

Annual Research Report

2000

**Department of Economics
The University of Queensland
Brisbane Qld 4072
Australia**

DEPARTMENT OF ECONOMICS

The University of Queensland

Brisbane Qld 4072

Australia

Tel: +61 7 3365 6570

Fax: +61 7 3365 7299

Email: enquiries@economics.uq.edu.au

Internet: <http://www.uq.edu.au/economics/>

ANNUAL RESEARCH REPORT 2000

CONTENTS

Head of Department's Report	1
Departmental Mission Statement	2
Research Units and Research Groups	4
Staff Members & Research Interests	6
Staff Changes During the Year	18
Visitors to the Department	20
Departmental Seminar Program	21
Postgraduate Seminar Program.....	23
Seminar & Conference Presentations	24
Publications by Staff & Students	26
Departmental Publications	35
Grants for Research operating in 2000.....	39
Research Candidates	42
Coursework & Research Theses Completed in 2000	47
PhD and MEcon Theses Awarded in 2000	49
PhD and MEcon Theses Awarded in 1999	50
Undergraduate & Postgraduate Subjects Offered	52
Public Relations, Community Interaction & Service, and Media Appearances.....	54
Departmental Symposia and Lectures	58
Consultancy Services	59

Head of Department's Report



This report provides a summary of research and related activities of the Department of Economics in 2000. Staff listings refer to that year.

In 2000, the Department of Economics, once again, performed outstandingly in all aspects of research.

Twelve books (including eight edited volumes) were published, including a winner of the 2000 International Schumpeter Prize: *The New Evolutionary Macroeconomics*, by Jason Potts. Thirty-one book chapters and seventy-six refereed journal articles were published. With regard to the latter, it is notable how diverse and interdisciplinary the journals published in are. Peer review comparisons of economics departments often downgrade severely articles that are interdisciplinary or in emerging areas of the discipline. In contrast, we value highly and encourage such innovative approaches to economics.

An indication of the academic standing of a Department in specialist fields is in the number of journals that are edited by its staff. In 2000, no less than three academic journals were edited in the Department: the *Australasian Journal of Regional Studies*, edited by John Mangan and Guy West; *Economic Analysis and Policy*, edited by Steve Harrison; the *Journal of Aquaculture Economics and Management*, edited by Clem Tisdell.

Twelve competitive research grants provided external funding for research in 2000. A shift away from traditional sources, such as the Australian Research Council, towards government/industry sources can be discerned. This has been actively encouraged since 1999 in the light of shifts in Federal Government priorities concerning university research.

The Department continued to be a major provider of research training in economics. In 2000, there were seventy-five PhD candidates in the Department of which five graduated in the course of the year. Thirteen of the non-graduating candidates were funded by competitive scholarships.

Professor John Foster
Head of Department

Departmental Mission Statement

MISSION

The mission of the Department of Economics within The University of Queensland is to extend, evaluate, preserve and transmit ideas and knowledge in Economics through teaching and research of the highest international standards for the particular benefit of Queensland and the good of the wider national and international community.

In striving to fulfil this mission, the Economics Department is dedicated to:

- the defence of intellectual freedom and the promotion of intellectual rigour;
- the achievement of excellence within liberal traditions of scholarship and independent thought;
- the maintenance of the highest intellectual and ethical standards in Economics;
- seeking to endow its students with the capacity to be lifelong learners capable of independent thought and critical judgment with an ethical sensitivity;
- graduating students who will become worthy leaders in their chosen profession and in society more generally;
- the provision of service to the wider community; and
- addressing critical economic and social issues through research and teaching.

GOALS

1. That the Economics Department confirm and enhance its standing as one of the leading economics Departments not only in Australia, but also internationally. The Economics Department is committed to providing instruction and opportunities for learning and research at a standard comparable with those of the world's best universities in a wide range of subjects in Economics.
2. That the Economics Department attract and retain the most intellectually able students wishing to study economics and provide improved educational opportunities for members of minority and disadvantaged groups.
3. That the Economics Department pursue excellence in all aspects of undergraduate and postgraduate teaching and learning and, where appropriate, in continuing community and professional education as well.
4. That the Economics Department achieve high international standards in research, scholarship and postgraduate education and training in economics and facilitate the communication, application and transfer of university research and scholarship for the benefit of the national and international community.
5. That the Economics Department manage effectively and efficiently all its human, financial and physical resources in order to facilitate the pursuit of excellence and equity in teaching, learning and research.

CONTEXT

With restructuring in the University in 1997, the Department of Economics became part of the new Faculty of Business, Economics and Law.

The Department of Economics is a large department with over 70 persons employed, and a full-time equivalent staff exceeding 50. In terms of student numbers, it is one of the largest departments in The University of Queensland, and in Australia. It provides an excellent academic environment for the pursuit of scholarship at both undergraduate and postgraduate levels and in the field of research.

The Department aims to provide its graduates with an educational foundation that will stand the test of time, plus familiarity with the latest knowledge and techniques to serve as a springboard for career development – qualities reflected in an exceptionally low unemployment rate. Underpinning its teaching programs are the research activities which have earned the university a place among the top four of Australia's 40 universities, and have led to the establishment of a growing list of national research centres.

The Department is a major force in economics in Australia and will strengthen its positive role in promoting and improving the quality of the study of economics in Queensland.

Research Units and Research Groups

Research Centre, Units and selected Groups within the Department include:

RESEARCH CENTRES:

Centre for Economic Policy Modelling (CEPM)

(Co-ordinator: Professor John Mangan)

CEPM is a centre for academic and contract research. Its focus is the development and application of economic modelling techniques, particularly in the fields of policy analysis and economic forecasting. The Centre's research activities include consulting, contract research and long-term collaborative projects with government and industry. CEPM also offers a range of short modelling courses for the training of private and public sector policy professionals.

RESEARCH GROUPS:

Asian-Pacific Economic Studies Group

(Co-ordinator: Dr Joseph Chai)

This group was set up to promote and co-ordinate research within the Department on issues relating to economies in the Asian-Pacific region. Its mission is to contribute to the understanding of the growing strength of these economies and related issues concerning the integration of the Australian economy within the Asia-Pacific economic arena.

Macroeconomics Marketing and Financial Economics Group

(Co-ordinator: Dr Tony Makin)

The mission of this research group is to explain the causes and consequences of fluctuations in economy-wide variables such as inflation, national income, the flow of funds, exchange rates, interest rates and unemployment in the context of growing international goods and capital market integration. The nature of the research encompasses theoretical and empirical approaches and aims to highlight implications of economy-wide behaviour for public policy, particularly budgetary, monetary, wages and regulation policies.

Emergent Complexity and Organisation in Economics

(Co-ordinator: Professor John Foster)

This is a research group and workshop series within the Department but with participation from other Departments that serves as a medium for discussion and dissemination of research on broad themes of open system dynamical processes, self-organisation, emergence and complexity as they relate to economic subject matter. The members of the group are involved in a range of activities from research into the philosophy and methodology of evolutionary and complex adaptive economic systems to theoretical and applied modelling of economic systems using computational and econometric methods. The group has a fortnightly workshop involving presenters from within and outside the Department.

Economic Valuation Methodologies Study Group

(Co-ordinator: Associate Professor Richard Brown)

With the increasing interest in natural resource and environmental economics in recent years an increasing number of staff have become involved in research and post-graduate supervision in the area of economic valuation methodologies for non-marketed outputs of natural resources. This has become an important growth area in economics and there is a growing interest among government departments and agencies such as DNR and GBRMPA with whom some staff have already established working relationships. Recent developments in non-market valuation methods such as conjoint analysis and discrete choice modelling have taken this area in an increasingly, technically complex direction. The focus of this study group is on the development of the understanding of these methods. The group runs weekly seminars within the Department.

Staff Members & Research Interests

The names of staff members for 2000 (as at December 2000) are listed below:

PROFESSORS

Harry F. Campbell, MA (St Andrews), PhD (Queens)

Specialises in natural resource economics, public finance, microeconomic theory and applied econometrics. Current research interests include natural resource pricing, the allocation of fish stocks among competing gears, the sustainable exploitation of Western Pacific tuna stocks, and the cost of public funds in Australia. Professor Campbell is an Associate Fellow of the London Environmental Economics Centre, an elected member of the International Institute of Fisheries Economics and Trade Secretariat, a former Associate Editor of *Marine Resource Economics* and a member of the editorial boards of the *Journal of Business Administration* and *Economic Analysis and Policy*. He has been a consultant to the Economic Council of Canada; Department of Industry and Small Business, British Columbia; Department of Sea Fisheries, Tasmania; Western Australian Mineral Revenues Inquiry; New Zealand Fishing Industry Board; Tasmanian Abalone Divers Association; and others.

John Foster, BA (Cov Poly), MA (Econ), PhD (Manc)
Head, Department of Economics

Life member of Clare Hall College, Cambridge and Distinguished Associate of the ESRC Centre for Research on Innovation and Competition, University of Manchester. Specialises in macroeconomics and its applications in monetary economics, labour economics and regional economics. Current research areas: the macroeconomy as a complex adaptive system; the application of self-organisation theory to statistical/econometric modelling in the presence of structural transition; the theory of competition and competition policy; legal and regulatory interactions with the process of economic evolution. He has served as a member of the following editorial boards: *Journal of Evolutionary Economics*, *Review of Political Economy*, *Scottish Journal of Political Economy*, *Economic Analysis and Policy*. He has served on the management boards of: the European Association for Evolutionary Economy (founder member); the Society for the Advancement of Socioeconomics (founder member); and the International Schumpeter Society. He is currently a member of The University of Queensland Academic Board and its Standing Committee. He has extensive consultancy experience with a range of organisations such as the European Commission, the National Australia Bank (UK) and the International Labour Organisation.

John E. Mangan, MEcon (Qld), DipEd(Qld), MA (Lancaster), PhD (Lancaster)

Specialises in labour economics, regional economics and industrial economics. He is a member of the editorial boards of the *International Journal of Manpower* and the *Australian Journal of Regional Studies* and the co-editor of the *Focus on Economics* series for Oxford University Press. A/Prof. Mangan was seconded to the Government Statistician's office of the Queensland Treasury for the period 1994-96.

