This CHALLENGE brings SUCCESS one step CLOSER
PhD newsletter is to report PhD student activities and achievements, which cover
Thesis submissions and PhD completions,
Journal paper publications,
Conference presentations,
Awards,
Societal engagements,
Anything you consider of importance to other colleagues
Please report those items to:
Jack Carter-Hallam (jch@liv.ac.uk).
**Thesis submissions and PhD completions**

**Alia Ruzanna Aziz** (Supervisors: Guan and Cantwell) passed her PhD viva with minor modifications on the 12th October. Thesis was entitled ‘The Energy-absorbing Characteristics of Novel Tube-reinforced Sandwich Structures’

**Neale Davies** (Supervisors: Short and Johnson) passed his PhD viva with minor modifications on the 29th September. Thesis was entitled ‘Novel, Induced-Flow, Centrifugal Water Pumping System for Off-Grid Application’

**Marco De Angelis** (Supervisors: Beer and Patelli) passed his PhD viva with minor modifications on the 28th September. Thesis was entitled ‘Efficient random set uncertainty quantification by means of advanced sampling techniques’

**Liam Comerford** (Supervisors: Beer and Kougioumtzoglou) passed his PhD viva with minor modifications on the 25th September. Thesis was entitled ‘Artificial neural network approaches and compressive sensing techniques for stochastic process estimation and simulation subject to incomplete data’

**Amir Nobari** (Supervisors: Ouyang and Beer) passed his PhD viva with minor modifications on the 22nd October. Thesis was entitled ‘Uncertainty quantification of brake squeal instability via surrogate modelling’

**New PhD Starters (October 2015)**

1. **George Fleming**: Antimicrobial surfaces for wound healing applications  
   - Rachelle D’Sa
2. **Ahmed Kazaili**: Biomechanics of keratoconic corneas - Riaz Akhtar
3. **Yifan Yang**: Advanced modelling and simulation in modern hydrodynamics - Jian Zhou
4. **Dong Zhou**: Microstructure based numerical model of the human ocular globe  
   - Ahmed Elsheikh
5. **Rodrigo Magaña Carranza**: Determination of residual stresses in components manufactured using selective laser melting - Chris Sutcliffe
6. **Yue Zhang**: Mechanical properties of metal matiz syntactic foams - Yuyuan Zhao
7. **Yiqiang Fu**: Control of nonlinear friction induced vibration - Huajiang Ouyang
Safety for Research Students

The next safety for research student’s talk will be on Wednesday 4th November at 2.00pm in the Management School. Please see attached flyer for further information.

Seminars

All seminars will start at 1.00pm in the Mason Bibby Common Room unless stated:

11th November  Rob Poole: Obtaining an academic position; some personal experience and suggestions (seminar to support PGR and PDRAs)
25th November  Edoardo Patelli: A collaborative project for dealing with risk and uncertainty

Claire House Coffee Morning

Next Monday (2nd November) Liverpool Engineers Student Society are turning the Engineering School’s Foyer into a café for you to enjoy all sorts of goodies from tea, coffee, juice, cakes, biscuits, brownies, sandwiches and all sorts of treats! All the proceeds will be donated to Claire House Children’s Hospice to help with all the amazing work they do.

If you want to donate any cakes or treats to the event it would be so greatly appreciated, please email meganmaystammers@hotmail.co.uk to let her know.

Student Handbooks

The School of Engineering Handbook for PGR Students can be found here:

The more general handbook for students across the University can be found here:
https://www.liv.ac.uk/student-administration/research/pgr-handbook/
OneStart Bio-Entrepreneurship Programme for Students

Win £100k to realise your healthcare business idea! Applications are open NOW

Do you have an innovative idea that could tackle humanity's most pressing healthcare needs?

We are pleased to announce the launch of OneStart 2016, the world's largest life sciences and healthcare accelerator programme. Offering young entrepreneurs the chance to win £100k, free lab space and on-going advice from our extensive mentor network drawn from McKinsey & Co., Johnson & Johnson Innovation, GlaxoSmithKline, AstraZeneca, SR One, Takeda Ventures and more. Many of our graduates have been successful in securing follow-on investment, our alumni raising over £20 million combined!

There is no cost to apply, and applications are open now until 1st Dec, 2015. Learn more at onestart.co today and start building your winning team.

Who should participate?
Anyone under 36 years old interested in healthcare entrepreneurship. We welcome applicants from all disciplines and ideas at all stages of development - from a simple idea to a startup with ample data. Moreover we encourage applicants to recruit other scientists, engineers, business students, lawyers, and anyone else with talent and motivation to join your team. Have a fantastic idea but no co-founders; why not assemble your team through our co-founder hub, connecting innovators across the globe.

How does it work?
Again, there is no cost to apply. Applications are reviewed in Dec 2015 and 35 semi-finalist teams are selected to attend a two-day Biotech Bootcamp based in London on 5th and 6th Feb 2016. Consisting of workshops and networking opportunities with our mentors and partners. Each team also receives 1-on-1 mentorship from our industry experts over 7 weeks. The programme ends with the Finals Gala, at which 10 exceptional finalist teams compete for the grand prize.
Who will you be working with?  
You’ll be directly interacting with experts across healthcare and life sciences drawn from pharma, biotech, venture capital, management consulting and more.

If you have any further questions feel free to get in touch via jess@oxbridgebiotech.com or reach us through our dedicated discussion forum.

What are you waiting for? Visit onestart.co today. Applications are open NOW.

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PGR Development Team Blog

The PGR Development team have a blog which you can subscribe to; you can find the blog here: http://pgrnews.liverpool.ac.uk/

The PGR development team run lots of courses that help you develop as a researcher and to help your future career, news of these courses are normally posted on the blog first.

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Liverpool Doctoral College Intranet Site

The Liverpool Doctoral College intranet site is now live, it can be found here: https://www.liv.ac.uk/intranet/doctoral-college/

This site will show you all possible training opportunities across the University.