

COOPERATION WITH GOVERNMENT, INDUSTRY & COMMERCE

Comparative Genomics

Graves JAM with Dr S Forrest, AGRF, Melbourne. Partner Investigator of the ARC Centre for Kangaroo Genomics.

Graves JAM and Alsop A with Dr AM Pearse, Tasmania Department of Primary Industries, Water and Environment.

Environmental Biology

Evans JR. Deputy CEO-Science, and Member of Management Team, Cooperative Research Centre for Greenhouse Accounting.

Evans JR. Participant in the Australian Greenhouse Office workshops on Terrestrial Carbon Cycle Research (Feb 8-9) and Research Options To Investigate Elevated CO₂ Impacts On Wheat (May 5-6).

Farquhar GD. Reviewer of environmental programs at ANSTO.

Hobbins MT, Farquhar GD and Roderick M with Bureau of Meteorology. Local-scale Pan Evaporation Physics Field Experiment.

Ecosystem Dynamics

Barnes B, Roderick ML with Dr H Bi, Department of State Forests, NSW. Application of a theoretical self thinning model to forest inventory.

Davies ID with Dr M Hill, Bureau of Rural Sciences. AG ACCESS, development of software for assessing carbon stocks in agricultural lands.

Davies ID with Dr M Hill, G Woldendorp, Bureau of Rural Sciences. Modelling frost impacts in SE Australia.

Davies ID and Roxburgh SH with Dr D Gardener and Mr F Ximenes, Department of State Forests, NSW. Development of software for monitoring the fate of post-harvest wood products.

Roderick ML and Farquhar GD. Numerous interviews for radio and newspaper articles on global dimming and pan evaporation.

Roxburgh SH with Dr M Hill, Bureau of Rural Sciences. Range ASSESS – a spatial framework for analysis of potential for carbon sequestration in rangelands.

Roxburgh SH with Dr L Randall, Bureau of Rural Sciences. Landscape-scale carbon budget modelling of the Injune region.

Genomic Interactions

Djordjevic MA with Dr S Djordjevic, Elizabeth McArthur Agricultural Institute and Dr S Cordwell, Australian Proteome Analysis Facility, Macquarie University. Proteomic analysis of cell surface proteins in *Mycoplasma*.

Molecular Genetics and Evolution

Campbell HD. Chair of the ANU Recombinant DNA Monitoring Committee 2005. This Committee operates under the aegis of the Office of the Gene Technology Regulator, set up under Commonwealth law to regulate all dealings with genetically manipulated organisms.

Campbell HD. Joint project with commercial partner TGR BioSciences, Adelaide, to investigate novel mammalian genes.

Campbell HD. Provisional patent October 2005: "Methods and

compositions for modulating TGF- β and collagen". This invention relates to the use of Flightless I in modulating the expression and/or activity of TGF- β and/or modulating the expression and/or secretion of collagen in enhancing wound healing. Inventors: AJ Cowin, HD Campbell and BC Powell.

Saint R. Member, Scientific Advisory Board, Centre of Excellence for Biotechnology and Development.

Saint R. Member, Board, Child Health Research Institute, Adelaide.

Saint R. Member, Advisory Board, Institute of Molecular Biosciences, University of Queensland, Brisbane.

Saint R. Member, Australian Academy of Science National Committee for Plant and Animal Sciences.

Saint R. Australian Research Council Ozreader.

Saint R. Member, Steering Committee of the Network in Genes and Environment in Development.

Saint R. Referee for National Health and Medical Research Council, Australian Research Council, National Science Foundation (USA), Human Frontier Science Program, Wellcome Trust (UK) and Agence Nationale de la Recherche, France.

Molecular Plant Physiology

Whitney SM with E I du Pont de Nemours, Delaware, USA. Discussions and materials transfer to assist their research program on Rubisco.

Plant Cell Biology

Hardham AR. Leader of joint research project with Bayer CropScience.

John PCL. Member, Scientific Advisory board of the Ag-biotech company CropDesign. Leader (from Feb) of joint research projects with the Ag-biotech companies Groupe Limagrain, Dupont/Pioneer and Syngenta and with the public-good multinational CIMMYT.

Commercial users included ProSciTech, Robson Laboratories, Whitely Industries, and SnowyHydro Ltd.

Rouse DT, with Milburn PJ (John Curtin School of Medical Research). Submissions to Department of Environment and Heritage under the Environment Protection and Biodiversity Conservation Act 1999 and to ACT Department of Urban Services regarding new orchid species.

Williamson RE. Leader of joint research project with Bayer Cropscience.

Visual Science

Hemmi JM, How M and Zeil J. Consultants for Shedd Aquarium Crab Exhibit, Chicago, USA. (http://www.sheddaquarium.org/exh_crabs.html).

James AC and Maddess T Consultants for Seeing Machines Pty Ltd.

Maddess T. Member Business ACT Bioscience Committee.

Maddess T and James A Consultants for Seeing Machines Pty Ltd.

Morgan I. Member of the Scientific Advisory Board of NeuroVision, Singapore.

Morgan I. OZReader, Australian Research Council.

Electron Microscopy Unit

The ANUEMU Facilities were used by a number of Government organisations - CSIRO Plant Industry and Entomology Divisions, the Australian Federal Police, The Canberra Hospital, GeoScience Australia, Dept of Energy and Conservation, and Australian National Botanic Gardens.