COLLEGE OF SCIENCES

Animal Nutrition and Physiology

Journal Article - Research


Conference Contribution - Full Paper In Published Proceedings- Book


Conference Contribution - Full Paper In Published Proceedings- Journal


Brookes, I. M. (2002). Calculating feed supply and demand on your farm. (pp. 157-168). Inl. M. Brookes (Ed.) (ed(s)). *Dairyfarming Annual*, May 8-10, Palmerston North, NZ. Palmerston North, NZ: Massey University, Centre for Agricultural & Veterinary Continuing Education.


Conference Contribution - Full Abstract in Published Proceedings - Book


Conference Contribution - Full Abstract in Published Proceedings - Journal


Conference Contribution - Poster

Thomas, D. G., Ravindran, R., Camden, B. J., Thomas, D. V., Cottam, Y. H., Cook, C. J. (2002). Broiler performance under various stocking densities. 7th WPSA Asian Pacific Federation Conference in conjunction with the 12th Australian Poultry and Feed Convention, October 6-10, , Hotel Conrad, Jupiters Casino, Gold Coast, QLD.

Conference Contribution - Oral Presentation

Cook, C., Thomas, D. G. (2004). Reducing the invasiveness of obtaining blood-borne measures in animals. The three Rs at the beginning of the 21st Century: The Fourth World Congress on alternatives and animal Use in the Life Sciences, August 11-15, , New Orleans, LA.

Thomas, D. G., Cook, C. J. (2002). Assesment and alleviation of stress in poultry. Physiological Socieity of New Zealand's 29th Annual Meeting, December 4-6, , Massey University, Palmerston North, NZ.

Ugarte, C. E. (2002). The effects of different starches and a dietary fibre equivalent on the inflamed and healthy feline gut. Research Colloquium 2002, November 29, , Massey University, Palmerston North, NZ.


Centre for Functional Genomics

Journal Article - Research

Conference Contribution - Full Abstract in Published Proceedings - Book


Food

Journal Article - Research


**Conference Contribution - Full Paper In Published Proceedings- Book**


Conference Contribution - Full Paper In Published Proceedings- Journal


Conference Contribution - Poster

*Cheese Science 2002*, July 10-12, , Melbourne, VIC.


**Conference Contribution - Oral Presentation**


Intellectual Property-Patents


Oral Presentation - Professional


McIntyre, L. (2002). Shelf life...: What is it and how to prove it?. Presented to: Food Labelling Workshop, Massey University, Auckland, NZ. September 4.


Thesis - Doctoral

Foster, K. D. (2002). The prediction of sticking in dairy powders. Massey University. 0

Technical Reports


Institute of Food Nutr & Human Health

Journal Article - Research


Conference Contribution - Full Paper In Published Proceedings- Book


**Conference Contribution - Full Paper In Published Proceedings- Journal**


**Institute of Fundamental Sciences**

**Journal Article - Research**


**Journal Contribution - Research**

**Thirteenth International Conference on Domain Decomposition Methods**, October 9-12, 2000, Lyon, France. Barcelona, Spain: CIMNE.

Boglaev, I. P., Duoba, V. (2002). Uniform domain decomposition for a singularly perturbed problem with regular layers. (pp. 49-54). In S. Wang, N. Fowkes (Eds.) (ed(s)). *International Conference on Boundary and Interior Layers, Computational and Asymptotic Methods*, July 8 - 12, The University of Western Australia, Perth, WA. Perth, WA: The University of Western Australia.


**Conference Contribution - Full Paper in Published Proceedings - Journal**


**Conference Contribution - Oral Presentation**


**Institute of Information & Mathematical Science**

**Authored Book - Research**


**Journal Article - Research**

http://www.sciencedirect.com/science\_ob=MImg\&_imagekey=B6V00-45CBS2W-J-6\&_cdi=5632\&_user=572227\&_orig=browse\&coverDate=04\%2F06\%2F2002\&_sk=997519998f.

http://www.springerlink.com/(nfd3se3r135putnmumuri4)/app/home/contribution.asp?referrer=parent&backto=issue,5,6;journal,13,34;linkingpublicationres1.


