

## **Early Career Researcher Video**

**Vision:** Monash University Logo

Dr Travis Beddoe - 2007 Recipient of the Vice-Chancellor's Award for Excellence in Research by Early Career Researchers

**Travis Beddoe:** How I felt about winning the award for the Vice-Chancellor's award was, it was a great honour and it came as a bit of a surprise to me initially. It was a great recognition for all of the hard work that I have put in.

The prize will enable me to travel overseas and to national meetings to present my work to the scientific community.

My research is directed at trying to solve the three dimensional structure of proteins involved with infectious diseases.

The aim is to build up what they look like. The shape of the molecule. Once we know the shape of the molecule, we can design rational drugs to it.

**Description:** 3D image of a protein.

**Travis Beddoe:** Some of the outcomes of my research so far have been the structural determination of an ecoli toxin, which is a food borne disease, which has serious consequences for the young and older people.

The effect of my research on the community will be benefits in designing new therapeutics in infectious diseases that are multi-resistant drugs already, meaning that people who are infected with multi-drug resistant tuberculosis will be able to survive.

What I'd like to achieve in my research career is to eventually develop therapeutics against infectious diseases which affect Third World developing countries.

Monash is a good place for Early Career Researchers in that they encourage you to achieve your best, there's a lot of mentorship from the senior researchers in the department and Monash has set up specific schemes to support you and your research.

Monash University logo

Monash Research Office

+61 3 9905 3102

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