Clement A. Tisdell, BCom (Econ)(NSW), PhD (ANU), FASSA
Head, Department of Economics 1989-1998

Honorary Professor, People's University of China. Specialises in applications of microeconomics to fields such as natural resource economics, managerial and decision economics, environmental (especially ecological) economics, social economics and development economics. Current research areas: economics of natural resource management, especially management of living resources and particularly marine resources; economics of tourism; optimally imperfect decisions and the economic consequences of imperfection; science and technology policy; economic development problems particularly in Asia and in small South Pacific states; aspects of defence economics. He has acted as consultant to bodies such as the Industries Commission, Australian Science and Technology Council, Department of Home Affairs and the Environment, Bureau of Agricultural Economics, GBRMP Authority, New Zealand Institute of Economic Research, IUCN, ILO, UNESCO, Australian Centre for International Agricultural Research, ANUTECH, OECD, and the National Centre for Development Studies (ANU). He is a Fellow of the Academy of Social Sciences in Australia, Deputy Director of Department of Marine Science (UQ), member of The University of Queensland Academic Board, and National Institute of Economics and Industrial Research. He is a member of the editorial boards of *Journal of Economic Surveys*, *International Journal of Social Economics*, *Journal of Defence Economics*, *Ecological Economics*, *Prometheus*, *Indian Journal of Quantitative Economics: An International Journal of Development Economics*, *Economic Administration*, *Journal of Sustainable Development*, plus others.

READERS (Associate Professors)

Richard P.C. Brown, MCom (Natal), MA (East Anglia), PhD (Groningen)

Specialises in applied development economics, cost-benefit analysis, and international resource flows. Current research interests include international labour migration the Asia-Pacific region, the evaluation of public and private sector projects and the valuation of multiple-use natural resources using discrete choice modelling methodologies.

Joseph C.H. Chai, DipCom (New Asia Coll), Dipl Volkswirt (FU Berlin), Dr rer Pol (FU Berlin)

Interested in growth and development, trade and foreign direct investment, income distribution and transitional economies. Current research interests include reform of Chinese state-owned enterprises, China's modernisation experience, trade and foreign direct investment in Asia-Pacific region. He is currently the coordinator of Asian Pacific Economic Studies Group and a founding member of The Hong Kong Society of Asia Pacific 21.

George E. Docwra, MEc (Syd), DipEd (Syd), PhD (Qld)

Specialises in microeconomic policy, public enterprise economics, transport economics. Research interests: Australian transport policy; government regulation of industry; cost-recovery in the transport sector; economic effects of cross-subsidisation policies of public authorities; electricity.

Darrel P. Doessel, BEcon (Qld), MPolEcon (Qld), DipEd (Qld), PhD (Qld)
Postgraduate Seminar Co-Ordinator

Fields of interest: welfare economics, public finance and health economics. Current research: health insurance and Medicare, the market for general practitioner services and the medical workforce. He is a member of the Department of Human Services and Health Committee on Evaluation of General Practice.

Stephen R. Harrison, QDA (Qld Agr College), BAgSc (Qld), BEcon (Qld), PhD (Qld)

Specialises in natural resource and environmental economics, statistical methods and operations research. Current research interests include economics of forestry, recreation, water resources and energy, and animal health economics. He was Economic Adviser on the Commission of Inquiry into the Conservation, Management and Use of Fraser Island and the Great Sandy Region. He has acted as consultant to the International Rice Research Institute, GRM International, Wheat Research Council, Land and Water Resources Research and Development Corporation, Grains Research and Development Corporation, Indicative Planning Council of the Housing Industry, Queensland Department of Police and Emergency Services, Australian Centre for International Agricultural Research and Australian International Development Assistance Bureau.

Robert V. Jackson, BEc (Syd), PhD (Syd)
Honours Coursework Advisor

Main interests are in Australian and British economic history and demography. Currently working on economic inequality, wage structures, Australian living standards, the economics of convict transportation, and Bentham's writings on Australia.

Neil D. Karunaratne, BA (Ceyl), MA (Delhi), PhD (Sus), FIS (Lond), AMBIM
Honours Coursework Advisor

Specialises in international economics, macroeconomics, econometrics, development economics, input-output analysis, project evaluation. Current research interests: Australian macroeconomic policy issues; Australia's trade with Asia and Pacific economies; Pacific island economies; computable general equilibrium modelling (CGE), globalisation issues.

Anthony J. Makin, BA (Qld), BEcon (Qld), MEc (ANU), PhD (ANU)
Chair, Postgraduate Studies Committee

Specialises in open economy macroeconomics, macroeconomic policy and international monetary economics. Has served as a senior economist in the Federal Departments of Finance, Foreign Affairs and Trade, the Treasury, and Prime Minister and Cabinet. Current research interests: Capital and interest rate theory, the effectiveness of fiscal and monetary policy in the open economy, foreign investment, exchange rate and external account determination. He is a member of the editorial board of *Agenda*, associate editor of *Economic Analysis and Policy* and, has acted as a consultant to UNESCO, the Business Council of Australia and the Australian Competition and Consumer Commission, as well as serving as Australia's official representative at Pacific Economic Co-operation Council meetings on international structural issues. Publications have appeared in journals which include *The World Economy*, *Open Economies Review*, *International Review of Economics and Finance*, *International Economic Journal*, *The Economic Record*, *Pacific Economic Review*, *Australian Economic Review*, *Agenda*. He is also the author of *Global Finance and the Macroeconomy*, Macmillan and *Open Economy Macroeconomics*, Addison Wesley, Longman.

Ghanshyam Mehta, BA(Bom), MA (Berkeley), PhD (Berkeley)

Specialises in economic theory; Keynesian economics; philosophy and history of economic thought

Paul C. Riethmuller, BAgSc (Qld), MEcon (Qld), PhD (Minnesota)

Postgraduate Coursework Advisor

Interests are applied microeconomics, specifically agricultural economics. Current research interests are Japanese agricultural policies, the Japanese distribution system, agricultural and food policy in ASEAN countries; specifically related to livestock.

Tomas J.F. Riha, PromEkon, CSc, (Prague Sch.Econ)

Director of Studies, Faculty of Business, Economics and Law

Specialises in public finance, social economics and Central European economics. Current research interests include history of Queensland public finance, problems of transition from planned to market economy, ethics and economics, property rights, natural law and economics. A/Prof. Riha is an Honorary Professor at Prague University of Economics.

Kartik C. Roy, MA (Econ)(Calc), MA (PolEc)(Calc), PhD (Gujarat), MEconSt (Qld), PhD (Qld)

Specialises in economic theory, money banking and international finance, development planning, international trade and development economics, Australian economy, comparative economic systems and development, industrial relations, human resource development, environment and development, technological change and rural poverty, women's studies, Asian-Pacific economies, Sub-Saharan economies.

Guy R. West, BEcon (Qld), MEconSt (Qld), PhD (Qld)

On Secondment until 2/2000

Specialises in applied quantitative economics. Research interests include regional modelling, particularly in an integrated input-output-econometric framework. Currently Director of the Regional Urban Economics Research Unit, Australian Vice-President of the Australian and New Zealand Regional Science Association International, and joint editor of *Australasian Journal of Regional Studies*.

SENIOR LECTURERS

Mohammad Alauddin, MA (Rajshahi, Bangladesh), MEcon (Adel), PhD (Newcastle)

Specialises in applied microeconomics, trade and development. Current research interests: applications of quantitative techniques to industry and agriculture; applications of input-output analysis and social accounting matrix; Australia's foreign economic relations with countries of Asia and the Pacific; economics of environment and sustainable development; aquaculture economics.

John Asafu-Adjaye, BSc (Ghana), MSc (Aston), PhD (Alberta)

Specialises in environmental and natural resource economics, quantitative methods, and applied general equilibrium modelling. Current research interests include nonmarket valuation of environmental resources, general equilibrium modelling, with particular

emphasis on the incorporation of economy-environment linkages, and environmental accounting.

Philip M. Bodman, B.A., M.A. (Essex), PhD (Queen's)

Specialises in macroeconomics, applied econometrics, international macroeconomics, growth theory and labour economics. Currently lecturing in intermediate and advanced macroeconomics, labour economics, advanced applied econometrics and statistics. Research interests include: econometric modeling of business cycles, GDP and unemployment and international influences on the Australian economy; intertemporal analysis of the sustainability of deficits; the relationships between trade, education, migration and economic growth; labour market matching and labour market efficiency; the economics of education, unemployment and the NAIRU; labour market contract duration; trade union membership; regional and international factor flows and convergence and agglomeration; income distribution; empirical aspects of fiscal federalism and the economics of crime. Has published in journals that include the *Canadian Journal of Economics*, *Economic Record*, *Australian Economic Papers*, *Australian Bulletin of Labour*, the *International Journal of Social Economics* and the *International Economic Journal*.

L. Alan Duhs, BEcon (Qld), BA (Qld), MA (Sus)

Specialises in social economics, economic development and methodology of the social sciences. Current research interests: development economics; reforms in the tertiary education sector; economic philosophy; applied microeconomics; the Queensland economy.

David J. Gow, BA (Syd), PhD (Hawaii)

Research and teaching interests in the areas of public policy analysis and evaluation research, electoral behaviour, quantitative methods and statistics. Seconded to the Centre of Public Administration 1998-2000.

Bruce Littleboy, BEcon (Qld), PhD (Qld)

Interested in macroeconomic theory and policy, especially modern re-evaluations of Keynesian economics and Keynes's political, economic and social philosophy. Other interests: philosophy and methodology of economics, history of macroeconomic theory, social economics, economics and postmodernity.

Tom D. Mandeville, BScAg (Alberta), MEcon (NE), PhD (Qld)

Specialises in the economics information and knowledge, economics of innovation and technology, and regional economics. Current research interests: implications and policy issues of the communication superhighway and e-commerce; knowledge policy and management; the new, collaborative, networked economy; complexity theory and self-organisation; knowledge and innovation; diffusion processes. He is co-founder and editor board member of *Prometheus*. He has acted as consultant to OECD, EU, Commonwealth Government, Queensland Government, W.A. Government, local authorities, Telstra, private industry, industry associations, and community organisations.