**Journal Contribution - Research - Review**


**Journal Article - Professional & Other**

Conference Contribution - Full Paper In Published Proceedings- Book


Fong, B., Hong, G. Y., Fong, A C M. (2002). Efficient and reliable video transmission with error localization. (pp. 84-85). IEEE International Conference on Consumer Electronics, http://ieeexplore.ieee.org/search/srchabstract.jsp?arnumber=1013937&isnumber=21838&, June 18-20, Los Angeles, CA, USA. Online: IEEE. Available at: punumber=7922&amp2dockey=1013937@ieecnf&query=%28hong+g.+y.%3Cin%3Eau%29&pos=23

Fong, B., Rapajic, P., Hong, G Y. Y. (2002). Effects of rain attenuation on wireless transmission of frame relay traffic. (pp. 1257-1259). The 8th International Conference on Communication Systems, http://ieeexplore.ieee.org/search/srchabstract.jsp?arnumber=1183335&isnumber=26554&, November 25-28, Carlton Hotel, Singapore, SGP. online: IEEE. Available at: punumber=8429&amp2dockey=1183335@ieecnf&query=%28hong+g.+y.%3Cin%3Eau%29&pos=21


Conference Contribution - Full Paper In Published Proceedings- Journal


Conference Contribution - Full Abstract in Published Proceedings - Book


Conference Contribution - Oral Presentation


**Software**

Jones, B. (2002). SCARE: Sperm competition and remating estimates 1 Massey University, Palmerston North, NZ. 0

**Oral Presentation - Professional**


**Thesis - Masterate**

Le Heron, J. L. (2002). Equitable opportunities: Exploring the knowledge gap hypothesis in a New Zealand university environment. A research report presented in partial fulfilment of the requirements for the degree of Master of Ma Massey University. 1127 114

**Technical Reports**


**Institute of Information Sciences & Technology**

**Authored Book - Research**


**Edited Book - Research**


**Book - Chapter In, Research**


**Journal Article - Research**


**Conference Contribution - Full Paper In Published Proceedings- Book**


Atif, Y. (2002). How learners can build their own knowledge using an interactive multimedia based e-learning system. (pp. 4-). E-Learning Symposium, May 12-13, Dubai, UAE. College of Information Technology (CIT), UAE University, PO BOX 15551 AL Ain, UAE: United Arabs Emirates University. Available at: http://els.uaeu.ac.ae/


Gui, X. (2002). Chip-interleaving DS/SS system for mobile communications over fast fading channel. (pp. 225-227). In N. C. Beaulieu, & L. Hesselink (Eds) (ed(s)). Wireless and Optical Communications:


Conference Contribution - Full Paper In Published Proceedings - Journal


Conference Contribution - Full Abstract in Published Proceedings - Book


**Conference Contribution - Poster**


**Conference Contribution - Oral Presentation**


**Software**

Stirling, W. D. (2002). CAST Rel. 2.1 W. Douglas Stirling, Massey University, Palmerston North, NZ. 400

**Report for External Body-Commissioned**


**Other - Concise Publications**


**Technical Reports**


**Institute of Molecular Biosciences**

**Book - Chapter In, Research**

Journal Article - Research


Fiedler, S., Steinbuchel, A., Rehm, B. H. A. (2002). The role of the fatty acid \( \alpha \)-oxidation multienzyme complex from \textit{Pseudomonas oleovorans} in polyhydroxyalkanoate biosynthesis: molecular characterization of the \textit{fadBA} operon from \textit{P. oleovorans} and of the enoyl-CoA hydratase genes \textit{phaJ} from \textit{P. oleovorans} and \textit{Pseudomonas putida}. \textit{Archives of Microbiology Archives of Microbiology}, 178 (2), 149-160.


improved taxon sampling. *Molecular Biology and Evolution*, 19 (12), 2060-2070
http://mbe.oxfordjournals.org/cgi/reprint/19/12/2060.


http://www.sciencemag.org/cgi/content/abstract/295/5563/2270.

http://springerlink.metapress.com/media/n1dr7rf9xp7rtjea8dwg/contributions/p/3/n/2/p3n27347881v7576.pdf.


**Journal Contribution - Research**


**Journal Contribution - Professional & Other**


**Journal Contribution - Professional & Other - Review**


**Conference Contribution - Full Paper In Published Proceedings- Journal**


**Conference Contribution - Full Abstract in Published Proceedings - Book**


Conference Contribution - Full Abstract in Published Proceedings - Journal


Conference Contribution - Poster


Sattlegger, E., Swanson, M. J., Link, A. J., Hinnebusch, A. G. (2002). Negative regulation of general amino acid control by actin and YIH1, the yeast homolog of mammalian IMPACT. *National Institutes of Health Research Festival*, October 15-18, Bethesda, MD.


**Conference Contribution - Oral Presentation**


Scott, M. J. (2002). Progress towards the development of a transgenic strain of the Australian sheep blowfly (*Lucilia cuprina*), suitable for a male-only sterile release program. *Joint FAO/IAEA Division fo Nuclear Techniques in Food and Agriculture*, July 8-12, RichText, Capri, Italy.

