2002 PUBLICATIONS

Tania van den Ancker

van den Ancker, T.R., 2002, The Girls in Maths & Science Summer School – A chemist's perspective, *Rejuvenating the Learning and Teaching of Chemistry*, Melbourne, 1,1,E3,2.

van den Ancker, T.R., 2002, Editor of Workshop Proceedings – The Royal Australian Chemical Institute, Secondary/Tertiary Interface Meeting, 1,1,2.

Brad Carter

Tinney, C.G., Butler, R.P., Marcy, G.W., Jones, H.R.A., Penny, A.J. McCarthy, C. & **Carter, B.D.**, 2002, Two Extra Solar Planets from the Anglo-Australian Planet Search, *The Astronomical Journal*, United States, 571, 528-531, 7,1,C1,2.

Butler, R.P., Marcy, G.W., Vogt, S.S., Tinney, C.G., Jones, H.R.A., McCarthy, C., Penny, A.J., Apps, K. & **Carter, B.D.**, 2002, On the Double-Planet System around HD83443, *The Astronomical Journal*, United States, 578, 565-572, 9,1,C1,2.

Jones, H.R.A., Butler, R.P., Tinney, C.G., Marcy, G.W., Penny, A.J., McCarthy, C., **Carter, B.D.** & Pourbaix, D., 2002, A Probable Planetary Companion to HD39091 from the Anglo-Australian Planet Search, *Monthly Notices of the Royal Astronomical Society*, United Kingdom, 333, 871-875, 8,1,C1,2.

Pourbaix, D., Nidever, D., McCarthy, C., Butler, R.P., Tinney, C.G., Marcy, G.W. Jones, H.R.A., Penny, A.J., **Carter, B.D.,** Bouchy, F., Pepe, F., Hearnshaw, J.B., Skuljan, J., Ramm, D. & Kent, D., 2002, Blueshift between the Components of $\propto$ Centauri with Precise Radial Velocities, *Astronomy & Astrophysics*, France, 15,1,C1,2.

Tinney, C.G., McCarthy, C., Jones, H.R.A., Butler, R.P., **Carter, B.D.,** Marcy, G.W. & Penny, A.J., 2002, Echelle Spectroscopy of CaII HK Activity in Southern Hemisphere Planet Search Targets, *Monthly Notices of the Royal Astronomical Society*, United Kingdom, 332, 759-763, 7,1,C1,2.

Judy Craft

Craft, J. & Marsh, N.A., 2002, Increased Generation of Platelet-derived Micro Particles Following Percutaneous Transluminal Coronary Angioplasty, *Proceedings of the Australian Health & Medical Research Congress 2002*, Melbourne, 2,1,E3,8.

Grant Daggard

Daggard, G. & Appels, R., 2002, Parental Chromosome Inheritance in Wheat DH's, *Proceedings of 12th Australasian Plant Breeding Conference*, Perth, 691-695, 2,1,E1,8.

John Dearnaley

Dearnaley, J.D., Learmonth, B.A. & Bougoure, D.S., 2002, Phosphate Transporter Expression in the Soybean AM Symbiosis, *The 7th International Mycological Association*, Oslo, 330 No 1089, 3,2,E3,8.

Stuart Hazell

Harris, A.G., Hinds, F.E., Beckhouse, A.G., Kolesnikow, T. & **Hazell, S.L.**, 2002, Resistance to hydrogen peroxide in Helicobacter pylori: role of catalase (KatA) and Fur, and functional analysis of a novel gene product designated 'KatA-associated protein', KapA(HP0874), *Microbiology*, Great Britain, 148, p3813-3825, 4,1,C1,8.

Hazell, S.L., 2002, New Technology and Microbiology, *Microbiology Australia*, West Leederville,23(1), 3 1,1,C2,8.

Hazell, S.L., 2002, Genomics and Drug Discovery, *Microbiology Australia*, West Leederville, 23(5).p17-18, 1,1,C2,8.

Andrew Hoey

Hoey, A.J., & Conlan, L.K., 2002, Cardiac and Skeletal Effects of Prednisone in Muscular Dystrophy (MDX) Mice, *Proceedings of the Australian Health & Medical Research Congress 2002*, Melbourne, 2,2,E3,8.

Van Erp, C. & Holroyd, S., 2002, An in vitro Model of Exercise-Induced Asthma, *Proceedings of the Australian Health & Medical Research Congress 2002*, Melbourne, 2,1,E3,8.

Woolf, P., Lu, S. & **Hoey, A.J**., 2002, Regulation of Calcium Influx in Dystrophic Cardiac Muscle, *Proceedings of the Australian Health & Medical Research Congress 2002*, Melbourne,3,2,E3,8.

