Chris Ford, Deputy Head of School

HDR Candidature Management 2015
School of Agriculture, Food and Wine
Overview of today’s session

• Introduction to the School (Chris Ford)
• New students – introductions (Supervisors)
• Candidature management update (Cam Grant)
• Morning tea; introduction to key people
• Candidature management for students and new supervisors (Cam Grant)
• Questions (Cam has the answers!)
The Waite Campus

- Bequeathed by Peter Waite in the 1920s
- A world-renowned research and education cluster, focusing on plant biosciences, viticulture, wine, food and environmental services
- Over 1200 researchers – largest agricultural research, education and training complex in Southern Hemisphere
- Annual research income over $140 million
- World class research and development infrastructure
- Identified as Australia’s leading site for grain and wine research

Slide courtesy of Roger Leigh
The School of Agriculture, Food & Wine

We apply the best science and technology to:

– improve our fundamental understanding of biological farming systems, including plants, animals and microbes

– make farming more sustainable

– deliver high quality plant and animal products

– improve the quality and nutritive value of food and beverages
The School of Agriculture, Food & Wine

Currently comprises:

• 50 academic staff
• ~ 190 postgraduate research students

Annual Research income in excess of $35 M:

  – Competitively funded research grants
  – Collaborations with industry partners
  – Commercial activities
University structure and organisation:

The **University** of Adelaide

The **Faculty** of Sciences (+ four others)

The **School** of Agriculture, Food & Wine

(+ a few others...)
School structure

• Head of School: Mike Keller
• Deputy Head of School: Eileen Scott
• Deputy HoS (Research): Diane Mather
• Deputy HoS (Learning and Teaching): Chris Ford

• School Committees
• Research Groups
• Departments
THANK YOU

School office
Biometrics

Convenor: Dr Olena Kravchuk

• Applied statistics
• Experimental design and data analysis
Farming Systems

Convenor: Dr Ian Nuberg

• Plant production, agronomy, agro-forestry
• Aims to develop sustainable farming systems within the capability of the landscape
Food and Nutrition

Convenor: Dr Bev Muhlhausler

• Nutrition and functional-food groups
• Food and agricultural policy and development
• Consumer behaviour
Plant Breeding and Genetics

Convenor: Dr Stuart Roy

- Plant breeding – barley, wheat, faba beans
- Genetics of meiosis
- Cereal biochemistry, genetics and cytogenetics
- Molecular markers in plant breeding
- Functional genomics
Plant Physiology, Viticulture & Horticulture

Convenor: Prof. Steve Tyerman

- Plant physiology & molecular biology
- Viticulture
- Horticulture
Plant Protection

Convenor: Dr Jerome Buhl

The biology and management of:
- insects
- plant pathogens and diseases
- weeds
Soil Science

Convenor: Dr Ron Smernik

- Soil chemistry, physics and biology
- Carbon cycling
- Soil-plant interactions
- Root growth
Wine Science

Convenor: Prof. Vladimir Jiranek

- Oenology
- Sensory evaluation
- Microbial biotechnology
Partnerships on Waite Campus

- South Australian Research & Development Institute
- Primary Industries & Resources South Australia
- Australian Wine Research Institute
- CSIRO
- Australian Genome Research Facility
- SA Dept of Environment and Natural Resources
- Australian Grain Technologies
Partnerships on Waite Campus

- FOODplus Research Centre
- Plant Accelerator (a node of the Australian Plant Phenomics Facility)
- ARC CoE in Plant Cell Walls
- ARC CoE in Plant Energy Biology
- ARC Industry Transformation and Training Centre for Innovative Wine Production
- Waite Research Institute
Australian Centre for Plant Functional Genomics

• The application of functional genomics and related technologies to identify the genes in wheat and barley that confer normal growth and growth under abiotic stress
Australian Grain Technologies

- An innovative grain breeding company building on the century-old traditions and achievements of South Australia's Waite and Roseworthy wheat breeding programs, and Victoria's Horsham program
- Waite and Roseworthy Campuses
Roseworthy Campus

- School of Animal and Veterinary Sciences
- 1600 ha of land including a working farm on which students gain practical experience
- 50 km north of Adelaide
The end

Any questions?