

Anthony Riseley

○ PhD student at:

- ◆ University of Cambridge, UK

Nationality:

New Zealander

Main supervisor:

Prof. Chris Howe



○ Educational background:

- ◆ Bachelor of Applied Science Majoring in Molecular Biotechnology with First Class Honours (University of Otago)

○ Research and work experience:

- ◆ Honour Research (2012): Involved the study of cyanobacterium *Synechocystis* sp. PCC 6803. In particular, I studied a putative central regulator known as the Hik operon through mutant knockouts and growth studies.
- ◆ Summer Studentship (2012/2013): My research aim was to identify transcription factors involved in regulating key promoters in starch synthesis and degradation in the model (starch) plant *Pisum sativum* (Pea). This involved the use of *Nicotiana benthamiana* where the leaves are transiently infected with an archive of cloned *Agrobacterium*.
- ◆ Summer Studentship (2011/2012): Introducing cyanobacterial CO₂ transporters into the model organism *Arabidopsis thaliana* for the purpose of increasing photosynthetic yield of C3 plants such as rice and wheat.

○ Personal interests / hobbies:

- ◆ Prior to studying molecular biology I was an Aircraft Technician in the Royal New Zealand Air Force.
- ◆ I had a part-time job at university performing circus arts as well as working as a stage manager for festivals, corporate functions, ceremonies and concerts. I am proficient at playing with fire, stilt-walking and statues etc. More information at www.highlyflammable.co.nz
- ◆ Co-founder of New Zealand's youth-led Biotechnology Communication Organisation

– nextGENz (www.nextgenz.org)

Funded by the European Union

