



UNIVERSITY OF TASMANIA



FACULTY OF SCIENCE,
ENGINEERING & TECHNOLOGY

School of
Agricultural Science



Grains
Research &
Development
Corporation



Science Scholarship - Primary Industry 2009-2010.

The Primary Industry Centre for Science Education (PICSE) is a national program that aims to connect tertiary bound science students with primary industry scientists, research scientists, university students and exciting career paths.

Practical activities experienced during the Industry Placement Scholarship program will focus particularly on the sciences underpinning agriculture, with the goal of illustrating a range of rewarding scientific career paths available in the primary industries.

Employment prospects are excellent with a current situation where demand for graduates far exceeds supply. The future looks very exciting for agricultural scientists as we prepare to face the challenges of food security for a rapidly growing world population, adaptation of crops and farming systems in response to a changing climate, protection of the environment, water management and the production of high quality and safe foods.

This program will encourage students to establish career paths in these areas by exposing them to the importance of the science underpinning all aspects of primary Industry.

Details of the Program:

The Scholarship consists of a free five day Residential Camp and five days of Industry Placement.

- The residential camp (free to selected applicants) will be in the week 7th – 11th December 2009 (inclusive) at Camp Clayton, NW Tasmania. The program is an action packed orientation and introduction for industry placements in January 2009.
- Industry placement is for a one week period during January 2010, with each participant working with scientists from a specified Primary Industry or Research Institution that targets cutting edge science in agriculture.
- Placements are available to Year 11 and 12 students with appropriate courses of study to gain entry qualifications for University of Tasmania Science courses. The placement is accompanied by a **\$300** Scholarship for the participating students following successful completion of the program.
- The Program is organised and funded in a partnership between the School of Agricultural Science, the Grains Research & Development Corporation (GRDC) and the Federal Government.
- After short listing and interviewing, up to twenty applicants will be selected for camp in December from Tasmania, as well as an Industry Placement during the summer vacation in January 2010.

How can the Industry Placement Program benefit a Year 11/12 Science Student?

- By experiencing “real life” situations, students will gain a much broader perspective of the huge range of career opportunities available, perhaps in areas they had not previously considered.
- Students gain a much better appreciation of the importance of science and industry to our community.
- The participating industry groups and mentors gain a carefully selected, highly motivated young person to work for a week in the summer period. They have the advantage of getting to know a potential future employee and introducing them to their industry.
- The University strengthens its commitment to Primary Industry through working closely with industry partners across the State. Through this program, in depth advice can be provided about scientific career options and links can be identified between particular University courses and scholarship and employment opportunities.

The Selection Process:

- Completed applications to be received by Anna Paice **one week after this visit to your class.**
- Short listing of applicants will take place on the basis of information supplied.
- Interviews for short listed applicants will be arranged.
- Successful applicants notified by phone or email.
- All applicants notified of results by mail.

Your Commitment:

Residential Camp (Free) see <http://www.campclayton.org.au>

A week residential camp from Monday 7th December to Friday 11th December at Camp Clayton.

Industry Placement:

The University will organise a one week (i.e. 5 working days) placement at a mutually convenient time in January 2010. This is well before the start of Semester 1 at the University of Tasmania or the start of the 2010 school term.

Brief Written Report (2 pages):

To be provided to Anna Paice 3 days prior to the Reporting Back Session.

Reporting Back Session for Student, Parents and Industry Representatives: Late January 2010 (TBC).

An individual, 3 minute verbal presentation highlighting your experiences will be a requirement of accepting the scholarship. Presentations will be facilitated via video conference between the Cradle Coast, Launceston and Hobart University campuses.

Interested? – What you need to do:

Complete an application form and **post one week after this visit to your class**, to

Anna Paice,
School of Agricultural Science,
University of Tasmania
Private Bag 54,
Hobart, Tasmania, 7001

Phone: (03) 6226 2668
Mobile: 0419 988 508
Fax: (03) 6226 2642
Email: Anna.Paice@utas.edu.au



11. If selected, in which parts of the State are you able to work (i.e. where you have your own accommodation and transport)? Tick one or more boxes:

Burnie area:

Devonport area:

Launceston area:

Hobart area:

Other.....

12. List the Universities and courses you have applied for or intend to apply for, in order of preference (and for Year 11 students, those you are interested in applying for):

Universities

State

Courses: (e.g. B. Sc, B. Ag Sc, Medicine)

a).....

b).....

c).....

13. Think back to the science that you have been taught during Year 11 or Year 12. Give an example of some aspects of this science that could be used in any of Tasmania's Primary (Agricultural) Industries (e.g. the Wine, Poppy, Dairy, Beer, Vegetable or Livestock Industries)?

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14. Identify two worldwide challenges that face your generation and list the science(s) that will help to solve these issues

a) Challenge:

Science(s):

b) Challenge:

Science(s):

15. Name one of your current science teachers who could be contacted by the University as your referee
(Note: A written reference is NOT required)

Name of referee:.....

Subject taught:..... Email:

School:..... Telephone (school):.....

16. I support this application: Science Teacher: (Signature); Date:
Name (Please print):.....

I support this application: Parent/Guardian:..... (Signature); Date:
Name (Please print):.....