Jon D. Stanford, BEcon (Qld), PhD (Leic), FSIA

Specialises in monetary and financial economies and economic policy. Current research interests include economics of financial markets, prudential regulation of financial institutions, economic analysis of legal rules and the new Global Financial Architecture. He is an Executive Director and member of the Management Committee, of the Economic Society of Australia (Qld) Inc.; Business Manager and Member of the Editorial Board of the journal *Economic Analysis and Policy*; a member of the Editorial Board of *JASSA - The Journal of the Securities Institute of Australia*. He was a member of the Independent Committee of Inquiry into Non-Bank Financial Institutions and Related Financial Processes in the State of Queensland, has appeared as Queensland Government advocate before the Prices Surveillance Authority and was technical consultant to the Committee of Inquiry into Financial Services, Fiji.

Sam Strong, BAgEc (New England), MSc (Illinois), PhD (Illinois)

Research interests lie in a number of areas including the economics of agricultural issues, applied econometrics and time series applications. Recent work includes an econometric analysis of the Asian economic slowdown, applying Bayesian inference in a time series setting.

LECTURERS

Rodney M. Beard, BA (Griff), Diplom-Volkswirt (Konstanz)

Mathematical economics, econometrics, operations research, agricultural economics, industrial organisation, renewable resources, rural reform in China and Mongolia, experimental economics and public economics are also areas of research interest. Current research interests include: optimal stocking in economic models of range management in uncertain environments using Ito stochastic control, numerical solution of stochastic differential equations, weak-sense or Girsanov control and stochastic differential games, the stochastic maximum principle and the theory of continuous-time econometrics, the application of the stochastic calculus of variations (Malliavin calculus) to economic problems.

H. Shelton Brown, BA (UNC Chapel Hill), MA (Johns Hopkins), PhD (Vanderbilt)

Research interests include: empirical and applied theory in the fields of health economics, urban economics, public finance and industrial organisation. He has specialised in spatial aspects of public, private and nonprofit competition in the health care market. Additionally, he is currently considering how the prevalence of “managed care” insurance in a market affects nonprofit hospitals. He recently completed a Postdoctoral Fellowship at the University of Alabama - Birmingham. He has published in the *Journal of Health Economics*.

Kyle Bruce, BEc (Syd), MCom (Econ) (Wollongong), PhD (Wollongong)

Research interests include: industrial organisation, business economics/strategy and the theory of the firm; labour economics and labour history; institutional and evolutionary economics and strategic management; business and management history; the history, philosophy and sociology of scientific knowledge and the economics profession; the history of economic and management thought/ideas; and US economic history.

Peter R. Burn, BEc (UNE), PhD (UNE)

On leave 2000. Specialises in business history, Australian economic history, microeconomic policy, institutional economics and the history of economic thought. Current research interests include the Australian mining sector and the links between the work of Joseph Schumpeter and Karl Marx

Sukhan Jackson, BA (Malaya), GradCertEd (Hull), PhD (Griff)

Postgraduate Coursework Advisor

Specialises in the economy of China, international health in Third World countries, industrial relations, labour economics and political economy. Current research interests: labour and industrial relations in China, public health economics in Third World countries, and industrialisation in developing countries. She has acted as special economic adviser to the World Health Organisation and the World Bank on public health research in China.

Jason Potts, BCom (Otago), BSc (Cantab), PhD (Lincoln)

Research interests include: history of economic thought; evolutionary microeconomics and multi-agent simulation modelling; complexity theory; the economics of technological and institutional change; Post-Keynesian monetary theory; the theory of expectations and learning; the theory of the firm; Post-Schumpeterian economics and algorithmic dynamics; the theory of networks and applications of graph theory; the connective and structural geometry of economic space. Research interests broadly align with all theoretical topics that address the phenomenon of economic evolution.

Kam Ki Tang, BSc(HKU), GDipAppEc (Macquarie), MEc (ANU), PhD (ANU)

Commenced in March 2000 as a lecturer (Level B) 13/3/00. Main research interests include macroeconomics modeling and international economics. Current research topics include industry-specific human capital; and innovative economies.

Eric Van Tassel, BA (Humboldt), MA (UC Riverside), PhD (UC Riverside)

Specialises in microeconomics and development economics. Research interests include applications in the microeconomics of incomplete information, applied game theory, topics in industrial organisation, and development economics with a focus on incomplete credit markets in the developing countries.

Research interests include: history of economic thought; evolutionary microeconomics and multi-agent simulation modelling; complexity theory; the economics of technological and institutional change; Post-Keynesian monetary theory; the theory of expectations and learning; the theory of the firm; Post-Schumpeterian economics and algorithmic dynamics; the theory of networks and applications of graph theory; the connective and structural geometry of economic space. Research interests broadly align with all theoretical topics that address the phenomenon of economic evolution.

CHIEF SCIENTIFIC OFFICER

Noel K.C. Fletcher, BEcon (Qld), DipInfmProcessing (Qld), MEconSt (Qld)
Academic Advisor (Undergraduate Students) in the Faculty of Business, Economics & Law

Special interests: application of computers to problem solving; computer simulation; sample survey design; econometrics; tourism studies.

ASSOCIATE LECTURERS

Averil Cook, BSc (Syd), DipEd (Syd), MEconSt (Qld)

Currently teaching in the introductory quantitative, mathematical economics subject areas. Interested in economics education, non market valuation, recreation and tourism.

Gareth Leeves, BSc(Econ) (Leics), MSc (Bath), PhD (UNSW)

Specialises in labour economics and applied econometrics. Research interests include the dynamics of labour market adjustment, the process of structural change and its effect on the labour market, the impact of labour market programs on unemployment.

Renuka Mahadevan, BSc (Nat Uni Singapore), DipEd (Inst Ed, Singapore), MEcon (ANU), PhD (ANU)

Specialises in productivity analysis. Research interests include applied econometrics in foreign direct investment and other growth strategies in the newly industrialising economies of East Asia.

Jacqueline Robinson, BA (UWA), DipEd (UWA), BEcon (Qld), MEconSt (Qld), PhD (Qld)

Specialises in applied natural resource management and evaluation of public sector investment projects utilising cost-benefit, input-output and multiple criteria analysis. Particular interests include the development of decision-support techniques to assist participatory decision-making.

POSTDOCTORAL RESEARCH FELLOWS

Clevo Wilson, BA (Peradeniya), MPhil (Cambridge), MSc (Glasgow), PhD (St. Andrews)

Research interests are in environmental and development issues, agricultural pollution, health economics (especially health effects of pollution), eco tourism, marine and natural resource economics, and wildlife, forest, nature reserve and national parks valuation.

Dauyan Xue, BSc (Nanjing), MSc (Nanjing), PhD (Nanjing, China)

Research interest include: biodiversity conservation, protected area management, and nature conservation management in Australia and China.

HONORARY RESEARCH CONSULTANTS

Robert A. Cage, BS (Portland State), MA (Oregon), PhD (Glasgow)

Re-appointed for a three year period ending 2 February 2002. Specialises in economic history. Main interests are in British working-class conditions, the development of welfare and public health in Britain and Australia.

Rodney C. Jensen, AEd (Qld), BEcon (Qld), MAgEc (NE), PhD (Qld)
Professor Emeritus, The University of Queensland.

Appointed for a three year period from 1 January 1997. Specialises in regional economics, urban economics, other applications of microeconomics, and is active in the general area of regional science. Research interests include the theory and application of input-output models, the nature of economic structure at the urban and regional levels, public finance aspects of local government, regional planning and growth, local economic development approaches and methods, and the methodology of regional science. Actively involved in consulting and advisory work in regional economic impact studies, regional and local economic development studies and policy.

A. George Kenwood, BA (Sheff), PhD (Lond)

Re-appointed for a three year period from 1 January 2000. Specialises in economic history and economic development. Current research interests: regional investment activity in Britain during the nineteenth century; the Queensland economy between the wars.

Shabbir Hussain, BSc (Punjab), MA (Stat) (Punjab), MA (Econ) (Punjab), PhD (JCU)

Re-appointed for a three year period from 1 January 2000. Research interests include: technology impact and human resource development strategies in Malaysia, Singapore and Brunei Darussalam, cross cultural technology transfer, and, technology and development in developing countries. Dr Hussain has held a number of consulting positions in Brunei Government Departments including the Departments of Agriculture, Fisheries, Industry and Tourism, and also the Ministries of Religion, Education, and Industry.

H.M. (Ted) Kolsen, BEc (Syd), PhD (Lond)
Professor Emeritus, The University of Queensland.

Re-appointed for a three year period commencing 1 January 2000. Specialises in applied microeconomics, especially in the transport and public enterprise areas. Current research interests include the economic regulation of industry; transport policy; impact of institutions and the constitutional environment on policy options. He was a member of the Transport Industries Advisory Council 1977-1984, was Specialist Advisor to the House of Representatives Committee on Expenditure for the Inquiry into the Australian National Railways Commission 1979-1982, was a member of the Inter-state Commission 1984-1986.

Alan L. Loughheed, BA (Qld), BCom (Qld), BEcon (Qld), PhD (Qld)

Re-appointed for a three year period ending 31 December 2001. Research interests include all aspects of international economics; history of the international economy; Australian economic history; the historical development of technological knowledge; gold mining history; modern macro-economic policy.

HONORARY PROFESSOR

J. Stan Metcalfe CBE, BA(Econ) (Manchester) MSc (Manchester)

Appointed Honorary Professor in the Department of Economics for a five year period commencing 1 July 1998. Professor Metcalfe is currently the Stanley Jevons Professor of Political Economy and Cobden Lecturer in the Department of Economics, University of Manchester and is also the Director of the ESRC Centre for Research on Innovation and Competition. His current research activities are in the areas of evolutionary economics, industry economics, the study of technical change, the economics of science policy and the formulation of technology strategy.

