

Postgraduate Research Activity

2001



UNIVERSITY
OF TASMANIA

Contents

Key	4
Arts	
Art (Hobart)	6
Asian Languages and Studies	8
English, Journalism and European Languages	9
Government	10
History and Classics	11
Sociology and Social Work	12
Visual and Performing Arts	13
Commerce	
Accounting and Finance	15
Economics	16
Information Systems	17
Management	18
Education	
Education	20
Health Science	
Human Life Sciences	22
Medicine	
Anatomy and Physiology	23
Biochemistry	25
Medicine (Discipline)	26
Pathology	27
Psychiatry	29
Surgery	30
Menzies Centre	31
Pharmacy	32
Law	
Law	34
Science and Engineering	
Agricultural Science	36
Tasmanian Institute of Agricultural Research	40
Architecture	42
Central Science Laboratory	43
Chemistry	44
Computing	47

CRC – Antarctic and Southern Ocean Environment	48
CRC – Sustainable Production Forestry	50
Earth Sciences	51
Centre for Ore Deposit Research – CODES SRC	52
Engineering	54
Geography and Environmental Studies	57
Mathematics and Physics	
IASOS	58
Mathematics	60
Physics	61
Plant Science	62
Psychology	63
Tasmanian Aquaculture and Fisheries Institute	
Aquaculture	66
Fish Health Unit	69
Marine Research Laboratory	70
Zoology – TAFI Activity	72
Zoology	73

Research Output 2000	77
-----------------------------	-----------

Key

The items of research output listed in this Report have been classified in standard categories by each organisational unit, in response to the increasing interest in bibliometric analysis across the Australian university system. The classification of each item is indicated by a code from the table below, which is given in square brackets following the item description.

- | | |
|--|---|
| A1. Refereed article in a scholarly journal | I1. Contract Report |
| A2. Non refereed article in an scholarly journal | I2. Consultants Report |
| A3. Non refereed article in a professional journal | J1. Application for Australian patent |
| A4. Letter or note | J2. Patent granted in Australia |
| A5. Other refereed contribution to a scholarly journal | J3. Patent granted in Australia and an overseas country |
| A6. Edited journal | J4. Patent granted in an overseas country |
| B1. Authored - research | K1. Audio Recording |
| B2. Authored - other | K2. Visual Recording |
| B3. Edited | K3. Guide to collected sound recordings |
| B4. Revision, new edition | L1. Book of Poetry |
| C1. Chapter in a B1 Book | L2. Novel |
| C2. Chapter in a B2 Book | L3. Long musical work |
| C3. Chapter in a B4 Book | L4. Dramatic work |
| D1. A substantial review of an entire field of study | L5. Catalogue |
| D2. A review of several works | L6. Short story |
| D3. A review of a single work | L7. Poem |
| D4. Any other published review | L8. Song or other short musical work |
| E1. Working Model | L9. Individual exhibition of original art |
| E2. Technical Drawing | L10. Representation of original art |
| F1. Full written paper - refereed | L11. Acquisition - International |
| F2. Full written paper - non refereed | L12. Acquisition - National |
| F3. Extract of paper | M1. Masters Degree by research |
| F4. Edited volume of conference proceedings | M2. Masters Degree by coursework |
| F5. Invitation to chair major international conference | M3. Doctor of Philosophy |
| F6. Invitation to chair major national conference | M4. Higher Doctorate |
| H1. VAX/VMS | M5. Professional Doctorate |
| H2. Workstation; Sun, Silicon Graphics, IBM, DEC | O1. Newspaper article |
| H3. Personal computer; IBM or compatible | O2. Magazine article |
| H4. Personal computer; Macintosh | O3. Media interview |
| H5. Other | O4. Internal newsletter |
| | O5. Report of restricted access |

Postgraduate Research Activity

2001

Arts

Art (Hobart)

Book

Johnson, KL, Ryan, SL (ed), *What the world needs now*, author, Hobart, 16 (2001) [B3]

Chapter in Book

Hobba, L, **Ozolins, BT**, 'How do you frame a minute', *So many things can happen in one minute*, Plimsoll Gallery, Nathalie deBriey (ed), Hobart, 9-10 (2001) [C2]

Review

Knights, MA, 'Myths and Machines', *Artlink: Quarterly Art Review*, 21 (2) 90,91 (2001) [D2]

Major Creative Work

Keating, MJ, *Chinese Thoughts*, Fine Arts Gallery, University of Tasmania (2001) [K3]

Keating, MJ, *Different Reds*, Gallery 4a Asia-Australia Arts Centre Sydney (2001) [K3]

Keating, MJ, *Paper Play*, Smyrnios Gallery Melbourne (2001) [K3]

Keating, MJ, *Paper Play no. 2*, arts@work, Hobart (2001) [K3]

Keating, MJ, *Zhong Guo Jewel*, Casula Powerhouse (2001) [K3]

Ray, AE, *Eleanor Ray: Solo Exhibition*, Centre for Contemporary Photography, 205 Johnston St, Fitzroy, Vic, 3065, 1 (2000) [K3]

Ryan, SL, *I Love U*, CAST, CAST Gallery, 500, 10 (2001) [K3]

Ryan, SL, *I Love U no.2*, Rex-Livingston + Corlette Fine Art, Sydney (2001) [K3]

Watt, YM, *Shadowlands*, Artplace, Artplace, Perth WA (2001) [K3]

Other Creative Work

Johnson, KL, *Somewhere between then and now*, CAST, Hobart, 14 (2001) [L2]

Rhodes, B, 'We Cross, Submerged' in *Between Phenomena: The Panorama and Tasmania*, Plimsoll Gallery, University of Tasmania, Hobart, 3 (2001) [L2]

Berg, C, *Between Phenomena : The Panorama and Tasmania*, Plimsoll Gallery, Hobart, 3 (2001) [L3]

Berg, C, *Half Way There*, Plimsoll Gallery, Hobart, 3 (2001) [L3]

Keating, MJ, *Raid*, Araluen Arts Centre, Alice Springs, one (2001) [L3]

Keating, MJ, *Wheel of Fortune*, Gold Coast Regional Gallery, Gold Coast, one (2001) [L3]

Keating, MJ, *Wheel of fortune*, Long Gallery, Hobart, one (2001) [L3]

Phillips, A, *Earl and I*, Tasmanian Museum and Art Gallery, Hobart, 1 (2001) [L3]

Ray, AE, 'Inscape' in *Glow*, PICA, March 18-April 25, 1999, Perth, 4 (1999) [L3]

Ray, AE, *Between Place and Non-Place*, Victorian College of the Arts and Centre for Contemporary Photography, Melbourne, 16 (2001) [L3]

Ryan, SL, *What the World Needs Now*, 143 Collins Street, Hobart, 16 (2001) [L3]

Bold type indicates the name of the Research Higher Degrees Candidate

* *Not a member of this University*

Swann, HR, *National Sculpture Prize and Exhibition 2001*, National Gallery of Australia, Canberra, 5 (2001) [L3]

Berg, C, *Remnants - unique photogram*, National Gallery of Victoria, Melbourne, 1 (2001) [L4]

Brookes, W, *Tasmanian Museum and Art Gallery, Contemporary Acquisitions programme*, Tasmanian Museum and Art Gallery, Hobart, 1 (2001) [L4]

Cockburn, ET, *Untitled*, Art for Public Buildings Scheme, Hobart, 1 (2001) [L4]

Costello, PG, *2 Screens*, University of Tasmania, Hobart, 2 (2001) [L4]

Costello, PG, *Art School Lectern*, University of Tasmania, Hobart, 1 (2001) [L4]

Costello, PG, *Document Camera Trolley*, University of Tasmania, Hobart, 1 (2001) [L4]

Costello, PG, *Meeting Chairs*, University of Tasmania, Hobart, 12 (2001) [L4]

Costello, PG, *Vice Chancellor's 72 piece and 18 piece dinner setting cabinets*, University of Tasmania, Hobart, 1 (2001) [L4]

Hawley, D, *Painting Commission*, Faculty of Arts, University of Tasmania, Launceston, 4 (2001) [L4]

Hawley, D, *Untitled Variant Series 2001*, Artbank, Sydney, 4 (2001) [L4]

Ryan, SL, *City of Hobart Art Prize*, Carnegie Gallery, Hobart, 1 (2001) [L4]

Watt, YM, *Food for Thought (sheep, pig, bull)*, Artplace, Perth WA, Perth WA, 3 (2001) [L4]

Watt, YM, *La Boca del Witz*, Artplace, Perth, WA, 1 (2001) [L4]

Watt, YM, *Untitled* (2001) [L4]

Thesis Accepted for Higher Degree

Gough, JA, 'Transforming Histories: The Visual Disclosure of Contentious Pasts' (2001) [M3]

Prasil, P, 'Contemporary Furniture Design: Exploring the Iconography of a Technological Aesthetic' (2001) [M3]

Other Public Output

Dewhurst, AJ, 'Elizabeth Greenshields Award - Montreal, Canada' (2001) [O6]

Johnson, KL, 'Arts Tasmania Heritage Residency' (2001) [O6]

Lahy, WS, 'Arthur Boyd Bundanon Trust Residency' (2001) [O6]

MacDermott, MT, 'Wilderness and Heritage Residency - Lake St Clair', *Wilderness and Heritage Residency*, Arts Tasmania, Hobart (2001) [O6]

Ryan, SL, 'Bill Roberts Memorial Tasmania University Scholarship' (2001) [O6]

Asian Languages and Studies

Journal Article

Guo, J., Gao, MCF, 'Moral Conflicts reflected in the Love Stories of Jingju', *Asian Studies Review*, **25** (4) 499-521 (2001) [A1]

Zhang, S., Gao, MCF, 'The Trojan Horse of English Language Teaching: The Contribution of ELT to the De-radicalization of Political Discourse in China', *China Information*, **XV** (2) 114-130 (2001) [A1]

Other Public Output

Bain, L., 'All we need is love: teater Yuka's 'Bisu-in-Blue'', *Jakarta Post*, Jakarta Post.com, Jakarta, **1**, June 2, 2001 (2001) [O1]

Bain, L., 'Teater Garasi's Rain not Dry for Ideas', *The Jakarta Post*, Jakarta Post.com, Jakarta, April16 2001 (2001) [O1]

Bain, L., 'Teater Kita: where ritual meets cartoon', *Jakarta Post*, Jakarta Post.com, Jakarta, **1**, June 5, 2001 (2001) [O1]

Bain, L., 'Teater Mandiri still strong at 30', *The Jakarta Post*, Jakarta Post.com, Jakarta, 23 March 2001 (2001) [O1]

Bain, L., 'An ARTicle about JakART', *Djakarta Magazine*, Djakarta Magazine.com, Jakarta, **1**, June 2001 (2001) [O2]

Bain, L., 'Confused? Some Directions in Post New Order Theatre', *Inside Indonesia*, Jakarta, September 2000 (2000) [O2]

Bain, L., 'kepada teman-teman teater garasi yang baik', *Reportoar Hujan*, Reportoar Hujan.com, Jakarta, April 2001 (2001) [O2]

Bain, L., 'Republik Bagong, Republik Badut', *Djakarta Magazine*, Djakarta magazine.com, Jakarta, **1**, May 2001 (2001) [O2]

Bain, L., 'Siapa Si Artaud', *Djalang Poelang Cultural Bulletin*, Dlalang poelang Cultural Bulletin.com, Jakarta, **1**, July 2001 (2001) [O2]

Bain, L., 'Strange fruit Does Senayan', *Djakarta Magazine*, Djakarta Magazine.com, Jakarta, September 2001 (2001) [O2]

Bain, L., 'Theatre is dead? Long live theatre', *Djakarta Magazine*, Djakarta Magazine.com, Jakarta, July 2001 (2001) [O2]

Bain, L., 'warga negara dotcom? Meruwat sejarah dan ingatan', *Nawalla Cultural Bulletin*, Nawalla Cultural Bulletin.com, Yogyakarta, **1**, February 2001 (2001) [O2]

English, Journalism and European Languages

Review

Delaney, EA, 'Review of Ambient Television: Visitant Culture and Public Space', *Australasian Journal of American Studies*, **20** (2) 136-138 (2001) [D3]

Delaney, EA, 'Review of Tabloid Culture: Trash Taste, Popular Power, and the Transformation of American Television', *Australasian Journal of American Studies*, **20** (2) 119-121 (2001) [D3]

Thesis Accepted for Higher Degree

Hamilton, VM, 'Aspects of Metamorphosis in the Fiction of David Malouf' (2001) [M1]

Ball, M, 'The Story of the Story of ANZAC' (2001) [M3]

Government

Journal Article

Shelley, R, 'Protest and Globalization: Media, Symbols and Audience in the Drama of Democratization', *Democratization*, **8** (4) 155-174 (2001) [A1]

Shelley, R, 'Review of 'The Cultural Construction of Politics in Asia' edited by Hans Antlov and Tak-Wing Ngo', *The China Journal* (45) 186-187 (2001) [A4]

Zwart, IC, 'Review of 'From the Earth Summit to Local Agenda 21: Working Towards Sustainable Development'', *Ecopolitics: Thought + Action*, **1** (2) 75-76 (2001) [A4]

Contract Report, Consultant's Report

Alessandrini, MJ, **Bower, M**, *Colony 47: Review of the Organisational Profile in the Community Sector*, Colony 47 (2001) [I1]

Bower, M, Alessandrini, MJ, *Let's Face It: Local Evaluation*, Anglicare (2001) [I1]

Thesis Accepted for Higher Degree

Grover, AB, 'From Ethnic to Civic Identity: The European Experience' (2001) [M3]

Guo, YJ, 'The Politics of National Identity in Post-Tiananmen China: Cultural Nationalism v. State Nationalism' (2001) [M3]

History and Classics

Journal Article

Grimmer, MR, 'Saxon Bishop and Celtic King: Interactions between Aldhelm of Wessex and Geraint of Dumnonia', *The Heroic Age*, **4** EJ (2001) [A1]

Snowden, DM, 'The Irish Female Arsonists', *The Australian Journal of Irish Studies*, **1** 81-87 (2001) [A1]

Haygarth, NP, 'King of the Waratah: Ferd Kayser and the Mount Bischoff Tin Mine', *Tasmanian Historical Research Association Papers and Proceedings*, **48** (3) 205-19 (2001) [A2]

McFarlane, I, 'Pevay: A Casualty of War', *Tasmanian Historical Research Association Papers and Proceedings*, **48** (4) 280-305 (2001) [A2]

Conference Publication

Harman, O, 'Rituals of Vengeance and Perfection: Les Soeurs (1736-1774): A Study of Rituals used by 'Adoption' (mixed gender) Lodges in Eighteenth-Century French Freemasonry', *French History in the Antipodes*, Victoria University of Wellington, NZ, 22-26 (2001) [F2]

Thesis Accepted for Higher Degree

Cavell, E, 'A Memoir of the Court of Henry VII' (2001) [M1]

Ryan, P, 'Elites in Revolution: A Struggle for Power in New York 1763-1783' (2001) [M1]

Sociology and Social Work

Journal Article

Donoghue, J, 'Bridging and Breaching - The impact of Centrelink breaching on the unemployed', *Parity*, **14** (7) 19 (2001) [A2]

Conference Publication

Hale, J, **Crispin, SH**, White, RD, Hanson, DJ, 'Birds in Flight: Reconceptualising Servicescapes in Ecotourism', *Bridging Marketing Theory and Practice*, Auckland, New Zealand, EJ (2001) [F1]

Hanson, DJ, **Crispin, SH**, White, RD, Dixon, PA, 'Pacific Dunlop and path dependency: An explanation, a test and a problem', *ANZAM 2001: Closing the Divide*, Auckland, New Zealand, EJ (2001) [F1]

Hanson, DJ, White, RD, **Crispin, SH**, 'Responsal routinization: Environmental responsibility in the annual reports of one Australian company', *Sustainability at the Millenium: Globalization, Competitiveness, and the Public Trust*, Bangkok, EJ (2001) [F2]

Other Public Output

Tranter, BK, **Donoghue, J**, 'Arise, Sir Ned, convict chic is dead', *Sydney Morning Herald*, Fairfax, 13.12.01, Sydney (2001) [O3]

Tranter, BK, **Donoghue, J**, 'Bushrangers never so popular', *The Australian*, News Corporation, 13.12.01, Sydney (2001) [O3]

Visual and Performing Arts

Contract Report, Consultant's Report

Glade-Wright, R, *Wall to Wall: Research report*, Godfrey Hirst Australia Pty Ltd, 1 (2001) [I1]

Major Creative Work

Anderson, M, *Norfolk Island: Pacific Periphery*, University of Tasmania, Rostella Gallery, Dilston (2001) [K3]

Anderson, M, *Resistance: curated Exhibition*, University of Tasmania, University gallery, 2001 (2001) [K3]

Other Creative Work

Dewsbury, V, *'Resistance' Catalogue*, University of Tasmania, Launceston, 3 (2001) [L2]

Anderson, M, *Facing Nature*, University of Tasmania, Launceston, 3 (2001) [L3]

Anderson, M, *Souvenir*, University, Launceston, 3 (2001) [L3]

Anglesey, JN, *Edgy*, University Gallery, Launceston, 3 (2001) [L3]

Anglesey, JN, *Souvenir*, University Gallery, Launceston, 5 (2001) [L3]

Anglesey, JN, *Tasmania - Touring The Arts*, World Tourism Convention, Hobart, 3 (2001) [L3]

Broad, EC, *Souvenir*, University Gallery, Launceston, 3 (2001) [L3]

Dewsbury, V, *Facing Nature*, University of Tasmania, Launceston, 3 (2001) [L3]

Hoffmann, NE, *7 works in Claydown Tasmania 2001*, Artifakt, Deloraine/Tasmania, 7 (2001) [L3]

Hoffmann, NE, *Moving On*, University Gallery, Launceston, 5 (2001) [L3]

Pitchford, J, *Insight, Synergy Art Space*, Royal on George, Launceston, 3 (2001) [L3]

Pitchford, J, *Variance, Synergy Art Space*, Royal on George, Launceston, 3 (2001) [L3]

Weeding, HP, *Different Points of View*, Northy Sydney Fine Art Gallery, North Sydney, 6 (2001) [L3]

Weeding, HP, *Images of Tasmania*, Long & Sidespace Galleries, Hobart, 8 (2001) [L3]

Weeding, HP, *Souvenir*, University Gallery, Launceston, 4 (2001) [L3]

Thesis Accepted for Higher Degree

Anderson, M, 'Norfolk Island: Pacific Periphery' (2001) [M1]

Broad, EC, 'Master of Fine Arts' (2001) [M1]

Glade-Wright, R, 'Master of Fine Arts (RHD)' (2001) [M1]

