

心得分享-

澳大利亞畜禽福祉及友善環境  
之建構及最新進展

林義福

# 擬解決問題

- 問題分析：

國內動物保護的觀念方興未艾，對於經濟動物福祉之改善，除西歐先進國家外，澳大利亞為值得參酌學習的國家。

## 擬解決問題重點：

- ✓ 澳大利亞**動物福祉科學中心**(Animal Welfare Science Centre, AWSC)為國際知名動物福祉研究中心，其四大研究領域：
  1. 評量及驗證動物福祉的方法學。
  2. 畜禽舍及畜養方式對動物福祉的影響。
  3. 牧場人員及消費者態度的影響。
  4. 研究生及產業界相關人員的教育及訓練。
  
- ✓ 透過赴AWSC研習，將研習成果提供政府部門及相關人員參考。

# 行程摘要

- 107年3月9日啟程赴澳大利亞墨爾本，107年3月17日返台。

洽談對象有：

- AWSC主任Andrew Fisher教授、行政主管Jeremy Skuse及Lauren Edwards、Samantha Chiew等相關研究人員。
- 維多利亞州政府主管動物福祉政策官員Cathy Pawsey及Alistair Smith等人。
- 墨爾本大學獸醫暨農業科學院動物福祉及動物安樂死領域專長教授James R. Gilkerson、Stuart Barber、Jo Devlin及Ellen Cobbs等。
- 墨爾本大學試驗農場主任Roslynn G. Gall等人。
- 研習及討論內容包括澳大利亞畜禽福祉標準及規範、動物福祉研究、動物安樂死、雞隻外寄生蟲防治、動物福祉政策制定與執行及其最新進展等。
- 實地參訪部分安排至墨爾本動物園、墨爾本大學Dookie試驗農場及“Kinross Farm”公司之放牧蛋雞場、種雞場及孵化場等。









21  
BEDFORD  
STREET  
Main Entrance

  
THE UNIVERSITY OF  
MELBOURNE  
21 Bedford Street

Animal Welfare Science Centre  
Faculty of Veterinary and Agricultural Sciences

**Level 2**

Rutu Acharya	03 9035 7528	Lauren Hemsworth	03 9035 7613
Andrew Carlyon	03 9035 9545	Paul Hemsworth	03 8344 8383
Grahame Coleman	03 9035 6176	Ellen Jongman	03 9035 7610
Rebecca Doyle	03 9035 7535	Maxine Rice	03 9035 7663
Andrew Fisher	03 8344 7352	Jeremy Skuse	03 8344 8933