ADJUNCT PROFESSORS

A. Mark Gray, BEcon (Hons) (Qld)

Appointed Adjunct Professor in the Department of Economics for a three-year period commencing 1 January 1999. Mr Gray is the Deputy Under Treasurer of the Queensland Treasury Department, a position which he has held since February 1995. In this role he has broad-ranging involvement in all issues affecting the portfolio. He has worked in Queensland Treasury for 14 years and previously worked as an agricultural economist in the Queensland Department of Primary Industries and as an economist with the Commonwealth Government in the Industries Assistance Commission and also the Australian Bureau of Statistics. He is a member of the Queensland Council of the Securities Institute of Australia and also of the Australian Institute of Company Directors.

Dr Peter McCawley

Appointed Adjunct Professor in the Department of Economics from September 2000 until June 2003. Dr McCawley is the Deputy Director-General of Australia's Overseas Aid Agency (AusAID) and is a member of the Editorial Board of the *Bulletin of Indonesian Economic Studies*. He graduated with first class Honours in 1968 from The University of Queensland, was awarded a scholarship and admitted to the PhD degree in 1972 at the Australian National University in Canberra for his thesis on the "Indonesian Electricity Supply Industry". He is fluent in Bahasa Indonesia. Peter has held teaching positions and has acted as an Economic Adviser to Bill Hayden, the (then) Minister for Social Security and later Treasurer (1974-75), and Mr John Kerrin (1991), the (then) Treasurer.

Dr McCawley joined the Australian International Development Assistance Bureau (AIDAB) in 1986 and was Executive Director of the Asian Development Bank, in 1992-96, in Manila. In 1983-84 he was a member of the Jackson Committee's *Review of the Australian Overseas Aid Program*.

Peter's major interest lies in the general area of economic development, in Asian countries, in particular. He has co-edited several books, eg. *Indonesia: Dualism, Growth and Poverty* (1980) and *The Indonesian Economy During the Subarto Era* (1981), and written numerous journal articles, one of the more recent being "Development Assistance in Asia in the 1990s", *Asia-Pacific Economic Literature* (1998).

Dr Peter McCawley has been a regular contributor to the Department of Economics Seminar Program over the years, the most recent being "Economic Growth in Asia: A Policy Perspective" presented in October 1999.

Dr John Fallon

Appointed Adjunct Professor in the Department of Economics from September 2000 until June 2003. Dr John Fallon graduated with First Class Honours in Economic Statistics in 1980 from The Department of Economics. In 1983 he graduated MA (Economics) from the University of Western Ontario, Canada and was awarded the PhD degree in 1986 from the same university. His thesis was titled "System-Wide Estimation of Trade Elasticities for Canada and the United States: Comparison of the Translog and Differential Approaches".

Dr Fallon has had wide experience in various dimensions of public administration and economic analysis and advice including The Reserve Bank of Australia (1971-80), The Industries Assistance Commission (1980-82, 1986-87), The Organisation for Economic Cooperation and Development (OECD) in Paris (1987-89), Industry Commission (1990-April 1991) and the Queensland Treasury (April 1991-September 1992). Since 1992 Dr Fallon has worked as an Economic Consultant (Economic Insights Pty Ltd) in Brisbane. His work has covered a wide spectrum of economic issues in both the public and private sectors, not simply in Australia, but also in Japan, Canada, Fiji, Kiribati, Nauru, Papua New Guinea, Samoa etc.

Dr Fallon has taught at The University of Queensland, the University of Western Ontario and the Australian National University. His interests lie in public finance, public enterprise and regulatory economics. More recently he has worked on a range of economic development issues in Papua New Guinea and Pacific Island nation states.

Dr John Fallon has been active in the formation of the Economics Alumni and also in its continuing functions. He was the inaugural President of The University of Queensland Economics Alumni (1999) and continues (2000) in that position.

TUTORIAL FELLOWS/ASSISTANTS

Appointed from our postgraduates on an annual basis.

LIBRARIANS - ECONOMICS AND BUSINESS POSTGRADUATE LIBRARY

Tanya Ziebell, GradDipLibSci(QUT), BA

Fei Yu, GradDipLib(Can), MPhilTESOL(Chinese Uni of HK), BA (Beijing Lang Inst)

ADMINISTRATIVE STAFF

Rowena Lawson, BSc (Qld), BA (Qld)
Amy Lindley
Julie Waldon

resigned from 1 October

DEPARTMENTAL SECRETARY

Margaret Cowan *(Secretary to Head of Department)*

SECRETARIAL STAFF

Marie Keynes *(Enquiries Office Supervisor)*
Barbara Dempsey
Genevieve Larsen
Trisha Whiteford
Jackie McLaren

Staff Changes During 2000

There were a number of staff changes, additions, resignations and movements in 2000.

Merinda Andrews. Merinda was a member of the administrative staff in the Enquiries Office from 13.12.99 to 17.4.00. Merinda came to Economics after working for many years at the University of New England and more recently the UQ Dentistry School. Merinda left Economics to take up a position at UQ Ipswich.

John Asafu-Adjaye. John was elected to the position of Staff Representative on the Executive Committee.

Phil Bodman. Phil was made Chair of the Equipment Committee in place of John Mangan

Jeannine Fowler. On 31.7.00 Jeannine resigned from her position as research secretary to one of the Department's Professors. Prior to her resignation Jeannine had been on leave without pay for 6 months. Jeannine had been in the position for 8 ½ years.

Genevieve Larsen. Genevieve was appointed as a research secretary in the Department from 28.9.99 – 31.3.2000 while Jeannine Fowler was on leave. Following Jeannine's resignation Genevieve was appointed on a continuing basis.

Rowena Lawson On 29.9.00 Rowena resigned from her position as Senior Administrative Officer in the Department. Rowena had been in the position for 16 ½ years.

Marie Keynes was appointed as Office Manager in the Enquiries Office from 1/12/99 following the resignation of Robyn McDonald who left to start a family.

Jackie McLaren. Jackie was a member of the administrative staff in the Enquiries Office from 4.10.00 – 3.8.01. Jackie replaced Tricia Whiteford while Tricia was on secondment to the UQ Student Centre and the UQ Herston Student Centre.

K K Tang. Commenced duty as a Lecturer (Level B) on 13/3/00.

Tricia Whiteford. Tricia was a member of the administrative staff in the Enquiries Office. She commenced in Economics on 8.5.00 and accepted a secondment to the UQ Student Centre from 4.9.00 to 30.3.01. She then accepted a second secondment to the UQ Herston Student Centre and eventually resigned her position in Economics on 29.6.01 to accept position in another UQ School.

SPECIAL STUDIES PROGRAM LEAVE (SSP) for 2000:

Dr M. Alauddin	Semester 1
Mr L.A. Duhs	Semester 2
A/Prof S.R. Harrison	Semester 2
A/Prof N.D. Karunaratne	Semester 1
A/Prof A.J. Makin	Semester 2
A/Prof G. Mehta	Semester 1
A/Prof G.R. West	Semester 1

Dr P. Burn on leave without pay for whole of 2000

Visitors to the Department

The Department had a number of national and international visitors during 2000, some extending their stay from 1999. This listing does not include all short duration visitors.

Professor Kurt Dopfer

University of St Gallen, Switzerland

17 July – 31 August 2000.

Professor Melvin Hinich

University of Texas, Austen

21 – 25 August 2000.

Professor Takashi Miyachi

Fukuyama University (has Agreement of Co-operation with UQ)

Visiting Professor, October 1999 – April 2000.

Professor Yukihiro Mori

Shimonoseki City University, Yamaguchi

Visiting Scholar, October 2000 – March 2001.

Dr Joern Sideras

Institut Fur Allgemeine, Wirtschaftsforschung

10 April – 25 June 2000.

Dr Irmid Seidl

University of Zurich

12 July – 25 July 2000.

Dr Marvin Schaffer

Canada

1 February – 30 June 2000

Departmental Seminar Program

2000 Department Seminar Convenor: Dr H. Shelton Brown

<i>Speaker</i>	<i>Title</i>	<i>Date</i>
Tom Crossley <i>Australian National University</i>	Shocks, Stocks and Socks: Consumption Smoothing and the Replacement of Durables during an Unemployment Spell	25 February
David Sapsford <i>Lancaster University</i>	Smooth Transitions and GDP Growth in the European Union	3 March
Jan-Egbert Sturm <i>Bond University</i>	Central Bank Independence and Inflation in Developing Countries: The Role of High Inflation Observations	10 March
Michelle Barnes <i>University of Adelaide</i>	Threshold Relationships Among Inflation, Financial Market Development and Growth	17 March
Art Goldsmith <i>Bond University</i>	Motivation and Labour Market Outcomes	24 March
Jackie Robinson <i>University of Queensland</i>	Does MODSS Offer an Alternative to Traditional Approaches to Natural Resource Management Decision Making?	31 March
Dyuti Banerjee <i>Bond University</i>	Buying Vitae and Poaching Workers: Labour Market Signalling and Job Turnover Revisited	14 April
Renuka Mahadevan <i>University of Queensland</i>	The Tale of Two Cities Revisited: Total Factor Productivity Growth in the Manufacturing Sector of Hong Kong and Singapore	12 May
Professor Bob Gregory <i>Australian National University</i>	Tenth Colin Clark Memorial Lecture Labour and the New Economy: Show me the Money, Show me the Jobs	19 May
John Quiggin <i>Australian National University</i>	State Contingent Production and Adverse Selection	25 May
Marvin Shaffer <i>Visiting Lecturer, University of Queensland</i>	Limitations in the Concept of Value-Implications for the Role and Application of Benefit Cost Analysis in Public Policy Debates	26 May

<i>Speaker</i>	<i>Title</i>	<i>Date</i>
Peter Dixon <i>Centre for Policy Studies, Monash University</i>	An Overview of Monsh	14 July
Peter Burn <i>Business Council of Australia</i>	The ACCC's Price Monitoring Regime in the Transition to the New Tax System: Does it Make Sense?	21 July
Mark Morrison <i>Charles Sturt University</i>	All conjoint techniques are equal – but some are more equal than others	28 July
Graham Voss <i>Reserve Bank of Australia</i>	Consumption and Wealth	4 August
Stephen King <i>University of Melbourne</i>	Regulating endogenous customer switching costs	11 August
Mark Crosby <i>University of Melbourne</i>	Exchange rate volatility and macroeconomic performance in Hong Kong	18 August
Raja Junakar <i>University of Western Sydney</i>	Job mobility along the technological ladder: A case study of Australia	25 August
Mukul G. Asher <i>National University of Singapore</i>	Reform imperatives for social security systems in Southeast Asia	30 August
Simon Grant <i>Australian National University</i>	The risk premium for equity: implications for Clinton's proposed diversification of the social security	29 September
Dr Bob Jackson <i>University of Queensland</i>	Diet, Disease and Dairymaids	6 October
Yvan Lengwiler <i>Swiss National Bank</i>	Auctions and corruption	20 October
Rabee Tourky <i>University of Melbourne</i>	Markets Many More Agents than Commodities	27 October

Postgraduate Seminar Program

The Postgraduate Seminar Series is held for PhD and Research Masters candidates to present their research. An initial seminar is followed by a formal defence seminar for confirmation of PhD candidature.

