

MORE THAN GUMBOOTS AND TRACTORS

CAREERS IN AUSTRALIAN GRAINS INDUSTRY

Proudly presented by the GRDC

TOOWOOMBA, QLD

AGENDA

Thursday, June 2, 2016

8:45 - 11:05

Growing Great Careers at the University of Southern Queensland

521-535 West St, Toowoomba

8:45 - 9:00

Registration at Room 113: Collect name tag and information pack

9:00 - 9:15

Welcome and Introduction

- > The Australian grains industry
- > Careers in action

Sarah McDonnell, AgCommunicators

9:15 - 9:45

Careers at University of Southern Queensland

5 min Snapshots of Career Pathways

- > Jaimie Bailey: Career pathways, prerequisites and university courses available at USQ
- > Joseph Foley: Agricultural Engineering - research and opportunities
- > Geoff Slaughter: Agribusiness opportunities
- > Gavin Ash: Growing a great research career

9:45 - 10:05

Split groups into two to tour facility 20 mins each space

Group 1: Centre for Crop Health (CCH)

Guide: John Dearnaley,

Location: D Block lab tour

- > Tour of CCH Facilities
- > Participants will conduct a simple DNA extraction procedure of living material

Group 2: Agricultural Engineering

Guide: Joseph Foley, Location: Engineering Green

- > Display of a UAV equipped with visual and thermal camera demonstration by Derek Long and Cheryl McCarthy
- > Plant phenotyping research explained by Matthew Tscharke

10:05 - 10:15

Group Swap

10:15 - 10:35

Group 1 to Agricultural Engineering

Group 2 to Centre for Crop Health

10:35 - 10:45

Return to Room 113 for morning tea

10:45 - 11:05

Morning Tea

11:05 - 12:15

Career & Trade Pathway Experiences

11:05 - 11:20

Plant Breeding - National and International Opportunities

- > A day in the life of a plant breeder
- > Delivering research solutions to growers
- > Modern plant breeding technologies
- > Views on 'feeding the world'

David Jordan

Principal Research Fellow/Associate Professor
Sorghum Plant Breeder & Team Leader
Queensland Alliance for Agriculture and
Food Innovation

Hermitage Research Station

11:20 - 11:35

Growing a Great Career in Grains

- > My study pathway
- > Careers, research and opportunities at the Northern Grower Alliance
- > Research snapshots
- > Opportunities and tips for students

Rachel Norton

Communications Manager
Northern Grower Alliance

11:35 - 11:50

TAFE - Toowoomba

- > Agricultural diploma
- > Agricultural trades
- > Study opportunities

Nicholas Westwood

Associate Director
Resources and Infrastructure
Southern Queensland Institute of TAFE

11:50 - 12:05

Queensland Agricultural Training Colleges

- Direct Pathways to Agriculture
- > Opportunities for students
 - > Available courses
 - > TASTE: Try before you buy

Mark Tobin

Chief Executive Officer
Queensland Agricultural Training Colleges

12:10 - 12:15

Board bus for next site and lunch

12:15 - 12:45

Lunch at PB Agrifood

12:45 - 1:45

Careers in the Industry of Adding Value to Grains, Legumes and Pulses at PB AgriFood 54-60 Industrial Ave, Toowoomba

12:45 - 1:05

Peter Brodie, Director

1:05 - 1:45

Split into two groups to tour

- > Crushing Plant: Soy Meal & Oil
- > Value Adding: Animal licks, horse feed and feed concentrates
- > Grading Plant: Colour sorting and sorting of Mungbeans and Soybeans for export

1:45 - 1:55

Bus to next site

2:00 - 3:00

Seeds for Grain Production at Advanta Seeds

268 Anzac Ave, Toowoomba

Careers in the Seed Industry

2:00 - 2:20

Matt Needham, Quality Assurance Manager

2:20 - 3:00

Tour: meet in the warehouse

Split in two groups to tour various facilities

- > Warehouse - warehousing, distribution and marketing
Andrew Short, Sorghum Crop Business Manager and
Rob Johnston, Corn Crop Business Manager
- > Bulk seed/processing - seed production and seed processing
Angus Rathie, Processing and Warehousing Manager
- > Glasshouses - research
Andrew Easton, Crop Research Lead
- > Quality control laboratory - seed quality and purity testing
Matt Needham QA Manager and **Sue Wuersching**,
Assistant QA Manager

3:00 - 3:10

Collect Afternoon tea and board the bus

3:15 - 4:30

Pathways to Research Careers at Leslie Research Station

13 Holberton Street, Toowoomba

3:15 - 3:50

Careers and Opportunities in Microbiology

- > Biological control of the costly root-lesion nematode
- > Lab and glasshouse tour (look at nematodes!)

Dr Nikki Seymour

Senior Soil Microbiologist

Department of Agriculture,
Fisheries and Forestry Qld

3:50 - 3:55

Group swap

3:55 - 4:30

Innovative approaches to weed management in Australia

- > My study pathway
- > Robotics and weed control
- > Research snapshots
- > Opportunities and tips for students

Dr Michael Widderick

Principle Research Scientist

Weed Science Team

Queensland Department for Agriculture and Fisheries

4:45 - 5:00

Board bus to travel back to USQ

5:00 - 6:00

Industry Networking Hour at the USQ Refectory

- > Networking, nibbles and refreshments
- > Wrap Up by Sarah McDonnell AgCommunicators
- > Teachers & Guidance Officers presented with participation certificate & grain box

6:00

Workshop Concluded, thank you for a great day and safe travels