Report for External Body-Commissioned


Creative Work - Journal


Oral Presentation - Professional


Other -Extension Activities

Bradshaw, R. E. (2002).DNA polymorphisms. . Institute of Molecular Biosciences, Massey University Lecture November 26


Thesis - Doctoral

Aschrafi, S. (2002). Role of N-glycans and cysteine residues in the assembly of homotrimeric P2X, receptors(Johann Wolfgang Goethe-Universität). Johann Wolfgang Goethe-Universitat. 0

Working Papers


Institute of Natural Resources

Book - Chapter In, Research


Journal Article - Research


Hamilton-Manns, M., Ross, C. W., Horne, D. J., Baker, C. J. (2002). Subsoil loosening does little to enhance the transition to no-tillage on a structurally degraded soil. *Soil and Tillage Research, 68* (2), 109-119 December http://kea.massey.ac.nz/search/fsoil+and+tillage+research/fsoil+and+tillage+research/1,1,1,B/I856&FF=fsoil+and+tillage+research&1,0,,1,0.


**Journal Contribution - Research**


**Journal Article - Professional & Other**


**Journal Contribution - Professional & Other**


**Conference Contribution - Full Paper In Published Proceedings- Book**


Horne, D. J. (2002). Use of a simple soil water balance to help quantify some aspects of treading. (pp. 95-98). InL. D. Currie, P. Loganathan (Eds.) (ed(s)). *27th Technical Conference of the Fertiliser Manufacturers' Research Association Incorporated*, February 13-14, Massey University, Palmerston North, NZ. Palmerston North, NZ: Massey University.

Kingi, T. T T. (2002). Individualisation of Maori customary tenure and Maori agricultural development. (pp. unpaged-). InDr. S. Boydell (ed(s)). *FAO/USP/RICS Foundation South Pacific Land Tenure Conflict Symposium*, April 10-12, University of the South Pacific, Suva, Fiji. [online]: University of the South Pacific. Available at: http://www.usp.ac.fj/landmgmt/symposium/


### Conference Contribution - Full Paper In Published Proceedings- Journal


Matthew, C., Kemp, P. D., Kerr, G. (2002). Ryegrass cultivars: used or ignored, rightly or wrongly?. (pp. 123-130). *Dairyfarming Annual*, May 8-10, Palmerston North, NZ.

Conference Contribution - Full Abstract in Published Proceedings - Book


Conference Contribution - Full Abstract in Published Proceedings - Journal


Conference Contribution - Poster

Brascamp, W., Kidd, J. L. (2002). Contribution of plants to the well-being of retirement home residents. 26th International Horticultural Congress as part of the Symposium on Expanding Roles for Horticulture and Improving Human Well-Being and Life Quality, August 15, , Toronto, Canada.


Conference Contribution - Oral Presentation


Armstrong, D. P., Davidson, R. S., Dimond, W. J. (2002). Modelling density-dependence in populations of New Zealand forest birds reintroduced to islands. *SEEM4: Statistics in ecology and environmental monitoring*, December 9-13, University of Otago, Dunedin, NZ.


Software

Kraska, T., Stewart, T. M. (2002). Neu Diagnosis for crop protection-ein Planspiel in der phytomedizinischen Ausbildung Bertelsmann, Bielefeld, Germany. 0


Report for External Body-Commissioned


Oral Presentation - Community


Oral Presentation - Professional


Millner, J. P. (2002). *Shelterbelts and their effect on livestock productivity*. Presented to: Farmwise Seminar, Dairy Cattle Research Unit, Massey University. Dairy Cattle Research Unit, Massey University, December 11.

**Other - Extension Activities**


**Technical Reports**


**Monographs**


**Institute of Technology & Engineering**

**Edited Book - Research**


**Book - Chapter In, Research**


**Chapter in Book - Textbooks & Other**


**Journal Article - Research**


**Journal Article - Professional & Other**


**Conference Contribution - Full Paper In Published Proceedings- Book**


Bartley, B., Mann, R. S. (2002). Accelerating business excellence through inter-organisational cooperation. (pp. [unpaged]- InS.K.M Ho & J. Dalrymple (Eds) (ed(s)). *7th International Conference on ISO 9000 & TQM (7-ICIT)*, April 2-4, Melbourne, VIC. Hong Kong: Hong Kong Baptist University.


Diegel, O. (2002). Mapping the black box of innovation with the design breakdown structure. (pp. unpaged- *Project Management Institute of New Zealand: Soaring the Winds of Change Conference 2002*, Auckland, NZ. October 31-November 1, Auckland, NZ.