Van Erp, C., 2002, Newspaper Article – Muscular Dystrophy Research, 1,1,8.

Woolf, P., 2002, Newspaper Article – Biostudy Earns an Award Placing, 1,1,8.

Mike Kotiw

Zhang, G.W., **Kotiw, M. & Daggard, G**, 2002, A RAPD-PCR genotyping assay which correlates with serotypes of group B streptococci, *Letters in Applied Microbiology*, United Kingdom, 35, 247-250, 3,2,C1,8.

Michael, A.P., Grace, E.J., **Kotiw, M.** & Barrow, R.A., 2002, Ravenic Acid, A New Tetramic Acid Isolated from a Cultured Microfungus, *Penicillium sp.*, *Journal of Natural Products*, United States, 65, 1360 – 1362, 4,1,C1,8.

Andy Le Brocque

Zammit, C., Apan, A.A., Cockfield,G., **Le Brocque, A.** & Bouldin, M.R., 2002, Prospects for Regional Sustainability: Land Use Change in the Eastern Darling Downs, 1975-2001, *The 11th Australasian Remote Sensing and Photogrammetry Association Conference*, Brisbane, 76, 5,1,E3,8.

Baker, N. & Le Brocque, A., 2002, Habitat Preferences of *Microchiropteran* Bats in the Bunya Mountains, south-east Queensland, *Australian Mammal Society – 48th Scientific Meeting and Annual General Meeting*, Warrnamnool Campus, 2,2,E3,8.

Zammit, C., **Le Brocque, A.** & Apan, A., 2002, Land Use Change in the Darling Downs 1975-2001: Mapping Habitat Fragmentation, *Ecological Society of Australia Inc.*, Cairns, 3,1,E3,8.

Le Brocque, A. Page, S.N. & **Withers, K.W.,** 2002, Small mammal habitat preferences in Ravensbourne, South-east Queensland**,** *Ecological Society of Australia Inc.*, Cairns, 3,2,E3,8.

Rob Learmonth

Learmonth, R.P. & Gratton, E., 2002, Assessment of Membrance Fluidity in Individual Yeast Cells by Laurdan Generalised Polarisation and Multi-Photon Scanning Fluorescence Microscopy, *Fluorescence Spectroscopy Imaging and Probes – New Tools in Chemical, Physical & Life Sciences*, Vol 2, Chap. 14, p241-252, Heidelberg, 2,1,B,8.

Learmonth, R.P., 2002, Laser Based Fluorescence Microscopy, *Journal of the Australian Society for Microbiology Inc.*, West Leederville, 23(1), 16-17, 1,1,C2,8.

Learmonth, R.P., 2002, Membrane Fluidity and Function in Brewer's and Baker's Yeast, *The First Thai Yeast Conference: Yeasts in the Food Industry*, Bangkok, 8, 1,1,E3,8.

Learmonth, R.P., 2002, Monitoring Yeast Membrane Adaptability and Performance During Fermentation & Bioprocesses, *22nd International Specialised Symposium on Yeasts – Yeast Fermentations & Other Yeas Bioprocesses*, South Africa, 147, 1,1,E3,8.

Learmonth, R.P., 2002, Recent Advances in Laser Scanning Microscopy, *Proceedings of the 2nd Australian Conference on Yeast: Products & Discovery, Parkville*, 1,1,E3,8.

Butcher, B. & Learmonth, R.P., 2002, Yeast Membrane Responses to Glucose are Related to Membrane Protein Expression, *Proceedings of the 2nd Australian Conference on Yeast: Products & Discovery*, Parkville, 2,2,E3,8.

Learmonth, R.P., 2002, Conference Organising Committee – International Advisory Committee, *19th International Congress of Biochemistry & Molecular Biology*, 1,1,8.

Learmonth, R.P., 2002, Member of Organising Committee – 2nd Australian Conference on Yeast: Products & Discovery, 1,1,8.

Learmonth, R.P., 2002, Editor, Editorial Board Biochemistry & Molecular Biology Education, 1,1,8.

Learmonth, R.P., 2002, Seminar at Griffith University – Multi-photon Laser Scanning Microscopy Analysis of Microbial Populations, 1,1,8.

Learmonth, R.P., 2002, Book Review – "Laboratory Investigations in Cell & Molecular Biology" (4th edn) of Biochemistry and Molecular Biology Education Journal, 30(2), 142-143, 1,1,8.

Learmonth, R.P., 2002, Invited Speaker – Introduction to Fluorescence Spectroscopy at the Varian Fluorescence Workshop, 1,1,8.

