

AWiSE aims to help retain and enhance the participation of women in science, engineering and technology in industry and academia. We do this through **networking** meetings, personal development workshops, access to a **mentoring** scheme and gathering and disseminating **information**. AWiSE members come from the whole range of career stages, from undergraduates and postgraduates through to company directors and professors.



Welcome!

Welcome to the last newsletter of 2007. I hope you all have a great holiday and I look forward to seeing you at our networking meetings in 2008.

Our first meeting of 2008 will be our Annual General Meeting on the 22nd January at Lucy Cavendish. This will give everyone the opportunity to find out how Cambridge AWiSE runs, to make new contacts and eat cake!

And remember, you've got until 31st December to take advantage of our membership offer! Download a form from the web now!

Lucy
info@camawise.org.uk

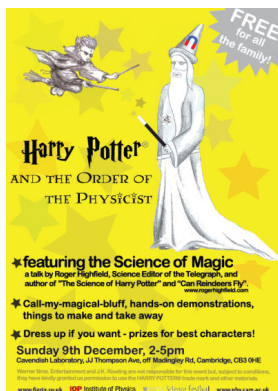
A Documentary Production and Training Initiative for Scientists and Filmmakers. Explore The Potential Of Science On Film. Have you got a great idea for a documentary exploring, or inspired by, the incredible world of biomedical science? This is your opportunity to make your film whilst learning from the UK's foremost broadcast professionals and biomedical scientists, with the **Documentary Filmmakers Group** and **Wellcome Trust's** groundbreaking initiative: **Science on Film**.

Researchers and filmmakers will work in partnership to produce a short film inspired by science. Films will be showcased on Channel 4's FourDocs. More info at: www.wellcome.ac.uk/broadcast/dfg

The deadline for applications to participate in Science on Film is Monday 10 December.

Events/Opportunities

Harry Potter and the Order of the Physicist



On **Sunday 9th December**, the East Anglia Branch of the Institute of Physics present 'Harry Potter and the Order of the Physicist'. First up is Roger Highfield, science editor of the Telegraph on the Science of Magic.

His talk is followed by hands-on activities and 'Call my Magical Bluff'.
2-5 pm, Cavendish Lab, JJ Thomson Ave.
<http://www-outreach.phy.cam.ac.uk/DecEvent/index.php>

Advert.

Programme Director: Certificate Programme in Genetics.

The Institute of Continuing Education wishes to appoint a Programme Director to support and develop the Certificate Programme in Genetics and associated part time Level 1 courses. Up to date knowledge of genetics and related research areas is essential, as is an enthusiasm to teach adults and to develop online learning tools. The position (0.3 of a full time post) is available from January 2008 until September 2009 on the University Lecturer scale.

Further information and an application form will be available from December 18th. Contact science@cont-ed.cam.ac.uk to discuss this opportunity informally. Closing date for applications is January 4th, interviews will be held on January 16th.

For course information see the eLearning web pages at www.cont-ed.cam.ac.uk/elearning/

News

European Platform of Women Scientists.



We are pleased to announce that Cambridge AWiSE has been accepted as an Associate Member of the EPWS.

The EPWS supports the work of a whole range of existing national, European and International networks of women from all disciplines. The platform also aims to make women scientists better understand the role they can play in the research policy debate. For more details and the latest newsletter, visit: <http://www.epws.org/index.php>

Flexible Working Rights to be Expanded.

In his first Queen's Speech, Gordon Brown announced that he intends extending the rights of parents to request flexible working to include those with children over 5 years old.

Pension Planning?

New data from the Aurora Women's Network shows too few women are saving for the future. If you would like to find out more about pension planning, come along to our meeting with Anne St.Ives on the 15th April.

Pathways to the Future: The Early Careers of Researchers in the UK.



The Council for Science and Technology have recently published proposals on how to make research a more attractive career option. Their recommendations include:

- establishment of a national framework for research careers showing how a career can progress in academia and in other sectors.
- funding for more fellowships allowing scientists to become independent earlier.
- having a better ways of hearing the concerns of researchers.
- assessment by funders and universities of the barriers preventing the exchange of researchers between academia, industry and the public sector.

More info: www2.cst.gov.uk/cst/news

The Sainsbury Review of Science and Innovation. The Race to the Top.