Houston, D. J. (2002). Quality and the university: Stakeholders, boundary judgements and systems. (pp. 1149-1156). InS. K. M. Ho, & J. Dalrymple (Eds.) (ed(s)). *Change management: Proceedings of*
the 7th International Conference on ISO9000 and TQM, April 2-4, RMIT University, Melbourne, VIC. Hong Kong, China: Hong Kong Baptist University.


Ogden, S., Croall, G., Grigg, N. P. (2002). An investigation into the effectiveness of a service quality improvement programme within Glasgow City Council Building & Services. 6th International Research Symposium on Public Management, 8-10 April, Edinborough, Scotland.


Conference Contribution - Full Abstract in Published Proceedings - Book

Craighead, M., Yule, I. J. (2002). Variability, crop rotation and cultural practices - the NZ experience (17-19). Precision Agriculture in Australasia - A Symposium on Research and Application, August 9, Sydney University, Sydney, Australia. Australian Centre for Precision Agriculture.


Yule, I. J., Eastwood, C. R., Murray, R. I. (2002). Precision agriculture: an integrated approach to soil management (71-74). In P. Stephens, J. Callaghan & A. Austin (Eds) (ed(s)). Soil Quality and Sustainable Land Management Conference, , Massey University, Palmerston North, NZ. April 3-5,


Conference Contribution - Poster


**Conference Contribution - Oral Presentation**


**Intellectual Property-Patents**


**Software**

Diegel, O. (2002). Innovation Works 1.3.3 Complete Design Services, Auckland, NZ. 0
http://www.massey.ac.nz/~odiegel/dbs/

Report for External Body-Commissioned


Oral Presentation - Professional

Houston, D. J. (2002). Academic quality revisited: Stakeholders, boundary judgements and systems. Presented to: Quality Enhancement Meeting (QEM7), Massey University, Palmerston North, NZ. August 22. 22.

Other - Concise Publications


Houston, D. J. (2002). Kaizen. The informed student guide to the management science. London: Thompson 1861525427

Houston, D. J. (2002). Quality control circles. The informed student guide to management science. London: Thomson 1861525427

Houston, D. J. (2002). Seven tools of quality management. The informed student guide to management science. London: Thomson 1861525427


Houston, D. J. (2002). Total quality management. The informed student guide to management science. London: Thomson 1861525427


Thesis - Doctoral


Institute of Vet, Animal & Biomedical Science

Authored Book - Research


**Book - Chapter In, Research**


**Journal Article - Research**


**Journal Contribution - Research - Review**


**Journal Article - Professional & Other**


**Journal Contribution - Professional & Other**


**Journal Contribution - Professional & Other - Review**


**Conference Contribution - Full Paper In Published Proceedings- Book**


Conference Contribution - Full Paper In Published Proceedings - Journal


Kenyon, P. R., Morris, S. T., McCutcheon, S. N. (2002). Does an increase in lamb birth weight through mid-pregnancy shearing necessarily mean an increase in lamb survival rates to weaning?. (pp. 53-56). Proceedings of the New Zealand Society of Animal Production, June 24-26, Massey University, Palmerston North, NZ.


Conference Contribution - Full Abstract in Published Proceedings - Book

Diesch, T. J., Mellor, D. J., Stafford, K. J., Ward, N. N. (2002). The physiological status of newborn dairy calves between birth and four days of age (71-71). 29th Annual Meeting of the Physiological Society of New Zealand, December 4-6, Massey University, Palmerston North, NZ. Massey University.


Kyle, A. H M., Squires, R. A., Davies, P. R. (2002). Serological status and response to vaccination against Canine Distemper (CDV) and Canine Parvovirus (CPV) of dogs vaccinated at different intervals (592 British Small Animal Veterinary Association Congress, April 4-7, Birmingham, UK. British Small Animal Veterinary Association.


Conferece Contribution - Full Abstract in Published Proceedings - Journal


Conference Contribution - Edited Proceedings - Journal


Conference Contribution - Oral Presentation


Gartrell, B. D. (2002). Avicultural medicine. *Foundation for Continuing Education of the New Zealand Veterinary Association Seminar*, July 13-14, Flights of Fancy ~ an Avian and Exotics Symposium, Massey University, Palmerston North, NZ.

Gartrell, B. D. (2002). Companion avian medicine I and II. *Foundation for Continuing Education of the New Zealand Veterinary Association Seminar*, July 13-14, Flights of Fancy ~ an Avian and Exotics Symposium, Massey University, Palmerston North, NZ.