2000 Postgraduate Seminar Co-ordinator: *Darrel Doessel*

Darian Collins	Factors affecting an Australian travellers' decision to travel overseas	01 March
Brendan Rynne	Investment under uncertainty: A case study of airport infrastructure	08 March
Mahbubur Rahman	Foreign direct investment in Bangladesh: Some macroeconomic issues and policy responses	08 March
John Mills	The significance of eco-tourism for the development of Queensland's regional economics	08 March
John Johnston	Job reallocation and long term unemployment in Australia	29 March
Khin Zar Win-Htin	Exchange rates and inflation in ASEAN economies	19 April
Averil Cook	Economics of development of long-distance walking tracks in North Queensland	03 May
Ranjith Bandara	Economics of vertebrate pest management: A case study of human elephant conflict in Sri Lanka	10 May
Tabitha Kiriti	Gender inequality and agricultural productivity: Economic analysis and African evidence	10 May
Mohammed Hossain	Growth, structural change, and income distributional consequences of trade liberalisation: The case of Bangladesh	19 July
Siew Yean Teo	Female labour supply and wage determination in Brunei Darussalam	26 July
Tyron Venn	The potential for development of Aurukun Shire with socio-economically efficient native forest management	02 August
Barry Golding	Cost effectiveness of mined land rehabilitation of the strip coalmines of Queensland (<i>Mecon</i>)	09 August

Seminar & Conference Presentations

The following should be regarded as a sample only of Conferences, Seminars and Workshops attended by staff and research candidates during 2000. Conferences and Symposia that were organised in some way by the Department are listed under *Public Relations & Community Interaction*.

Rodney Beard

- presented a paper *Job Queues and Job Search: A Queuing Network Model of Labour Market Dynamics*, (co-authored with **Stuart McDonald**) at the ASOR 16th National Conference, in Hokkaido, Japan in July 2000.
- presented a paper *Consistent implementation* (co-authored with **Stuart McDonald**) at the 19th Economic Theory Workshop held at the University of Technology Sydney, in January 2001.
- presented a paper entitled 'A Numerical Stochastic Differential Game of Common Property Grazing' at a seminar on 12-15 October, held at the University of Melbourne

Richard Brown

- in Kuala Lumpur, Malaysia in September for recruiting and marketing purposes including being in consultation with Taylor's College staff and students and IDP offices discussing Scholarship proposals – and a further follow up trip in October when he attended at IDP offices and Taylor's College to conduct interviews for our Economics/Malaysia Scholarships. He advised the trip was a success and will hear more of the results in due course.
- attended South Africa also in October where he presented papers at the University of Natal Durban and University of Cape Town and also did some research on economics scholarship opportunities for South African students

Shelton Brown

- presented a paper entitled 'Optimal Facility Placement and Congestion Pricing Among Heterogenous Consumers in an Urban

Setting' at the von Thünen Conference in Germany, on Urban Economics in September 2000

Joseph Chai

- with **Dayuan Xue**, and **Clem Tisdell** attended a workshop in early September on *Economic, Globalisation, Trade Investment and Sustainable Development: Implications for China and its Entry to WTO* held at the University of International Business and Economics, Beijing. Each made presentations

Mirko DRACA

- and Gene Tunny attended and presented a paper 'Deconstructing job creation in Australia' at the *Australian Labour Market Research Workshop* held at the University of Sydney on 6th December.

Gareth Leeves

- and **Colin GREEN** presented their paper 'Ports-of-entry in the Australian Labour Market'..

Stuart McDonald

- presented a paper *Numerical simulation of the term structure of interest rates using a random field*, (co-authored with **Rodney Beard**) at the Australian Macroeconomics Workshop 2000, at UQ in May 2000.
- presented a paper *How about tomorrow? Procrastination as an optimal response to conference deadlines* (co-authored with **Rodney Beard** & **Tim Purcell**) at the 2000 Conference of Economists, held at the Gold Coast in June 2000.

- presented a paper '*A fair price for internet services: The market for internet services as a tiebout-economy*', at the Industrial Economics Conference, AGSM, University of NSW, New South Wales on 10-11 July.
- presented a paper '*Evolutionary Implementation*' (co-authored with **Rodney Beard**) at the 19th Economic Theory Workshop held at the University of Technology Sydney, in January 2001.

Tony Makin

- presented an invited paper on "Fundamentals of Exchange Rate Economics" at the *Tenth Melbourne Money and Finance Conference* arranged by the University of Melbourne

Clem Tisdell

- participated in the *Regional High-Level Preparatory Meeting for the Third United Nations Conference on Least Developed Countries* held in Dhaka, 13-15 November, 2000 and gave a presentation on "Social issues in Developing Countries, Particularly the Least Developed Pacific Island Nations"..

Tyrone Venn

- presented a poster on his paper 'Can Logging or Forest-Based Ecotourism Generate Employment and Income for the Wik, Wik-Way and Kugu People of Aurukun Shire, Cape York Peninsula?' at the Rainforest CRC Conference held in Cairns on 15-17 November.

Publications by Staff & Students

The following Bibliographic Record for 2000 has been compiled according to the Department of Education, Science and Training (DEST) and The University of Queensland categories. The Department's five series of publications and conference monograph are listed separately. The names of Department staff and students are underlined.

Books

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Chai, J. C. H. (eds) 2000, *The Economic Development of Modern China - Volume 1 - Prewar Economic Development*, Edward Elgar, Cheltenham, UK, 683pp.

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Harrison, S. R., Herbohn, J. F. & Herbohn, K. F. (eds) 2000, *Sustainable Small-Scale Forestry: Socio-Economic Analysis and Policy*, Edward Elgar, Cheltenham, UK, 246pp.

Lakshman, W. D. & Tisdell, C. A. (eds) 2000, *Sri Lanka's Development Since Independence: Socio-economic perspectives and analysis*, Nova Science Publishers, Huntington, NY, 301pp.

Makin, A. J. 2000, *Global Finance and the Macroeconomy*, Macmillan Press Ltd, Hampshire, London, 202pp.

Mangan, J. E. (eds) 2000, *Understanding and Reducing Unemployment: National and State Perspectives*, Qld Treasury - Office of Economic & Statistical Research, Brisbane, Australia, 176pp.

Mangan, J. E. 2000, *Workers Without Traditional Employment: An International Study of Non-Standard Work*, Edward Elgar, Cheltenham, UK, 205pp.

Potts, J. 2000, *The New Evolutionary Microeconomics*, Edward Elgar, Cheltenham UK & Northampton USA, 239pp.

Tisdell, C. A. (eds) 2000, *The Economics of Tourism - Volume 1*, Edward Elgar, Cheltenham, UK, 488pp.

Tisdell, C. A. (eds) 2000, *The Economics of Tourism - Volume II*, Edward Elgar, Cheltenham, UK, 624pp.

Book Chapter

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Grants for Research Operating in 2000

Details of staff and research grants operating in 2000.

Investigator(s)	Grant Details	
George Docwra & Rick Tamaschke (GSM)	<i>Project Title:</i>	Greenhouse Gas Emission Control in a Competitive Market: An Evaluation of Alternative Investment Scenarios in Electricity Generation Beyond 2000
	<i>Period of Grant:</i>	1999 - 2001
	<i>Amount of Grant:</i>	\$38,000 pa (50/50 split)
	<i>Granting Body:</i>	ARC SPIRT Grant
John Foster, Guy West and John Mangan	<i>Project Title:</i>	Collaborative arrangements for the construction of a multi-regional/multi-industry IOE model
	<i>Period of Grant:</i>	1999-2001
	<i>Amount of Grant:</i>	\$200,000
	<i>Granting Body:</i>	Queensland Treasury
Steve Harrison	<i>Project Title:</i>	Socio-economic evaluation of supervised cattle distribution under coconuts in the Philippines
	<i>Period of Grant:</i>	1999 – Jan 2000
	<i>Amount of Grant:</i>	\$47,319
	<i>Granting Body:</i>	Australian Centre – International Agricultural Research (ACIAR)
Jackie Robinson	<i>Project Title:</i>	Evaluation of the outcomes from the implementation of a multiple objective decision support system.
	<i>Period of Grant:</i>	December 1999 – May 2000
	<i>Amount of Grant:</i>	\$5,000
	<i>Granting Body:</i>	Sugar Research & Development Corporation
Clem Tisdell & Joseph Chai	<i>Project Title:</i>	Globalisation, Trade and Sustainable Development: Implications for China and WTO.
	<i>Period of Grant:</i>	July 1999 - June 2000
	<i>Amount of Grant:</i>	\$74,675
	<i>Granting Body:</i>	IDP Education Australia Limited
Tony Makin	<i>Project Title:</i>	Identifying the Causes of International Capital Flow Reversals
	<i>Period of Grant:</i>	January 2000 – December 2000
	<i>Amount of Grant:</i>	\$9,912
	<i>Granting Body:</i>	Australian Research Council

