Welcome to the November 2015 LivWiSE Newsletter. We would particularly like to welcome our new members who have joined since September!

If you would no longer like to be on our mailing list, or you would like to contribute to the LivWiSE newsletter/Facebook/Twitter then please get in touch at livwise@liv.ac.uk.

- Science News Roundup
- LivWiSE News
- Women in STEMM News
- Upcoming Events
- Grants, Prizes
- Job vacancies

**Science News Roundup**

- New fossil finds from South Africa and Southern China shake up our human family tree
- Scientists demonstrate new semiconductor material for solar cell technology
- Health expert honoured for HIV research
- Viewpoint: Deep thrust earthquake in northern Afghanistan
- Rethinking the use of leading questions during criminal trials
- Health experts present evidence to the Health Select Committee
Game theory experts to analyse space debris removal

The test tube foals that could help ensure rare breed survival

Poisonous frogs more likely to face extinction, study finds

£3M to develop use of particle beams for cancer treatment

Possible new treatment for neurodegenerative diseases found

Body donation: a remarkable gift to society

Study indicates Earth’s inner core was formed 1–1.5bn years ago

New treatment for obesity developed

Liverpool launches ‘meet the scientist’ series at World Museum

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LivWiSE News

LivWiSE Annual Review 2014/15

2014/15 was another great year for LivWiSE with packed out events and more members than ever. Check out our review of the year infographic:

Great turnout at Fresher’s

Over 80 students and members of staff joined us at our first event of 2015/16.

The Welcome and Networking event was a great success and we hope those who attended met some new and interesting people.

LivWiSE Welcomes Denise Chilton

On the 23rd October, LivWiSE welcomed Denise Chilton, a business and life coach, who delivered a workshop on how to find your work/life balance.

Attended by a full house of female researchers and academics the workshops aims to help staff find that balance in their busy daily lives.
LivWiSE Shortlisted for a Celebrating Success Award

LivWiSE has been shortlisted in the ‘Good Practice in Diversity and Equality’ category at this year Celebrating Success Awards, the University of Liverpool’s annual staff awards.

The winner will be announced at the award ceremony in December.

Women in STEMM News

Veterinary team through to finals of Biotech YES competition

A team of postgraduate students from the University of Liverpool’s Institute of Infection and Global Health have made it through to the finals of a national enterprise competition, with an idea for a novel antimicrobial product that could reduce bacterial contamination in pig farms by 45%.

Read Article HERE

University physicist “highly commended” at Women of the Future Awards

A University physicist, Dr Laura Harkness-Brennan, short-listed in the Science category of the ‘Women of the Future Awards’ has been ‘highly commended’ for her work.

Read Article HERE

Researcher in the Spotlight on Dr Carrie Duckworth

This Physiology Blog profiles Dr Carrie Duckworth, a tenure track research fellow in Cellular and Molecular Physiology in the Institute of Translational Medicine. Her research focuses on the regulation of gastrointestinal architecture and the maintenance of gut homeostasis.

Read Article HERE
Professor Sus Wray is a Fellow of the Academy of Medical Sciences who works in the Department of Cellular and Molecular Physiology at the University of Liverpool. In this article Sue talks about her own career journey and her involvement in developing the new SUSTAIN programme of training and mentoring by the Academy of Medical Sciences to help female researchers in science.

Read Article HERE

Orthoptics researcher receives Exceptional Service Award

Dr Fiona Rowe, from the University’s Institute of Psychology, Health and Society, has been awarded an Exceptional Service Award from The British and Irish Orthoptic Society (BIOS) in recognition of her voluntary work in the field of Orthoptics.

Read Article HERE

Postcard: Dr Valentina Tamma at Bethlehem, USA

Dr Valentina Tamma, from the University's Department of Computer Science, visited Bethlehem, Pennsylvania, for two major events about semantics and semantic technologies. In this article Valentina shares with us her experience.

Read Article HERE

Athena SWAN silver award for IPHS

Congratulations to the Institute of Psychology, Health & Society (IPHS) which has been awarded a silver level award from Athena SWAN.

Read Article HERE

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Upcoming Events

Liverpool Science, Engineering & Technology Fair

Recruiters from Science, Engineering and Technological organisations will be present to promote their graduate opportunities, industrial placements, vacation placements and work experience opportunities to students and graduates.

- Wednesday, 4 November 2015 from 11:30 to 16:30
- Full Details and Booking HERE

Developing a Career in Teaching & Scholarship in Higher Education

Professor Judy Harris from the University of Bristol will talk about her career and her interest in the teaching and scholarship pathway. Most relevant for members for researchers and academics with an interest in teaching in HE.

