

# The University of Queensland Higher Education Academy Fellowship

## ASSOCIATE PROFESSOR GWEN LAWRIE

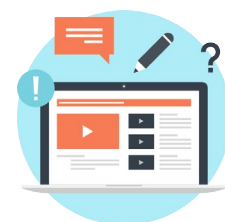
“ The HEA Senior Fellowship is very special to me because it is endorsement, by my peers, that the evidence of my teaching practices and student learning outcomes has had impact beyond my ‘classrooms’ and represents both leadership and education research. ”

Director, First Year Chemistry Curriculum and Assessment  
School of Chemistry and Molecular Biosciences  
Faculty of Science



### My favourite teaching tools

- Online resources to support visualisation of chemistry concepts (simulations, animations and videos)
- In class use of the visualiser to support active learning
- Lecture demonstrations to engage students



### Programs

- Interdisciplinary Scenario Inquiry Tasks (ISITs)
- Enhancing the secondary tertiary transition through formative assessment and self-regulated learning (IAMMIC)
- Supporting academics to implement undergraduate research experiences in science (ALURE)
- Capturing chemistry tertiary pedagogical content knowledge to support new chemistry academics (PCK)
- First Year Chemistry Program Curriculum Renewal



### Expertise

General & physical chemistry  
Chemistry education research & practice  
Large class T&L  
Technology enhanced T&L  
Small group collaborative learning

### Memorable teaching moment

I don't have a single memorable teaching moment - I have lots of small treasured moments. For example, when a room of 300+ students gasp as they see evidence of a chemical change through a demonstration or video; or when a group of students come to see me after a lecture because they are curious to find out more about what they just learnt. A moment I always value is when a student tells me that the way I present and explain concepts has made a difference to the way they think about them.