Learmonth, R.P., 2002, Invited Speaker at Biolink Breakfast for Qld Department of Innovation & Information Economy – Research Development & Commercialisation in the Centre for Rural & Environmental Biotechnology at USQ, 1,1,8.

Learmonth, R.P., 2002, Committee Member of the BIO2002 Canadian Biotech Organising Committee, Canada, 1,1,8.

Learmonth, R.P., 2002, Speaker at Seminar/Workshop at USQ Organisational Development & Training – Towards Excellence in Research & Tertiary Scholarship, Toowoomba, 1,1,8.

Learmonth, R.P., 2002, Seminar – "Fluorescence Confocal and Multi-Photon Imaging" at Baker Medical Research Institute, Melbourne, 1,1,8.

Learmonth, R.P., 2002, Programme Committee Member (Food and Agriculture) – BIO2002 Annual Convention, Toronto, 1,1,8.

Neil McKilligan

McKilligan, N., 2002, Aspects of the Breeding Biology of the Reef Egret *Egretta sacra*, *Journal of the Australian Bird Study Association*, Sydney, 26(1), 13-18, 1,1,C1,8.

Ray Marshall

Marshall, R.L., 2002, Allylstannanes, *Science of Synthesis Houben-Weyl Methods of Molecular Transformations*, New York, 5.2.28, p573-605, 1,1,B,2.

Marshall, R.L., 2002, Benzylstannanes, *Science of Synthesis Houben-Weyl Methods of Molecular Transformations*, New York, 5.2.27, p559-571, 1,1,B,2.

Marshall, R., Kraschnefski, M. & Radnidge, P., 2002, Newspaper Article – Chemicals hold key to Treating Autism: Lecturer, 3,3,2.

TK Mukkur

Farrell, D., Mukkur, T.K.S. & **Daggard, G.,** 2002, Shared Primer PCR Combined with Hybridisation for the Detection of Bordetella Pertussis and B. Parapertussis, WO 01/90405 A1, (Patent), I,3,3,8.

Cornford-Nairn, R. Rossetti, T., **Daggard, G. & Mukkur, T.K.S.,** 2002, Defective Entities and Uses Therefor, PCT/AU02/01768 based on Australian Application No. 9776 (Patent), International, I,4,3,8.

Campbell, Grant, 2002, Masters of Science – Investigations of a Potential Genetic Vaccine Antigen from an Australian *Pasteurella Haemplytica* A1 Strain, 1,1,8.

Alfio Parisi

Lester, R.A. & Parisi, A.V., 2002, Spectral ultraviolet Albedo of Roofing Surfaces and human Facial Exposure, *International Journal of Environmental Health Research*, United Kingdom, 12(1), 75-81, 2,2,C1,2.

Kimlin, M.G., Parisi, A.V., Carter, B.D. & Turnbull, D., 2002, Comparison of the Solar Spectral Ultraviolet Irradiance in Motor Vehicles with Windows in an Open and Closed Position, *International journal of Biometeorology*, Heidelberg, 46, 150-156, 4,4,C1,2.

Kimlin, M.F., Parisi, A.V., Sabburg, J. & Downs N.J., 2002, Understanding the UVA Environment at a Sub-Tropical Site and its Consequent Impact on Human UVA Exposure, *Photochemical & Photobiological Sciences*, Cambridge, 1, 478-482, 4,4,C1,2.

Kimlin, M.G. & Parisi, A.V., 2002, The Use of Real-Time Ultraviolet Radiation Data to Modify the UV Exposure of Primary School Children, *UV Radiation and Its Effects -An Update 2002 Workshop*, Wellington N.Z., 105-108, 2,2,E2,2.

Parisi, A., 2002, Effects of Tree Shade on solar Ultraviolet Exposures to Humans, *UV Radiation and Its Effects – An Update 2002 Workshop*, Wellington N.Z., 109-111, 1,1,E2,2.

Turnbull, D. & Parisi, A., 2002, Biologically Damaging UV in the Shade, *2002 Local Symposium XII, Physical Sciences and Engineering in Medicine*, Brisbane, 9, 2,2,E3,2.

Cobb, J., Sullivan, S., Rosen, C.J., Holick, M.F., Chen, T., Kimlin, M. & **Parisi, A.**, 2002, Valiation of a Sun-Exposure Questionnaire for Adolescent Girls, *Proceedings of a Symposium - Biological Effects of Light 2001*, Boston, 7,1,E3,2.

