

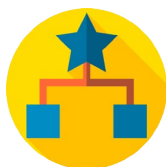
# The University of Queensland Higher Education Academy Fellowship

## ASSOCIATE PROFESSOR TIM MCINTYRE

“ While providing me with formal recognition of my contributions to teaching and learning at UQ, the HEA Senior Fellowship motivates me to continue to explore new and innovative approaches to teaching. The application process helped me clarify in my own mind what I am aiming to achieve in my teaching, and the interaction with colleagues was very beneficial in furthering my skills as a teacher. ”



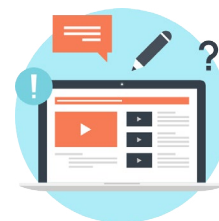
School of Mathematics and Physics  
Faculty of Science



**Expertise**  
Physics

### My favourite teaching tools

- Online simulations
- Clickers
- Laboratory experiments



### Programs

- Five Minute Physics Project
- Interactive Simulations for On-line Learning
- Physics Major in Bachelor of Advanced Science
- Inquiry-based Laboratory Development
- Teaching Physics using Virtual Reality

### Memorable teaching moment

I'm always inspired by seeing my students achieve that 'lightbulb' moment – understanding a concept that they've been grappling with or being able to solve a particularly difficult problem.

This can happen when working with small groups discussing concepts on a whiteboard but it is also a pleasure to see a student reason their way through a tough problem in an exam. Hearing back from students as they progress further through their studies is also a highlight of the work that I do.

