

Welcome to the latest edition of Simulation News. This newsletter is a place to celebrate the accomplishments made through simulation training and human factors at Brighton & Sussex University Hospitals NHS Trust (BSUH) as well as raise awareness of what is happening in the local area.

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This newsletter is brought to you by the **Faculty of Simulation & Human Factors** at BSUH NHS Trust

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Welcome to the BSUH Simulation Fellows



We are very pleased to welcome our first group of clinical fellows appointed to provide a mix of ward cover and medical education with an emphasis on simulation and human factors. Our new fellows are Dr Hannah Wilkinson, Dr Tony Fung, Dr Simon Tavabie and Dr Josh Rubenstein. The fellows joined in early August and as part of their induction met with Dr Elkins and Dr Munro who outlined the sort of work they will be doing and encouraged them to start thinking about individual projects during their time here.

Meet the fellows

Dr Josh Rubenstein



I'm an SHO currently working at the Sussex Rehabilitation Centre at the Princess Royal Hospital. I trained in East London, but have become a fan of Brighton since I moved here a year ago. I've worked in a few different specialties in my career so far, but more recently I've been focused on general medicine.

I will be involved in facilitating some of BSUH's established simulation and human factors projects. I'm also organising some new ones: as well as helping Dr Elkins set up a communication skills workshop for candidates taking the MRCP PACES exam, I'm in the process of organising simulation specifically for the Trust's core medical trainees.

If you have any ideas for simulation projects then please don't hesitate to get in touch with me on my Trust email address Joshua.Rubenstein@bsuh.nhs.uk

Dr Hannah Wilkinson



In my role so far I have been able to attend the ICU simulation and am getting involved with in situ simulations. I have assisted with the simulations of BSMS final year medical students and nursing students in the PRH. I am interested in the outcome of simulation and the how it changes ones clinical practice. I am keen to set up a course of simulations aimed at medical students in the run up to their finals at the PRH. I have also attended the HF course and am keen to further my experience in this by assisting with the delivery of future courses.

Hannah.Wilkinson@bsuh.nhs.uk

Dr Tony Fung



I am currently working on a simulation project with Dr Stanley (Neuro anaesthetic consultant) looking into the effectiveness of simulation courses on knowledge retention in the long term. In a separate project, we are also looking into the characteristics of an expert and how simulation can be used to discern if someone has these characteristics.

Anthony.Fung@bsuh.nhs.uk

Dr Simon Tavabie



I am developing a simulation course eventually aimed at developing multi-disciplinary non-technical skills in the management of deteriorating patients on the wards, hoping to engage my colleagues in the MDT over the coming months. I have also started work with one of the acute medical consultants looking at patient experience on ward rounds in medicine and will be conducting some original research looking at methods to improve this over the next 12 months.

My particular area of interest is in the application of what we know of the human factors influencing care and am studying for my post-graduate certificate in medical education at Brighton and Sussex Medical school to better help me understand how best to go about disseminating this. I look forward to meeting you all!

Simon.Tavabie@bsuh.nhs.uk

INR simulation days at BSUH

The Trust is actively recruiting European & International Nurses and is set to achieve 200 new recruits by Christmas. During the induction period the latter groups have attended the simulation suite at Princess Royal Hospital for a full day's training.

This safe learning environment allows the groups to develop a massive array of skills including talking on the telephone, making emergency calls, sharing bad news, talking to relatives, handing over to multi-professionals and caring for patients with a variety of stimulated illnesses and disease processes via the use of manikins or staff members. The acting ability of some staff is amazing especially when role playing the unwell adult.

The recruits are divided in smaller groups some observe the scenario and respond to phone calls from those in the clinical scenario area via the one way mirror, others are allocated roles within the set scenarios and the remaining take notes to debrief after the session. Once into the scenario all nerves are gone this safe learning experience allows the use of Trust & National guidance/protocols to be discussed i.e. Sepsis 6 & National Early Warning Score these are further discussed in the debrief time after the scenario.

Many recruits have not experienced this type of simulated learning before and always want more hence simulation training now plays a key role within the induction programme.