Lord Sainsbury's review, published in October, examines the role of science and innovation in ensuring the UK remains competitive in our increasingly globalised economy. Lord Sainsbury said: "The challenge is not to hide behind trade barriers or engage in a 'race to the bottom' but to invest in the future in

areas such as knowledge generation, innovation, education, re-training and technological infrastructure. We can be one of the winners in the 'race to the top' but only if we run fast". More details at: http://www.hm-treasury.gov.uk/independent_reviews/sainsbury_review/

Cambridge University Success.



Cambridge University has been voted as the best University in the Country and second best in the World in the latest university rankings from the Times Higher Education Supplement.

UNESCO Science, Technology and Gender. An International Report.

Gender discrimination practices truly limit the ability of many developing countries to grow and reduce poverty, so says the latest report by UNESCO. The report says that much talent is being wasted as girls turn away from Science and Technology careers and as women become discouraged by discriminatory treatment. Read the report summary at: http://www.unesco.org/science/psd/focus/focus07/gender_rep.shtml

Advert

Job Opportunities - The MathWorks

The MathWorks is the leading developer and supplier of technical computing software. They have vacancies for 3 Application Engineers.

Senior Applications Engineer, Technical Computing/ Finance

<http://www.mathworks.co.uk/company/jobs/opportunities/Job-6037-Sr.-Applications-Engineer,-Technical-Computing-and-Finance.html>

Senior Application Engineer, Signal Processing and Communications

<http://www.mathworks.co.uk/company/jobs/opportunities/Job-5737-Senior-Application-Engineer,-Signal-Processing-Comms.html>

Senior Applications Engineer, Control Systems Design

<http://www.mathworks.co.uk/company/jobs/opportunities/Job-6036-Senior-Applications-Engineer,-Control-Systems-Design.html>

Contact Gabriel Fahey: gfahey@mathworks.co.uk



Nominations for the Women of Outstanding Achievement in Science, Engineering and Technology Photographic Exhibition 2008 are now open. The closing date for entries is 20th Dec. More info at www.wooa.org.uk

WISE INSIGHT Research Project



The Women into Science, Engineering and Construction Campaign are looking for women who have attended an INSIGHT into Engineering Course. If one of these courses has made a positive impact on your life, please contact Rhona Clews at: rclews@wisecampaign.org.uk

Forthcoming Meetings

If you're a woman working in SET or thinking about returning to work in SET, why not come along to one of our events? If you're feeling a bit unsure about coming, [email](#) me first and I'll introduce you to some friendly people!

Cambridge AWiSE Annual General Meeting and Speed Networking Event.

Tuesday 22nd January 2008 20:00 - 22:00
Lucy Cavendish College, University of Cambridge

Come along and find out more about Cambridge AWiSE and use this speedy opportunity to get to know us all!

More details closer to the date.
To register, please [email](#) Cambridge AWiSE.

Includes tea, coffee, cake and Port.

Back on Track: Ways back into SET after a career break.

Tuesday 4th March 2008 12:15 - 13:45
Royal Society of Chemistry, Science Park

More details closer to the date.

A sandwich lunch will be provided from 12:15 (£4 members, £8 non-members, payable on the door) with talks starting at 12:45.

Careers in Science: Developing personal strengths to shape your career.

Dr. Melanie Lee, Dr Sabine Bahn, Dr. Ruth Cameron Celebrating International Women's Day and National Science Week. Joint Event with Lucy Cavendish College, University of Cambridge.

Tuesday 11th March 2008, 17:45 - 19:15.

In a knowledge based world, human capital is the most important factor. To create successful and innovative science we need to develop the personal strengths of scientists. Our speakers will explore their own careers and give an insight into how they have developed their own personal strengths and how they encourage this development in others.

Tickets are free but please register at

info@camawise.org.uk

A formal dinner will follow at Lucy Cavendish College at a cost of £30 per person. To book, email Lucy at info@camawise.org.uk

University of Cambridge Science Festival.

Saturday 15th March 2008 all day.
University of Cambridge

Cambridge AWiSE will be present at the Cambridge University Science Festival again in 2008. Come and meet some of the people working in science, engineering and technology around Cambridge, We will be entertaining young and old alike with our fun experiments and giving out information about Cambridge AWiSE. Want to be a role model to the children present? If you are a Cambridge AWiSE member and would like to help on the day (it's really fun!), please [email](#) us!

If you are attending the event, come and say hello!

MRC Women in Science Group

April 2008 12:15 - 13:45
Laboratory for Molecular Biology, Medical Research Council, Addenbrookes Hospital

More details closer to the date.