Investigator(s)	Grant Details	
Phil Bodman; Harry Campbell	<i>Project Title:</i>	Fiscal externalities in the Australian Federal Financial System: Theoretical Modeling and Empirical Evaluation using Queensland as a Case Study
	<i>Period of Grant:</i>	January 2000 – December 2000
	<i>Amount of Grant:</i>	\$14,461
	<i>Granting Body:</i>	Australian Research Council
John Foster; Mirko Draca	<i>Project Title:</i>	The Impact of Structural and Regulatory Changes on Australian Employment
	<i>Period of Grant:</i>	January 2000 – December 2000
	<i>Amount of Grant:</i>	\$11,810
	<i>Granting Body:</i>	Australian Research Council
Neil Karunaratne; John Asafe-Adjaye	<i>Project Title:</i>	The economic impact of globalisation and informatisation: A preliminary analysis of the Queensland economy
	<i>Period of Grant:</i>	January 2000 – December 2000
	<i>Amount of Grant:</i>	\$10,857
	<i>Granting Body:</i>	Australian Research Council
Clem Tisdell; K.C. Roy	<i>Project Title:</i>	Social Forestry, Sustainable Forestry and Community Development in Rural India: A Cast Study of West Bengal
	<i>Period Grant:</i>	January 2000 – December 2000
	<i>Amount of Grant:</i>	\$14,737
	<i>Granting Body:</i>	Australian Research Council
John Foster; Phil Bodman	<i>Project Title:</i>	Fundamental Drivers of Economic Growth in Queensland
	<i>Period Grant:</i>	March 2000 – October 2000
	<i>Amount of Grant:</i>	\$25,500
	<i>Granting Body:</i>	Queensland Treasury
John Mangan	<i>Project Title:</i>	Labour Market Research Service
	<i>Period Grant:</i>	February 2000 – March 2003
	<i>Amount of Grant:</i>	\$155,000
	<i>Granting Body:</i>	Department of Employment Training Industrial Relations

* Funds not administered by the Department of Economics.

Research Students: Scholarships

Postgraduate students who held an Award/Scholarship in 2000:

Ranjith Bandara	University of Queensland International Postgraduate Research Scholarship
Ryan McAllister	University of Queensland Graduate School Award
Kefyalew Mekonnen	University of Queensland Graduate School Award
Tyron Venn	Australian Postgraduate Award
Tyron Venn	Rural Industries Research & Development Corporation Scholarship
John Robertson	CRC Scholarship
Boyd Blackwell	CRC Scholarship
Willie Chan	Australian Postgraduate Award
Stephen Duthy	Australian Postgraduate Award
Rhys Evenden	Australian Postgraduate Award
Mohammed Hossain	UQ International Postgraduate Research Scholarship
Lauchlan McKinnon	Australian Postgraduate Award
Yakub Abu Baker	Vice Chancellor Scholarship
Fritz De Vroet	UQ Graduate School Award

Research Candidates

RESEARCH THESES IN PROGRESS OR SUBMITTED DURING 2000

(in alphabetical order of student)

The Department had 81 candidates undertaking higher degree research during 2000 consisting of 75 PhDs and 6 MEcon (Research) candidates. Eight candidates had submitted their thesis and three students interrupted for the year. In 2000, one MEcon and 5 PhD candidates (1 split EFTSU) were awarded degrees.

<i>Student (Supervisor)</i>	<i>Topic</i>	<i>Degree</i>
Mr Yakub Abu Bakar (Mandeville & Hussain (Uni Brunei))	Impact of technology on human resource development strategy with special reference to Brunei	PhD (remote)
Mr Frank Agbola (Harrison, Campbell & Longmire (USQ))	Econometric analysis of supply response in the Australian wool industry under changing policies (PhD awarded August 2000)	PhD (remote)
Mr David Anthony (Foster & Mandeville)	The diffusion of communication technology and socio-economic evolution: A self organization approach	PhD
Mr Aung-Kyaw-Zaw (<i>Tropical Health 60%</i> & Jackson, S.)	Cost-effectiveness of parasite-F rapid manual diagnostic test for the diagnosis of falciparum malaria against conventional microscopy along with primary health care approach in Myanmar	PhD (remote to 09/00)
Mr Ian Austin (<i>Government 60%</i> & Chai)	The state and economic development: A comparative analysis of the state and financial institutions in East Asia (submitted August 2000)	PhD
Mr Ranjith Bandara (Tisdell & Roy)	Economics of vertebrate pest management: A case study of human elephant conflict in Sri Lanka	PhD
Mr Yapa Bandara (Karunaratne, Mangan & Mahadevan)	Trade liberalisation and the growth of the manufacturing sector in Sri Lanka	PhD
Mrs Saswati Basu (Roy & Tisdell)	Non government organisations in economic development of women in developing countries - a case study of Calcutta based NGO's (submitted January 2001)	MEcon
Mr James Benjamin (Bodman)	A role for the Reserve Bank of Australia: Evidence from a dynamic factor model of economic fluctuations (transferred from ANU December 2000)	PhD
Mr Boyd Blackwell (Tisdell, Asafu-Adjaye & Harrison)	The economics of the provision of beach services	PhD
Mr Shekar Bose (Campbell, Bodman & McIlgorm (Australian Maritime College))	The behaviour of prices in Sydney fish market: An empirical analysis (submitted December 2000)	PhD (remote)

Mr Jerome Bredt (Mangan & Mandeville)	The process of job creation and destruction in the Australian economy	PhD
Mr Maxwell Briggs (Mandeville & Jensen)	The Multifunction Polis and regional economic development <i>(submitted September 2000)</i>	PhD
Mr Marcus Brown (Mangan & Foster)	The economics of growth, diversification and merger in the Australian economy <i>(withdrawn 2/2000)</i>	PhD
Ms Kay Bryant (Harrison & Roy)	Agricultural loan evaluation systems <i>(PhD awarded January 2001)</i>	PhD
Mr Iketut Budastra (<i>Natural & Rural Systems Mgmt 85%</i> & van Tassel)	A study on rural credit management in rural Lombok, Indonesia	PhD
Mr W. (Bill) Chan (Mehta)	Revealed preference and nonparametric estimation of consumer demand	PhD
Ms Darian Collins (Tisdell & Karunaratne)	Changing travel patterns: An economic and quantitative analysis based on Australian outbound travel.	PhD
Mr Luke Connelly (Doessel)	The spatial and temporal distribution of general practitioner services in private fee-for-service and public medical practice <i>(PhD awarded August 2000)</i>	PhD
Mrs Averil Cook (Harrison & Asafu-Adjaye)	Economics of development of long-distance walking tracks in North Queensland	PhD
Mr Michael Cox (Harrison & Quayle (QUT))	The economic and export potential of natural resource products from Queensland timber industries	PhD
Mr John Darlington (Brown, R. & Asafu-Adjaye)	Estimation of drought effects within the cost benefit analysis framework <i>(MEcon awarded August 2000)</i>	MEcon
Mr Rex Davis (Tisdell & Harrison)	An economic evaluation of the cattle tick <i>Boophilus Microplus</i> in Queensland and of alternative strategies for its control	PhD
Mr Alex De La Flor (Riha)	A hundred years of income taxation in Australia <i>(withdrew 1/2000)</i>	PhD
Mr Fritz De Vroet (<i>Management 80%</i> & Chai)	Strategic management in Asian companies	PhD
Mr Michael Drew (Stanford & Makin)	The economics of funds management <i>(PhD awarded June 2000)</i>	PhD (N/E)
Mr Chandra Dulare (Roy & Karunaratne)	A general equilibrium macroeconomic model for Fiji: A small semi-open economy with nominal exchange rate anchor	PhD
Mr Stephen Duthy (Harrison & Davis (SCU))	Socio-economic evaluation of supervised cattle distribution in the Philippines	PhD (remote)
Ms Janet Dzator (Asafu-Adjaye Doessel until 09/99)	The economics of health care delivery in Ghana with particular reference to malaria <i>(submitted April 2000)</i>	PhD

Mr Jean-Claude Eono (Harrison, Roy & Herbohn (JCU))	The economics of world heritage listed areas <i>(submitted May 2000)</i>	PhD
Mr Rhys Evenden (Docwra & Mangan)	Privatisation, deregulation and the conduct of incumbent firms	PhD
Mr Zhicun Gao (Tisdell & Chai)	Industrialization and foreign trade strategies in China's economic development	PhD
Mr Barry Golding (Campbell & <i>Civil Engineering 50%</i>)	Cost effectiveness of mined land rehabilitation of the strip coalmines of Queensland	MEcon
Mr Akhter Hamid (Alauddin & <i>Agriculture 50%</i>)	Integration of agriculture and aquaculture in farming systems of Bangladesh: Economic, social and environmental perspectives	PhD
Ms Karen Hooper (Brown, R. & Foster)	The non-traded goods sector, international migration and competitiveness	PhD
Mr Yoshitaka Hosoi (Asafu-Adjaye & Yokoyama)	The impact of a large scale mine development on the national economy of Fiji	PhD (remote)
Mr Mohammad Hossain (Karunaratne & Alauddin)	Growth, structural change, and income distributional consequences of trade liberalization: The case of Bangladesh	PhD
Mr Chris Hunn (Mangan & Campbell)	Valuing special events <i>(PhD awarded April 2000)</i>	PhD
Mr Faridul Huq (Alauddin, Mangan & Kalirajan (UNE))	Industrial development in Bangladesh - the case of ready made garments industry (<i>withdrawn 2/2000</i>)	PhD (remote)
Mr M. (Handry) Imansyah (West & Jensen)	Impact analysis for small regions in developing countries: A case study of an application of input-output analysis for small regions in Indonesia (<i>submitted March 2000</i>)	PhD
Mr John Johnston (Foster & Mangan)	Job reallocation and long term unemployment in Australia <i>(interrupted 2/2000)</i>	PhD
Ms Tabitha Kiriti (Tisdell & Roy)	Gender inequality and agricultural productivity: Economic analysis and African evidence	PhD
Mr James Laurenceson (Chai & Stanford)	China: Financial reform of a developing, transitional economy (<i>submitted January 2001</i>)	PhD
Mr C-Y (Jeff) Lin (Riethmuller & van Tassel Chai from 1/2001)	Taiwan's processed food industry: An economic analysis	PhD
Ms Astrid Loon (Roy & Jackson, S.)	The socio-economic impacts of implementing noise and air pollution controls at Amsterdam International Airport, Schiphol	MEcon
Mr Lauchlan Mackinnon (Foster & <i>Philosophy 50%</i>)	Management of self-reflexive socioeconomic systems with specific reference to normative valuations	PhD (remote)
Mr Albert Mafusire (Karunaratne & Mandeville)	The role of foreign direct investment inflows in Zimbabwe	PhD
Mr Ryan McAllister (Asafu-Adjaye & Beard)	Dynamic modelling of deforestation in the P.D.R. of Lao	PhD