Gartrell, B. D. (2002). Feather picking and self mutilation in birds. *Foundation for Continuing Education of the New Zealand Veterinary Association Seminar*, July 13 - 14, Flights of Fancy ~ an Avian and Exotics Symposium, Massey University, Palmerston North, NZ.


**Conference Contribution - Full Conference Paper**


Software


Oral Presentation - Professional


Other - Concise Publications


Thesis - Doctoral

Kenyon, P. R. (2002). The effect of mid-pregnancy shearing on lamb birthweight and survival to weaning. Massey University. 0

Technical Reports


Nanomaterial Research Centre

Journal Article - Research

Wagner, K., Strojek, J. W., Koziel, K. (2002). Electrochemical and quartz crystal microbalance studies of lead (II) deposition and stripping in the presence of copper on a gold electrode modified with 2,2'-bipyridyl in polyaniline. Analytica Chimica Acta, 455 (1), 69-81.


Thesis - Doctoral

Wagner, K. (2002). Studies of processes during ASV determination of selected heavy metals at solid electrodes. Gliwice, Poland Institute of Physical Chemistry and Technology of Polymers, Gliwice, Poland. 130

New Zealand Centre for Precision Agriculture
Conference Contribution - Full Abstract in Published Proceedings - Journal


Nutrition and Health

Book - Chapter In, Research


Journal Article - Research


Lentle, R. G., Stafford, K. J., Kennedy, M. S., Haslett, S. J. (2002). Rheological properties of digesta suggest little radial or axial mixing in the forestomach of the tammar (Macropus eugenii) and the parma (Macropus parma) wallaby. Physiological and Biochemical Zoology, 75 (6), 572-582.


**Journal Contribution - Research - Review**


**Conference Contribution - Full Paper In Published Proceedings- Book**


**Conference Contribution - Full Paper In Published Proceedings- Journal**


Coad, J., Lentle, R. G. (2002). Cravings and aversions. (pp. 45-54). *Proceedings of the Nutrition Society of New Zealand, September, Auckland, NZ.*

Littin, K. E., Mellor, D. J., O’Connor, C. E. (2002). Ethical and animal welfare questions raised by killing vertebrate pests, and a role for physiology (69-69). *Physiological Society of New Zealand Annual Conference*, December 4-6, Massey University, Palmerston North, NZ. Massey University.

Mellor, D. J., Gregory, N. G. (2002). Applying fundamental physiology to enhance the welfare of fetal and newborn lambs (70-70). *Physiological Society of New Zealand Annual Conference*, December 4-6, Massey University, Palmerston North, NZ. Massey University.


**Conference Contribution - Full Abstract in Published Proceedings - Journal**


**Conference Contribution - Poster**


**Conference Contribution - Oral Presentation**


Chua, W., Cockrem, J. F. (2002). Variation between birds in adrenocortical responses of Japanese quail (Coturnix Coturnix Japonica) and regulation of the response at the anterior pituitary and andrenal gland. *New Zealand Society of Endocrinology Annual Scientific Meeting*, June 5-7, , Christchurch, NZ.


**PVC’s Office-College of Sciences**

**Journal Article - Research**


**Journal Contribution - Research**


**Journal Article - Professional & Other**


**Riddet Centre**

**Book - Chapter In, Research**


**Journal Article - Research**


**Journal Contribution - Professional & Other**


**Conference Contribution - Full Abstract in Published Proceedings - Journal**


**Conference Contribution - Poster**


**Conference Contribution - Oral Presentation**


**Sport and Life Science**

**Journal Article - Research**


**Journal Contribution - Research**


**Conference Contribution - Full Paper In Published Proceedings- Book**


**Conference Contribution - Full Abstract in Published Proceedings - Book**


**Conference Contribution - Full Abstract in Published Proceedings - Journal**


**Conference Contribution - Poster**

**Conference Contribution - Oral Presentation**


McLaren, S. J., Dickinson, P. (2002). Noise in early educational facilities and impacts on the children and teaching staff. *New Zealand Association for Research in Education Conference, December 4-8, , Massey University, Palmerston North, NZ.*


**Report for External Body-Commissioned**


**Performance - Professional & Other - Live**

Morton, R. H. (2002). TVNZ election night programme TVNZ July 27 Commentator

**Oral Presentation - Professional**


**Thesis - Doctoral**


**The Allan Wilson Centre for Molecular Ecology & Evolution**

**Journal Article - Research**


**Conference Contribution - Oral Presentation**


**Report for External Body-Commissioned**