Batten, CM, 'Master of Fine Art & Design' (2001) [M2]

Hoffmann, NE, 'Master of Fine Art & Design' (2001) [M2]

Weeding, HP, 'Master of Fine Art & Design' (2001) [M2]

Other Public Output

Anderson, M, 'Resistance is useful as Theme', *The Examiner Newspaper*, Rural Press, Launceston, 1, 2001 (2001) [O1]

Anderson, M, 'Islands, Freedom and resistance', *Unitas*, University of Tasmania, Launceston, 209, June, 2001 (2001) [O4]

Bold type indicates the name of the Research Higher Degrees Candidate

* *Not a member of this University*

Postgraduate Research Activity

2001

Commerce

Accounting and Finance

Journal Article

Godfrey, JM, **Koh, PS**, 'The Relevance To Firm Valuation Of Capitalising Intangible Assets In Total And By Category', *Australian Accounting Review*, **11** (2) 39-48 (2001) [A1]

Economics

Journal Article

Felmingham, BS, **Zhang, Q**, 'The Long Run Demand for Broad Money in Australia Subject to Regime Shifts', *Australian Economics Papers*, **40** (2) 146-155 (2001) [A1]

Zhang, Q, Felmingham, BS, 'The relationship between inward direct foreign investment and China's provincial export trade', *China Economic Review* (12) 82-99 (2001) [A1]

Information Systems

Conference Publication

Clarke, JL, Turner, P, 'Information Systems Strategy and knowledge-based SMEs: Developing a framework for analysis of the Australian Biotechnology Industry', *Proceedings of the Twelfth Australasian Conference on Information Systems*, Coffs Harbour, NSW, Australia, 131-139 (2001) [F1]

Thesis Accepted for Higher Degree

Milton, SK, 'An ontological comparison and evaluation of data modelling frameworks' (2000) [M3]

Ridley, G, 'Information Systems Research in Australia, 1980-1996' (2000) [M3]

Young, J, 'The Career Paths of Computer Science and Information Systems Major

Management

Conference Publication

Hale, J, **Crispin, SH**, White, RD, Hanson, DJ, 'Birds in Flight: Reconceptualising Servicescapes in Ecotourism', *Bridging Marketing Theory and Practice*, Auckland, New Zealand, EJ (2001) [F1]

Hanson, DJ, **Crispin, SH**, White, RD, Dixon, PA, 'Pacific Dunlop and path dependency: An explanation, a test and a problem', *ANZAM 2001: Closing the Divide*, Auckland, New Zealand, EJ (2001) [F1]

Holland, P, **Wickham, MD**, 'Mandatory drug testing in the workplace: Issues, problems, agendas', *ANZAM 2001: Closing the Divide*, Auckland, New Zealand, EJ (2001) [F1]

Wickham, MD, Holland, P, Hecker, R, 'CEO pay and organisational performance in Australia: Is there a relationship?', *ANZAM 2001: Closing the Divide*, Auckland, New Zealand, EJ (2001) [F1]

Woods, M, Hecker, R, 'Strategic management in the Tasmanian public sector: A case study of stakeholder management', *ANZAM 2001: Closing the Divide*, Auckland, New Zealand, EJ (2001) [F1]

Hanson, DJ, White, RD, **Crispin, SH**, 'Responsal routinization: Environmental responsibility in the annual reports of one Australian company', *Sustainability at the Millenium: Globalization, Competitiveness, and the Public Trust*, Bangkok, EJ (2001) [F2]

Thesis Accepted for Higher Degree

Sutiyono, W, 'Human Resource Management and its Contextual Environment in a Changing Economy: Current and Future Trends in Indonesia' (2001) [M3]

Postgraduate Research Activity

2001

Education

Education

Journal Article

Churchill, R, **Kelly, MN**, Mulford, WR, 'A Report Card for Our Schools: A National Survey of Public Perceptions of Education in Australia', *Australian Education Review* (13) EJ (2001) [A1]

Kilpatrick, SI, **Hazzlewood, JM**, 'From window shopper to eSenior: Seniors learning online', *Australian Journal of Adult Learning*, **41** (2) 153-170 (2001) [A1]

Bell, R, Kilpatrick, SI, Kilpatrick, P*, 'Vocational Education and Training in Rural Schools: Education for the community', *Vocal - The Australian Journal of Vocational Education and Training in Schools*, **3** 31-34 (2001) [A2]

Hazzlewood, JM, 'The pebble in the community pond: IYOP 1999 to IYOV 2001', *Australian Journal of Adult Learning*, **41** (4) 239-250 (2001) [A2]

Book

Falk, IH, **Millar, P**, *Review of research: Literacy and numeracy in vocational education and training*, NCVET, Leabrook South Australia, 77 (2001) [B2]

Other Public Output

Hazzlewood, JM, Kilpatrick, SI, 'Seniors online: Learning outcomes from internet access', *Seniors online: Learning outcomes from internet access*, Telstra Research, Australia, **1**, 1 (2001) [O5]

Postgraduate Research Activity

2001

Health Science

Human Life Science

Journal Article

Hobby, AC, Pankhurst, NW, Geraghty, DP, 'A Comparison of sex steroid binding protein (SBP) in four species of teleost fish', *Fish Physiology and Biochemistry*, **23** 245-256 (2000) [A1]

Killian, JK*, Buckley, TR*, **Stewart, NJ**, Munday, BL, Jirtle, RL*, 'Marsupials and Eutherians reunited: genetic evidence for the Theria hypothesis of mammalian evolution', *Mammalian Genome*, **12** 513-517 (2001) [A1]

Killian, JK*, Nolan, CM*, **Stewart, NJ**, Munday, BL, Andersen, NA, Nicol, S, Jirtle, RL*, 'Monotreme *IGF2* Expression and Ancestral Origin of Genomic Imprinting', *Journal of Experimental Zoology (Molecular Development & Evolution)*, **291** 205-212 (2001) [A1]

Watts, M, Munday, BL, Burke, CM, 'Immune responses of teleost fish', *Australian Veterinary Journal*, **79** (8) 570-574 (2001) [A1]

Watts, M, Munday, BL, Burke, CM, 'Isolation and partial characterisation of immunoglobulin from southern bluefin tuna *Thunnus maccoyii* Castelnau', *Fish & Shellfish Immunology*, **11** 491-503 (2001) [A1]

Watts, M, Munday, BL, Burke, CM, 'Production, characterisation and diagnostic use of antisera to southern bluefin tuna (*Thunnus maccoyii* Castelnau) immunoglobulin', *Aquaculture*, **199** (1) 245-257 (2001) [A1]

Conference Publication

Ahuja, KDK, Ball, MJ, 'Effect of monounsaturated fat in the diet on the serum lycopene levels', *Asia Pacific Journal of Clinical Nutrition*, Canberra, Australia, S62 (2001) [F3]

Geraghty, DP, **Mazzone, SB**, Carter, C, 'Respiratory actions of the non-pungent vanilloid receptor agonists, anandamide and olvanil, in the nucleus of the solitary tract of the rat', *Proceeding of ASCEPT*, Dunedin, New Zealand, 46 (2001) [F3]

Smith, TP, Dilger, JR, Davoren, B*, Geraghty, DP, Coombes, JS*, 'Optimising high intensity treadmill training using $v\text{VO}_2\text{max}$ and T_{max} ', *Medicine and Science in Sports and Exercise*, Baltimore, United States of America, S131 (2001) [F3]

Stewart, NJ, Munday, BL, 'Recent research on ulcerative mycosis of platypuses: epidemiological interpretations', *Proceedings of Veterinary Conservation Biology Wildlife Health and Management in Australia*, Sydney, Australia, 291 (2001) [F3]

Stewart, NJ, Munday, BL, 'What do serological responses in platypuses against *Mucor* spp really mean?', *Proceedings of Veterinary Conservation Biology Wildlife Health and Management in Australia*, Sydney, Australia, 292 (2001) [F3]

Contract Report, Consultant's Report

Burke, CM, Harris, JO, **Hindrum, SM**, Edwards, SJ, Maguire, GB*, *Environmental Requirments of Abalone*, FRDC, 97/323 (2001) [I1]

Thesis Accepted for Higher Degree

Ahuja, KDK, 'Effect of monounsaturated fat in the diet on the serum carotenoid levels' (2001) [M1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Medicine

Anatomy and Physiology

Journal Article

Bethge, P, Munks, SA, Nicol, SC, 'Energetics of foraging and locomotion in the platypus *Ornithorhynchus anatinus*', *Journal of Comparative Physiology B-Biochemical Systemic and Environmental Physiology*, **171** 497-506 (2001) [A1]

Dziegielewska, KM, **Ek, J**, Saunders, NR, 'Development of the Choroid Plexus', *Microscopy Research and Technique*, **52** (1) 5-20 (2001) [A1]

Ek, CJ, Habgood, MD, Dziegielewska, KM, Potter, A, Saunders, NR, 'Permeability and route of entry for lipid-insoluble molecules across brain barriers in developing *Monodelphis domestica*', *Journal of Physiology-London*, **536** (3) 841-853 (2001) [A1]

Fry, EJ, 'Central nervous system regeneration: mission impossible?', *Clinical and Experimental Pharmacology and Physiology*, **28** 253-258 (2001) [A1]

Killian, JK*, Nolan, CM*, **Stewart, NJ**, Munday, BL, Andersen, NA, Nicol, S, Jirtle, RL*, 'Monotreme *IGF2* Expression and Ancestral Origin of Genomic Imprinting', *Journal of Experimental Zoology (Molecular Development & Evolution)*, **291** 205-212 (2001) [A1]

Woodhall, E, West, AK, Chuah, MI, 'Cultured olfactory ensheathing cells express nerve growth factor, brain-derived neurotrophic factor, glia cell line-derived neurotrophic factor and their receptors', *Molecular Brain Research*, **88** (1-2) 203-213 (2001) [A1]

Conference Publication

Bethge, P, Nicol, SC, 'Energy requirements for different activities, including the cost of foraging, in the platypus (*Ornithorhynchus anatinus*)', *Proceedings of the ANZSCPB*, University of Western Australia, Perth, 7 (1998) [F3]

Bethge, P, Otley, H, Munks, SA, Nicol, SC, 'The use of dataloggers to determine behavioural activity in the platypus (*Ornithorhynchus anatinus*)', *Proceedings of the ANZSCPB*, University of Western Australia, Perth, 23 (1998) [F3]

Bevin, MJ, Dziegielewska, KM, Habgood, MD, Stolp, HB, Saunders, NR, 'Interleukin 1? and its processing enzyme, cathepsin-g in developing rat brain', *Proceedings of the Australian Neuroscience Society*, Brisbane, 159 (2001) [F3]

Bevin, MJ, Dziegielewska, KM, Habgood, MD, Stolp, HB, Saunders, NR, 'Interleukin 1? and its processing enzyme, cathepsin-g in developing rat brain', *Proceedings of the Australian Neuroscience Society*, Brisbane, 159 (2001) [F3]

Ek, CJ, Habgood, MD, Dziegielewska, KM, Saunders, NR, 'Permeability and route of entry for lipid insoluble molecules in the very immature brain of the opossum (*Monodelphis domestica*)', *International Congress of Physiological Sciences*, Tasmania, 34 (2001) [F3]

Fry, EJ, Saunders, NR, 'Early regeneration of cut axons following spinal cord transection in the neonatal opossum, *Monodelphis domestica*', *Proceedings of the Australian Neuroscience Society*, Brisbane, 145 (2001) [F3]

Bold type indicates the name of the Research Higher Degrees Candidate

* *Not a member of this University*

Lane, MA, Dziegielewska, KM, Saunders, NR,
'Changes to the blood-spinal cord barrier to protein following injury in neonatal animals',
International Congress Physiology Society - BBB satellite meeting, Tasmania, 22 (2001) [F3]

Lane, MA, Dziegielewska, KM, Muller, HK, Saunders, NR, 'Re-establishment of blood-spinal cord barrier to protein following injury',
Proceedings of the Australian Neuroscience Society, Brisbane, 168 (2001) [F3]

Saunders, NR, **Ek, CJ, Habgood, MD*, Dziegielewska, KM,** 'Barriers in the fetal brain: Developmental specialisation or immaturity',
International Congress Physiology Society - BBB satellite meeting, Tasmania, 22 (2001) [F3]

Medicine

Biochemistry

Journal Article

Clark, ADH, **Youd, JM**, Rattigan, S, Barrett, EJ*, Clark, MG, 'Heterogeneity of laser Doppler flowmetry in perfused muscle indicative of nutritive and non nutritive flow', *American Journal of Physiology*, **280** (3) H1324-H1333 (2001) [A1]

Clark, ADH, Barrett, EJ*, Rattigan, S, **Wallis, MG**, Clark, MG, 'Insulin stimulates laser Doppler signal by rat muscle *in vivo*, consistent with nutritive flow recruitment', *Clinical Science*, **100** (3) 283-290 (2001) [A1]

Newman, JMB, **DiMaria, CA**, Rattigan, S, Clark, MG, 'Nutritive blood flow affects microdialysis O/I ratio for [¹⁴C]ethanol and ³H₂O in perfused rat hindlimb', *American Journal of Physiology-Heart and Circulatory Physiology*, **281** (6) H2731-H2737 (2001) [A1]

Rattigan, S, **Wallis, MG**, **Youd, JM**, Clark, MG, 'Exercise Training Improves Insulin-Mediated Capillary Recruitment in Association With Glucose Uptake in Rat Hindlimb', *Diabetes*, **50** 2659-2665 (2001) [A1]

Vincent, MA, Rattigan, S, Clark, MG, 'Size-Dependent Effects of Microspheres on Vasoconstrictor-Mediated Change in Oxygen Uptake by Perfused Rat Hindlimb', *Microvascular Research*, **62** (2) 306-314 (2001) [A1]

Vincent, MA, Rattigan, S, Clark, MG, Bernard, SL*, Glenny, RW*, 'Spatial Distribution of Nutritive and Nonnutritive Vascular Routes in Perfused Rat Hindlimb Muscle Using Microspheres', *Microvascular Research*, **61** 111-121 (2001) [A1]

Woodhall, E, West, AK, Chuah, MI, 'Cultured olfactory ensheathing cells express nerve growth factor, brain-derived neurotrophic factor, glia cell line-derived neurotrophic factor and their receptors', *Molecular Brain Research*, **88** (1-2) 203-213 (2001) [A1]

Conference Publication

Clark, ADH, **Wallis, MG**, Rattigan, S, Barrett, EJ*, Clark, MG, 'Insulin-mediated capillary recruitment is impaired in muscle of obese Zucker rats', *Diabetes, Vol 50, Supplement 2*, Philadelphia, A329 (2001) [F3]

Newman, JMB, **DiMaria, CA**, Rattigan, S, Clark, MG, 'Nutritive and non-nutritive blood flow in muscle affects microdialysis outflow/inflow ratio', *Proceedings of the 7th World Congress for Microcirculation*, Sydney, Pos 2-30 (2001) [F3]

Rattigan, S, **Wallis, MG**, **Youd, JM**, Clark, MG, 'Exercise training by rats enhances insulin's microvascular effects in skeletal muscle', *Proceedings of the 7th World Congress for Microcirculation*, Sydney, Pos 1-49 (2001) [F3]

Rattigan, S, **Wallis, MG**, **Youd, JM**, Clark, MG, 'Insulin-mediated capillary recruitment and glucose uptake in rat hindlimb enhanced by voluntary exercise training', *Diabetes, Vol 50, Supplement 2*, Philadelphia, A225 (2001) [F3]

Vincent, MA, Rattigan, S, Clark, MG, Barrett, EJ*, 'Inhibition of nitric oxide synthase prevents insulin-stimulated capillary recruitment and glucose uptake in skeletal muscle *in vivo*', *Diabetes, vol 50, Supplement 2*, Philadelphia, A334 (2001) [F3]

Thesis Accepted for Higher Degree

Clerk, LH, 'Muscle fuel uptake' (2001) [M3]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Medicine

Medicine (Discipline)

Journal Article

Connor, CE, Burrows, J, Hearps, AC, Woods, GM, Lowenthal, RM, Ragg, SJ, 'Cell Cycle Arrest of Hematopoietic Cell Lines After Treatment With Ceramide Is Commonly Associated With Retinoblastoma Activation', *Cytometry*, **43** (3) 164-169 (2001) [A1]

Jackson, SL, Peterson, GM, Vial, JH, Daud, R, Ang, SY, 'Outcomes in the management of atrial fibrillation: clinical trial results can apply in practice', *Internal Medicine Journal*, **31** (1) 329-336 (2001) [A1]

Conference Publication

Burrows, J, **Connor, C**, Ragg, SJ, 'Screening human leukaemia cell lines for genes involved in ceramide-induced growth arrest and terminal differentiation', *The Australian Cancer Society Conference Abstract*, Lorne Victoria (2001) [F3]

Connor, C, Burrows, J, Woods, GM, Ragg, SJ, 'Ceramide activates the retinoblastoma protein via two independent mechanisms and induces maturation of human leukaemia cells', *Abstract*, Lorne Victoria (2001) [F3]

Vial, JH, Thompson, RS, **Narkowicz, CK**, Yong, AC, Walker, J*, 'Response to single dose and chronic ibuprofen in chronic back pain sufferers', *Proceedings of ASCEPT*, Dunedin, New Zealand, 52 (2001) [F3]

Medicine

Pathology

Journal Article

Connor, CE, Burrows, J, Hearps, AC, Woods, GM, Lowenthal, RM, Ragg, SJ, 'Cell Cycle Arrest of Hematopoietic Cell Lines After Treatment With Ceramide Is Commonly Associated With Retinoblastoma Activation', *Cytometry*, **43** (3) 164-169 (2001) [A1]

Dandie, GW, **Clydesdale, GJ**, Radcliff, FJ, Muller, HK, 'Migration of Langerhans cells and $\alpha\alpha^+$ dendritic cells from UV-B-irradiated sheep skin', *Immunology and Cell Biology*, **79** (1) 41-48 (2001) [A1]

Dziegielewska, KM, **Ek, J**, Saunders, NR, 'Development of the Choroid Plexus', *Microscopy Research and Technique*, **52** (1) 5-20 (2001) [A1]

Ek, CJ, Habgood, MD, Dziegielewska, KM, Potter, A, Saunders, NR, 'Permeability and route of entry for lipid-insoluble molecules across brain barriers in developing *Monodelphis domestica*', *Journal of Physiology-London*, **536** (3) 841-853 (2001) [A1]

King, CE, Cauty, AJ, Vickers, JC, 'Alteration in neurofilaments associated with reactive brain changes and axonal sprouting following acute physical injury to the rat neocortex', *Neuropathology and Applied Neurobiology*, **27** (2) 115-126 (2001) [A1]