Mr Stuart McDonald (Mehta)	Evolutionary game theory in games with infinitely any agents and infinite action spaces	PhD
Mr Kefyalew Mekonnen (Asafu-Adjaye & Tisdell)	Sustainable use of the Ethiopian Nile River headwaters <i>(transfer to SNRSM Oct. 2000)</i>	PhD
Mr John Mills (Docwra, Mangan & West)	The impact of transaction costs in the privatisation of Government owned activities, with particular reference to the rail industry	PhD
Ms Kerrie Mitchener (Mehta & Valentine (UniWestSyd))	Preference and utility in economic theory and the history of economic thought	PhD (remote)
Mr Bryan Morgan (Foster & Bodman)	Econometric techniques in dynamic systems with particular references to monetary economics <i>(submitted February 2001)</i>	PhD
Mr Steven Morling (Karunaratne, Makin & Forsyth (USP))	Inflationary processes in developing countries	PhD (remote)
Mr Chris Nadarajah (Docwra)	Production functions in the Australian professional team sport industry	MEcon
Mrs Kathleen O'Connor (Foster & Bodman)	An investigation of evolutionary change in the term structure of interest rates <i>(submitted August 2000)</i>	PhD
Mr Mohd Yakub Othman (Brown, R. & Hussain (Uni. Brunei))	Economic diversification strategies for a small economy with reference to Brunei Darussalam	PhD (remote)
Ms Leonie Pearson (<i>Natural & Rural Systems Mgmt 70%</i> & Tisdell)	Attributing tourist expenditure within a multiple benefit single destination	PhD
Mr Tim Purcell (Karunaratne & Strong)	Effects of trade liberalisation on the Australian pig industry <i>(submitted February 2001)</i>	PhD
Mr Mahbubur Rahman (Karunaratne, Alauddin & Mahadevan)	Foreign direct investment in Bangladesh: Some macroeconomic issues and policy responses	PhD
Mr Chris Reid (Campbell & Asafu-Adjaye)	Optimal resource allocation between competing commercial and non commercial users in a spatially diverse fishery <i>(submitted September 2000)</i>	PhD (remote)
Mr John Robertson (Campbell, Beard & Mapstone (JCU))	Ecological and economic implications of conservation management strategies designed to minimise the impacts of fishing in the Great Barrier Reef	PhD
Mr Brendan Rynne (Docwra & Foster)	Investment under uncertainty: A case study of airport infrastructure	PhD
Mr Nirmal Saha (Tisdell & Alauddin)	Socio-economic determinants and impacts of different forms of freshwater aquaculture in Bangladesh with particular reference to Tilapia	PhD
Ms Margaretha Scott (<i>Earth Science 65%</i> & Brown, R.)	Cost benefit analysis for Australian geological surveys and future policy implications <i>(PhD awarded July 2000)</i>	PhD (N/E)

Mr Arif Sikander (Mandeville & Hussain (Univ Brunei))	The significance of some major strategic technology management issues in the electronics manufacturing sector of Malaysia during the 10 years of its economic development (1986-95)	PhD (remote)
Mr Paul Simshauser (Harrison & Docwra)	Generating capacity, pricing policy and market distortions in the competitive electricity environment	PhD
Mr Jungho Suh (Harrison & Tisdell)	A cost-benefit analysis of environmental recovery of a multiple-use national park: An application of choice modeling to the Muju Ski Resort Area in the Mt Togyu National Park in South Korea (<i>submitted March 2001</i>)	PhD
Ms Anna Straton (Brown, R. & Foster)	The economics of the provision of beach services	PhD
Mr Kiyoharu Takahashi (Mehta & Bodman)	Model analysis of the effect of technology transfer in less developing countries and mathematical models of economic growth	PhD
Ms Siew Yeap Teo (Leeves & Bodman)	Analysis of factors influencing the process of wage determination and earnings in Brunei	PhD
Mr Robert Tom (Mangan)	The economics of insolvency	PhD
Mr Bernard Trendle (West & Mangan)	An analysis of regional instability in Queensland using a multiregional econometric input-output model	PhD
Mr David Troedson (Harrison & Herbohn (JCU))	The economics of plantation biodiversity	PhD
Mr Gene Tunny (Riha & Foster)	Public sector growth in Australia: Causes and consequences	PhD
Ms Nerina Vecchio (Jackson, S. & Guest (Griffith))	Aging women and the paradox of wealth accumulation	PhD
Mr Tyron Venn (Harrison)	The potential for development of Aurukun Shire with socio-economically efficient native forest management	PhD
Dr David Wadley (Duhs & <i>Geographical Science 50%</i>)	A philosophy of planning and development	MEcon
Mr Dradjad Wibowo (Tisdell & <i>Mathematics 33.5%</i> ; Byron (Indonesia))	Deforestation and consumption: An application of stochastic differential equations to economics (<i>submitted August 1999</i>)	PhD
Mr Craig Windram (Harrison & Docwra)	Implications of proposed greenhouse gas emission reduction targets on the Australian coal mining industry	PhD
Ms Khin Zar Win-Htin (Makin & Stanford)	Exchange rates and inflation in ASEAN economics	PhD

Coursework Economic Projects & Theses Completed in 2000

In alphabetical order of students enrolled in 2000, by category of completed thesis.

Topic	Student (Supervisor)	Degree/ Award
ECC411 Honours Theses		
Completed BArts Hons thesis with the Government Department	Thulin, Mr J. (<i>Government</i>)	BArtsHons
Completed BArts Hons thesis with the French Department	Kingston, Mr N. (<i>French</i>)	BArtsHons
Youth unemployment in Australia with special reference to neighbourhood effects	Andrews, Mr D. (<i>Mangan</i>)	BEcon Honours
Towards an evolutionary theory of social capital	Bulman, Mr T. (<i>Potts</i>)	BEcon Honours
Defensive strategies in mergers and acquisition: An examination of interactions	Chan , Mr T. (<i>Brown, S.</i>)	BEcon Honours
Voluntary signals of inside managers	Gocic, Mr P. (<i>Stanford</i>)	BEcon Honours
Digital television policy: An evolutionary critique	Harvey, Mr E. (<i>Mandeville</i>)	BEcon Honours
The possibility of a Paretian liberal: An experiemtnal investigation	Keily, Mr T. (<i>Beard</i>)	BEcon Honours
Culture, economic development and the role of multi-criteria analysis	Labrooy, Mr T. (<i>Robinson</i>)	BEcon Honours
A bioeconomic study of the Macquarie Island Patagonian toothfish fishery	Langenkamp, Ms D. (<i>Campbell</i>)	BEcon Honours
Dynamic causal linkages and macroeconomic effects of exchange rate monetary policy in the Singaporean economy	Lee, Mr T. (<i>Bodman</i>)	BEcon Honours
Richman games with particular application to rent-seeking	Manlapig, Mr E. (<i>Beard</i>)	BEcon Honours
A structure-conduct-performance study of the Australian bank industry	Mcconnell, Mr P. (<i>Stanford</i>)	BEcon Honours
Foreign direct investment, technology transfer and economic growth: Time series evidence from Australia 1975-1997	McCormack, Mr D. (<i>Foster</i>)	BEcon Honours

Monetary policy in Australia	Milligan, Mr J. <i>(Bodman)</i>	BEcon Honours
The effect of group size on public good provision in a repeated game setting: An experimental study	Park, Ms A. <i>(Beard)</i>	BEcon Honours
North Korea: Making the transition from central planning to market	Park, Ms M. <i>(Chai)</i>	BEcon Honours
Nominal versus real: A cointegration analysis of the effects of wealth on consumption	Slater, Mr C. <i>(Making/Strong)</i>	BEcon Honours
Valuation of the quality characteristics of Australian fruit juices: A hedonic analysis	Weemaes, Mr H. <i>(Rietzmuller/S. Brown)</i>	BEcon Honours

EC859 Economic Projects

Spatial pricing structures for medical specialities in regional Queensland	Colby, Ms A. <i>(Doessel)</i>	PGDAE
Indonesia's monetary policy under the 1997-98 crisis: Causes and remedies	Budisantoso, Mr B. <i>(Dubs)</i>	MProfEcon
A study of uncertainty in public sector decision-making	Spiller, Mr D. <i>(Potts)</i>	MProfEcon
did not continued in 2000 - started in 1999	Hess, Mr C. <i>(Karunaratne)</i>	PGDipArts
The overall patterns of Australian trade and its effect upon socio-economic indicators	Campbell, Mr S. <i>(Roy)</i>	MProfEcon
Recovery from the financial crisis: A case study of Indonesia	Chen, Ms E. <i>(Karunaratne)</i>	MProfEcon
Union membership of part-time female employees in the banking industry	Cooper, Ms G. <i>(Jackson, S.)</i>	MProfEcon
Major US wheat support policies and the Uruguay agreement	Davie, Mr B. <i>(Strong)</i>	MProfEcon
Foreign direct investment in Laos	Phoummasack, Mr R. <i>(Roy)</i>	MIntEconFin
Malaysian economy: development, crisis and recovery - a review	Yap, Mr M. <i>(Roy)</i>	MProfEcon

EC899 Theses

A comparative study of meat consumption in two household types in Yogyakarta, Indonesia	Handoyo Mulyo, Mr J. <i>(Rietzmuller)</i>	MEconSt Thesis 8/00
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PhD and MEcon Degrees Awarded 2000

