

FOOD & FIBRE CAREERS DAY

18TH - 19TH MAY 2017
UNIVERSITY OF MELBOURNE, DOOKIE CAMPUS



2017 Workshops

Beef

Equine

Healthy Soils > Healthy Food

Dairy

Get into Genes

Veterinary Technology
(Animal Science)

Sheep & Wool

Plant Science

Conservation and
Land Management

Water Efficiency
and Conservation

Transport, Tractors
and Technology

Indigenous Agriculture

FREE BUS
TRANSPORT
TO EVENT

EXPLORE
FUTURE EARTH
& STEM

PRACTICAL
HANDS ON
WORKSHOPS



Watch more: https://youtu.be/2ehtdcZD_M0

WORKSHOP DESCRIPTIONS

1. BEEF (OUTDOOR VENUE)

Learn all about breeds of cattle, livestock handling and beef husbandry practices. Plus learn about where your favourite cuts of meat come from.

2. DAIRY (ROBOTIC DAIRY)

Tour a state-of-the-art robotic dairy. Understand the size and scope of the regional dairy industry and how you can build a successful career - on or off farm.

3. SHEEP & WOOL (SHEARING SHED)

Discover the different characteristics of wool, breeds of sheep and meat quality. Learn more about the workings of a shearing shed (including shearing, crutching) and diseases. Information about use of technology to improve productivity and breeding.

4. WATER - EFFICIENCY AND CONSERVATION

Surface water management can vary from drought conditions to managing floods and everything in between. Recent changes have resulted in a significant shift in the management of river systems. How is water managed to meet irrigation and environmental needs? Groundwater has become an important element in agricultural development. How can we understand/manage the unseen?

5. EQUINE (OUTDOOR VENUE)

Want to work with horses? Learn how to be safe around horses, how to care for them and monitor their vital signs.

6. GET INTO GENES (LABORATORY)

The fundamentals of DNA and the way it is used in dairy cattle and plant breeding. Explore genetic engineering technologies, and cutting edge real-life stories with hands-on workstations investigating DNA.

7. PLANT SCIENCE (LABORATORY)

Science in the laboratory is linked to agricultural and horticultural activities. Investigate plant selection techniques, plant diseases, frost damage to crops, applications of soil and water analysis and food security.

8. TRANSPORT, TRACTORS & TECHNOLOGY (OUTDOOR VENUE)

Hands on session demonstrating a range of agricultural machinery & use of new technologies.

9. HEALTHY SOILS, HEALTHY FOOD (LABORATORY)

Get your hands dirty with a soil analysis to determine nutrition levels. You will assess sugar levels in fruit and vegetables - the higher the level the better the soil. Healthy soils = healthy plants = healthy people.

10. VETERINARY TECHNOLOGY - ANIMAL SCIENCE (LABORATORY)

Experience first-hand some of the skills required to work in this field. Activities include listening to heart and lung sounds, learning how to recognise animal behaviours and handling techniques plus anaesthetic intubations.

11. CONSERVATION & LAND MANAGEMENT (SEED BANK)

Seeds are amazing things. In this session you will practice seed extraction and collection plus tour the Seed Bank.

12. INDIGENOUS AGRICULTURE (INDOOR/OUTDOOR)

Explore indigenous culture, horticulture and conservation practices. Also featuring Indigenous foods and medicines.