Trambas, CM, Wang, Z, Cianfriglia, M*, Woods, GM, 'Evidence that natural killer cells express mini P-glycoproteins but not classic 170 kDa P-glycoprotein', *British Journal of Haematology*, **114** (1) 177-184 (2001) [A1]

Woods, GM, **Chen, YP**, Dewar, AL, Doherty, KV, Toh, BH*, Muller, HK, 'Prevention of Autoimmunity by Induction of Cutaneous Tolerance', *Cellular Immunology*, **207** (1) 1-5 (2001) [A1]

Review

Clydesdale, GJ, Dandie, GW, Muller, HK, 'Ultraviolet light induced injury: Immunological and inflammatory effects', *Immunology and Cell Biology*, **79** (6) 547-568 (2001) [D1]

List, SS, 'The challenge of bacterial contamination of blood products', *Microbiology Australia*, **22** (5) 36-40 (2001) [D4]

Conference Publication

Bellette, BM, Woods, GM, Muller, HK, 'Altered kinetics of antigen uptake by neonatal Langerhans cell: Implications for tolerance induction', *Natural Products Which Modulate Tissue Repair*, Sydney, 12 (2001) [F3]

Bevin, MJ, Dziegielewska, KM, Habgood, MD, Stolp, HB, Saunders, NR, 'Interleukin 1 β and its processing enzyme, cathepsin-g in developing rat brain', *Proceedings of the Australian Neuroscience Society*, Brisbane, 159 (2001) [F3]

Bevin, MJ, Dziegielewska, KM, Habgood, MD, Stolp, HB, Saunders, NR, 'Interleukin 1 β and its processing enzyme, cathepsin-g in developing rat brain', *Proceedings of the Australian Neuroscience Society*, Brisbane, 159 (2001) [F3]

Connor, C, Burrows, J, Woods, GM, Ragg, SJ, 'Ceramide activates the retinoblastoma protein

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

via two independent mechanisms and induces maturation of human leukaemia cells', *Abstract*, Lorne Victoria (2001) [F3]

Ek, CJ, Habgood, MD, Dziegielewska, KM, Saunders, NR, 'Permeability and route of entry for lipid insoluble molecules in the very immature brain of the opossum (*Monodelphis domestica*)', *International Congress of Physiological Sciences*, Tasmania, 34 (2001) [F3]

Lane, MA, Dziegielewska, KM, Saunders, NR, 'Changes to the blood-spinal cord barrier to protein following injury in neonatal animals', *International Congress Physiology Society - BBB satellite meeting*, Tasmania, 22 (2001) [F3]

Lane, MA, Dziegielewska, KM, Muller, HK, Saunders, NR, 'Re-establishment of blood-spinal cord barrier to protein following injury', *Proceedings of the Australian Neuroscience Society*, Brisbane, 168 (2001) [F3]

List, SS, Kirov, SM, 'Bacterial Contamination of Stored Blood Products', *Microbiology Australia*, Burswood, WA, A127 (2001) [F3]

Muller, HK, Doherty, KV, Dewar, AL, **Chen, YP**, Toh, BH*, Woods, GM, 'Immature Langerhans cells: Central role in tolerance induction in carcinogen-treated and neonatal skin', *Journal of Investigative Dermatology*, Stresa, Italy, 1010 (2001) [F3]

Saunders, NR, **Ek, CJ**, Habgood, MD*, Dziegielewska, KM, 'Barriers in the fetal brain: Developmental specialisation or immaturity', *International Congress Physiology Society - BBB satellite meeting*, Tasmania, 22 (2001) [F3]

Trambas, CM, Wang, Z, Woods, GM, 'Expression of mini-P-glycoprotein but not classical P-glycoprotein in human natural killer cells', *Scandinavian Journal of Immunology*, Stockholm, Sweden, Wed - 78 (2001) [F3]

Medicine

Psychiatry

Journal Article

Dewis, LM, Kirkby, KC, Martin, F, Daniels, BA, Gilroy, L, Menzies, RG*, 'Computer-aided vicarious exposure versus live graded exposure for spider phobia in children', *Journal of Behaviour Therapy and Experimental Psychiatry*, **32** 17-27 (2001) [A1]

Walter, G*, **Martin, JE**, Kirkby, KC, Pridmore, S, 'Transcranial magnetic stimulation: experience, knowledge and attitudes of recipients', *Australian and New Zealand Journal of Psychiatry*, **35** (1) 58-61 (2001) [A1]

Medicine

Surgery

Conference Publication

Bhatia, K, Lord, RJ, Stanton, P, 'Analysis of the breast cancer proteome and protein characterization of the disease state', *Surgical Research Society of Australasia*, Hobart, 27 (2001) [F3]

Other Public Output

Bhatia, K, Lord, RJ, Stanton, P, 'RHH Foundation Seeding Grants', *The Mercury*, Davies Brothers, Australia, 17 Jan (2001) [O1]

Menzies Centre

Journal Article

van der Mei, I, Ponsonby, AL, Blizzard, CL,
Dwyer, T, 'Regional Variation in Multiple
Sclerosis Prevalence in Australia and Its
Association with Ambient Ultraviolet
Radiation', *Neuroepidemiology*, **20** 168-174 (2001)
[A1]

Pharmacy

Journal Article

Jackson, SL, Peterson, GM, Vial, JH, Daud, R, Ang, SY, 'Outcomes in the management of atrial fibrillation: clinical trial results can apply in practice', *Internal Medicine Journal*, **31** (1) 329-336 (2001) [A1]

McLean, SR, **Pass, GJ**, Foley, WJ*, Brandon, S, Davies, NW, 'Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, *Trichosurus vulpecula*', *Journal of Chemical Ecology*, **27** (6) 1077-1089 (2001) [A1]

Pass, GJ, McLean, SR, Stupans, I*, Davies, NW, 'Microsomal metabolism of the terpene 1,8-cineole in the common brushtail possum (*Trichosurus vulpecula*), koala (*Phascolarctos cinereus*), rat and human', *Xenobiotica*, **31** (4) 205-221 (2001) [A1]

Conference Publication

McLean, SR, Brandon, S, Davies, NW, Boyle, RR, Foley, WJ*, Moore, B*, **Pass, GJ**, 'Glycosuria in the koala', *Proceedings of ASCEPT*, Dunedin, NZ, 87 (2001) [F3]

Postgraduate Research Activity

2001

Law

Bold type indicates the name of the Research Higher Degrees Candidate

** Not a member of this University*

Law

Conference Publication

Goold, IL, 'The Legal Status of Human Tissue in the 21st Century: Could a Property Approach be the Answer?', *Proceedings of Australian Institute of health law and Ethics Conference 2000*, Sydney, 1-25 (2001) [F2]

Goold, IL, 'Tissue Donation: When Does Ethical Guidance Become Legal Enforceability?', *Regulating Human Genetics: A Symposium*, Hobart, 92-108 (2001) [F2]

Postgraduate Research Activity

2001

Science and Engineering

Agricultural Science

Journal Article

- Barry, KM**, Pearce, RB*, Evans, SD*, Hall, LD*, Mohammed, CL, 'Initial defence responses in sapwood of *Eucalyptus nitens* (Maiden) following wounding and fungal inoculation', *Physiological and Molecular Plant Pathology*, **58** (2) 63-72 (2001) [A1]
- Brown, MV**, Bowman, JP, 'A molecular phylogenetic survey of sea-ice microbial communities (SIMCO)', *FEMS Microbiology Ecology*, **35** 267-275 (2001) [A1]
- Davies, JT**, Allen, GR, Williams, MA*, 'Dispersal of *Acalitus essigi* to blackberry (*Rubus fruticosus* agg.) fruit', *Entomologia Experimentalis et Applicata*, **101** (1) 19-23 (2001) [A1]
- Garnett, TP**, Shabala, SN, Smethurst, PJ, Newman, IA, 'Simultaneous measurement of ammonium, nitrate and proton fluxes along the length of eucalypt roots', *Plant and Soil*, **236** 55-62 (2001) [A1]
- Howlett, BG**, Clarke, AR*, Madden, JL, 'The influence of leaf age on the oviposition preference of *Chrysophtharta bimaculata* (Olivier) and the establishment of neonates', *Agricultural and Forest Entomology*, **3** 121-127 (2001) [A1]
- Lacey, MJ**, Wilson, CR, 'Relationship of Common Scab Incidence of Potatoes Grown in Tasmanian Ferrosol Soils with pH, Exchangeable Cations and other Chemical Properties of those Soils', *Journal of Phytopathology*, **149** (11-12) 679-683 (2001) [A1]
- Lewis, TE**, Nichols, PD*, McMeekin, TA, 'Sterol and Squalene Content of a Docosahexaenoic-Acid-Producing Thraustochytrid: Influence of Culture Age, Temperature, and Dissolved Oxygen', *Marine Biotechnology*, **3** (5) 439-447 (2001) [A1]
- Lister, SK**, Line, MA, 'Potential utilisation of sewage sludge and paper mill waste for biosorption of metals from polluted waterways', *Bioresource Technology*, **79** (1) 35-39 (2001) [A1]
- Milgate, A**, Yuan, ZQ, Vaillancourt, RE, Mohammed, CL, '*Mycosphaerella* species occurring on *Eucalyptus globulus* and *Eucalyptus nitens* plantations of Tasmania, Australia', *Forest Pathology*, **31** 53-63 (2001) [A1]
- Milgate, A**, Yuan, ZQ, Vaillancourt, RE, Mohammed, CL, '*Mycosphaerella* species occurring on *Eucalyptus globulus* and *Eucalyptus nitens* plantations of Tasmania, Australia', *Forest Pathology*, **31** 53-63 (2001) [A1]
- Nahrung, HF**, Dunstan, PK, Allen, GR, 'Larval gregariousness and neonate establishment of the eucalypt-feeding beetle *Chrysophtharta agricola* (Coleoptera: Chrysomelidae: Paropsini)', *OIKOS*, **94** (2) 358-364 (2001) [A1]
- Shabala, SI**, Shabala, SN, Ross, T, McMeekin, TA, 'Membrane transport activity and ultradian ion flux oscillations associated with cell cycle of *Thraustochytrium* sp', *Australian Journal of Plant Physiology*, **28** (Jun) 87-99 (2001) [A1]
- Shadbolt, CT**, Ross, T, McMeekin, TA, 'Differentiation of the effects of lethal pH and water activity: food safety implications', *Letters in Applied Microbiology*, **32** 99-102 (2001) [A1]
- Tabart, TL, **Fulton, A**, Clark, RJ, 'Taking the future in their hands: Local development practice around the world', *Rural Society*, **11** (1) 5-21 (2001) [A1]
- Eyles, A**, Mohammed, CL, Lane, PA, 'The hidden world of grass endophytes', *The Tasmanian Naturalist*, **123** (2001) 12-15 (2001) [A2]

Howlett, BG, 'Oviposition site selection by the eucalypt herbivore *Chrysophtharta bimaculata*', *Australian Journal of Entomology*, **40** (April 2001) 205 (2001) [A3]

Pethybridge, SJ, Hay, FS, Wilson, CR, Sherriff, LJ*, Leggett, GW*, 'First Report of *Fusarium crookwellense* Causing Tip Blight on Cones of Hop', *Plant Disease*, **85** (11) 1208 (2001) [A3]

Pethybridge, SJ, Hay, FS, Wilson, CR, Sherriff, LJ*, Leggett, GW*, 'First Report of Infection by *Alternaria alternata* on Cones of Hop in Australia', *Plant Disease*, **85** (7) 804 (2001) [A3]

Conference Publication

Davies, SR, Brown, PH, Doyle, RB, 'Herbicide Dose-Response Curve for Poppies', *Proceedings of the Xth Australian Agronomy Conference*, Hobart, Tasmania, EJ (2001) [F1]

Davies, SR, Lane, PA, 'The Germination Behaviour of *Dorycnium* spp. in Response to Temperature', *Proceedings of the Xth Australian Agronomy Conference*, Hobart, Tasmania, EJ (2001) [F1]

Neilsen, JE, Rowe, BA, Lane, PA, 'Leaf Area Development and Growth of Two Irrigated Brassica Forage Crops', *Proceedings of the Xth Australian Agronomy Conference*, Hobart, Tasmania, EJ (2001) [F1]

Tegg, RS, Lane, PA, 'Shade Adaptation of Established Turfgrass Improved by Plant Growth Regulator', *Proceedings of the Xth Australian Agronomy Conference*, Hobart, Tasmania, EJ (2001) [F1]

Horton, B*, Lang, MD, Denwood, TC, **Horton, JD**, Champion, SC, 'Flytrapping in Tasmania: effective use of traps in a cool temperate climate', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 266-272 (2001) [F2]

Horton, B*, **Horton, JD**, Champion, SC, 'Flytrapping in Tasmania: use of traps for flystrike control and monitoring fly populations', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 293-301 (2001) [F2]

Horton, JD, Champion, SC, 'Some current sheep management strategies for low residue fly and lice control', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 443-453 (2001) [F2]

Horton, JD, Champion, SC, 'Wool producer knowledge of flystrike control', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 433-442 (2001) [F2]

Horton, JD, Champion, SC, 'Wool producer perceptions of their flystrike problem', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 428-432 (2001) [F2]

Ramona, Y, Line, MA, 'Utilization of compost for the low-cost production of microbial inhibitors of plant pathogens', *Conference Proceedings 2001 13th Annual Conference Workshops & Trade Exhibition WasteMINZ*, Christchurch, New Zealand, 251257 (2001) [F2]

Scott, JB, Hay, FS, Wilson, CR, Cotterill, BJ*, Fist, AJ*, 'Epidemiology of Downy Mildew of Oilseed Poppy in Tasmania', *Conference Handbook Australasian Plant Pathology Society 13th Biennial Conference*, Cairns, QLD, Australia, 303 (2001) [F2]

Tabart, TL, **Fulton, A**, Clark, RJ, 'Communities taking the future in their hands - the Valley Vision story', *Paper Presented at the International Conference on Community Development*, Rotorua, New Zealand, EJ (2001) [F2]

Weatherley, JW, Fulton, A, Paine, M*, Champion, SC, Crawford, A*, 'Australian dairy research farmlets making the transition into farming systems research and extension: the challenges for extension', *Refereed Proceedings APEN 2001 International Conference*, Toowoomba, QLD, 6 (2001) [F2]

Barrett, RM, Crowther, PC, Laurence, RCN, Lincolne, R, 'Remote Sensing as an aid to Tasmanian Horticultural Crop Recording and Husbandry', *Conference Proceeding (Poster Presentation)*, Sydney, NSW, 3 (2001) [F3]

Carter, CG, **Brandsen, MP, Lewis, T**, Attard, M, Nichols, PD*, 'The potential of thraustochytrids as a replacement for fish oil in feeds for Atlantic salmon, *Salmo salar* L', *The Cultivation of Salmon II*, Bergen, Norway, 11-12 (2001) [F3]

Chilvers, MI, Hay, FS, Wilson, CR, Metcalf, DA, 'Onion neck rot', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S37 (2001) [F3]

Eyles, A, Mohammed, CL, Davies, NW, 'Eucalypt tree responses to wounding', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra QLD, 1 (2001) [F3]

Nahrung, HF, Matsuki, M, Allen, GR, 'Mendel's peas, black beetles, and natural selection: a rare, dominant allele controls melanism in *Chrysophtharta agricola* (Chapuis)', *32nd Australian Entomological Society Conference*, Sydney, NSW, 1 (2001) [F3]

Nahrung, HF, 'Phenology of the southern eucalypt beetle, *Chrysophtharta agricola* (Chapuis) (Coleoptera: Chrysomelidae: Paropsini) in Tasmania', *32nd Australian Entomological Society Conference*, Sydney, NSW, 1 (2001) [F3]

Nahrung, HF, 'Phenology of the southern eucalypt beetle, *Chrysophtharta agricola* (Chapuis)

(Coleoptera: Chrysomelidae: Paropsini) in Tasmania', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra, Queensland, 1 (2001) [F3]

Pethybridge, SJ, Nelson, ME*, Eastwell, KC*, Wilson, CR, 'Incidence and spatial distribution of viruses in 'Horizon' hop gardens in Washington', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S37 (2001) [F3]

Ramona, Y, Line, MA, 'Isolation and cultivation of biocontrol agents effective against *Sclerotinia* minor root rot of lettuce', *TIAR 2001 Annual Presentations*, Launceston, Tasmania, 1 (2001) [F3]

Rapley, LP, Allen, GR, Potts, BM, 'Identifying Autumn Gum Moth, *Mnesampela privata* behaviour associated with variation in defoliation of *Eucalyptus globulus*', *32nd Australian Entomological Society Conference*, Sydney, NSW, 1 (2001) [F3]

Rapley, LP, Allen, GR, Potts, BM, 'Rapid screening of *Eucalyptus globulus* genotypes for increased Autumn Gum Moth, *Mnesampela privata*, resistance using a tent bioassay', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra, Queensland, 1 (2001) [F3]

Rapley, LP, Allen, GR, Potts, BM, 'Resistance of *Eucalyptus globulus* to Autumn Gum Moth (AGM)', *CRC-SPF Workshop on Autumn Gum Moth - Host Preference Selection and Resistance. Gunns Limited: North Forest Products*, North-West Centre, Ridgely, Tasmania, 1 (2001) [F3]

Redgrove, HL, Allen, GR, **Close, DC**, 'Some like it soft, some like it hard: Palatability of *Eucalyptus nitens* seedlings to *Heteronyx* spp', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra, Queensland, 1 (2001) [F3]

Rice, AD, Allen, GR, 'Phenology and rates of population increase of *Eadya paropsidis* and *Lixophaga* sp - two of the primary larval parasitoids associated with *Chrysophtharta agricola*', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra, Queensland, 1 (2001) [F3]

Rice, AD, Allen, GR, 'Reproductive biology of the parasitoid guild associated with larval *Chrysophtharta agricola* (Coleoptera: Chrysomelidae)', *32nd Australian Entomological Society Conference*, Sydney, NSW, 1 (2001) [F3]

Contract Report, Consultant's Report

Pethybridge, SJ, Crowle, DR, Wilson, CR, Hay, FS, *Hop Pathology Research*, Australian Hop Marketers Pty Ltd, 2 (2001) [I1]

Ross, T, **Shadbolt, CT,** *Predicting Escherichia coli inactivation in uncooked comminuted fermented meat products*, Meat & Livestock Australia, July 2001 (2001) [I2]

Thesis Accepted for Higher Degree

Mitchell, I, 'Relationship between water quality parameters (nutrients, seston, chlorophylla), hydrodynamics and oyster growth in three major pacific oyster (*Crassostrea gigas*) growing areas in southern Tasmania (Australia)' (2001) [M1]

