



Time: 10:00 am, 29 May 2018 (Tue)

Venue: Room 215, William M.W. Mong Engineering Building, CUHK

## Transforming Engineering Education



**Dr. Jennifer GRIFFITHS**

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UCL Arena Centre for Research-based  
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### **Abstract**

UCL is a large multi-disciplinary research-intensive university in the centre of London, with over 11,000 staff and 38,000 students from 150 different countries. It was ranked first in the UK for research strength in REF2014 and is 7th in the QS World Rankings.

In 2014, the UCL Engineering Faculty launched its Integrated Engineering Programme framework to address industry concerns about skills gaps amongst graduates. Over 700 undergraduates enter the IEP each year to study a research-based curriculum that aims to develop their interdisciplinary, teamwork and practical skills alongside ensuring that they have the core knowledge to succeed in their disciplines.

This seminar will discuss the development principles of the IEP, give an overview of how it has engaged our students and industrial stakeholders, and discuss how giving our staff the opportunity to develop research-based education has inspired them in their own development as educators and scholars.

### **Biography**

Dr Jennifer Griffiths is a Principal Teaching Fellow (Associate Professor) in the UCL Arena Centre for Research-based Education. She is leading institution-wide Assessment and Feedback initiatives that translate the core principles of research-based education into tangible practice across the institution. Prior to this, she was Director of Postgraduate Taught Programme Transformation within the UCL Faculty of Engineering Sciences, overseeing the development of Masters teaching for over 1500 postgraduate students per year. She also taught Biomedical Engineering students in the IEP.

Before moving into the Arena centre, Jenny's disciplinary home was Medical Physics & Biomedical Engineering; she has a PhD in Medical Radiation Physics and a research track-record in the development of x-ray imaging and analysis tools for medicine, industry and heritage science. Her education research interests are in postgraduate student experience and education, and implementation of authentic assessment within a research-intensive academic setting.

**\*\*\* ALL ARE WELCOME \*\*\***

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