Overall comments included:

'Just like the real thing'

'So real, learnt so much'

'More, more, more please'

Who to contact

Please contact Linda Gilmour for further details at Linda.Gilmour@bsuh.nhs.uk

Resuscitation Services Department Simulation

The Resuscitation Services Department at BSUH NHS Trust have been working hard to bring simulation to the wards and engage with a range of front line health care staff. Some of the activities the team have been involved with are:

- Supporting the SimFacT course
- CA simulations with cardiac arrest team after 09.00 getting to know you meeting
- CA simulation with AMU staff
- Paediatric Simulations in-Situ at RACH
- Paediatric/New-born simulations at PRH ED

To find out more please contact Colin Elding, Resuscitation Services Manager at Colin.Elding@bsuh.nhs.uk

In-Situ Simulation Training

Sussex Kidney Unit

On the 12th August an exciting simulation training event took place on the Sussex Kidney Unit at the RSCH. Dr Ella Sherman, Dr Cassie Lawn, Dr Hannah Wilkinson and Mr Tim Chatten visited the Unit to run an in-situ simulation scenario in a ward environment. There were only a handful of people aware that this was about to take place which made the 'call for help' as realistic as it could be.



Further renal simulations will be continued under the leadership of Dr Kingdom and will highlight the management of acute renal injury in clinical areas other than the renal department.

In situ simulation continues to expand slowly at the Royal Sussex County Hospital. This work is part of the in-situ simulation programme that Dr Lawn is heading up and there are plans to run similar events in a range of department around the trust.

Hurstwood Park (HWP) Theatres



On the 16th October there was an in-situ theatre simulation scenario at Hurstwood Park. The theatre based simulation scenario formed part of the activities for the HEKSS regional core surgical simulation day.

Mr Hamdan Consultant Surgeon at BSUH lead the day with support from the surgical faculty and Tim Chatten (pictured). As well as core surgical trainees, there were members of the PRH theatre staff involved as well as Dr Stanley and Sarah Goodhew to help add realism to the scenario and provide some input on team working, communication and human factors in a surgical setting.

This is the first time the core surgical faculty have used the Hurstwood Park theatres for a simulation scenario and we are hoping to build on this experience to assist trainees and theatre teams in the future.

For details of upcoming simulation and human factors training courses at BSUH NHS Trust please visit BrightonSimulation.org.uk

Courses include:

BleepSim – On call simulations for final year medical students

BLISS – Basic Laparoscopic Skills for Students

Full Immersion Simulation in Dementia-related Illness

Human Factors Workshops

MaRiMeH: Managing Risk in Mental Health

MEPA-FC

MEPA-T

SEPTS – Skills enhancement programme for theatre staff

SimFact - Simulation Facilitator Training Course (Basic and Advanced levels available)

SLAMME – Sussex Leading and Managing Maternal Medical Emergencies

StrokeSim – Acute Stroke Simulations for the multidisciplinary team

SurgiPrep

TacSim – Tactile Simulation in Intimate Examinations



ASPiH Association for Simulated Practice in Healthcare

We are very excited to welcome ASPiH to Brighton this year for the 6th national conference for all things Simulation! Amit Mishra and Wesley Scott-Smith are part of the organising committee.

Dates for the conference are 3rd November to 5th November. Please visit the ASPiH website for full details and to book places <http://www.aspih.org.uk/events/aspih-annual-conference-2015/>

The Sussex Simulation Hub

promoting Technology Enhanced Learning in the South East

Following a successful run-through of the first two modules of the 'PG Cert in Simulation in Clinical Practice, we have now finalised dates for the next iterations of each module.

There are currently a limited number of funded places remaining issued on a 'first come, first served' basis for those wishing to attend one or both modules. Once these have been allocated, the usual BSMS module fee of £750 will apply.

Module	Course Dates		
Principles and Practice of Simulation	16 th – 20 th November 2015		
	THEN		
Feedback and Debriefing in Simulation	11 th - 13 th January & 5 th April 2016	OR	23 rd – 25 th May & 12 th July 2016

Whilst the PG Cert course is going through the final phases of validation, prospective attendees can apply for one or both of these modules purely on a CPD basis. However, we envisage full validation to be granted by the summer, prior to the Principles and Practice of Simulation Module to be delivered in June. Therefore, those who undertake both modules, along with a third module (likely to be Research Methods and Critical Appraisal or Teaching and Learning in Medical Education) and successfully complete the relative assessments will be awarded a PG Cert in Simulation in Clinical Practice.

For further information regarding the above modules, or for any other information regarding the Sussex Simulation Hub, please visit our website <http://blogs.brighton.ac.uk/simulationhub/> or contact a.collins@bsms.ac.uk.

Would you like to share some news about the simulation activities taking place in your department? If so please get in touch with Timothy Chatten by email at Timothy.Chatten@bsuh.nhs.uk

If you would like to get simulation training running in your area or are just interested to find out more please feel free to contact the Faculty of Simulation and Human Factors.

Faculty of Simulation and Human Factors at BSUH NHS Trust – Our contact details

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