Tegg, RS, 'Shade Adaptation of Established Turfgrass' (2001) [M1]

Blackburn, HI, 'Onion Rhizobacteria as Potential Plant Health Promotants' (2001) [M2]

Barry, KM, 'Antimicrobial defence in the sapwood of *Eucalyptus nitens*: studies of the reaction zone' (2001) [M3]

Lewis, TE, 'Characterisation and application of Australian thraustochytrids' (2001) [M3]

Mellefont, LA, 'Predictive model development and lag phase characterisation for applications in the meat industry' (2001) [M3]

Miles, DW, 'Quantitative Microbial Risk Assessment on the risk of listeriosis posed by locally manufactured cheese products' (2001) [M3]

Presser, KA, 'Physiology and Modelling of *Escherichia coli* Growth Inhibition due to pH, Organic Acids Temperature and Water Activity' (2001) [M3]

Simmul, TL, 'Biology of the Fireblight Beetle, *Acacicola Orphana* (Erichson) (CColeoptera: Chrysomelidae), A Defoliator of *Acacia Dealbata* (Link.)' (2001) [M3]

Agricultural Science

Tasmanian Institute of Agricultural Research

Journal Article

Blanchfield, AL, Mackenzie, AM*, Gibbs, A*, Kondo, H*, Tamada, T*, Wilson, CR, 'Identification of *Orchid fleck virus* by Reverse Transcriptase-Polymerase Chain Reaction and Analysis of Isolate Relationships', *Journal of Phytopathology*, **149** (11-12) 713-718 (2001) [A1]

Pethybridge, SJ, Hay, FS, 'Influence of *Phoma ligulicola* on yield, and site factors on disease development, in Tasmanian pyrethrum crops', *Australasian Plant Pathology*, **30** 17-20 (2001) [A1]

Pethybridge, SJ, Hay, FS, Wilson, CR, Sherriff, LJ*, Leggett, GW*, 'First Report of *Fusarium crookwellense* Causing Tip Blight on Cones of Hop', *Plant Disease*, **85** (11) 1208 (2001) [A3]

Pethybridge, SJ, Hay, FS, Wilson, CR, Sherriff, LJ*, Leggett, GW*, 'First Report of Infection by *Alternaria alternata* on Cones of Hop in Australia', *Plant Disease*, **85** (7) 804 (2001) [A3]

Conference Publication

Neilsen, JE, Rowe, BA, Lane, PA, 'Leaf Area Development and Growth of Two Irrigated Brassica Forage Crops', *Proceedings of the Xth Australian Agronomy Conference*, Hobart, Tasmania, EJ (2001) [F1]

Tegg, RS, Lane, PA, 'Shade Adaptation of Established Turfgrass Improved by Plant Growth Regulator', *Proceedings of the Xth Australian Agronomy Conference*, Hobart, Tasmania, EJ (2001) [F1]

Hay, FS, **Mudford, R**, Clayton-Greene, K*,

Breaden, L*, 'Fumigation of Japanese Squash with Acetic Acid for Control of Fungal Storage Rots', *Conference Handbook Australasian Plant Pathology Society 13th Biennial Conference*, Cairns, QLD, Australia, 194 (2001) [F2]

Horton, B*, Lang, MD, Denwood, TC, **Horton, JD**, Champion, SC, 'Flytrapping in Tasmania: effective use of traps in a cool temperate climate', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 266-272 (2001) [F2]

Horton, B*, **Horton, JD**, Champion, SC, 'Flytrapping in Tasmania: use of traps for fly-strike control and monitoring fly populations', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 293-301 (2001) [F2]

Horton, JD, Champion, SC, 'Some current sheep management strategies for low residue fly and lice control', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 443-453 (2001) [F2]

Horton, JD, Champion, SC, 'Wool producer knowledge of flystrike control', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 433-442 (2001) [F2]

Horton, JD, Champion, SC, 'Wool producer perceptions of their flystrike problem', *Proceedings of National Conference FLICS - Flystrike & Lice IPM Control Strategies*, Launceston, Tasmania, 428-432 (2001) [F2]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Scott, JB, Hay, FS, Wilson, CR, Cotterill, BJ*, Fist, AJ*, 'Epidemiology of Downy Mildew of Oilseed Poppy in Tasmania', *Conference Handbook Australasian Plant Pathology Society 13th Biennial Conference*, Cairns, QLD, Australia, 303 (2001) [F2]

Barrett, RM, Crowther, PC, Laurence, RCN, Lincolne, R, 'Remote Sensing as an aid to Tasmanian Horticultural Crop Recording and Husbandry', *Conference Proceeding (Poster Presentation)*, Sydney, NSW, 3 (2001) [F3]

Chilvers, MI, Dennis, JJ*, Hay, FS, Wilson, CR, Metclaf, DA, 'Detection of latent *Botrytis allii* (syn. *B. aclada*) infections in onion bulbs', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S17 (2001) [F3]

Chilvers, MI, Hay, FS, Wilson, CR, Metcalf, DA, 'Onion neck rot', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S37 (2001) [F3]

Hay, FS, **Mudford, R**, Clayton-Greene, K*, Breden, L*, **Pethybridge, SJ**, 'Acetic acid as a fumigant to reduce fungal storage rots of Japanese squash (*Curcubita maxima*)', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S37 (2001) [F3]

Hay, FS, **Pethybridge, SJ**, Sherriff, L*, Leggett, GW*, 'Nematodes associated with hop (*Humulus lupulus*L.) production in Tasmania', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S37 (2001) [F3]

Pethybridge, SJ, Nelson, ME*, Eastwell, KC*, Wilson, CR, 'Incidence and spatial distribution of viruses in 'Horizon' hop gardens in Washington', *Phytopathology June (Supplement) 2001*, Salt Lake, USA, S37 (2001) [F3]

Contract Report, Consultant's Report

Donaghy, DJ, **Tegg, RS**, *Report on effects of wildlife on pasture growth at Elliott Research and Demonstration Station, 2000-2001*, Dairy Research & Development Corporation (2001) [I1]

Pethybridge, SJ, Hay, FS, *Epidemiology and Management of Foliar Diseases of Pyrethrum*, Botanical Resources Australia Pty Ltd, 3 (2001) [I1]

Pethybridge, SJ, **Crowle, DR**, Wilson, CR, Hay, FS, *Hop Pathology Research*, Australian Hop Marketers Pty Ltd, 2 (2001) [I1]

Other Public Output

Chilvers, MI, 'Unravelling the epidemiology of *Botrytis allii*', *Onions Australia*, Winetitles, Adelaide SA, 18, 2001 (2001) [O2]

Architecture

Conference Publication

Wallis, L, 'Building Better Architecture Students: Improving the Relationship Between Design and Construction', *Constructing and Managing the Built Environment: Education and Research for the Future*, Adelaide, 9-21 (2001) [F1]

Thesis Accepted for Higher Degree

Mathe, K, 'Imhotep Phidias Antonio le Corridor': An Interpretation of the Work of Russell Hall' (2001) [M1]

Central Science Laboratory

Journal Article

McLean, SR, **Pass, GJ**, Foley, WJ*, Brandon, S, Davies, NW, 'Does excretion of secondary metabolites always involve a measurable metabolic cost? Fate of plant antifeedant salicin in common brushtail possum, *Trichosurus vulpecula*', *Journal of Chemical Ecology*, **27** (6) 1077-1089 (2001) [A1]

Pass, GJ, McLean, SR, Stupans, I*, Davies, NW, 'Microsomal metabolism of the terpene 1,8-cineole in the common brushtail possum (*Trichosurus vulpecula*), koala (*Phascolarctos cinereus*), rat and human', *Xenobiotica*, **31** (4) 205-221 (2001) [A1]

Ruether, T, **Denney, MC**, Cavell, KJ, Peacock, EJ, Skelton, BW*, White, AH*, 'Novel Methylpalladium(II) Complexes Bearing Tridentate Imidazole-Based Chelate Ligands: Synthesis, Structural Characterization, and Reactivity', *Organometallics*, **20** 5522-5531 (2001) [A1]

Conference Publication

Barrett, RM, Crowther, PC, Laurence, RCN, Lincolne, R, 'Remote Sensing as an aid to Tasmanian Horticultural Crop Recording and Husbandry', *Conference Proceeding (Poster Presentation)*, Sydney, NSW, 3 (2001) [F3]

Eyles, A, Mohammed, CL, Davies, NW, 'Eucalypt tree responses to wounding', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra QLD, 1 (2001) [F3]

McLean, SR, Brandon, S, Davies, NW, Boyle, RR, Foley, WJ*, Moore, B*, **Pass, GJ**, 'Glycosuria in the koala', *Proceedings of ASCEPT*, Dunedin, NZ, 87 (2001) [F3]

Chemistry

Journal Article

Breadmore, MC, Haddad, PR, 'Approaches to enhancing the sensitivity of capillary electrophoresis methods for the determination of inorganic and small organic anions', *Electrophoresis*, **22** 2464-2489 (2001) [A1]

Breadmore, MC, **Hilder, EF**, Macka, M, Haddad, PR, 'Determination of inorganic anions by capillary electrochromatography', *Trac-Trends in Analytical Chemistry*, **20** (6 and 7) 355-364 (2001) [A1]

Breadmore, MC, **Hilder, EF**, Macka, M, Avdalovic, N*, Haddad, PR, 'Modelling of migration behaviour of inorganic anions in ion-exchange capillary electrochromatography', *Electrophoresis*, **22** 503-510 (2001) [A1]

Breadmore, MC, Macka, M, Avdalovic, N*, Haddad, PR, 'On-Capillary Ion-Exchange Preconcentration of Inorganic Anions in Open-Tubular Capillary Electrochromatography with Elution Using Transient-Isotachophoretic Gradients. 2. Characterization of the Isotachophoretic Gradient', *Analytical Chemistry*, **73** (4) 820-828 (2001) [A1]

Breadmore, MC, Haddad, PR, Fritz, J, 'Optimisation of the separation of anions by ion chromatography-capillary electrophoresis using indirect UV detection', *Journal of Chromatography A*, **920** 31-40 (2001) [A1]

Canty, AJ, **Denney, MC**, Skelton, BW*, White, AH*, 'Carbon-oxygen bond formation at organopalladium centres', *Inorganic Chemistry Communications*, **4** 648-650 (2001) [A1]

Cook, HA, Hu, W, Fritz, J, Haddad, PR, 'A Mechanism of Separation in Electrostatic Ion Chromatography', *Analytical Chemistry*, **73** (13) 3022-3027 (2001) [A1]

Dijkstra, HP*, Meijer, MD*, **Patel, J**, Kreiter, R*, van Klink, GPM*, Lutz, M*, Spek, AL*, Canty, AJ, van Koten, G*, 'Design and Performance of Rigid Nanosize Multimetallic Cartwheel Pincer Compounds as Lewis-Acid Catalysts', *Organometallics*, **20** 3159-3168 (2001) [A1]

Hilder, EF, Zemann, AJ, Macka, M, Haddad, PR, 'Anion-exchange capillary electrochromatography with indirect UV and direct contactless conductivity detection', *Electrophoresis*, **22** 1273-1281 (2001) [A1]

Hu, W, Haddad, PR, **Cook, HA**, Yamamoto, H*, Hasebe, K*, Tanaka, K, Fritz, J, 'Manipulation of separation selectivity of inorganic anions in electrostatic ion chromatography by the use of mixed cationic-zwitterionic micelles as the column coating solution', *Journal of Chromatography A*, **920** 95-100 (2001) [A1]

Johns, CA, Macka, M, Haddad, PR, King, M*, Paull, B*, 'Practical method of evaluation of linearity and effective pathlength of on-capillary photometric detectors in capillary electrophoresis', *Journal of Chromatography A*, **927** 237-241 (2001) [A1]

Macka, M, **Johns, CA**, **Doble, PA**, Haddad, PR, 'Indirect Photometric Detection in CE Using Buffered Electrolytes - Part 1, Principles', *LC GC North America*, **19** (1) 38-47 (2001) [A1]

Macka, M, **Johns, CA**, **Doble, PA**, Haddad, PR, 'Indirect Photometric Detection in CE Using Buffered Electrolytes - Part II, Practical Rules', *LC GC North America*, **19** (2) 178-188 (2001) [A1]

Macka, M, **Johns, CA**, **Grosse, AC**, Haddad, PR, 'New isoelectric buffers for capillary electrophoresis: N-carboxymethylated polyethyleneimine as a macromolecular isoelectric buffer', *Analyst*, **126** 421-425 (2001) [A1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Magill, AM, McGuinness, DS, Cavell, KJ, Britovsek, GJP*, Gibson, VC*, White, AJP*, Williams, DJ*, White, AH*, Skelton, BW*, 'Palladium(II) complexes containing mono-, bi- and tridentate carbene ligands. Synthesis, characterisation and application as catalysts in C-C coupling reactions', *Journal of Organometallic Chemistry*, **617-618** 546-560 (2001) [A1]

McGuinness, DS, Saendig, NS*, Yates, BF, Cavell, KJ, 'Kinetic and Density and Functional Studies on Alkyl-Carbene Elimination from Pd^{II} Heterocyclic Carbene Complexes: A New Type of Reductive Elimination with Clear Implications for Catalysis', *Journal of the American Chemical Society*, **123** 4029-4040 (2001) [A1]

McGuinness, DS, Cavell, KJ, Yates, BF, Skelton, BW*, White, AH*, 'Oxidative Addition of the Imidazolium Cation to Zerovalent Ni, Pd, and Pt: A Combined Density Functional and Experimental Study', *Journal of the American Chemical Society*, **123** 8317-8328 (2001) [A1]

McGuinness, DS, Cavell, KJ, Yates, BF, 'Unprecedented C-H bond oxidative addition of the imidazolium cation to Pt⁰: a combined density functional analysis and experimental study', *Chemical Communications* 355-356 (2001) [A1]

Murrihy, JP*, Breadmore, MC, Tan, A*, McEnery, M*, Alderman, J*, O'Mathuna, C*, O'Neill, AP*, O'Brien, P*, Advoldvic, N*, Haddad, PR, Glennon, JD*, 'Ion chromatography on-chip', *Journal of Chromatography A*, **924** 233-238 (2001) [A1]

Ng, KL, Dicoski, GW, Haddad, PR, 'Effects of Stationary Phase Cross-Linking and Ion-Exchange Capacity on the Retention of Carboxylic Acids in Ion-Exclusion Chromatography Using Sulfonated Resins', *Analytical Sciences*, **17** (Sep) 1117-1120 (2001) [A1]

Ng, KL, Glod, B, Dicoski, GW, Haddad, PR, 'Retention modelling of electrostatic and adsorption effects of aliphatic and aromatic carboxylic acids in ion-exclusion chromatography II. Calculations of adsorption coefficients in unbuffered eluents', *Journal of Chromatography A*, **920** 41-49 (2001) [A1]

Nielsen, DJ, Cavell, KJ, Skelton, BW*, White, AH*, 'Competition between Carbene and Pseudo η^3 -Allyl Bonding Modes in a Palladium (II) Complex of a Functionalized Bis(imidazolium) Ligand', *Organometallics*, **20** 995-1000 (2001) [A1]

O'Reilly, JW, Dicoski, GW, Shaw, M, Haddad, PR, 'Chromatographic and electrophoretic separation of inorganic sulfur and sulfur-oxygen species', *Analytica Chimica Acta*, **432** 165-192 (2001) [A1]

Ruether, T, Denney, MC, Cavell, KJ, Peacock, EJ, Skelton, BW*, White, AH*, 'Novel Methylpalladium(II) Complexes Bearing Tridentate Imidazole-Based Chelate Ligands: Synthesis, Structural Characterization, and Reactivity', *Organometallics*, **20** 5522-5531 (2001) [A1]

Sun, B, Macka, M, Haddad, PR, 'Speciation of Tin, Lead, Mercury, Arsenic and Selenium Compounds by Capillary Electrophoresis', *International Journal of Environmental Analytical Chemistry*, **81** 161-205 (2001) [A1]

Conference Publication

Breadmore, MC, Palmer, AS, Macka, M, Curran, MAJ, Audalovic, N*, Haddad, PR, 'A Novel In-Line Preconcentration Method for Capillary Electrophoresis', *HPLC 2001*, Maastricht, The Netherlands, 1 (2001) [F3]

Breadmore, MC, Macka, M, Haddad, PR, 'Ion-Exchange Preconcentration for Capillary

Electrophoresis with Elution Using a Transient Isotachophoretic Gradient: Concept And Application', *IICS 2001*, Chicago, USA, (23) (2001) [F3]

Cook, HC, Haddad, PR, Hu, W*, Fritz, J, 'A New Mechanism of Separation in Electrostatic Ion Chromatography', *IICS 2001*, Chicago, USA, (64) (2001) [F3]

Haddad, PR, 'Current and Future Trends in Ion Analysis', *IICS 2001*, Chicago, USA, (65) (2001) [F3]

Hutchinson, J, Macka, M, Haddad, PR, 'Ion-Exchange Preconcentration for Capillary Electrophoresis with Elution Using a Transient-Isotachophoretic Gradient: Can the Method Work for Transparent Ions?', *IICS 2001*, Chicago, USA, (101) (2001) [F3]

Johns, CA, Macka, M, Haddad, PR, 'What are the Benefits of Optimising the Probe Concentration in Electrolytes for Indirect Photometric Detection in Capillary Electrophoresis?', *IICS 2001*, Chicago, USA, (25) (2001) [F3]

Ng, KL, Dicoski, GW, Haddad, PR, 'Effects of Stationary Phase Cross-Linking and Capacity of the Retention of Carboxylic Acids in Ion-Exclusion Chromatography Using Sulfonated Resins', *IICS 2001*, Chicago, USA, (10) (2001) [F3]

O'Reilly, JW, Dicoski, GW, Shaw, M, Haddad, PR, 'Determination of Gold Thiosulfate and Polythionates by Ion Chromatography', *IICS 2001*, Chicago, USA, (108) (2001) [F3]

Sun, B, Macka, M, Haddad, PR, 'Speciation of Arsenic Compounds by Capillary Electrophoresis', *IICS 2001*, Chicago, USA, (89) (2001) [F3]

Vial, JH, Thompson, RS, **Narkowicz, CK**, Yong, AC, Walker, J*, 'Response to single dose and chronic ibuprofen in chronic back pain sufferers', *Proceedings of ASCEPT*, Dunedin, New Zealand, 52 (2001) [F3]

Zakaria, P, Macka, M, Fritz, J, Haddad, PR, 'Mixed-Mode Separations in Pseudo-Phase Capillary Electrochromatography Involving Ion-Exchange, Hydrophobic Interactions and Electrophoresis', *IICS 2001*, Chicago, USA, (63) (2001) [F3]