- Wed, 4 Nov 2015 at 13:00
- Full Details and Booking HERE

`Dark Matter in the Universe'

- By Professor Katherine Freese, Director of the Nordic Institute for Theoretical Physics (Nordita, Stockholm).
- Thursday, 5th November 2015 from 17:00
- Full Details HERE, just turn up!

Leverhulme Artist in Residence - Arts and Sciences Forum

“Scientists and artists drawn from across the University and the City of Liverpool will each speak about the creative process involved in their own research.”

- Tuesday, 17 November 2015 from 14:00 to 16:00
- Full Details and Booking HERE

Hacking Children’s Health

You are invited to apply to participate in a unique event, “Hacking Children’s Health” at the Institute in the Park, the brand new centre for research, education and innovation at Alder Hey Children’s Hospital. Interest from engineers, coders, entrepreneurs, project managers, post graduates, NHS professionals, IT technicians, venture capitalists, industrial designers, practically anyone with skills to offer ins welcome.

- Wednesday, 18 November 2015 at 09:00 - Thursday, 19 November 2015 at 16:00
- Full Details and Booking HERE

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Meet the Scientists: "Body Works"

Don’t miss out these interactive, hands-on science days for all the family! Find out how our bodies work, from the tiniest of cells, to the complex puzzle of our skeleton and muscles.

- Saturday 21st November from 11:00 – 16:00
- World Museum, William Brown Street, Liverpool, L3 8EN

'Women, Like Men, Only Cheaper'; Exploring the Gender Pay Gap.

An event to explore the gender pay gap and other factors that may impact on women such as childcare costs, zero hours contracts and entrepreneurialism.

- Mon, 23 Nov 2015 at 18:00
- Full Details and Booking HERE

LivWiSE Annual Christmas Lecture

Returning for its second year, the LivWiSE Christmas Lecture will feature a series of science and engineering topics, delivered as short TED style talks, by female scientists and engineers. Confirmed speakers currently include:

✓ Dr Corina Constantinescu, Maths
✓ Dr Laura Harkness Brennan, Physics
✓ Rosti Hama Rashid, Engineering
✓ Dr Rachel Jeffreys, Earth Oceans & Ecological Sciences

- Thursday 3rd December 2015 from 17:30 to 19:00
- Full Details and Booking HERE
Grants, Scholarship and Prizes

Applications open for new fully funded healthcare diploma

The postgraduate diploma in Physician Associate Studies programme, which begins in February 2016, will be one of only three courses of its type in the North West.

Full Details HERE

British Airways Engineering Graduate Programme

“In an industry that's changing rapidly, we're looking for graduates with the natural adaptability to apply their talents in all kinds of different environments. Join our Engineering Programme and you'll be expected to master technical as well as business and managerial skills.”

Full Details HERE

Global Coding Competition

Only a die hard coding enthusiast will understand the joy of coding, it is a stress buster, passionate hobby and also a career interest for many of us .CodeVita is a world-class coding contest and we want everyone to leverage this platform to experience the joy of coding and compete with the best talent in the world. Chance to win $10,000 and a trip to India.

Full Details HERE

Rosalind Franklin Appathon

A national competition to develop an App to empower and recognise women as leaders in STEMM. Apply now http://www.rfappathon.org, deadline: 4th January 2016
Job Vacancies

There are a number of career opportunities currently being advertised at the University of Liverpool. A list of examples is below, for full details please visit the website.

PhD Studentships

http://www.liv.ac.uk/working/jobvacancies/currentvacancies/studentships/

Technicians

http://www.liv.ac.uk/working/jobvacancies/currentvacancies/technical/

Postdoctoral Researchers

- Statistical Cyber Security
- Agri-food Resilience
- Photochemical ALD to Manufacture Functional Thin Films
- Parasite Genomics

http://www.liv.ac.uk/working/jobvacancies/currentvacancies/research/

Academics

- Lecturer in Psychology
- Lecturer in Small Animal Surgery
- Senior Lecturer (Clinical) in Obstetrics

http://www.liv.ac.uk/working/jobvacancies/currentvacancies/academic/

Professors and Heads of Departments

- N8 Chair in Livestock Health and Production
- Head of Institute of Psychology, Health and Society
- Chair in Automated Formulation - Materials Innovation Factory

http://www.liv.ac.uk/working/jobvacancies/currentvacancies/professorial/

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