



Presentation of Chemistry Week 2009 Poster Competition Prizes

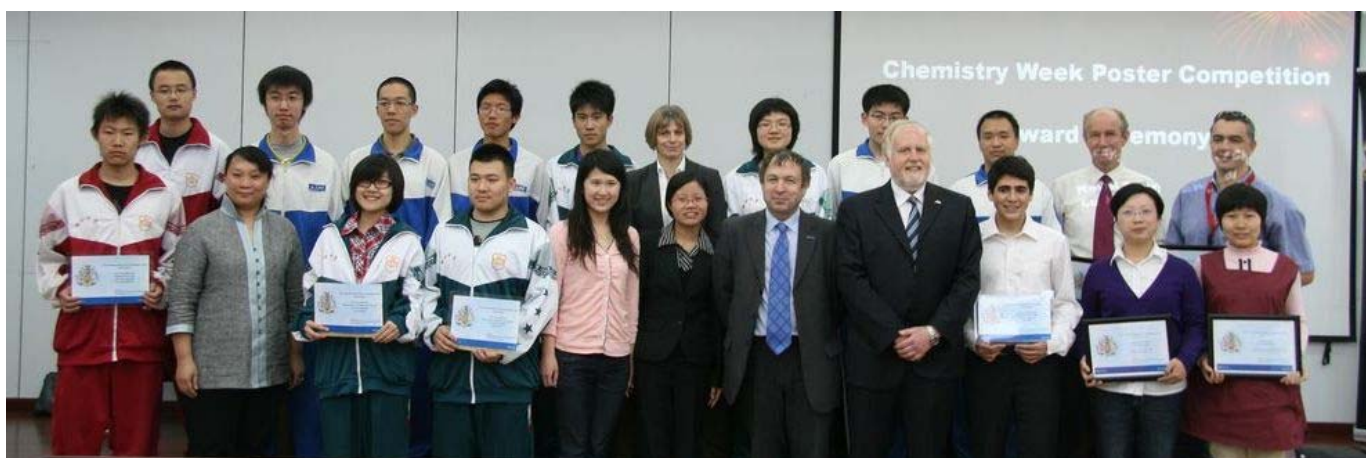
Dr. Neville Reed (RSC Managing Director, Science, Education and Industry) and Dr. Sarah Thomas (RSC International Programme Manager—Asia) joined RSC staff members in China, Hongmei Peng (Shanghai office) and Rosemary Cao (Beijing office) and the Chair of the Beijing Local Section, Prof. David Evans, at a Prize Giving Ceremony held in Luhe High School in May 2010. In addition to the winning students and their teachers, the event was attended by governors and head teachers from some of their schools as well as parents of some of the students. David Evans introduced the event and congratulated all the entrants in the competition on the very high standard of their entries and said the judges had found it very hard to select the winners. In his welcome address, Neville Reed explained that the RSC is the largest non-government supporter of chemistry education in the UK with activities encompassing formal and informal education from the cradle to the grave grouped into three key areas: Schools and colleges, Higher Education (HE) and Continuing Professional Development (CPD). He also described how the rapid growth of chemistry in China had prompted the RSC to set up offices in Beijing and Shanghai and undertake an increasing range of activities here.



Neville Reed's opening address.



Neville Reed and Sarah Thomas with the winners of the Junior Group—Second Prize, Wan Miaomiao, Hou Zhongze, and Jin Zhen from Luhe High School for their poster entitled "Are 100% pure fruit juices best for you?"

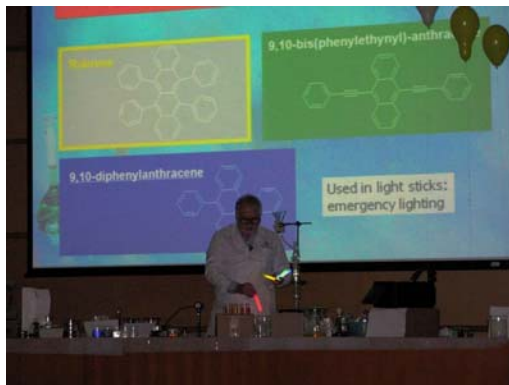


Neville Reed, Sarah Thomas, David Evans, Peng Hongmei and Rosemary Cao with the winning students and their teachers.



Lecture Demonstration for Schools

The Chair of the Local Section, Prof. David Evans gave a lecture demonstration to local high school students and their teachers entitled "Illuminating Chemistry" at Beijing University of Chemical Technology in December. The lecture showed what light can tell us about the structure and reactions of molecules, and why nanomaterials with very small particles have different colours and properties from those of the bulk materials?



The scattering of light by colloidal sulfur particles varies with the wavelength of the light.

Oxidation of aryl ethanedioate esters with hydrogen peroxide in the presence of fluorescent dyes gives chemiluminescence which can be used in emergency light sticks.