Zakaria, P, Macka, M, Haddad, PR, 'Modelling and Optimization of the Separation of Aromatic Bases by Capillary Electrochromatography Using a Neutral Cyclodextrin as a Pseudo-stationary Phase', *IICS 2001*, Chicago, USA, (83) (2001) [F3]

Other Public Output

Spark, RA, Stack, KR, 'A study of phenol formaldehyde resin, cationic polyacrylamide and polyethyleneoxide polymers in thermo-mechanical pulp furnish retention', Kemira Chemicals and Norske-Skog Paper, Hobart (2001) [O5]

Computing

Journal Article

Ollington, RB, Vamplew, PW, 'A Supervised Neural Network Based on the Cerebellum', *Australian Journal of Intelligent Information Processing Systems*, **6** (4) 242-274 (2000) [A1]

Conference Publication

Hepburn, M, Wright, D, 'Trust in the Pi-Calculus', *Proceedings of the 3rd International ACM SIGPLAN Conference on Principles and Practice of Declarative Programming (PPDP '01)*, Florence, Italy, 103-114 (2001) [F1]

Barrett, RM, Crowther, PC, Laurence, RCN, Lincolne, R, 'Remote Sensing as an aid to Tasmanian Horticultural Crop Recording and Husbandry', *Conference Proceeding (Poster Presentation)*, Sydney, NSW, 3 (2001) [F3]

CRC – Antarctic and Southern Ocean Environments

Journal Article

Allen, KJ, Cook, ER*, Francey, RJ*, Michael, KJ, 'The climatic response of *Phyllocladus aspleniifolius* (Labill.) Hook. f in Tasmania', *Journal of Biogeography*, **28** (3) 305-316 (2001) [A1]

Bi, D, Budd, WF, Hirst, AC*, Wu, X, 'Collapse and reorganisation of the Southern Ocean overturning under global warming in a coupled model', *Geophysical Research Letters*, **28** (20) 3927-3930 (2001) [A1]

Dare, RA, Budd, WF, 'Analysis of Surface Winds at Mawson, Antarctica', *Weather and Forecasting*, **16** 416-431 (2001) [A1]

Lourey, MJ, Trull, T, 'Seasonal nutrient depletion and carbon export in the Subantarctic and Polar Frontal Zones of the Southern Ocean south of Australia', *Journal of Geophysical Research*, **106** (C12) 31,463-31,487 (2001) [A1]

Massom, RA, **Hill, KL**, Lytle, VI, Worby, AP, **Paget, MJ**, Allison, I, 'Effects of regional fast-ice and iceberg distributions on the behaviour of the Mertz Glacier polynya, East Antarctica', *Annals of Glaciology*, **33** 391-398 (2001) [A1]

Massom, RA, Eicken, H*, Haas, C*, Jeffries, MO*, Drinkwater, MR*, Sturm, M*, Worby, AP, Wu, X, Lytle, VI, Ushio, S*, Morris, K*, **Reid, PA**, Warren, SG*, Allison, I, 'Snow on Antarctic sea ice', *Review of Geophysics*, **39** (3) 413-445 (2001) [A1]

McMorrow, AJ, Curran, MAJ, van Ommen, TD, Morgan, VI, Pook, MJ, Allison, I, 'Intercomparison of firn core and meteorological data', *Antarctic Science*, **13** (3) 329-337 (2001) [A1]

O'Leary, T, Trull, T, Griffiths, FB*, Tilbrook, B*, Revill, AT*, 'Euphotic zone variations in bulk and compound-specific $\delta^{13}\text{C}$ of suspended organic matter in the subantarctic ocean, south of Australia', *Journal of Geophysical Research*, **106** (C12) 31,669-31,684 (2001) [A1]

Paget, MJ, Worby, AP, Michael, KJ, 'Determining the floe-size distribution of East Antarctic sea ice from digital aerial photographs', *Annals of Glaciology*, **33** 94-100 (2001) [A1]

Palmer, AS, van Ommen, TD, Curran, MAJ, Morgan, VI, Souney, JM*, Mayewski, PA*, 'High-precision dating of volcanic events (A.D. 1301-1995) using ice cores from Law Dome, Antarctica', *Journal of Geophysical Research*, **106** (D22) 28,089-28,095 (2001) [A1]

Palmer, AS, van Ommen, TD, Curran, MAJ, Morgan, VI, 'Ice-core evidence for a small solar-source of atmospheric nitrate', *Geophysical Research Letters*, **28** (10) 1953-1956 (2001) [A1]

Roberts, A, Allison, I, Lytle, V, 'Sensible- and latent-heat-flux estimates over the Mertz Glacier polynya, East Antarctica, from in-flight measurements', *Annals of Glaciology*, **33** 377-384 (2001) [A1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Trull, T, Gibson, JE*, **Beaumont, KL**, Bowman, J*, Burton, HR*, Davidson, AT*, Guichard, A*, Kirkwood, JM*, McMinn, A, Nichols, PD*, Skerratt, JH*, Summons, RE*, Swadling, KM, Volkman, JK*, 'Site Holds Promise for Ecosystem and Biogeochemical Investigations', *Eos Transactions, American Geophysical Union*, **82** (28) 306,311 (2001) [A1]

Wang, X, Matear, RJ, Trull, T, 'Modeling seasonal phosphate export and resupply in the Subantarctic and Polar Frontal Zones in the Australian sector of the Southern Ocean', *Journal of Geophysical Research*, **106** (C12) 31,525-31,541 (2001) [A1]

Williams, MJM, Grosfeld, K*, Warner, RC, Gerdes, R*, Determann, J*, 'Ocean circulation and ice-ocean interaction beneath the Amery Ice Shelf, Antarctica', *Journal of Geophysical Research*, **106** (C10) 22,383-22,399 (2001) [A1]

Conference Publication

Breadmore, MC, **Palmer, AS**, Macka, M, Curran, MAJ, Audalovic, N*, Haddad, PR, 'A Novel In-Line Preconcentration Method for Capillary Electrophoresis', *HPLC 2001*, Maastricht, The Netherlands, 1 (2001) [F3]

CRC – Sustainable Production Forestry

Journal Article

Barry, KM, Pearce, RB*, Evans, SD*, Hall, LD*, Mohammed, CL, 'Initial defence responses in sapwood of *Eucalyptus nitens* (Maiden) following wounding and fungal inoculation', *Physiological and Molecular Plant Pathology*, **58** (2) 63-72 (2001) [A1]

Freeman, JS, Jackson, HD, Steane, D, **McKinnon, G**, Dutkowski, GV, Potts, BM, Vaillancourt, RE, 'Chloroplast DNA phylogeography of *Eucalyptus globulus*', *Australian Journal of Botany*, **49** 585-596 (2001) [A1]

Garnett, TP, Shabala, SN, Smethurst, PJ, Newman, IA, 'Simultaneous measurement of ammonium, nitrate and proton fluxes along the length of eucalypt roots', *Plant and Soil*, **236** 55-62 (2001) [A1]

Howlett, BG, Clarke, AR*, Madden, JL, 'The influence of leaf age on the oviposition preference of *Chrysophtharta bimaculata* (Olivier) and the establishment of neonates', *Agricultural and Forest Entomology*, **3** 121-127 (2001) [A1]

Milgate, A, Yuan, ZQ, Vaillancourt, RE, Mohammed, CL, 'Mycosphaerella species occurring on *Eucalyptus globulus* and *Eucalyptus nitens* plantations of Tasmania, Australia', *Forest Pathology*, **31** 53-63 (2001) [A1]

Steinbauer, MJ, McQuillan, PB, **Young, CJ**, 'Life history and behavioural traits of *Mnesampela pri-*

vata that exacerbate population responses to eucalypt plantations: Comparisons with Australian and outbreak species of forest geometrid from the Northern Hemisphere', *Austral Ecology*, **26** (5) 525-534 (2001) [A1]

Conference Publication

Rapley, LP, Allen, GR, Potts, BM, 'Identifying Autumn Gum Moth, *Mnesampela privata* behaviour associated with variation in defoliation of *Eucalyptus globulus*', *32nd Australian Entomological Society Conference*, Sydney, NSW, 1 (2001) [F3]

Rapley, LP, Allen, GR, Potts, BM, 'Rapid screening of *Eucalyptus globulus* genotypes for increased Autumn Gum Moth, *Mnesampela privata*, resistance using a tent bioassay', *Annual Meeting CRC Sustainable Production Forestry*, Caloundra, Queensland, 1 (2001) [F3]

Rapley, LP, Allen, GR, Potts, BM, 'Resistance of *Eucalyptus globulus* to Autumn Gum Moth (AGM)', *CRC-SPF Workshop on Autumn Gum Moth - Host Preference Selection and Resistance. Gunns Limited: North Forest Products*, North-West Centre, Ridgely, Tasmania, 1 (2001) [F3]

Contract Report, Consultant's Report

Potts, BM, Barbour, RC, **Hingston, AB**, *Genetic pollution from farm forestry using eucalypt species and hybrids*, Rural Industries Research and Development Corporation, 01/114 (2001) [I1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Earth Sciences

Journal Article

Anderson, BR, Gemmell, JB, Berry, RF, 'The Geology of the Nifty Copper Deposit, Throssell Group, Western Australia: Implication for Ore Genesis', *Economic Geology*, **96** (5) 1535-1565 (2001) [A1]

Limtrakun, P, Zaw, K, Ryan, CG*, Mernagh, TP*, 'Formation of the Denchai gem sapphires, northern Thailand: evidence from mineral chemistry and fluid/melt inclusion characteristics', *Mineralogical Magazine*, **65** (6) 725-735 (2001) [A1]

Whitehead, JM, Quilty, PG, Harwood, DM*, McMinn, A, 'Early Pliocene paleoenvironment of the Sørsdal Formation, Vestfold Hills, based on diatom data', *Marine Micropaleontology*, **41** 125-152 (2001) [A1]

Yu, Z, Robinson, P, McGoldrick, PJ, 'An Evaluation of Methods for the Chemical Decomposition of Geological Materials for Trace Element Determination Using ICP-MS', *Geostandards Newsletter - The Journal of Geostandards and Geoanalysis*, **25** (2/3) 199-217 (2001) [A1]

Earth Sciences

Centre for Ore Deposit Research CODES SRC

Journal Article

Anderson, BR, Gemmell, JB, Berry, RF, 'The Geology of the Nifty Copper Deposit, Throssell Group, Western Australia: Implication for Ore Genesis', *Economic Geology*, **96** (5) 1535-1565 (2001) [A1]

Gemmell, JB, **Fulton, R**, 'Geology, Genesis, and Exploration Implications of the Footwall and Hanging-Wall Alteration Associated with the Hellyer Volcanic-Hosted Massive Sulfide Deposit, Tasmania, Australia', *Economic Geology*, **96** (1) 1003-1035 (2001) [A1]

Herrmann, W, **Hill, AP**, 'The origin of Chlorite-Tremolite-Carbonate Rocks Associated with the Thalanga Volcanic-Hosted Massive Sulfide Deposit, North Queensland, Australia', *Economic Geology*, **96** (5) 1149-1173 (2001) [A1]

Large, RR, Bull, SW, **Winefield, PR**, 'Carbon and Oxygen Isotope Halo in Carbonates Related to the McArthur River (HYC) Zn-Pb-Ag Deposits, North Australia: Implications for Sedimentation, Ore Genesis, and Mineral Exploration', *Economic Geology*, **96** (6) 1567-1593 (2001) [A1]

Large, RR, Gemmell, JB, **Paulick, H**, Huston, DL*, 'The Alteration Box Plot: A Simple Approach to Understanding the Relationship Between Alteration Mineralogy and Litho-geochemistry Associated with Volcanic-Hosted Massive Sulfide Deposits', *Economic Geology*, **96** (5) 957-971 (2001) [A1]

Limtrakun, P, Zaw, K, Ryan, CG*, Mernagh, TP*, 'Formation of the Denchai gem sapphires,

northern Thailand: evidence from mineral chemistry and fluid/melt inclusion characteristics', *Mineralogical Magazine*, **65** (6) 725-735 (2001) [A1]

Paulick, H, Herrmann, W, Gemmell, JB, 'Alteration of Felsic Volcanics Hosting the Thalanga Massive Sulfide Deposit (Northern Queensland, Australia) and Geochemical Proximity Indicators to Ore', *Economic Geology*, **96** (5) 1175-1200 (2001) [A1]

Paulick, H, Franz, G*, 'Greenschist facies regional and contact metamorphism of the Thalanga volcanic-hosted massive sulfide deposit (northern Queensland, Australia)', *Mineralium Deposita*, **36** (8) 786-793 (2001) [A1]

Roache, MW, Allen, SR, McPhie, J, 'Surface and subsurface facies architecture of a small hydroexplosive, rhyolitic centre in the Mesoproterozoic Gawler Range Volcanics, South Australia', *Journal of Volcanology and Geothermal Research*, **104** (2) 237-259 (2000) [A1]

Schardt, C, Cooke, DR, Gemmell, JB, Large, RR, 'Geochemical Modeling of the Zoned Footwall Alteration Pipe, Hellyer Volcanic-Hosted Massive Sulfide Deposit, Western Tasmania, Australia', *Economic Geology*, **96** (5) 1037-1054 (2001) [A1]

Yu, Z, Robinson, P, McGoldrick, PJ, 'An Evaluation of Methods for the Chemical Decomposition of Geological Materials for Trace Element Determination Using ICP-MS', *Geostandards Newsletter - The Journal of Geostandards and Geoanalysis*, **25** (2/3) 199-217 (2001) [A1]

Conference Publication

Clark, DJ, Gemmell, JB, Norman, MD, Hesse, AM*, 'Textural and geochemical distinction between supergene and hypogene Cu sulfide phases at the Mammoth copper deposit, Queensland', *Book*, Krakow, Poland, 219-222 (2001) [F1]

Engineering

Journal Article

Bulte, DP, Langman, RA, 'Comparison of the Normal and Initial Induction Curves', *IEEE Transactions on Magnetics*, **37** (6) 3892-3899 (2001) [A1]

Karri, V, **Kiatcharoenpol, T**, 'Prediction of Thrust and Torque in Drilling Using Conventional and Feedforward Neural Networks', *Australian Journal of Intelligent Information Processing Systems*, **7** (1/2) 33-38 (2001) [A1]

Negnevitsky, M, **Ringrose, MJ**, 'Fuzzy Control of Back-Propagation Training', *Journal of Advanced Computational Intelligence*, **4** (6) 408-411 (2000) [A1]

Conference Publication

Butler, DA, Karri, V, 'Design Analysis Between On and Off-Centre Bearing for Racecar Wheel, Using Finite Element Method', *Proceedings of the 4th Quality in Research Seminar*, Depok, Indonesia, 1-8 (2001) [F1]

Kelareva, G, Negnevitsky, M, 'Multi-layer Genetic Algorithm for Maintenance Schedule Optimisation', *Proceedings of the Australasian Universities Power Engineering Conference (AUPEC-2001) - Millennium Power Vision*, Perth, Australia, 379-384 (2001) [F1]

Kieu, T, Nguyen, DT, 'Surface fitting approach for reducing blocking artifacts in low bit-rate DCT decoded images', *CDROM Proceedings of TENCON 2001: IEEE Region 10 International Conference on Electrical and Electronic Technology*, Singapore, 23-27 (2001) [F1]

Kieu, T, Nguyen, DT, 'Surface Fitting Approach for Reducing Blocking Artifacts in Low Bitrate DCT Decoded Images', *CDROM: Proceedings ICIP 2001: 2001 IEEE International Conference on Image Processing*, Thessaloniki, Greece, 150-153 (2001) [F1]

Negnevitsky, M, **Kelareva, G**, 'Air Quality Prediction Using a Neuro-Fuzzy System', *Proceedings of The 10th IEEE International Conference on Fuzzy Systems*, Melbourne, Australia, 4 pages (2001) [F1]

Negnevitsky, M, **Kelareva, G**, 'Genetic algorithms application to scheduling problems in power systems', *Proceedings of The First Japanese-Australian Joint Seminar on Applications of Electromagnetic Phenomena in Electrical and Mechanical Systems*, Adelaide, Australia, 123-129 (2001) [F1]

Negnevitsky, M, **Ringrose, MJ**, Huang, J, **Hoang, TA**, 'Neuro-Fuzzy Classifier for Recognition of Power Quality Disturbances', *CD Proceedings of D2001 - 6th International Transmission and Distribution Conference and Exhibition*, Brisbane, Australia, 15 pages (2001) [F1]

Negnevitsky, M, **Ringrose, MJ**, 'Neuro-Fuzzy system for electrical power quality control', *Proceedings of The First Japanese-Australian Joint Seminar on Applications of Electromagnetic Phenomena in Electrical and Mechanical Systems*, Adelaide, Australia, 169-176 (2001) [F1]

Nguyen, DT, **Kieu, T**, 'Object Extraction from an Image Background Using Second-Generation Wavelets', *Proceedings of 5th IEEE Malaysia International Conference on Communications*, Kuala Lumpur, Malaysia, 138-142 (2001) [F1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Redman, AL, Priadi, T, Doe, PE, 'Pre-drying Treatments for Tasmanian Eucalypt Timber', *Proceedings of 7th International IUFRO Wood Drying Conference*, Tsukuba, Japan, 96-99 (2001) [F1]

Ringrose, MJ, Negnevitsky, M, 'Harmonic Source Monitoring in Power Systems Using State Estimation and Neural Networks', *Proceedings of the Australasian Universities Power Engineering Conference (AUPEC-2001) - Millennium Power Vision*, Perth, Australia, 344-349 (2001) [F1]

Thomas, GA, Davis, M, Whelan, J, Roberts, T*, 'Slamming Response of Large High Speed Catamarans', *Proceedings of FAST 2001, The 6th International Conference on FAST SEA TRANSPORTATION*, Southampton, UK, 97-107 (2001) [F1]

Tran Nguyen, GV, Beasley, AJ, Bernard, ES*, 'Application of Yield Line Theory to Round Determinate Panels', *Proceedings of the International Conference on Engineering Developments in Shotcrete*, Hobart, Tasmania, Australia, 245-254 (2001) [F1]

Tran Nguyen, GV, Beasley, AJ, Bernard, ES*, 'Monte Carlo Analysis for Crack Modelling in Fibre Reinforced Shotcrete Panels', *Proceedings of the ICCMC/IBST 2001 International Conference on Advanced Technologies in Design, Construction and Maintenance of Concrete Structures*, Hanoi, Vietnam, 195-202 (2001) [F1]

Geography and Environmental Studies

Journal Article

Allen, KJ, Cook, ER*, Francey, RJ*, Michael, KJ, 'The climatic response of *Phyllocladus aspleniifolius* (Labill.) Hook. f in Tasmania', *Journal of Biogeography*, **28** (3) 305-316 (2001) [A1]

Bradshaw, MB, Wood, LJ, **Williamson, S**, 'Applying qualitative and quantitative research: a social impact assessment of a fishery', *Applied Geography*, **21** (1) 69-85 (2001) [A1]

Catchpole, EA*, Catchpole, WR*, Viney, NR*, McCaw, WL*, **Marsden-Smedley, JB**, 'Estimating fuel response time and predicting fuel moisture content from field data', *International Journal of Wildland Fire*, **10** (2) 215-222 (2001) [A1]

Cubit, S, 'Tournaments of Value Horses, Wilderness, and the Tasmanian Central Plateau', *Environmental History*, **6** (3) 395-411 (2001) [A1]

Kuchinke, CP, Nunez, M, 'Spectral dependence in the cosine response of broadband UV instruments', *Journal of Geophysical Research*, **106** (D13) 14,287-14,300 (2001) [A1]

Mallick, SA, 'Production and consumption of nectar in flowers of Tasmanian leatherwood, *Eucryphiaceae lucida* (Eucryphiaceae)', *Australian Journal of Botany*, **49** (4) 435-442 (2001) [A1]

Marsden-Smedley, JB, Catchpole, WR*, Pyrke, A*, 'Fire modelling in Tasmanian buttongrass moorlands. IV* Sustaining versus non-sustaining fires', *International Journal of Wildland Fire*, **10** (2) 255-262 (2001) [A1]

Marsden-Smedley, JB, Catchpole, WR*, 'Fire modelling Tasmanian buttongrass moorlands.

