school name, address, talk you are interested in and time/date(s) you would like the talk. [Please note this depends on your location and the lecturer’s availability]

For further outreach information, please visit our [Chemistry Outreach webpage](#).