Photochemical reduction of Fe(III) with citrate gives Fe(II), which reacts with hexacyanoferrate(III) ions to give Prussian blue. Using a stencil to control which areas are exposed to light allows the letters R S C to be spelt out.

Lecture Demonstration for University Students

In December, Prof. David Evans gave a lecture demonstration to first year non-chemistry-major undergraduates at Peking University entitled "The how and why of chemical reactions".



Preparing to initiate the reaction of potassium permanganate and glycerol, after having lit a candle by means of the reaction of propan-2-ol with chromium(VI) oxide.



Igniting a balloon filled with pure hydrogen showing that it burns quietly unlike the loud bang obtained with a balloon filled with a mixture of hydrogen and oxygen.



RSC Prizes and Awards

RSC awards over 60 Prizes and Awards each year, covering all areas of the chemical sciences, rewarding those undertaking excellent work across the world. In 2010, awardees came from many different countries and regions, including Prof. Wai-Yeung Wong of Hong Kong Baptist University who received the Transition Metals Award. The Beijing Local Section Committee hope that 2011 will see some awards to mainland Chinese scientists and encourages members to submit nominations. You may **nominate either yourself or a colleague**. Details may be found at:

<http://www.rsc.org/ScienceAndTechnology/Awards/BySubject/index.asp>

Note that most, but not all, awards, are available in 2011 (some are only available in alternate years). The nomination process is quick and easy using the online procedure at

<http://www.rsc.org/ScienceAndTechnology/Awards/nomination.asp>

You will need to supply your name and contact details, the candidate's name and contact details, a supporting statement of **no longer than one A4 side** of 11pt text and a **one page** CV for the candidate which should include their date of birth, website URL, summary of education and career, a list of 5 relevant publications and total numbers of publications and patents. **The closing date for nominations is 31 January 2011.**

In 2011, the Beijing Local Section is planning to organise symposia in China featuring two of the awardees from 2010—Prof. Duncan W. Bruce from the University of Sheffield (Tilden Prize) and Prof. Dermot O'Hare from the University of Oxford (Ludwig Mond Award)—and a number of supporting speakers.

Good luck with your applications!!

Zheng Chunxiao welcomes a son



Many members will know Dr. Zheng Chunxiao, the RSC Chief Representative for China, and have enjoyed working with her. You will be pleased to know she gave birth to a son, Dong Zezheng (董则正) on 12 July 2010. The photo shows him on his 100th day. After a short period of maternity leave, Chunxiao is now back at work spearheading the RSC's work in China.

International Year of Chemistry



IYC 2011
International Year of
CHEMISTRY

The 63rd UN General Assembly declared 2011 the International Year of Chemistry (IYC 2011) and appointed the United Nations Educational, Scientific and Cultural Organization (UNESCO) and the International Union of Pure and Applied Chemistry (IUPAC) as organizers. Goals of IYC 2011 are to increase the public appreciation of chemistry in meeting world needs, encourage interest in chemistry among young people, and generate enthusiasm for the creative future of chemistry.

The RSC in general, and the Beijing Local Section in particular, will be organizing a number of events to mark IYC 2011. Any suggestions for events should be sent to the RSC Chief Representative for China, Dr. Zheng Chunxiao (zhengc@rsc.org) or a member of the Local Section Committee (contact details on the next page).

In order to celebrate both the launch of IYC 2011 and the 100th anniversary of the award of the Nobel Prize in Chemistry to Marie Curie, RSC are organizing a breakfast meeting in Beijing as part of the worldwide "Women Sharing a Chemical Moment in Time" event on 18 January 2011. It will take place in the Diaoyutai State Guesthouse and will be attended by Madam Gu Xiulian (顾秀莲)—who has been both Minister of Chemical Industry and President of the All-China Women's Federation, female Academicians of the Chinese Academy of Sciences and Chinese Academy of Engineering, other senior women scientists, as well as younger researchers and students. The breakfast will be linked by SKYPE/video with those in other countries in the appropriate time zone. Dr. Richard Pike (CEO of the RSC) will introduce a short video message from a prominent UK female scientist who will talk briefly about her career and will end by asking: "what message would you give to aspiring young female scientists in the UK?" During breakfast, a number of Chinese guests will have the opportunity to record their message to young female scientists in the UK to a video camera. This recording will then be sent to the UK and edited overnight ready to be played to the audience at the corresponding event in Burlington House, London, which will take place several hours later. Video footage of the events in Beijing and London will be transferred to Paris for use during the official launch of IYC 2011 on 27 January 2011. The event in Beijing will be filmed by the 'Light of Science' programme (CCTV 10) and covered by other media outlets. Any female RSC members who would like to attend the breakfast should contact Dr. Zheng Chunxiao (zhengc@rsc.org) as soon as possible.



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Co-opted

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Please contact a member of the Committee if you have any suggestions for Section activities in International Year of Chemistry 2011 or any other comments

In addition, contact details for the RSC office in Shanghai are as follows:

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