III* Dead fuel moisture', *International Journal of Wildland Fire*, **10** (2) 241-253 (2001) [A1]

McQuillan, PB, **Young, CJ**, Richardson, AMM, 'A revision of the Australian moth genus *Paralaea* Guest (Lepidoptera: Geometridae: Ennominae)', *Invertebrate Taxonomy*, **15** (3) 277-317 (2001) [A1]

Steinbauer, MJ, McQuillan, PB, **Young, CJ**, 'Life history and behavioural traits of *Mnesampela privata* that exacerbate population responses to eucalypt plantations: Comparisons with Australian and outbreak species of forest geometrid from the Northern Hemisphere', *Austral Ecology*, **26** (5) 525-534 (2001) [A1]

Stratford, E, **Harwood, A**, 'Feral Travel and the Transport Field: Some Observations on the Politics of Regulating Skating in Tasmania', *Urban Policy and Research*, **19** (1) 61-76 (2001) [A1]

Young, CJ, McQuillan, PB, 'Redescription of the little-known Australian geometrid moth *Palleopa innotata* Walker, 1866 (Lepidoptera: Geometridae: Ennominae)', *Insect Systematics and Evolution*, **32** (3) 263-278 (2001) [A1]

Book

Boyce, PJ, *God's own country?*, Anglicare Tasmania, Hobart, 130pp (2001) [B2]

Contract Report, Consultant's Report

Potts, BM, Barbour, RC, **Hingston, AB**, *Genetic pollution from farm forestry using eucalypt species and hybrids*, Rural Industries Research and Development Corporation, 01/114 (2001) [I1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Wijanarto, AB, Osborn, JE, *The application of digital photogrammetric techniques to mapping tree height in Eucalypt plantations*, Gunns Ltd (2001) [I1]

Fallon, LD, Kriwoken, LK, *Key elements contributing to effective and sustainable visitor Centres: An evaluation of the Strahan Visitor Centre, Tasmania, Australia*, Co-operative Research Centre for Sustainable Tourism (2001) [I2]

Kriwoken, LK, Lennox, S*, **Ellis, CF**, *Tasmanian Wildlife Tourism Inventory: Developing an inventory of wildlife viewing opportunities*, Co-operative Research Centre for Sustainable Tourism (2001) [I2]

Mathematics and Physics

IASOS

Journal Article

Bi, D, Budd, WF, Hirst, AC*, Wu, X, 'Collapse and reorganisation of the Southern Ocean overturning under global warming in a coupled model', *Geophysical Research Letters*, **28** (20) 3927-3930 (2001) [A1]

Dare, RA, Budd, WF, 'Analysis of Surface Winds at Mawson, Antarctica', *Weather and Forecasting*, **16** 416-431 (2001) [A1]

Lourey, MJ, Trull, T, 'Seasonal nutrient depletion and carbon export in the Subantarctic and Polar Frontal Zones of the Southern Ocean south of Australia', *Journal of Geophysical Research*, **106** (C12) 31,463-31,487 (2001) [A1]

Massom, RA, **Hill, KL**, Lytle, VI, Worby, AP, **Paget, MJ**, Allison, I, 'Effects of regional fast-ice and iceberg distributions on the behaviour of the Mertz Glacier polynya, East Antarctica', *Annals of Glaciology*, **33** 391-398 (2001) [A1]

Massom, RA, Eicken, H*, Haas, C*, Jeffries, MO*, Drinkwater, MR*, Sturm, M*, Worby, AP, Wu, X, Lytle, VI, Ushio, S*, Morris, K*, **Reid, PA**, Warren, SG*, Allison, I, 'Snow on Antarctic sea ice', *Review of Geophysics*, **39** (3) 413-445 (2001) [A1]

McMorrow, AJ, Curran, MAJ, van Ommen, TD, Morgan, VI, Pook, MJ, Allison, I, 'Intercomparison of firn core and meteorological data', *Antarctic Science*, **13** (3) 329-337 (2001) [A1]

O'Leary, T, Trull, T, Griffiths, FB*, Tilbrook, B*, Revill, AT*, 'Euphotic zone variations in bulk and compound-specific $\delta^{13}\text{C}$ of suspended organic matter in the subantarctic ocean, south of Australia', *Journal of Geophysical Research*, **106** (C12) 31,669-31,684 (2001) [A1]

Paget, MJ, Worby, AP, Michael, KJ, 'Determining the floe-size distribution of East Antarctic sea ice from digital aerial photographs', *Annals of Glaciology*, **33** 94-100 (2001) [A1]

Palmer, AS, van Ommen, TD, Curran, MAJ, Morgan, VI, Souney, JM*, Mayewski, PA*, 'High-precision dating of volcanic events (A.D. 1301-1995) using ice cores from Law Dome, Antarctica', *Journal of Geophysical Research*, **106** (D22) 28,089-28,095 (2001) [A1]

Palmer, AS, van Ommen, TD, Curran, MAJ, Morgan, VI, 'Ice-core evidence for a small solar-source of atmospheric nitrate', *Geophysical Research Letters*, **28** (10) 1953-1956 (2001) [A1]

Phillips, K, Jackson, GD, Nichols, PD*, 'Predation on myctophids by the squid *Moroteuthis ingens* around Macquarie and Heard Islands: stomach contents and fatty acid analyses', *Marine Ecology Progress Series*, **215** (31 May) 179-189 (2001) [A1]

Roberts, A, Allison, I, Lytle, V, 'Sensible- and latent-heat-flux estimates over the Mertz Glacier polynya, East Antarctica, from in-flight measurements', *Annals of Glaciology*, **33** 377-384 (2001) [A1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Taylor, F, McMinn, A, 'Evidence from diatoms for Holocene climate fluctuation along the East Antarctic margin', *The Holocene*, **11** (4) 455-466 (2001) [A1]

Tierney, M, Hindell, MA, **Lea, MA**, Tollit, D*, 'A comparison of techniques used to estimate body condition of southern elephant seals (*Mirounga leonina*)', *Wildlife Research* (28) 581-588 (2001) [A1]

Wang, X, Matear, RJ, Trull, T, 'Modeling seasonal phosphate export and resupply in the Subantarctic and Polar Frontal Zones in the Australian sector of the Southern Ocean', *Journal of Geophysical Research*, **106** (C12) 31,525-31,541 (2001) [A1]

Whitehead, JM, Quilty, PG, Harwood, DM*, McMinn, A, 'Early Pliocene paleoenvironment of the Sørsdal Formation, Vestfold Hills, based on diatom data', *Marine Micropaleontology*, **41** 125-152 (2001) [A1]

Williams, MJM, Grosfeld, K*, Warner, RC, Gerdes, R*, Determann, J*, 'Ocean circulation and ice-ocean interaction beneath the Amery Ice Shelf, Antarctica', *Journal of Geophysical Research*, **106** (C10) 22,383-22,399 (2001) [A1]

Conference Publication

Breadmore, MC, **Palmer, AS**, Macka, M, Curran, MAJ, Audalovic, N*, Haddad, PR, 'A Novel In-Line Preconcentration Method for Capillary Electrophoresis', *HPLC 2001*, Maastricht, The Netherlands, 1 (2001) [F3]

Mathematics and Physics

Mathematics

Journal Article

Albrow, MD*, An, J*, Beaulieu, JP*, Caldwell, JAR*, Dominik, M*, Greenhill, JG, Hill, KM, **Kane, S**, Martin, R*, Menzies, J*, Pollard, K*, Sackett, PD*, Sahu, KC*, Vermaak, P*, Watson, RD, Williams, A*, Hauschildt, PH*, 'H? Equivalent Width Variations Across the Face of a Microlensed K Giant in the Galactic Bulge', *The Astrophysical Journal*, **550** (2) L173-L177 (2001) [A1]

Albrow, MD*, An, J*, Beaulieu, JP*, Caldwell, JAR*, DePoy, DL*, Dominik, M*, Gaudi, BS*, Gould, A*, Greenhill, JG, Hill, KM, **Kane, S**, Martin, R*, Menzies, J*, Naber, RM*, Pel, JW*, Pogge, RW*, Pollard, KR*, Sackett, PD*, Sahu, KC*, Vermaak, P*, Vreeswijk, PM*, Watson, RD, Williams, A*, 'Limits on the Abundance of Galactic Planets from 5 Years of PLANET Observations', *The Astrophysical Journal*, **556** (1) L113-L116 (2001) [A1]

Albrow, MD*, An, J*, Beaulieu, JP*, Caldwell, JAR*, DePoy, DL*, Dominik, M*, Gaudi, BS*, Gould, A*, Greenhill, JG, Hill, KM, **Kane, S**, Martin, R*, Menzies, J*, Pogge, RW*, Pollard, KR*, Sackett, PD*, Sahu, KC*, Vermaak, P*, Watson, RD, Williams, A*, 'PLANET Observations of Microlensing Event OGLE-1999-BUL-23: Limb-darkening Measurement of the Source Star', *The Astrophysical Journal*, **549** (2) 759-769 (2001) [A1]

Kelarev, AV, **Quinn, SJ**, Smolikova, R*, 'Power graphs and semigroups of matrices', *Bulletin of the Australian Mathematical Society*, **63** 341-344 (2001) [A1]

Mathematics and Physics

Physics

Journal Article

Albrow, MD*, An, J*, Beaulieu, JP*, Caldwell, JAR*, Dominik, M*, Greenhill, JG, Hill, KM, **Kane, S**, Martin, R*, Menzies, J*, Pollard, K*, Sackett, PD*, Sahu, KC*, Vermaak, P*, Watson, RD, Williams, A*, Hauschildt, PH*, 'H? Equivalent Width Variations Across the Face of a Microlensed K Giant in the Galactic Bulge', *The Astrophysical Journal*, **550** (2) L173-L177 (2001) [A1]

Albrow, MD*, An, J*, Beaulieu, JP*, Caldwell, JAR*, DePoy, DL*, Dominik, M*, Gaudi, BS*, Gould, A*, Greenhill, JG, Hill, KM, **Kane, S**, Martin, R*, Menzies, J*, Naber, RM*, Pel, JW*, Pogge, RW*, Pollard, KR*, Sackett, PD*, Sahu, KC*, Vermaak, P*, Vreeswijk, PM*, Watson, RD, Williams, A*, 'Limits on the Abundance of Galactic Planets from 5 Years of PLANET Observations', *The Astrophysical Journal*, **556** (1) L113-L116 (2001) [A1]

Albrow, MD*, An, J*, Beaulieu, JP*, Caldwell, JAR*, DePoy, DL*, Dominik, M*, Gaudi, BS*, Gould, A*, Greenhill, JG, Hill, KM, **Kane, S**, Martin, R*, Menzies, J*, Pogge, RW*, Pollard, KR*, Sackett, PD*, Sahu, KC*, Vermaak, P*, Watson, RD, Williams, A*, 'PLANET Observations of Microlensing Event OGLE-1999-BUL-23: Limb-darkening Measurement of the Source Star', *The Astrophysical Journal*, **549** (2) 759-769 (2001) [A1]

Bashir, A, Delbourgo, R, **Roberts, ML**, 'Multidimensional phase space and sunset diagrams', *Journal of Mathematical Physics*, **42** (12) 5553-5564 (2001) [A1]

Corney, SP, Jarvis, PD, Tsohantjis, I*, McAnally, DS*, 'Generalized scalar particle quantization in 1+1 dimensions and $D(2,1;?)$ ', *Journal of Physics A: Mathematical and General*, **34** (19) 4115-4127 (2001) [A1]

Galloway, D, Giles, AB, Wu, K*, Greenhill, JG, 'Accretion column eclipses in the X-ray pulsars GX 1+4 and RX J0812.4-3114', *Monthly Notices of the Royal Astronomical Society*, **325** (1) 419-425 (2001) [A1]

Garnett, TP, Shabala, SN, Smethurst, PJ, Newman, IA, 'Simultaneous measurement of ammonium, nitrate and proton fluxes along the length of eucalypt roots', *Plant and Soil*, **236** 55-62 (2001) [A1]

Thesis Accepted for Higher Degree

Shea, M, 'Cosmic Ray Cutoff Rigidities and Associated Solar-Terrestrial Phenomena' (2001) [M4]

Smart, D, 'Contributions to Solar Proton Event Studies, Prediction and Analyses' (2001) [M4]

Plant Science

Journal Article

Beveridge, CA*, **Batge, SL**, Ross, JJ, Murfet, IC, 'Hormone physiology of pea mutants prevented from flowering by mutations *gi* or *veg1*', *Physiologia Plantarum*, **113** (1) 285-291 (2001) [A1]

Blackburn, SI*, **Bolch, CJS**, Haskard, KA*, Hallegraeff, GM, 'Reproductive compatibility among four global populations of the toxic dinoflagellate *Gymnodinium catenatum* (Dinophyceae)', *Phycologia*, **40** (1) 78-87 (2001) [A1]

Close, DC, Beadle, CL*, Hovenden, MJ, 'Cold-induced photoinhibition and foliar pigment dynamics of *Eucalyptus nitens* seedlings during establishment', *Aust. J. Plant Physiol*, **28** 1133-1141 (2001) [A1]

Freeman, JS, Jackson, HD, Steane, D, **McKinnon, G**, Dutkowski, GV, Potts, BM, Vaillancourt, RE, 'Chloroplast DNA phylogeography of *Eucalyptus globulus*', *Australian Journal of Botany*, **49** 585-596 (2001) [A1]

Marshall, WF*, **Vucica, Y**, Rosenbaum, JL*, 'Kinetics and regulation of de novo centriole assembly: Implications for the mechanism of centriole duplication', *Current Biology*, **11** (5) 308-317 (2001) [A1]

McGowen, MH, Wiltshire, RJE, Potts, BM, Vaillancourt, RE, 'The origin of *Eucalyptus vernicosa*, a unique shrub eucalypt', *Biological Journal of the Linnean Society*, **74** 397-405 (2001) [A1]

Milgate, A, Yuan, ZQ, Vaillancourt, RE, Mohammed, CL, 'Mycosphaerella species occurring on *Eucalyptus globulus* and *Eucalyptus nitens* plantations of Tasmania, Australia', *Forest Pathology*, **31** 53-63 (2001) [A1]

Milgate, A, Yuan, ZQ, Vaillancourt, RE, Mohammed, CL, 'Mycosphaerella species occurring on *Eucalyptus globulus* and *Eucalyptus nitens* plantations of Tasmania, Australia', *Forest Pathology*, **31** 53-63 (2001) [A1]

Ross, JJ, **O'Neill, DP**, 'New interactions between classical plant hormones', *Trends in Plant Science*, **6** (1) 1-4 (2001) [A1]

Taylor, S, Hofer, J*, Murfet, IC, '*Stamina pistilloida*, the Pea Ortholog of *Fim* and *UFO*, Is Required for Normal Development of Flowers, Inflorescences, and Leaves', *The Plant Cell*, **13** 31-46 (2001) [A1]

Weller, JL, **Beauchamp, N**, Kerckhoffs, LH, **Platten, JD**, Reid, JB, 'Interaction of phytochromes A and B in the control of de-etiolation and flowering in pea', *The Plant Journal*, **26** (3) 283-294 (2001) [A1]

Yaxley, JL, Jablonski, W, Reid, JB, 'Leaf and Flower Development in Pea (*Pisum sativum* L.): Mutants *cochleata* and *unifoliata*', *Annals of Botany*, **88** 225-234 (2001) [A1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Psychology

Journal Article

Austen, ML, Wilson, GV, 'Increased Vagal Tone During Winter in Subsyndromal Seasonal Affective Disorder', *Biological Psychiatry*, **50** (1) 28-34 (2001) [A1]

Davidson, JA, **Versluys, M**, 'Conflict resolution training within a school setting', *The Australian Educational and Developmental Psychologist*, **17** (2) 117-134 (2000) [A1]

Dewis, LM, Kirkby, KC, Martin, F, Daniels, BA, Gilroy, L, Menzies, RG*, 'Computer-aided vicarious exposure versus live graded exposure for spider phobia in children', *Journal of Behaviour Therapy and Experimental Psychiatry*, **32** 17-27 (2001) [A1]

Grisaru, N*, **Bruno, RB**, Pridmore, S*, 'Effect on the Emotions of Healthy Individuals of Slow Repetitive Transcranial Magnetic Stimulation Applied to the Prefrontal Cortex', *The Journal of ECT*, **17** (3) 184-189 (2001) [A1]

Holmes, GE, Williams, CL, Haines, J, 'Motor vehicle accident trauma exposure: Personality profiles associated with posttraumatic diagnoses', *Anxiety, Stress, and Coping*, **14** 301-313 (2001) [A1]

Pridmore, S*, **Bruno, RB**, Turnier-Shea, Y*, Rybak, M*, Reid, P*, 'Postexercise facilitation appears durable in normal subjects', *Psychiatry and Clinical Neurosciences*, **55** 157-159 (2001) [A1]

Slaghuis, WL, **Bishop, AM**, 'Luminance flicker sensitivity in positive- and negative-symptom schizophrenia', *Experimental Brain Research*, **138** 88-99 (2001) [A1]

