



Scarlett Xiao
Principal Lecturer, School of Engineering and Technology

Scarlett joined the University of Hertfordshire in September 2001. She brought in subject expertise which was much needed for the new programmes of the School. Her experience has grown with her contributions to the School in the areas of learning and teaching innovations in engineering education as well as developing strong networks within the wider higher education community.

Scarlett was awarded a number of learning and teaching grants nationally funded by the Royal Academy of Engineering, JISC and Higher Education Academy. These projects focused on the areas of:

- Capturing Work Experience and Enhancing Employability for Engineering Students
- Re-engineering Assessment for Engineering Education
- Open Educational Resources in Engineering
- Peer Assisted Learning using Advance Web Technologies, etc.

In recognition of her achievement in learning and teaching, the Faculty of Engineering and Information Sciences (EIS) appointed her to chair the Faculty Learning and Teaching Committee in February 2007. With the leadership and management responsibilities of this role, Scarlett led the formulation of the EIS learning and teaching strategy and the faculty learning and teaching action plan. She also chaired the development of the EIS model for employability skills assessment, which was recognised by the University as a leading development among other faculties in supporting academic schools to achieve the university strategic target in student work experience and employability.

With her track record and active contributions in engineering education, Scarlett was awarded a highly commended Vice-Chancellor's Award for enhancing the quality of the student experience and the success of our graduates in July 2009. Furthermore her case studies on Re-engineering Assessment for Engineering Education and Capturing Work Experience and Enhancing Employability for Engineering Students were published by the Royal Academy of Engineering and the 1st High Education Academy STEM Conference in April 2012 as pioneering exemplars promoted across the HE sector.

In addition to learning and teaching, Scarlett has also developed her profile of income generation through the short course provision. She successfully organised Summer School for overseas partner institutions in the past eight years. Building on the success of the programme, overseas partners have strong willingness and commitment to this short course in the long-term which makes this project sustainable.

Scarlett enjoys teaching and continues to demonstrate her motivation and professionalism through her practice.