Parisi, A. & Kimlin, M., 2002, Software Package Providing Personalised Information for the Reduction of UV Exposures to Primary School Children, *Queensland Health & Medical Scientific Meeting*, Brisbane, 2,1,E3,2.

Turnbull, D. & Parisi, A., 2002, Shade and Melanoma-inducing Wavelengths, *Queensland Health & Medical Scientific Meeting*, Brisbane, 2,2,E3,2.

Parisi, A.V., 2002, Member of Editorial Board – The Australasian Radiation Protection Society, 1,1,2.

Joachim Ribbe

Ribbe, J., 2002, An Introduction to Internet Based Climate Teaching, *Australian Science Teachers Journal*, Canberra, 48(3), 28-35, 1,1,C1,2.

Harris, G., Meinke, H., Power, B., Hayman, P., **Ribbe, J., Donald, A.** & de Voll, P., 2002, Seasonal Climate Forecasts for more Effective Raingrown Grain-Cotton Production Systems, *Australian Cotton Conference*, Brisbane, 7,2,E3,2.

Ribbe, J., 2002, Invited Seminar at the AgForce Lockyer Valley Branch Meeting on Weather Forecasting, Forest Hill, 1,1,2.

Ribbe, J., 2002, Associate Editor – Ocean Modelling Journal, Oxford, 1,1,2.

Jeff Sabburg

Sabburg, J., Parisi, A. & McKenzie, R.L., 2002, Comparison of UV Measurements between Brisbane, Australia and Lauder, New Zealand, *UV Radiation and Its Effects – An Update 2002 Workshop*, Christchurch, 3,2,E2,2.

Mark Sutherland

McDonald, K.L., **Sutherland, M.W.** & Guest, D.I., 2002, Temporary hypoxia suppresses the oxidative burst and subsequent hypersensitive cell death in cells of tobacco and soybean challenged with zoospores of incompatible isolates of *Phytophthora* species, *Physiological and Molecular Plant Pathology*, Exeter, Devon, 61, 133-140, 3,1,C1,8.

Grams, R., Ritter, K., Percy, C., Ma, W., Wildermuth, G., **Daggard, G. & Sutherland, M.W.,** 2002, The Search for Chromosomal Regions in wheat which Mediate Partial Resistance to Crown rot caused by *Fusarium pseudograminearum*, *Proceedings of 12th Australasian Plant Breeding Conference*, Perth, 338-342, 7,5,E1,8.

McDonald, K.L., **Sutherland, M.W.** & Guest, D.I., 2002, Hypersensitive Tobacco Cells: On a Suicide Mission, CNRS Jacques MONOD – EMBO Workshop Conference "*Transkingdom Cell Death*", Roscoff France, 3,1,E3,8.

Sutherland, M.W., 2002, Editorial Board – Physiological & Molecular Plant Pathology, 1,1,8.

Michael Watson

Nielsen, K.J., **Watson, M.,** Adams, D.J., Hammarstrom, A.K., Gage, P.W., Jill, J.M., Craik, D.J., Thomas, L., Adams, D., Alewood, P.F. & Lewis R.J., 2002, Solution Structure of Mu-Conotoxin PIIIA, A Preferential Inhibitor of Persistent Tetrodotoxin-Sensitive Sodium Channels, *Journal of Biological Chemistry*, United States, 277(30), 27247-27255, 11,1,C1,8.

Watson, M.J., 2002, Nature of the Rhythmic Oscillations Recorded at Negative Potentials in Gastrointestinal Smooth Muscle, *Proceedings of the Australian Health & Medical Research Congress 2002*, Melbourne, 1,1,E3,8.

Ed Willey

Willey, E.C., 2002, Petrography of the Marongi Creek Beds, Yarraman Block, South Eastern Queensland, *16th Australian Geological Convention, Geological Society of Australia Incorporated*, Sydney, 152, 1,1,E3,4.

Willey, E.C., 2002, Lava Pools in the Main Range Volcanics, Toowoomba, South Wast Queensland, *16th Australian Geological Convention, Geological Society of Australia Incorporated*, Sydney, 254, 1,1,E3,4.

Willey, E.C., 2002, Article in Learned Australasian Volcanology Association – Lava Dens "Lava Pools in the Main Range Volcanics (expanded from AGC), Toowoomba, 1,1,4.

Kerry Withers

Perry, J.A,, Tomasi, T. & **Withers, K**., 2002, Pesticide Effects on Pre-Hibernation Food Consumption, Body Mass and Metabolic Rate in 13 Lined Ground Squirrels, *82nd Annual Meeting of the American Society of Mammalogists*, Louisiana, 4,3,1,E3,8.