Van Niekerk, LM, Martin, F, 'Tasmanian nurses' knowledge of pain management', *International Journal of Nursing Studies*, **38** 141-152 (2001) [A1]

Chapter in Book

Pridmore, S*, Rybak, M*, Turnier-Shea, Y*, Reid, P*, **Bruno, RB**, Grisaru, N*, 'Comparison of Transcranial Magnetic Stimulation and Electroconvulsive Therapy in Depression', *Contemporary Neuropsychiatry*, Springer-Verlag, K Miyoshi, CM Shapiro, M Gaviria and Y Morita (ed), Hong Kong, 237-241 (2001) [C1]

Conference Publication

Holmes, GE, Williams, CL, Haines, J, 'Cognitive profiles of acute stress disorder and posttraumatic stress disorder following motor vehicle accident trauma', *Proceedings of the 56th Annual Convention International Council of Psychologists*, Melbourne, Victoria, 277-285 (2001) [F2]

Bickel, RC, 'Adolescents in custody: Comorbidity and coping skills', *Australian Journal of Psychology*, Sydney, NSW, 3-4 (2001) [F3]

Cayoun, B, Tayler, M, Summers, J, 'The role of attention in stabilising interlimb co-ordination dynamics', *Australian Journal of Psychology*, Adelaide, SA, 143 (2001) [F3]

Crawley, TFO, Martin, F, **Sim, TWT**, 'Impulsiveness, aggression and response fabrication in a university sample', *Australian Journal of Psychology*, Sydney, NSW, 7 (2001) [F3]

Drinkwater, LC, Martin, F, Alexander, JRM, 'Sex differences in children's reading', *Australian Journal of Psychology*, Adelaide, SA, 147-148 (2001) [F3]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Glading, JA, Williams, CL, Haines, J, 'The psychophysiology of acts of murder', *Australian Journal of Psychology*, Sydney, NSW, 14 (2001) [F3]

Haines, J, Williams, CL, **O'Donnell, GE**, 'Psycho-legal assessment: The detection of malingering of posttrauma responses', *Australian Journal of Psychology*, Sydney, NSW, 15-16 (2001) [F3]

Martin, F, **Minehan, DC**, 'Deficits in attentional processes following cannabis and alcohol use', *Australian Journal of Psychology*, Adelaide, SA, 163-164 (2001) [F3]

Martin, F, **Minehan, DC**, 'Effect of long term alcohol and cannabis use on attention', *Society for Psychophysiology*, Montreal, Canada, S64 (2001) [F3]

Matthews, AJ, Martin, F, 'ERP indices of visuospatial attention in good and poor phonological decoders', *Australian Journal of Psychology*, Newcastle, NSW, 0-0 (In Press) [F3]

Montgomery, K, Martin, F, 'The effect of exposure to odours of sedative and stimulant essential oils on P3a and P3b', *Australian Journal of Psychology*, Newcastle, NSW, 0-0 (In Press) [F3]

Wood, C, Davidson, JA, 'Less stress and more success: PET for Australian parents', *Australian Journal of Psychology*, Adelaide, SA, 182 (2001) [F3]

Thesis Accepted for Higher Degree

Bagga, HS, 'Personality, Obsessive-Compulsive Symptoms, and Human Computer Interactions' (2001) [M2]

Beasley, M, 'Resilience in Response to Life Stress: The Effects of Coping Style and Cognitive Hardiness on the Psychological Health of Mature Age Students' (2001) [M2]

Glading, JA, 'Peri-homicidal reactions to homicidal behaviours' (2001) [M2]

Hood, MA, 'Respiratory, Autonomic and Emotional Responses to Affect Manipulation in High and Low Trait Anxiety' (2001) [M2]

Leeson, SA, 'The Influence of Age, Sex and Coeducation on Gender Cleavage and Friendship Quality During Childhood and Adolescence' (2001) [M2]

Minehan, DC, 'Cannabis and Alcohol Abuse: Subtle Cognitive Effects' (2000) [M2]

Taylor, M, 'Does Doxycycline Confer cerebral Protection in Humans Undergoing Cardiopulmonary Bypass?' (2000) [M2]

Yau-Evans, SWP, 'Anxiety in Middle Childhood' (2001) [M2]

Morgan, MJ, 'Training choice-making of adults with intellectual disabilities' (2001) [M3]

O'Mara, J, 'The Psychophysiological Correlates of Empathy in Couple Interactions' (2001) [M3]

Watchorn, JH, 'Surviving Port Arthur: The role of dissociation in the impact of psychological trauma and its implications for the process of recovery' (2001) [M3]

Other Public Output

Clear, SM, 'Accident stress study launched', *The Examiner Newspaper*, The Examiner Newspaper Pty. Ltd., Launceston, Tasmania, 8/5/01 (2001) [O1]

Austen, ML, Wilson, GV, 'Hibernating humans', *New Scientist*, New Scientist, New Zealand, 2322/2323 (2001) [O2]

Billingsley, BA, 'Science at school - The student experience', *Ockham's Razor*, ABC Radio National, Melbourne, 30/9/01 (2001) [O3]

Farndale, HL, 'Schizophrenia', *Ric Paterson's Morning Show*, ABC Radio, Hobart, 14/11/01 (2001) [O3]

Fowler, JM, 'Gay male body image', *7ZR Drive Time*, ABC Radio, Hobart, 6/9/01 (2001) [O3]

Fowler, JM, 'Gay male body image', *JJJ Radio*, ABC, Melbourne, 7/9/01 (2001) [O3]

Hart, E, **Hawkes, AL**, 'Bulimia Nervosa', *Ric Paterson's Morning Show*, ABC Radio, Hobart, 1, 26/11/01 (2001) [O3]

Tasmanian Aquaculture and Fisheries Institute

Aquaculture

Journal Article

- Adams, MB**, Nowak, BF, 'Distribution and structure of lesions in the gills of Atlantic salmon, *Salmo salar* L., affected with amoebic gill disease', *Journal of Fish Diseases*, **24** (1) 535-542 (2001) [A1]
- Bransden, MP**, Carter, CG, Nowak, BF, 'Alternative methods for nutrition research on the southern bluefin tuna, *Thunnus maccoyii* (Castelnau): evaluation of Atlantic salmon, *Salmo salar* L., to screen experimental feeds', *Aquaculture Research*, **32** (1) 174-181 (2001) [A1]
- Bransden, MP**, Carter, CG, Nowak, BF, 'Effects of dietary protein source on growth, immune function, blood chemistry and disease resistance of Atlantic salmon (*Salmo salar* L.) parr', *Animal Science*, **73** (1) 105-113 (2001) [A1]
- Chen, WM**, Purser, GJ, 'The effect of feeding regime on growth, locomotor activity pattern and the development of food anticipatory activity in greenback flounder', *Journal of Fish Biology*, **58** (1) 177-187 (2001) [A1]
- Cobcroft, JM**, Pankhurst, PM, **Sadler, J**, Hart, PR, 'Jaw development and malformation in cultured striped trumpeter *Latris lineata*', *Aquaculture*, **199** (3-4) 267-282 (2001) [A1]
- Cobcroft, JM**, Pankhurst, PM, Hart, PR, Battaglione, SC, 'The effects of light intensity and algae-induced turbidity on feeding behaviour of larval striped trumpeter', *Journal of Fish Biology*, **59** (5) 1181-1197 (2001) [A1]
- Cook, MT*, **Morrison, RN**, Wilkinson, R*, Nowak, BF, Hayball, PJ*, Hayball, JD*, 'A screen of mammalian antibodies on snapper (*Pagrus auratus*, Sparidae) peripheral blood leukocytes reveals cross reactivity of an anti-human CD3 antibody with a population of mIg⁻ cells', *Developmental & Comparative Immunology*, **25** (1) 553-559 (2001) [A1]
- Douglas-Helders, GM**, Carson, J, Howard, T, Nowak, BF, 'Development and validation of a new dot blot test for the detection of *Paramoeba pemaquidensis* (Page) in fish', *Journal of Fish Diseases*, **24** (1) 273-280 (2001) [A1]
- Douglas-Helders, GM**, Saksida, S*, Raverty, S*, Nowak, BF, 'Temperature as a risk factor for outbreaks of Amoebic Gill Disease in farmed Atlantic salmon (*Salmo salar*)', *Bulletin of the European Association of Fish Pathologists*, **21** (3) 114-116 (2001) [A1]
- Engin, K**, Carter, CG, 'Ammonia and urea excretion rates of juvenile Australian short-finned eel (*Anguilla australis australis*) as influenced by dietary protein level', *Aquaculture*, **194** (1) 123-136 (2001) [A1]
- English, LJ**, Nell, JA*, Maguire, GB*, Ward, RD*, 'Allozyme variation in three generations of selection for whole weight in Sydney rock oysters (*Saccostrea glomerata*)', *Aquaculture*, **193** (1) 213-225 (2001) [A1]
- Farhangi, M**, Carter, CG, 'Growth, physiological and immunological responses of rainbow trout (*Oncorhynchus mykiss*) to different dietary inclusion levels of dehulled lupin (*Lupinus angustifolius*)', *Aquaculture Research*, **32** (1) 329-340 (2001) [A1]
- Hauler, RC**, Carter, CG, 'Lysine deposition responds linearly to marginal lysine intake in Atlantic salmon (*Salmo salar* L.) parr', *Aquaculture Research*, **32** (1) 147-156 (2001) [A1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

- Hobby, AC**, Pankhurst, NW, Geraghty, DP, 'A Comparison of sex steroid binding protein (SBP) in four species of teleost fish', *Fish Physiology and Biochemistry*, **23** 245-256 (2000) [A1]
- Mineely, PJ*, Wong, L*, Cameron, P*, Hillier, P*, **Mondon, JA**, 'Environmental aspects of wastewater discharges from a hardwood woodchip mill located on an estuary in Northern Tasmania', *Appita Journal*, **54** (5) 431-434 (2001) [A1]
- Mondon, JA**, Duda, S*, Nowak, BF, 'Histological, growth and 7-ethoxyresorufin O-deethylase (EROD) activity responses of greenback flounder *Rhombosolea tapirina* to contaminated marine sediment and diet', *Aquatic Toxicology*, **54** (1) 231-247 (2001) [A1]
- Mondon, JA**, Nowak, BF, Sodergren, A*, 'Persistent Organic Pollutants in Oysters *Crassostrea gigas* and Sand Flathead *Platycephalus bassensis* from Tasmanian Estuarine and Coastal Waters', *Marine Pollution Bulletin*, **42** (2) 157-161 (2001) [A1]
- Morrison, RN**, Nowak, BF, 'Affinity purification and partial characterisation of systemic immunoglobulin of the snapper (*Pagrus auratus*)', *Aquaculture*, **201** (1) 1-17 (2001) [A1]
- Morrison, RN**, Nowak, BF, Carson, J, 'The histopathological effects of a levamisole-adjuvanted *Vibrio anguillarum* vaccine on Atlantic salmon (*Salmo salar* L.)', *Aquaculture*, **195** (1) 23-33 (2001) [A1]
- Percival, SB**, Lee, PS*, Carter, CG, 'Validation of a technique for determining apparent digestibility in large (up to 5kg) Atlantic salmon (*Salmo salar* L.) in seacages', *Aquaculture*, **201** (1) 315-327 (2001) [A1]
- Purser, GJ, **Chen, WM**, 'The effect of meal size and meal duration on food anticipatory activity in greenback flounder', *Journal of Fish Biology*, **58** (1) 188-200 (2001) [A1]
- Sadler, J**, Pankhurst, PM, King, HR*, 'High prevalence of skeletal deformity and reduced gill surface area in triploid Atlantic salmon (*Salmo salar* L.)', *Aquaculture*, **198** (1) 369-386 (2001) [A1]
- Smith, GG**, Ritar, AJ, Thompson, PA, Dunstan, GA*, Brown, MR*, 'The effect of embryo incubation temperature on indicators of larval viability in Stage 1 phyllosoma of the spiny lobster, *Jasus edwardsii*', *Aquaculture* 00-00 (In Press) [A1]
- Trotter, AJ**, Pankhurst, PM, Hart, PR, 'Swim bladder malformation in hatchery-reared striped trumpeter *Latris lineata* (Latridae)', *Aquaculture*, **198** (1) 41-54 (2001) [A1]
- Watts, M**, Munday, BL, Burke, CM, 'Immune responses of teleost fish', *Australian Veterinary Journal*, **79** (8) 570-574 (2001) [A1]
- Watts, M**, Munday, BL, Burke, CM, 'Isolation and partial characterisation of immunoglobulin from southern bluefin tuna *Thunnus maccoyii* Castelnau', *Fish & Shellfish Immunology*, **11** 491-503 (2001) [A1]
- Watts, M**, Munday, BL, Burke, CM, 'Production, characterisation and diagnostic use of antisera to southern bluefin tuna (*Thunnus maccoyii* Castelnau) immunoglobulin', *Aquaculture*, **199** (1) 245-257 (2001) [A1]
- Bransden, MP**, Carter, CG, Nowak, BF, 'Alternative protein sources for farmed salmon', *Feed Mix*, **9** (3) 8-11 (2001) [A3]

Suplicy, FM, 'Do Cultivo De Mexilhoes Para a Aquacultura', *Panorama da Aquicultura*, **11** (68) 25-38 (2001) [A3]

Conference Publication

Carter, CG, Van Barneveld, RJ*, **Brandsen, MP**, Glencross, B*, Clarke, SM*, Foster, C*, 'Nutrition Research and the Development of Southern Bluefin Tuna Aquaculture in Australia', *Aquaculture and Fisheries Resources Management: Proceedings of the Joint Taiwan-Australian Aquaculture and Fisheries Resources and Management Forum (TFRI Conference Proceedings 4)*, Keelung, Taiwan, 205-208 (2001) [F2]

Carter, CG, **Brandsen, MP**, Lewis, T, Attard, M, Nichols, PD*, 'The potential of thraustochytrids as a replacement for fish oil in feeds for Atlantic salmon, *Salmo salar* L', *The Cultivation of Salmon II*, Bergen, Norway, 11-12 (2001) [F3]

Cobcroft, JM, Pankhurst, PM, Battaglione, SC, 'The visual field and feeding of cultured striped trumpeter (*Latris lineata*) larvae under differing light environments', *Larvi 2001 Fish & Shellfish Larviculture Symposium European Aquaculture Society Special Publication Number 30*, Oostende, Belgium, 164-167 (2001) [F3]

Powell, MD, Nowak, BF, **Adams, MB**, Forster, ME*, 'Cardiovascular pathology and dysfunction associated with amoebic gill disease in cultured Atlantic salmon (*Salmo salar*)', *Diseases of Fish and Shellfish*, Dublin, Ireland, 117 (2001) [F3]

Purser, GJ, **Chen, WM**, Hunter, BJ, 'Food anticipatory activity in greenback flounder', *Voluntary Food Intake in Fish*, Reykjavik, Iceland, 56 (2001) [F3]

Stewart, NJ, Munday, BL, 'Recent research on ulcerative mycosis of platypuses: epidemiological interpretations', *Proceedings of Veterinary Conservation Biology Wildlife Health and Management in Australia*, Sydney, Australia, 291 (2001) [F3]

Stewart, NJ, Munday, BL, 'What do serological responses in platypuses against *Mucor* spp really mean?', *Proceedings of Veterinary Conservation Biology Wildlife Health and Management in Australia*, Sydney, Australia, 292 (2001) [F3]

Contract Report, Consultant's Report

Bermudes, MFM, Ritar, AJ, Thompson, P, *Examine environmental effects on phyllosoma of southern rock lobster (*Jasus edwardsii*)*, Fisheries Research and Development Corporation (2001) [I1]

Burke, CM, Harris, JO, **Hindrum, SM**, Edwards, SJ, Maguire, GB*, *Environmental Requirements of Abalone*, FRDC, 97/323 (2001) [I1]

Ward, LR, Crear, BJ, Carter, CG, Smith, D*, *Protein and protein to energy responses of small juvenile southern rock lobster *J. edwardsii**, Fisheries Research and Development Corporation (2001) [I1]

Other Public Output

Morehead, DT, Battaglione, SC, Hart, PR, Pankhurst, T, Cobcroft, JM, **Trotter, AJ**, 'Hatchery Manual for Striped Trumpeter (*Latris Lineata*)', *Internal Report*, Tasmanian Aquaculture and Fisheries Institute, Hobart, Tasmania (2001) [O5]

Tasmanian Aquaculture and Fisheries Institute

Fish Health Unit

Journal Article

Douglas-Helders, GM, Carson, J, Howard, T, Nowak, BF, 'Development and validation of a new dot blot test for the detection of *Paramoeba pemaquidensis* (Page) in fish', *Journal of Fish Diseases*, **24** (1) 273-280 (2001) [A1]

Morrison, RN, Nowak, BF, Carson, J, 'The histopathological effects of a levamisole-adjuvanted *Vibrio anguillarum* vaccine on Atlantic salmon (*Salmo salar* L.)', *Aquaculture*, **195** (1) 23-33 (2001) [A1]

Tasmanian Aquaculture and Fisheries Institute

Marine Research Laboratory

Journal Article

Cobcroft, JM, Pankhurst, PM, **Sadler, J**, Hart, PR, 'Jaw development and malformation in cultured striped trumpeter *Latris lineata*', *Aquaculture*, **199** (3-4) 267-282 (2001) [A1]

Cobcroft, JM, Pankhurst, PM, Hart, PR, Battaglione, SC, 'The effects of light intensity and algae-induced turbidity on feeding behaviour of larval striped trumpeter', *Journal of Fish Biology*, **59** (5) 1181-1197 (2001) [A1]

Nelson, MM, Mooney, BD*, Nichols, PD*, Phleger, CF*, Smith, GG, Hart, PR, Ritar, AJ, 'The effect of diet on the biochemical composition of juvenile *Artemia*: potential formulations for rock lobster aquaculture', *Journal of the World Aquaculture Society* 00-00 (In Press) [A1]

Smith, GG, Ritar, AJ, Phleger, CF*, **Nelson, MM**, Mooney, B*, Nichols, PD*, Hart, PR, 'Changes in gut content and composition of juvenile *Artemia* after oil enrichment and during starvation', *Aquaculture* 00-00 (In Press) [A1]

Smith, GG, Ritar, AJ, Thompson, PA, Dunstan, GA*, Brown, MR*, 'The effect of embryo incubation temperature on indicators of larval viability in Stage 1 phyllosoma of the spiny lobster, *Jasus edwardsii*', *Aquaculture* 00-00 (In Press) [A1]

Trotter, AJ, Pankhurst, PM, Hart, PR, 'Swim bladder malformation in hatchery-reared striped trumpeter *Latris lineata* (Latridae)', *Aquaculture*, **198** (1) 41-54 (2001) [A1]