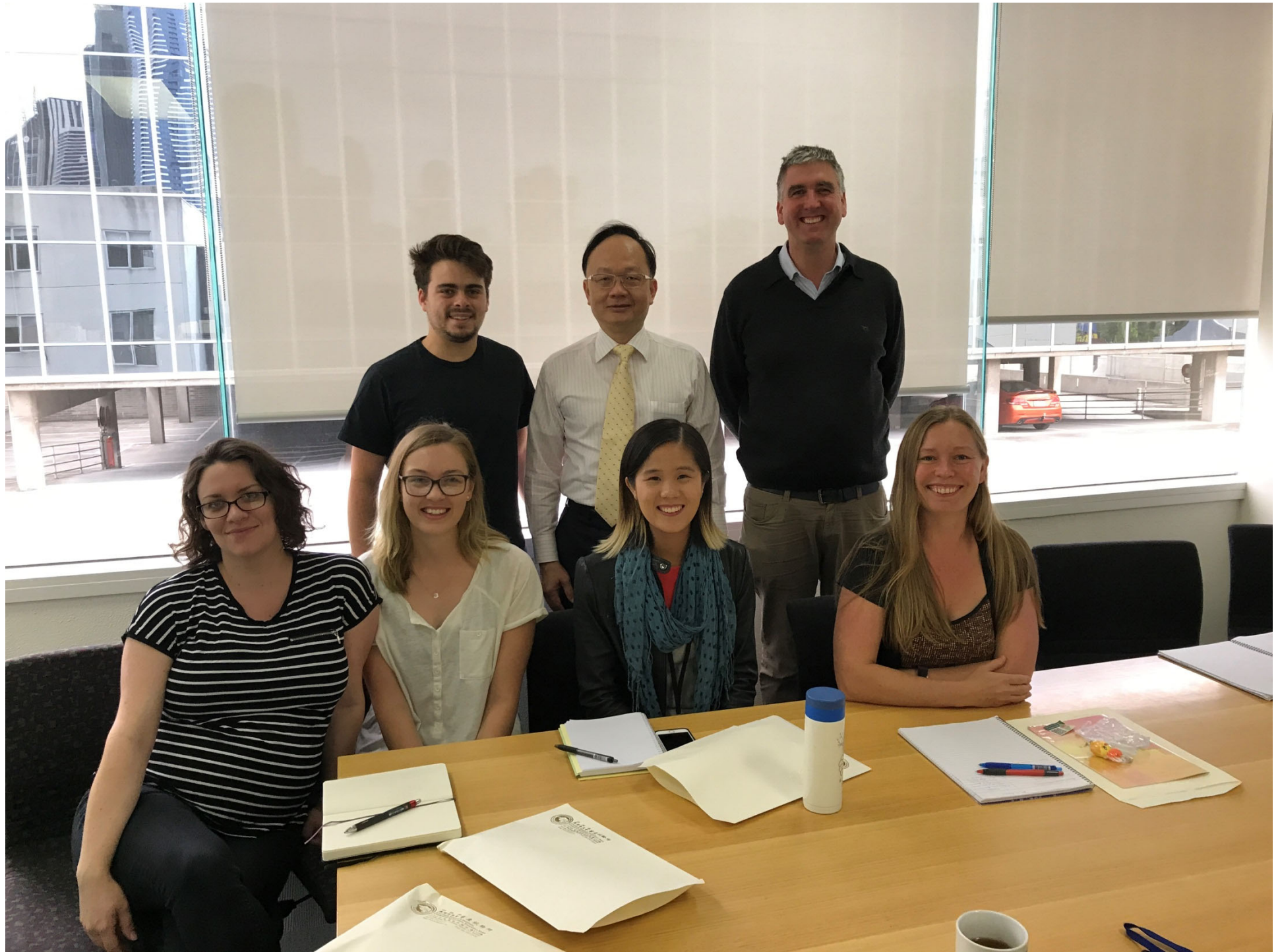


ANIMAL WELFARE  
SCIENCE CENTRE























2  
42 - 2 cycles.

# Dairy.

Friesian/Holstein.

Normally 2 cycles

(Angus | Hereford | Wagyu)

artificial insemination after d 25

BULL

Female →  
male →

Sometimes sexed semen.

Females - kept \$40

Males (bobby) → slaughter

↓ 7-10d.

grown for feedlot 2.5 years.

→ 600kg

realer mother × Limousin

DCAP.VET.UNIME

EYS/PS = NRRWKCK7DX











THE UNIVERSITY OF  
MELBOURNE

# Dookie Campus Dairy



Entry by appointment only  
All Enquiries to Campus Administration 5833.9200

**RESTRICTED  
AREA**  
PRIORITY  
APPOINTMENT  
ENTRY ONLY

**NO  
TRESPASSING**  
NO RIVER  
ACCESS

















# BUILDING VICTORIA

Robotic Dookie Dairy  
University of Melbourne



**Officially launched on 23 May 2014 by the Hon Jeanette Powell MP, the state-of-the-art upgraded Robotic Dookie Dairy facility comprises of robotic milking capability, cutting-edge solar panel capacity, a milking shed and feeding systems with capacity for 180 cows.**

The Robotic Dookie Dairy improvements are a part of a \$5 million investment in Dookie's farm (with \$2.4 million allocated to the Dairy) to ensure the greater Dookie campus remains a leading agricultural educational facility in Victoria. The Victorian Government has contributed \$2.5 million towards the overall project.





























LODGE FARMS  
Cage Free Eggs  
1 Dozen  
Product of Australia  
600g

**WAS \$3.89**

**NOW \$3.49**

9339 50c per 100g Lower Price since 30/6/17 D

LODGE FARMS  
Cage Eggs  
1 Dozen  
Product of Australia  
600g

**\$2.59**

9308 43c per 100g D







**FARMDALE**  
Skim Milk  
1L

**WAS \$1.19**

**NOW \$1.15**

6193 \$1.15 per litre Lower Price since 31/5/17 D

**JUST ORGANIC**  
Reduced Fat Milk  
1L

**\$1.99**

52895 \$1.99 per Litre D

USE BY 30 MAR  
11:32

USE BY 30 MAR  
11:32

**FARMDALE**  
Fresh  
**MILK**  
SKIM  
PASTEURISED  
99.9% FAT FREE

1 Litre e

PERMEATE FREE

**FARMDALE**  
Fresh  
**MILK**  
SKIM  
PASTEURISED  
99.9% FAT FREE

1 Litre e

PERMEATE FREE

• Good Source of Protein • Good Source of Calcium  
• No Artificial Colours or Flavours • No Preservatives

