

why come to Queen's? student profile



Hyunseok Jeong
A third (final) year
Physics PhD
student from Korea

Tell us more about your research area.

I specialise in quantum computation and quantum information theory. The aim of my research is to develop a completely new type of computer governed by quantum theory and to explore information theory in view of quantum theory.

What attracted you to this field?

I've been fascinated by quantum theory since I first gained experience of quantum physics in my undergraduate study. Quantum computation and quantum information theory are expected to revolutionise future technology - and there are lots of challenging and unsolved problems in this emerging field.

Which resources or facilities at Queen's did you find most helpful in your studies?

The Electronic Library was very helpful. I could search out almost all the journal papers I need from my office. Computing facilities were also helpful for my numerical work.

What do you feel to be the best aspect of the quality of teaching or of research at the University?

There are lots of seminars by prominent researchers, both from Queen's and from other Universities. These are of high quality and are helpful in following recent 'hot' research topics.

Where have you lived during your time at Queen's?

I've lived in private rented accommodation because I brought my wife to Belfast. My first daughter was born here in the last year.

What do you enjoy most about Queen's?

My workplace is the David Bates Building and there is a beautiful park (Botanic Gardens) just by the building. I enjoyed walking down a well-shaded street with green trees and fresh air.

Would you recommend Queen's to other students, and why?

I would highly recommend Queen's to other students. Queen's is of high quality in many research fields including natural and applied science. Furthermore, Belfast is a very nice place to live.

I'm finishing my course here soon and going to start my research career in Australia. I am sure that the knowledge and experience I obtained at Queen's will be very helpful to my future research. I sincerely thank God and thank all my friends whom I've met in Belfast.