Conference Publication

Cobcroft, JM, Pankhurst, PM, Battaglione, SC, 'The visual field and feeding of cultured striped trumpeter (*Latris lineata*) larvae under differing light environments', *Larvi 2001 Fish & Shellfish Larviculture Symposium European Aquaculture Society Special Publication Number 30*, Oostende, Belgium, 164-167 (2001) [F3]

Nelson, MM, Ritz, DA, Crear, BJ, Ritar, AJ, Nichols, PD*, 'Growth and lipid composition of phyllosoma of the southern rock lobster, *Jasus edwardsii*, fed enriched *Artemia*', *Fifth International Crustacean Congress and 'Summer' 2001 meeting of The Crustacean Society*, Melbourne, Victoria, Australia, 111 (2001) [F3]

Ritar, AJ, **Grubert, MA**, 'Conditioning of blacklip and greenlip abalone broodstock by temperature manipulation', *Proceedings of the 8th Annual Abalone Aquaculture Workshop*, Fremantle, Western Australia, 149-152 (2001) [F3]

Contract Report, Consultant's Report

Bermudes, MFM, Ritar, AJ, Thompson, P, *Examine environmental effects on phyllosoma of southern rock lobster (*Jasus edwardsii*)*, Fisheries Research and Development Corporation (2001) [I1]

Ward, LR, Crear, BJ, Carter, CG, Smith, D*, *Protein and protein to energy responses of small juvenile southern rock lobster *J. edwardsii**, Fisheries Research and Development Corporation (2001) [I1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

Other Public Output

Gardner, C, **Ziegler, PE**, 'Are catches of the Southern Rock Lobster *Jasus edwardsii* a true reflection of their abundance underwater?', *Internal Report*, Tasmanian Aquaculture and Fisheries Institute, Hobart, Tasmania, Australia (2001) [O5]

Morehead, DT, Battaglione, SC, Hart, PR, Pankhurst, T, Cobcroft, JM, **Trotter, AJ**, 'Hatchery Manual for Striped Trumpeter (*Latris Lineata*)', *Internal Report*, Tasmanian Aquaculture and Fisheries Institute, Hobart, Tasmania (2001) [O5]

Tasmanian Aquaculture and Fisheries Institute

Zoology – TAFI Activity

Journal Article

Phleger, CF*, **Nelson, MM**, Mooney, BD*,
Nichols, PD*, Ritar, AJ, Smith, GG, Hart, PR,
Jeffs, AG*, 'Lipids and nutrition of the southern
rock lobster, *Jasus edwardsii*, from hatch to
puerulus', *Marine and Freshwater Research*, **52**
1475-1486 (2001) [A1]

Thesis Accepted for Higher Degree

Frusher, SD, 'Evaluation of techniques for esti-
mating fishery assessment parameters in the
Tasmanian Rock Lobster Fishery' (2001) [M3]

Zoology

Journal Article

Beaumont, KL, Plummer, AJ*, Hosie, GW*, Ritz, DA, 'Production and fate of faecal pellets during summer in an East Antarctic fjord', *Hydrobiologia*, **453/454** 55-65 (2001) [A1]

Bethge, P, Munks, SA, Nicol, SC, 'Energetics of foraging and locomotion in the platypus *Ornithorhynchus anatinus*', *Journal of Comparative Physiology B-Biochemical Systemic and Environmental Physiology*, **171** 497-506 (2001) [A1]

Bonadonna, F*, **Lea, MA**, Dehorter, O*, Guinet, C*, 'Foraging ground fidelity and route-choice tactics of a marine predator: the Antarctic fur seal *Arctocephalus gazella*', *Marine Ecology Progress Series*, **223** 287-297 (2001) [A1]

Bulman, CM, Althaus, F*, He, X*, Bax, NJ*, Williams, A*, 'Diets and trophic guilds of demersal fishes of the south-eastern Australian shelf', *Marine and Freshwater Research* (52) 537-548 (2001) [A1]

Doran, NE, Richardson, AMM, Swain, R, 'The reproductive behaviour of the Tasmanian cave spider *Hickmania troglodytes* (Araneae: Austrochilidae)', *Journal of Zoology*, **253** 405-418 (2001) [A1]

Edwards, A, Jones, SM, 'Changes in Plasma Progesterone, Estrogen and Testosterone Concentrations Throughout the Reproductive Cycle in Female Viviparous Blue-Tongued Skinks, *Tiliqua nigrolutea* (Scincidae), in Tasmania', *General and Comparative Endocrinology*, **122** 260-269 (2001) [A1]

Edwards, A, Jones, SM, 'Changes in Plasma Testosterone, Estrogen, and Progesterone Concentrations throughout the Annual

Reproductive Cycle in Male Viviparous Blue-Tongued Skinks, *Tiliqua nigrolutea*, in Tasmania', *Journal of Herpetology*, **35** (2) 293-299 (2001) [A1]

Engelhard, GH*, van den Hoff, J*, Broekman, M*, Baarspul, ANJ*, **Field, I**, Burton, HR*, Reijnders, PJH*, 'Mass of weaned elephant seal pups in areas of low and high human presence', *Polar Biology*, **24** 244-251 (2001) [A1]

Evans, K, Robertson, K*, 'A note on the preparation of sperm whale (*Physeter macrocephalus*) teeth for age determination', *The Journal of Cetacean Research and Management*, **3** (1) 101-107 (2001) [A1]

Evans, K, Kemper, K*, Hill, M*, 'First records of the spectacled porpoise *Phocoena dioptrica* in continental Australian waters', *Marine Mammal Science*, **17** (1) 161-170 (2001) [A1]

Gartrell, BD, Jones, SM, 'Eucalyptus pollen grain emptying by two Australian nectarivorous psittacines', *Journal of Avian Biology*, **32** 224-230 (2001) [A1]

Gaskett, AC*, **Bulman, CM**, He, X*, Goldsworthy, SD*, 'Diet composition and guild structure of mesoplagic and bathypelagic fishes near Macquarie Island, Australia', *New Zealand Journal of Marine and Freshwater Research* (35) 469-476 (2001) [A1]

Guinet, C*, Dubroca, L*, **Lea, MA**, **Goldsworthy, S**, Cherel, Y*, Duhamel, G*, Bonadonna, F*, Donnay, JP*, 'Spatial distribution of foraging in female Antarctic fur seals *Arctocephalus gazella* in relation to oceanographic variables: a scale-dependent approach using geographic information systems', *Marine Ecology Progress Series*, **219** 251-264 (2001) [A1]

Bold type indicates the name of the Research Higher Degrees Candidate

* Not a member of this University

- Hansen, B**, Adams, M*, Krasnicki, T*, Richardson, AMM, 'Substantial allozyme diversity in the freshwater crayfish *Parastacoides tasmanicus* supports extensive cryptic speciation', *Invertebrate Taxonomy*, **15** 667-679 (2001) [A1]
- Hedd, A**, Gales, R*, Brothers, N*, 'Foraging strategies of shy albatross *Thalassarche cauta* breeding at Albatross Island, Tasmania, Australia', *Marine Ecology Progress Series*, **224** 267-282 (2001) [A1]
- Hedd, A**, Gales, RP*, 'The diet of shy albatrosses (*Thalassarche cauta*) at Albatross Island, Tasmania', *Journal of Zoology*, **253** 69-90 (2001) [A1]
- Hull, CL, Wilson, J*, **Le Mar, K**, 'Moult in adult Royal Penguins, *Eudyptes schlegelii*', *Emu*, **101** 173-176 (2001) [A1]
- Le Mar, K**, McArthur, C, 'Changes in marsupial herbivore densities in relation to a forestry 1080-poisoning operation', *Australian Forestry*, **64** (3) 175-180 (2001) [A1]
- Le Mar, K**, Southwell, C*, McArthur, C, 'Evaluation of line-transect sampling to estimate nocturnal densities of macropods in open and closed habitats', *Wildlife Research*, **28** 9-16 (2001) [A1]
- Le Mar, K**, McArthur, C, 'Relocating radio-collared targeted marsupials after a 1080-poisoning operation', *Tasforests* (12) 155-160 (2000) [A1]
- Linn, ML*, Gardner, J*, Warrilow, D*, Darnell, GA*, McMahan, CR*, **Field, I**, Hyatt, AD*, Slade, RW*, Suhrbier, A*, 'Arbovirus of Marine Mammals: a New Alphavirus Isolated from the Elephant Seal Louse, *Lepidophthirus macrorhini*', *Journal of Virology*, **75** (9) 4103-4109 (2001) [A1]
- McQuillan, PB, **Young, CJ**, Richardson, AMM, 'A revision of the Australian moth genus *Paralaea* Guest (Lepidoptera: Geometridae: Ennominae)', *Invertebrate Taxonomy*, **15** (3) 277-317 (2001) [A1]
- Melville, J**, Swain, R, 'Mitochondrial DNA-sequence based phylogeny and biogeography of the snow skinks (Squamata: Scincidae: *Niveoscincus*) of Tasmania', *Herpetologica*, **56** (2) 196-208 (2000) [A1]
- Nahrung, HF**, Dunstan, PK, Allen, GR, 'Larval gregariousness and neonate establishment of the eucalypt-feeding beetle *Chrysophtharta agricola* (Coleoptera: Chrysomelidae: Paropsini)', *OIKOS*, **94** (2) 358-364 (2001) [A1]
- Nelson, MM**, Mooney, BD*, Nichols, PD*, Phleger, CF*, 'Lipids of Antarctic Ocean amphipods: food chain interactions and the occurrence of novel biomarkers', *Marine Chemistry*, **73** 53-64 (2001) [A1]
- Nelson, MM**, Mooney, BD*, Nichols, PD*, Phleger, CF*, Smith, GG, Hart, PR, Ritar, AJ, 'The effect of diet on the biochemical composition of juvenile *Artemia*: potential formulations for rock lobster aquaculture', *Journal of the World Aquaculture Society* 00-00 (In Press) [A1]
- Page, B**, Goldsworthy, SD, Hindell, MA, 'Vocal traits of hybrid fur seals: intermediate to their parental species', *Animal Behaviour*, **61** 959-967 (2001) [A1]
- Pankhurst, CE*, **Pederson, HG**, Hawke, BG*, 'The usefulness of fatty acid analysis in differentiating species of *Pythium*, *Rhizoctonia* and *Gaeumannomyces* and as a tool for their detection in infected wheat roots', *Australasian Plant Pathology*, **30** 191-197 (2001) [A1]

Phleger, CF*, **Nelson, MM**, Mooney, BD*, Nichols, PD*, 'Interannual variations in the lipids of the Antarctic pteropods *Clione limacina* and *Clio pyramidata*', *Comparative Biochemistry and Physiology Part B-Biochemistry and Molecular Biology*, **128** 553-564 (2001) [A1]

Phleger, CF*, **Nelson, MM**, Mooney, BD*, Nichols, PD*, Ritar, AJ, Smith, GG, Hart, PR, Jeffs, AG*, 'Lipids and nutrition of the southern rock lobster, *Jasus edwardsii*, from hatch to puerulus', *Marine and Freshwater Research*, **52** 1475-1486 (2001) [A1]

Richardson, AMM, Swain, R, **McCoull, CJ**, 'Salt spray limits the inland penetration of a coastally restricted invertebrate: a field experiment using landhoppers (Crustacea: Amphipoda: Talitridae)', *Functional Ecology*, **15** 435-442 (2001) [A1]

Smith, GG, Ritar, AJ, Phleger, CF*, **Nelson, MM**, Mooney, B*, Nichols, PD*, Hart, PR, 'Changes in gut content and composition of juvenile *Artemia* after oil enrichment and during starvation', *Aquaculture* 00-00 (In Press) [A1]

Smith, T, **MacFadyen, AS**, Rose, RW, 'Hormonal control of birth behavior in the bandicoot (*Perameles gunnii*: Marsupialia) and other marsupials', *Physiology & Behavior*, **72** 527-532 (2001) [A1]

Tierney, M, Hindell, MA, **Lea, MA**, Tollit, D*, 'A comparison of techniques used to estimate body condition of southern elephant seals (*Mirounga leonina*)', *Wildlife Research* (28) 581-588 (2001) [A1]

Trull, T, Gibson, JE*, **Beaumont, KL**, Bowman, J*, Burton, HR*, Davidson, AT*, Guichard, A*,

Kirkwood, JM*, McMinn, A, Nichols, PD*, Skerratt, JH*, Summons, RE*, Swadling, KM, Volkman, JK*, 'Site Holds Promise for Ecosystem and Biogeochemical Investigations', *Eos Transactions, American Geophysical Union*, **82** (28) 306,311 (2001) [A1]

van den Hoff, J, 'Dispersal of southern elephant seals (*Mirounga leonina* L.) marked at Macquarie Island', *Wildlife Research*, **28** 413-418 (2001) [A1]

van den Hoff, J, 'Further observations on the cephalopod diet of Wandering Albatrosses (*Diomedea exulans* L.) at Macquarie Island', *Emu*, **101** 169-172 (2001) [A1]

Wapstra, E, Swain, R, **O'Reilly, J**, 'Geographic Variation in Age and Size at Maturity in a Small Australian Viviparous Skink', *Copeia*, **3** 646-655 (2001) [A1]

Wapstra, E, O'Reilly, J, 'Potential 'costs of reproduction' in a skink: Inter- and intrapopulation variation', *Austral Ecology*, **26** 179-186 (2001) [A1]

Wynen, LP, Goldsworthy, SD, Insley, SJ*, Adams, M*, Bickham, JW*, Francis, J*, Gallo, JP*, Hoelzel, AR*, Majluf, P*, White, RWG, Slade, R*, 'Phylogenetic Relationships within the Eared Seals (Otariidae: Carnivora): Implications for the Historical Biogeography of the Family', *Molecular Phylogenetics and Evolution*, **21** (2) 270-284 (2001) [A1]

Conference Publication

Nelson, MM, Ritz, DA, Crear, BJ, Ritar, AJ, Nichols, PD*, 'Growth and lipid composition of phyllosoma of the southern rock lobster, *Jasus edwardsii*, fed enriched *Artemia*', *Fifth International Crustacean Congress and 'Summer'*

2001 meeting of The Crustacean Society,
Melbourne, Victoria, Australia, 111 (2001) [F3]

Thesis Accepted for Higher Degree

Hansen, B, 'Systematics and phylogeny of the
Tasmanian freshwater crayfish genus
Parastacoides (Decapoda: Parastacoidae)' (2001)
[M3]

McCoull, CJ, 'Geographic variation and adapta-
tion in the metallic skink (*Niveoscincus*
metallicus)' (2001) [M3]

Ross, DJ, 'Impact of the northern Pacific seastar
Asterias amurensis on soft sediment assemblages,
including commercial species, in southeast
Tasmania' (2001) [M3]

Research Output 2001

	Total		PhD/Masters		Percentage	
	Items	Weighted	Items	Weighted	Items	Weighted
Arts						
Art (Hobart)	78	78.00	40	39.50	51	50
Asian Languages and Studies	34	33.50	13	12.00	38	35
Conservatorium of Music	3	3.00				
English, Journalism and European Languages	47	47.00	4	4.00	8	8
Government	48	42.25	7	6.00	14	14
History and Classics	68	64.83	7	7.00	10	10
Philosophy	27	24.67				
Riawunna	13	13.17				
Sociology and Social Work	76	65.33	6	2.00	7	3
Visual and Performing Arts	62	62.00	17	17.00	27	27
Sub Total	456	433.75	94	87.50	20	20
Commerce						
Accounting and Finance	5	4.50	1	0.50	20	11
Centre for Regional Economic Analysis	10	7.58				
Economics	16	13.17	2	1.00	12	7
Information Systems	13	12.75	1	0.50	7	3
Law		3.50				
Management	21	21.57	4	3.17	19	14
Sub Total	65	63.07	8	5.17	12	8
Education						
<i>Centre for Research and Learning in Regional Australia</i>		22	18.75	4		18
Education	81	68.02	2	3.17	2	4
Sub Total	103	86.77	6	3.17	5	3
Health Science						
<i>Anatomy and Physiology</i>	14	12.79	7	3.20	50	25
<i>Biochemistry</i>	20	15.76	13	4.88	65	30
<i>General Practice</i>	5	3.17				
Human Life Science	30	17.21	9	2.38	30	13
<i>Medicine (Discipline)</i>	60	27.30	4	0.75	6	2
Menzies Centre	22	13.36	1	0.25	4	1
Nursing	10	8.20				
<i>Paediatrics and Child Health</i>	4	2.50				
<i>Pathology</i>	30	27.97	15	4.65	50	16
Pharmacy	10	10.20	3	0.79	30	7
<i>Psychiatry</i>	11	10.75	1	0.25	9	2
Rural Health	18	15.75				
<i>Surgery</i>	17	12.52	2	0.67	11	5
Sub Total	251	177.47	55	17.82	21	10
Institutional and Other						
Other University Areas		0.33				
Vice-Chancellor's Division		0.50				
Sub Total		0.83				
Law						
Law	74	69.40	1	1.00	1	1
Sub Total	74	69.40	1	1.00	1	1
Science and Engineering						
Agricultural Science	155	72.96	63	22.05	40	30
<i>Tasmanian Institute of Agricultural Research</i>	2	61.04		8.03		13
Architecture	24	18.67	2	1.00	8	5
Central Science Laboratory	7	4.19				
Chemistry	81	59.85	37	11.98	45	20
Computing	23	20.45	1	0.50	4	2
CRC-Antarctic and Southern Ocean Environment	11	12.87	3		27	
CRC-Sustainable Production Forestry		6.51		0.78		12
Earth Sciences	8	9.62		0.25		2
<i>Centre for Ore Deposit Research - CODES SRC</i>	45	21.18	11	2.25	24	10
Engineering	43	31.88	16	7.33	37	23
Geography and Environmental Studies	71	66.57	17	8.45	23	12
Mathematics and Physics						
IASOS	25	14.09	13	4.89	52	34
<i>Mathematics</i>	40	30.52	1	0.33	2	1
<i>Physics</i>	23	9.96	8	2.99	34	29
Plant Science	44	32.34	10	3.27	22	10
Psychology	52	45.87	33	21.53	63	46
Tasmanian Aquaculture Fisheries Institute						
<i>Aquaculture</i>	55	44.75	32	13.10	58	29
<i>Fish Health Unit</i>		2.33				
<i>Marine Research Laboratory</i>	59	49.98	6	1.50	10	3
<i>Zoology - TAFI Activity</i>		1.38		1.00		72
Zoology	55	34.64	36	14.58	65	42
Sub Total	823	651.62	289	125.82	35	19
TOTAL	1772	1482.91	453	240.47	25	16