**NUTRITION INFORMATION**  
Per 100mL (approx. 1/3 cup)

Energy	47 kJ	11 kcal
Total Fat	0.1g	0.2g
Protein	3.2g	3.2g
Carbohydrate	0.1g	0.1g
Sodium	0.1g	0.1g

Product of Australia

**NOT SUITABLE AS A COMPLETE MILK FOOD FOR CHILDREN UNDER THE AGE OF 2 YEARS.**

30.03.2018  
07:55 02386

**ORGANIC**  
REDUCED FAT<sup>††</sup>  
**MILK**

1 Litre

30.03.2018  
07:59 02381

**ORGANIC**  
REDUCED FAT<sup>††</sup>  
**MILK**

1 Litre

30.03.2018  
07:59 02379

**ORGANIC**  
REDUCED FAT<sup>††</sup>  
**MILK**

1 Litre



# ORGANIC BUTCHER



Mr Organics  
Free-range & Grass-fed

VACUUM SEALING  
AT NO EXTRA COST

CORBY'S

Mr Organics

CORBY MEATS EST. 1985







ROASTING  
SHOULDER  
PORK  
699

2 Kg at 13<sup>00</sup>  
4 Kg at 20<sup>00</sup>

★ QUALITY ★  
FEMALE PORK  
BELLY  
1599

TODAY'S  
SPECIAL 12.99

PORK NECK CHOPS  
\$9.99/kg  
2 kg for \$18.98

★ QUALITY ★  
PORK NECK  
BONES  
1299

QUALITY  
PORK  
CHOPS  
699

Bulk Special  
2 Kg  
For  
1200

★ QUALITY ★  
PORK  
CHOPS  
899

Bulk Special  
2 Kg  
For  
1500

★ TODAY'S ★  
PORK  
LOINS  
999

NEW  
9.99  
kg





CORBY MEATS EST. 1985

Mr Organics CORBY MEATS EST. 1985

FREE-RANGE

ORGANIC BUTCHER

CORBY'S MEATS

LAMB BACKRIBS \$1500

LAMB RACKS \$1000

LAMB RACKS \$2400

ORGANIC LAMB LEG ROAST \$1500

ORGANIC LAMB SHOULDER ROAST \$1500

ORGANIC LAMB CUTLETS \$390

LAMB \$3000

LAMB \$1599

Rump Steak 1/2 Price!

More Steak 1/2 Price!



# The PANTRY

*Free Range* **POULTRY**  
CHICKENS.  
TURKEYS.  
DUCKS.  
GEESE.  
QUAIL. ETC.

*The* **Chicken Pantry**  
Shop.. 85  
Phone.. 9329-6417  
Proprietors..  
Janine & Garry Hunt

