

RESEARCH PROJECT STUDENT EXPO

Program & map

Wednesday 12 August 2015

Student Exhibitors

Booth Research Project Title

2 & 3	Which reproduction method is more successful in sheep, artificial insemination or natural breeding?
	How do you design and construct a functional sheep yard system?
	What are the ethical considerations behind the transport of livestock?
	Does creep feeding juvenile goats improve their condition for show?
5 & 6	How can the design and functionality of a mobile app assist domestic violence victims become more independent?
	Making a first-person shooter map
	What is the current defence capability of Australia's Defence Force? What improvements could be made?
	How can care staff improve the social environment for dementia sufferers in care facilities?
	How could street art benefit the Barossa?
8 & 9	To what extent does social media affect happiness?
	To what extent do peritoneal and haemodialysis differ, and which best supports a kidney disease patient's lifestyle?
	How does motor-racing help underage drivers improve their driving skills?
	Why do South Africans immigrate and how typical is my family's experience of immigration to Australia?
17	Is cardiovascular exercise the most effective way for young women to maintain health and fitness?
	What are the most effective netball training tips and techniques?
	Autism Synthetic chemicals in cosmetics
19 & 20	How have major aviation disasters affected civil aviation worldwide?
	To what extent did the Fukushima nuclear disaster impact Japan?
	Why Australia should become a republic
	The right to bear arms in the US and the ramifications of the legislation compared to Australian laws
	How can scientists grow human organs in laboratories and in animals, and is this technology ethical or not?
	Factors that influence a person's susceptibility to religious radicalisation
	How can the protective capacity of modern body armour for police and soldiers be increased using developing technologies?
	Can solar energy be the dominant source of energy in India by mid-century?
	What principles affect aerofoils to produce lift, and why are there differing opinions on which principle is correct?

Booth Research Project Title

19 & 20	How does the brain function during lucid dreaming and how does it differ from REM sleep?
	Could 3D printing be used to overcome the shortage of organ donations for surgical purposes?
	How do online video games affect teenagers' academic performance and social interaction?
26 & 27	How can physical theatre be used to capture the emotional challenges faced by anorexia sufferers?
	How can mirror therapy and unmediated treatments have an impact on phantom pain relief in amputees?
	How to choose a complimentary pair of glasses?
	How do I build my own customised skateboard?
	How do I design and create a screen-printed t-shirt, for young people?
	How can the right equipment enhance your performance in road cycling?
	How can lifestyle choices help 'delay' the onset of Alzheimer's disease?
29 & 30	Has American culture influenced the South Korean popular music scene?
	How does a pre-performance routine for a closed skill improve sports performance?
	To what extent have the roles of women changed in the Australian Defence Force?
	What is domestic violence and what is its impact on children?
	To what extent does childhood neglect affect people's mental health later in life?
	Can the number of sounds a child hears in a word predict their literacy acquisition?
31 & 32	How does the C-Bus (electrical) system work?
	Can I successfully restore and fix a Datsun ute without spending too much money?
35	Can an accredited exercise physiologist help minimise the symptoms of cancer related fatigue?
	Why don't international acts come to SA when doing a national tour?
	The most affordable ways to make a house eco-friendly and energy efficient within a \$10,000 budget Restoring Vietnamese cultural identity
36	What development aspects are most common in the highest-selling video games and how can these be applied to create a video game of my own?
	How is a longbow made and what tests can determine its performance capabilities?
	What influences the design of a popular clothing label, and what can be applied in developing an original label?
37	Gender roles (9am - 11am)
	Sports injuries (9am - 11am)
	Independent films (11am - 1pm)
	Dress design (11am - 1pm)
	Costume design (1pm - 3pm) Diet and wellbeing (1pm - 3pm)
38	What is the optimal relocation plan to maximise the yield of my six beehives?
	What scientific evidence supports the introduction of the snapper closed season in SA?
	How can I improve an existing Pedal Prix vehicle on a budget to increase speed?
40	What is involved in creating a claymation animation?

