

# Curriculum Vitae – John P Goopy

## PERSONAL DETAILS

Nationality: Australian  
Address: C/- ILRI, Old Naivasha Rd, Nairobi, Kenya.  
Mobile: +254706397289  
Email: j.goopy@cgiar.org

## EDUCATION

### Travelling Research Fellow:

The Ohio State University (United States), Spring 2006

**Doctor of Philosophy:** University of New England (Australia) 2003-2006,

*Thesis title: "Physiological bases for divergent methane production in ruminants"*

**Bachelor of Applied Science Honours I:** University of Queensland 2002

*Thesis title: "Use of chemical and biological agents to improve water quality of effluent discharge from abattoirs."*

## VOCATIONAL EXPERIENCE

### RESEARCH

Research Scientist, Livestock GHG Measurement and Mitigation (International Livestock Research Institute, Nairobi)

Research Fellow, Advanced Materials Co-operative Research Centre (James Cook University, Townsville)

Project Leader, Livestock Greenhouse Gas mitigation strategies, sheep industry (Livestock Research Officer, NSW DPI, Armidale)

Post-Doctoral Research Fellow, Beef Co-operative Research Centre (University of Queensland, Brisbane)

### TEACHING AND LEARNING

Leader, Sheep Industry Education and Training, (University of New England, Armidale)  
Sheep Wool Design & Development Officer, Sheep CRC, UNE]

## SELECTED PUBLICATIONSE

[Cattle selected for lower residual feed intake have reduced daily methane production](#) RS Hegarty, JP Goopy, RM Herd, B McCorkell Journal of animal science 85 (6), 1479-1486

---

[Low-methane yield sheep have smaller rumens and shorter rumen retention time](#) JP Goopy, A Donaldson, R Hegarty, PE Vercoe, F Haynes, M Barnett, British Journal of Nutrition 111 (04), 578-585

---

[Nutritional and flock management options to reduce methane output and methane per unit product from sheep enterprises](#) RS Hegarty, D Alcock, DL Robinson, JP Goopy, PE Vercoe Animal Production Science 50 (12), 1026-1033

---

[Repeatability, animal and sire variation in 1-hr methane emissions and relationships with rumen volatile fatty acid concentrations](#) DL Robinson, JP Goopy, RS Hegarty, PE Vercoe Proceedings of the 9th World Congress on Genetics Applied to Livestock ...

---

[A review on the role of duckweed in nutrient reclamation and as a source of animal feed](#) JP Goopy, PJ Murray Asian-australasian journal of animal sciences 16 (2), 297-305

---

[Validation of a short-term methane measurement using portable static chambers to estimate daily methane production in sheep](#) JP Goopy, R Woodgate, A Donaldson, DL Robinson, RS Hegarty Animal Feed Science and Technology 166, 219-226

---

[Repeatability of methane production in cattle fed concentrate and forage diets](#) JP Goopy, RS Hegarty Journal of Animal and Feed Sciences 13 (Suppl. 1), 75-78

---