**FRESH GAME**  
RABBITS.  
VENISON.  
KANGAROO.  
CROCODILE.  
EMU. ETC.







RETENTION SAMPLE  
PRODUCTION DATE  
14 FEB  
BEST BEFORE DATE  
28 MAR  
29 MAR

13 FEB  
BEST BEFORE DATE  
27 MAR

RETENTION SAMPLE  
PRODUCTION DATE  
12 FEB  
BEST BEFORE DATE  
26 MAR

PRODUCTION DATE  
09 FEB  
BEST BEFORE DATE  
23 MAR

RETENTION SAMPLE  
PRODUCTION DATE  
08 FEB  
BEST BEFORE DATE  
22 MAR

RETENTION SAMPLE  
PRODUCTION DATE  
07 FEB  
BEST BEFORE DATE  
21 MAR

RETENTION SAMPLE  
PRODUCTION DATE

PRODUCTION DATE  
23 FEB  
BEST BEFORE DATE  
06 APR

RETENTION SAMPLE  
PRODUCTION DATE  
22 FEB  
BEST BEFORE DATE  
05 APR

RETENTION SAMPLE  
PRODUCTION DATE  
21 FEB  
BEST BEFORE DATE  
04 APR

RETENTION SAMPLE  
PRODUCTION DATE  
20 FEB  
BEST BEFORE DATE  
03 APR

RETENTION SAMPLE  
PRODUCTION DATE  
17 APR

RETENTION SAMPLE  
PRODUCTION DATE  
07 MAR  
BEST BEFORE DATE  
18 APR

RETENTION SAMPLE  
PRODUCTION DATE  
8 MAR  
BEST BEFORE DATE  
19 APR

RETENTION SAMPLE  
PRODUCTION DATE  
9 MAR  
BEST BEFORE DATE  
20 APR

RETENTION SAMPLE  
PRODUCTION DATE  
13 MAR  
BEST BEFORE DATE  
24 APR

KINCROME  
PROFESSIONAL QUALITY TOOLS  
WORKSHOP





TUESDAY THURSDAY FRIDAY/SATURDAY  
**Did You Know?**  
Hydrants 7:30am - 9:30am  
Volume A 7:30am - 6:30pm  
Volume B 7:30am - 4:30pm  
John Corbreen 7:30am - 4:30pm  
Police 6:30am - 4:30pm  
Fire 6:30am - 4:30pm  
Ambulance 6:30am - 4:30pm  
Rubbish 6:30am - 4:30pm

↑ THIS WAY ↑  
↑ STORE IN COOL ROOM ↑  
The Plains Poultry Farm  
400 Old Shearwater Rd.  
Warrambah, VIC 3746  
Phone: 03 5981 1382  
Fax: 03 5981 1383  
Email: info@plains.com.au

**Victorian White Eggs**  
\$2.60 per 1/2 doz  
\$5.20 per dozen  
\$12.00 per tray (30 eggs)

COUNTRY PRIDE  
PURE AND NATURAL  
FREE RANGE EGGS  
15 x 1 Dozen  
800g  
700g  
600g  
500g

**Choose Your Own**  
67g Eggs .50¢  
\$2.30 per 1/2 dozen  
\$4.50 per dozen  
\*Special - \$8.60 for 2 dozen

**Victorian White Eggs**  
\$2.60 per 1/2 dozen  
\$5.20 per dozen  
\$12.00 per tray of 30 eggs

**Quail Eggs** 2 per doz  
24 eggs to a tub  
\$5.00 per tub

Choose Your Own

800/67g  
\$4.50 per dozen  
\$2.30 per 1/2 doz

the eggporium

Sulphur Free  
Yarrambat Natural Water  
Call Us on: 04315...



# 心得與建議

- 動物福祉是一種新的倫理道德觀，當社會大眾漸接受這種觀念時，就成為**普世價值觀**。
- 動物處於**良好的福祉狀態**是指舒適的、營養良好的、安全的、能夠表達先天自然的行為，而沒有受痛苦、恐懼和痛苦等不愉快的狀態。
- 健康與動物福祉是密不可分的，因此疾病之預防和**獸醫**之治療等專業知識均是與動物福祉相關之研究領域。
- 動物所處環境條件反應在**生長與生產**，福祉標準的訂定有賴相關的科學研究及科學證據。
- 動物福祉涵蓋從**出生至死亡（屠宰）**，因此除飼養管理外，安樂死之操作與屠宰場之人道屠宰均是重要範疇。

- 管理人員的**良好訓練**是動物福祉的基本要求，管理人員善待動物，動物也會對管理人員親近，牧場動物福祉之好壞可從動物與人員之**互動**觀察出來，因此，澳大利亞墨爾本大學動物福祉科學中心除做動物福祉相關試驗研究外，畜牧從業人員的教育訓練是該中心的重點工作。
- 除畜牧從業人員，**社會大眾**對動物福祉的認知有助於動物福祉政策的推展，因此社會大眾亦是動物福祉科學中心的教育對象。
- 一般認為符合畜禽福祉的飼養方式會增加**成本**，這些成本反應在售價上，最終要由消費者來吸收，售價在合理的範圍才容易被接受。
- 大型公司對福祉之潮流扮演之角色越來越重要，澳大利亞大型超市有自己的標準規範認證，不同飼養方式，包括非福祉的籠飼雞蛋等均有醒目之標示，供消費者選擇，對回應政府的政策及消費者的期待具**領頭羊**作用，值得我國參考。





Thanks for your attention