Presentation Schedule

Time	Topic	Presenter
Session 1		
9.15am	The Microbic Story – The importance and evolution of research underpinning its success	Rob Denton <i>TAFE SA</i>
9.35am	How to choose your research topic	Facilitator: Ari Traucki Panel of university students <i>The University of Adelaide</i>
9.55am	Culturomics – Collecting data for the study of human culture	Penny Collins <i>Google Certified Teacher</i>
Session 2		
11.15am	Google Search	Penny Collins <i>Google Certified Teacher</i>
11.35am	Q&A with current research students	Facilitator: Ari Traucki Panel of university students <i>The University of Adelaide</i>
11.55am	From #fitspo to medicine – Research in 3 minutes and thinking about your own project	Facilitator: Office of Graduate Research Panel of university students <i>Flinders University</i>
Session 3		
1.15pm	Advanced research at Adelaide – A student perspective	Natasha Atkins & Chantelle Valente <i>The University of Adelaide</i>
1.35pm	Research Project: Everything you need to know from those who've been there	Panel of university students <i>Flinders University</i>

The SACE Board of South Australia is proud to present the Research Project Student Expo.

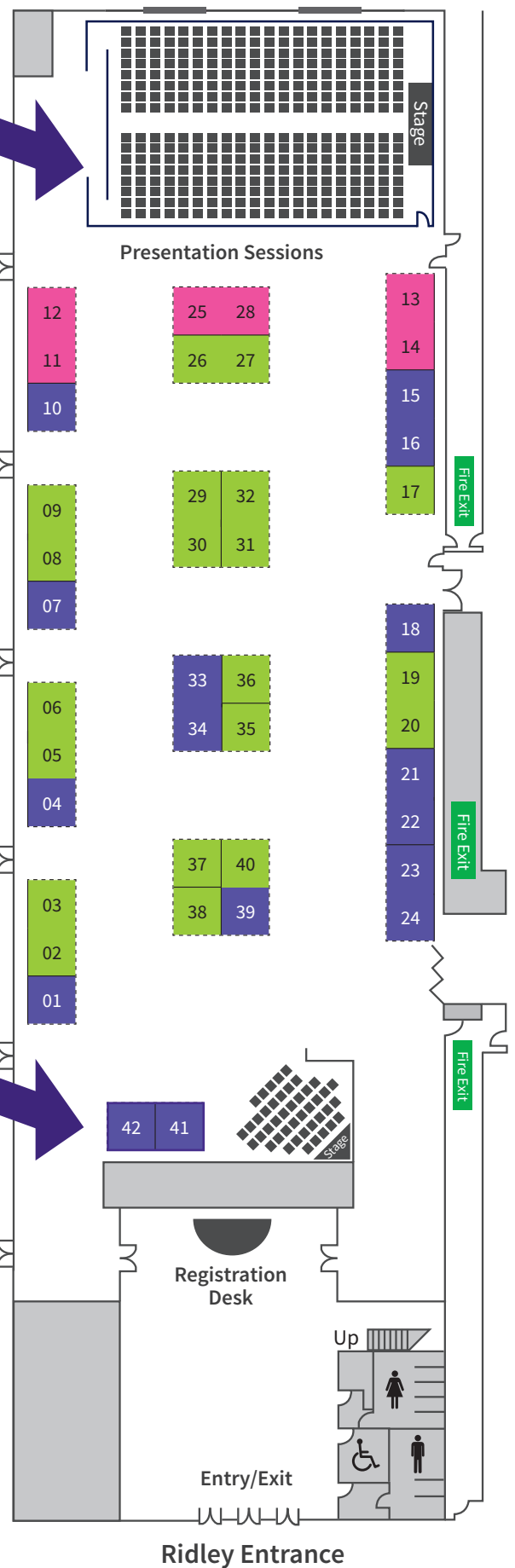
Visit us at booths 41 and 42 – we can answer specific questions you might have about the Research Project.

Research Project teachers and SACE Board staff are available to provide students and teachers with hints and tips, together with presentations including student story videos, and Prezi presentations offering information and advice on the subject.

sace.sa.edu.au/expo2015

Exhibiting Organisations

Booth	Organisation
1	Agriculture, Food and Wine
4	Australian Institute of Fitness
7	Natural Resources
10	Airborne Research Australia
11 & 12	Flinders University
13 & 14	TAFE SA
15 & 16	Department for State Development with Arts SA
18	Cancer Council SA
21 & 22	ESL Student and Teacher Support
23 & 24	Association of Secondary Research Teachers
25 & 28	The University of Adelaide
33 & 34	State Library of South Australia
39	ASC (Australian Submarine Corp)
41 & 42	SACE Board of South Australia



Legend

- Organisation
- Tertiary
- Student Exhibitor