

Summer Vacation Studentship 2016

The King’s Health Partners faculty of healthcare improvement is pleased to launch the 2016 summer studentships. They will support students up to £250 per week for up to four weeks.

This opportunity provides invaluable experience of working with patient safety quality improvement projects and should be of interest to any student who wishes to develop their health profession career in areas related to patient safety and quality improvement within the university and NHS sectors.

Interested students are encouraged to regularly visit the King’s Health Partners website to view available projects.

Please fill in the fields below and send the form to educationacademy@kcl.ac.uk Students will be able to see the project entry on the King’s Health Partners website (www.kingshealthpartners.org).

Students will be allocated to projects on a first come first served basis.

Thank you for supporting the King’s Health Partners faculty of healthcare improvement summer vacation studentships.

Title	Evelina London Children's Hospital Paediatric Early Warning System: Pilot data for Audit and Prospective evaluation
Background	<p>Paediatric Early Warning System standardises the recognition of deterioration and reduces errors in interpretation. Since August 2015, a new improved PEWS, based on the Australian “Between the flags” system, has been implemented across all inpatient areas (except PICU and NICU) in the Evelina London Children's Hospital (ELCH) It is supported by improved communication systems using Situation Background Assessment Recommendation (SBAR). PEWS is currently being developed to be incorporated into E-noting systems, and expected to go live in October 2016.</p> <p>We have already seen a significant reduction in the proportion of unplanned admissions to paediatric intensive care (PICU) who were assessed NOT to have been recognised/escalated in a timely and appropriate fashion in the preceding minutes and hours - outcomes which have led to the project being a shortlisted finalist for the National Patient Safety Congress annual awards.</p> <p>This project will explore some broader process outcomes, as well as gather pilot data for the first stage of a formal research evaluation for the Evelina PEWS.</p>

Aims of the project	To assess current practice in escalation of care for patients as triggered by Evelina PEWS To assess the accuracy of Evelina PEWS in predicting adverse outcomes for paediatric inpatients			
Objectives (e.g. Assess prevalence of smoking in medical school and submit for publication based on success of project)	<ol style="list-style-type: none"> 1. Audit of PEWS escalation practice to inform educational / training quality improvement project 2. Assess predictive ability of PEWS in paediatric inpatients who suffer an adverse event (PICU admission, unexpected cardiorespiratory arrest or death) - to provide pilot data for formal research evaluation 			
Skills to be acquired (e.g. Data analysis, ELISA, PCR, Literature review, etc.)	Clinical audit Evaluation design, data collection and analysis Quality improvement methodology			
Project Type (Please mark with "X")	Audit (X)	Lab based ()	Review ()	Other (X)
Start Date and expected duration of the project	June/July 2016 - to complete by mid August 4 weeks			
Project Description and Supervisor Contact Details	<p>The student will be supported to:</p> <ol style="list-style-type: none"> 1. Design and perform a retrospective notes review to assess the accuracy of staff in recognising deteriorating children and activating the care escalation protocol. 2. Analyse and interpret audit data to inform quality improvement strategy to improve processes of escalation based on Evelina PEWS 3. Assess paediatric inpatients who undergo an adverse event (PICU admission, unexpected cardiorespiratory arrest or death), to review the accuracy of PEWS in anticipating imminent onset of deterioration 4. Analyse and interpret these pilot data to inform fuller research protocol for formal validation of Evelina PEWS <p>This project will be supervised by Dr Ronny Cheung, Consultant General Paediatrician. This project will be part of the Evelina's Acutely Deteriorating Child workstream, which has been shortlisted for a 2016 National Patient Safety Congress Award for Patient Safety in Acute Care.</p>			