A sandwich lunch will be provided from 12:15 (£4 members, £8 non-members).

Money, Money, Money, must be funny! Financial planning on your career's meandering route. Anne St. Ives

Tuesday 15th April 2008 20:00 - 22:00.
Lucy Cavendish College, University of Cambridge.

More details closer to the date.

£4 members, £8 members, Includes tea, coffee, cake and Port.

We'll be adding new events shortly so keep checking www.camawise.org.uk/meetings for up-to-date information or email me at info@camawise.org.uk for further details.

Information

Interested in inspiring young children? The Science and Engineering Ambassador scheme is looking for individuals to offer their time, enthusiasm and expertise to help schools inspire young people to study STEM subjects. See www.stemnet.org.uk for details. This is a really good opportunity for women returners to update their CV and re-engage with science. Contact Dawn Fitt at Dawn@setpointcambs.org.uk for more info.



The SAW Trust (www.sawtrust.org) are also working in schools with scientists, artists and poets working together to inspire children and

break down the traditional barriers between the arts and sciences. They are based in Norwich but are developing contacts in Cambridgeshire. See their website for more information.



Jobshare UK launched on the 17th September with the aim of offering quality flexible working and job share opportunities across the SET sectors. The website: <http://www.jobshare-uk.com> includes a job board, a job share register to enable individuals to locate a job share partner and a large resource section.

Get Set Women Online Database of Women

The GetSETWomen database provides the media and other organisations with access to thousands of women, at various stages in their science, engineering and technology careers, who have registered their details and can be approached for promotional and work related opportunities. This may include speaking at events, acting as a role model, providing comment in scientific news coverage, or sitting on public boards and committees. This is a fantastic way of increasing your own visibility and learning new skills. For more information, visit: www.getsetwomen.org.uk

Earth Science Women's Network.

ESWN is a peer-mentoring network of women in the Earth Sciences, most of who are in the early stages of their careers. They have nearly 500 members spanning nine different countries and represent most major universities, government agencies, and research organisations in the U.S. and abroad. Visit their website at: www.sage.wisc.edu/eswn for more details.

And finally ...

Apparently curvy women may produce more intelligent children than thin women. However, disappointingly for those of us very well endowed up top, it's the waist to hip measurement that's important!

Happy Christmas!
Lucy.



Cambridge AWiSE events give you the opportunity meet other women in SET in your local area. Our members come from both academia and industry and from all different SET fields. Our meetings have specific themes but also provide the opportunity to network so why not come along and meet us!



MentorSET

Cambridge AWiSE is affiliated to the national MentorSET women's mentoring scheme and our members can join for free. MentorSET connects women in SET with independent mentors who can offer career based advice and guidance.

If you would like more information on mentoring, have a look on the mentoring page of our website and read our article (recently published in the Biochemist Magazine) and a recent article in Nature. If you would like to find out more about MentorSET, either as a mentor or a mentee, visit the MentorSET website at www.mentorset.org.uk/ or contact me at info@camawise.org.uk



Who are we?

Cambridge AWiSE is run by a voluntary Steering Group of 12 Women. Lucy Spokes is employed part time as the coordinator. If you would like to join the Steering Group and help set the direction of Cambridge AWiSE, please contact us.

Chair/Treasurer	Jenny Brookman	Molecular Genetics, University Teaching
Deputy Chair	Jackie Roberts	Engineering, Small Business Management
Secretary	Tennie Videler	Structural Biology, Post-Doctoral Researcher, MentorSET Coordinator
Email List Manager	Caroline Blackmun	Computer Science, IT Systems Management
	Suzanne Doyle-Morris	Coaching for Professional Women in SET
	Esther Haines	Physics, University Administration
	Lorraine Harte	Engineering, International IT Business, Mentor
	Jenny Koenig	Pharmacology, Education Consultancy
	Sophie Messenger	Biosciences
	Tanya Morton	Maths, Software, Management
	Diane Turner	Analytical Chemistry, Consulting Business
	Athena Wu	Stress Engineer, Aerospace Industry
Coordinator	Lucy Spokes	Environmental Chemistry, Administration

Contact Cambridge AWiSE

To join our email list and receive information on our meetings and events, send an email with **subscribe** as the subject to: ucam-awise-request@lists.cam.ac.uk

To contact us, email: info@camawise.org.uk

Membership costs just £20 per year for individuals, £5 for students.

www.camawise.org.uk