Topic	Student (Supervisor)	Degree/ Award
Modelling the economic impact of special events	Hunn, C., Mr C. (Mangan/Campbell)	PhD 4/00
Market efficiency, superannuation and funds management: An economic analysis of the performance and persistence of Australian superannuation fund managers	Drew, M., Mr M. (Stanford / Makin)	PhD 6/00
Valuing Australian state geological surveys: Quantitative analysis for strategic planning	Scott, M., Ms M. (Earth Science (65%) / R. Brown (35%))	PhD 7/00
Econometric analysis of supply response in the Australian wool industry under recent changing policies	Agbola, F, Mr F. (Harrison / Campbell)	PhD 8/00
An analysis of fee-for-service medical practice in Australia: Results for General Practitioner markets	Connelly, L., Mr L.S. (Doessel)	PhD 8/00
Estimation of drought mitigation effects within the cost-benefit analysis framework	Darlington, Mr B.J. (Brown, R. / Asafu-Adjaye)	MEcon (Research Masters)

PhD and MEcon Theses Awarded 1999

PhD and MEcon Theses Awarded 1999

Topic	Student (Supervisor)	Degree/ Award
Economic efficiency in the provision of local public goods	Worthington, Mr A.C. (Riha/Dollery)	PhD (03/99)
Development and implementation of a decision support system for sustainable catchment use	Qureshi, Mr M.E. (Harrison 30%/ Chem. Eng. 70%)	PhD (03/99)
Modelling and measuring the performance of the Australian waterfront: A case study of coal export terminals, 1989-1996	Millington, Mrs J. (Docwra/Knox-Lovell)	MEcon (03/99)
The role and usefulness of credit aggregates in monetary policy: Some econometric evidence from Australia 1960-1995	Khan, Mr A. (Stanford/Karunaratne/Docwra)	PhD (04/99)
Using multi-objective decision support systems to determine optimal management of irrigation areas for sustainable agriculture	Robinson, Ms J. (Brown/Asafu-Adjaye)	PhD (05/99)
Optimal exploitation of the western and central pacific tuna fishery	Hand, Mr A.J. (Campbell/Bodman)	PhD (5/99)
An empirical analysis of volatility in Australian capital market and investment management	Ghose, Mr A. (Stanford/Docwra)	PhD (8/99)
The economic impact of tourism on the state and regions of Queensland and the implications for regional tourism policy in Queensland	James, Mrs J. (Jensen/West)	PhD (8/99)
Tourism in regional economic development, conservation and decentralisation in China	Wen, Ms J. (Tisdell/Chai)	PhD (9/99)

Some factors influencing food consumption in selected Asian countries	Stroppiana, Ms R. <i>(Riethmuller/Chai)</i>	PhD (12/99)
Finance sector and payment system changes in the Queensland regional economies: An employment impact study 1985/86 to 1989/90	McPhee, Mr P. <i>(West/Jensen)</i>	MEcon (12/99)
Kant, Heidegger and modern economic thought: A critical analysis of the philosophical origins of neoclassical economics and four alternative schools	Allen, Mr S. <i>(Mangan)</i>	PhD (12/99)
The economics of imprisonment and offender supervision in Queensland: Costs and efficiency in the provision of corrective services	Edwards, Mr G. <i>(Tisdell/Alauddin)</i>	PhD (12/99)
Sustainable upland development in East Java: The contribution of conservation farming projects	Budi, Mr G. <i>(NRSM 60% / Harrison 40%)</i>	PhD (12/99)

Undergraduate & Postgraduate Subjects Offered

In 2000 students were enrolled in the following undergraduate and postgraduate subjects. Economics Department staff also lectured in a number of interdisciplinary subjects and subjects offered by other departments.

UNDERGRADUATE SUBJECTS

Level 1

Semester 1

- EC102 Introductory Economics
- EC104 Intro to Stats for Bus & Econ
- EC115 Australian Economic Institutions
- EC117 The Economics of Social Issues
- EC121 Introductory Microeconomics
- EC135 Quantitative Ec & Bus Analysis A

Semester 2

- EC113 Pol Econ & Comp Ec Systems
- EC121 Introductory Microeconomics
- EC122 Introductory Macroeconomics
- EC131 Introductory Mathematical Ec
- EC135 Quantitative Ec & Bus Analysis A
- EC136 Quantitative Ec & Bus Analysis B
- EC162 Economic History

Level 2

Semester 1

- EC211 Microeconomic Theory
- EC212 Macroeconomic Theory
- EC230 Introductory Econometrics
- EC233 Mathematical Economics
- EC264 Internat Ec 20th C
- EC281 Industrial Relations

Semester 2

- EC202 Management of Financial Insts
- EC214 Philosophy of Economic Thought
- EC221 Macroeconomic Policy
- EC231 Economic & Business Statistics
- EC235 Operations Research
- EC263 Ec Hist of Asian Economies
- EC265 App. Ec of Marketing & Distrib.
- EC271 Microeconomic Policy
- EC280 The Ec of Labour Markets
- EC282 Australian Industrial Relations

Level 3

Semester 1

- EC301 Monetary Economics
- EC313 Advanced Microeconomics
- EC321 Economic Development A
- EC323 Asian-Pacific Ec: Policy Issues
- EC331 Econometric Theory
- EC343 Public Finance
- EC352 International Trade Theory & Pol
- EC375 Managerial Economics
- EC378 Economics of Natural Resources
- EC381 Labour Economics

Semester 2

- EC302 Financial Markets & Institutions
- EC314 Advanced Macroeconomics
- EC324 Ind Org & Pol in Asia & Pacific
- EC330 Applied Econometrics
- EC337 Advanced Mathematical Econ
- EC350 Ec of Communication Tech
- EC351 International Macroeconomics
- EC366 Australian Economic History
- EC370 Regulatory Economics
- EC373 Industrial Economics
- EC374 Communication Tech & Info Ec
- EC376 Environmental Economics
- EC379 Intro to Env. Econ for Engineers
- EC393 Regional & Urban Economics

HONOURS SUBJECTS

Semester 1

EC401	Advanced Monetary Economics
EC411	Honours Thesis (Economics)
EC412	Senior Forum
EC413	Microeconomic Theory
EC414	Macroeconomic Theory
EC416	Economic Development
EC417	International Economics
EC418	Industrial Economics
EC423	Special Unit
EC443	Economic Statistics
EC444	Econometrics
EC445	Operations Research

Semester 2

EC411	Honours Thesis (Economics)
EC415	Public Finance
EC422	Mathematical Economics
EC423	Special Unit
EC428	Ecological and Environ Econ
EC430	Adv Topics in Aust Ec. History

Summer Semester

EC122	Introductory Macroeconomics
EC136	Quantitative Ec. & Bus. Analysis B
EC834	Statistics for Business & Econ
EC865	Microeconomics for Managers
EC866	Macroeconomics for Managers

POSTGRADUATE SUBJECTS

Semester 1

EC735	Econ Inform & Decision Models A
EC834	Statistics for Business & Econ
EC840	Microeconomic Analysis
EC842	Macroeconomic Analysis
EC843	Elements of Econometrics
EC844	Economic Development I
EC845	International Monetary Economics
EC847	International Industrial Econ I
EC853	Regional & Urban Economics
EC854	Special Unit
EC855	Senior Forum
EC857	Health Econ for Administrators
EC859	Economic Project
EC860	Adv. Applied Econometrics
EC865	Microeconomics for Managers
EC866	Macroeconomics for Managers
EC868	Economics for Managers
EC869	Research Report
EC873	Econ of Growth & Development
EC877	Social Choice, Ec Change & Planning
EC878	Natural Resource Economics
EC883	Economic Development II
EC899	Thesis (#20)

Semester 2

EC736	Econ Inform & Decision Models B
EC802	Econ of Financial Markets
EC830	Economic History
EC834	Statistics for Business & Econ
EC846	Competition & Regulation Policy
EC850	Govt. Expenditure & Taxation Policy
EC855	Senior Forum
EC856	Ecol & Environ Econ: Issues
EC859	Economic Project (#20)
EC865	Microeconomics for Managers
EC866	Macroeconomics for Managers
EC869	Research Report
EC871	International Trade & Investment
EC872	Information Economics
EC874	Benefit/Cost Analysis & Proj. Eval. A
EC875	Benefit/Cost Analysis & Proj. Eval. B
EC876	Advanced Managerial Economics
EC879	Economic Insts Policy Formation
EC899	Thesis #20

Public Relations, Community Interaction & Service and Media Appearances

The following should be regarded as a sample only of staff members' activities such as radio-television interviews, articles prepared for and research quoted in articles in newspapers and other media. Other items, publication relations, community interaction and service area are also included.

The Department was also involved in a number of Symposia and Conferences in 2000 which are listed last.

Mohammad Alauddin

- visited Bangladesh and Malaysia in January on field visits for review of policy research and impact assessment program (PRIAP) of the International Centre for Live Aquatic Resource Management.

Phil Bodman

- reviewed a paper 'Consumer Sentiment and Australian Consumer Spending' for *The Economic Record*, in January 2001.
- acted as an external examiner for a PhD thesis out of the School of Economics, UNSW.

Richard Brown

- attended the WWF Workshop on application of economics to coral reef valuation and management, World Wildlife Fund, Bali, Indonesia in December.
- participated in scholarship interviews on behalf of the Department of Economics, under our International Scholarships for Malaysian Students program, in January 2001.
- attended KL, Malaysia at an IDP Malaysian exhibition in February to interview candidates for economics scholarships for 2001 and 2002.
- awarded a UQ Incentive Grant (\$2,000) to prepare an ARC/SPIRT grant proposal with the Great Barrier Reef Marine Park Authority, Townsville.

- with **Sukhan Jackson** attended the IDP "Education in Australia 2000 Exhibition" in Kuala Lumpur, 4-5 March to promote the Department's undergraduate and postgraduate courses. They also visited a number of colleges and other educational agencies, including IDP, the HELP Institute, and Taylor's College to discuss possible collaboration in the promotion of our teaching courses in Malaysia.
- with **Amy Lindley** represented the Department at the Brisbane Boys College 2000 Careers Expo – themed 'Pathways to the Future', on the evening of Tuesday 16 May – promoting The University of Queensland, UQ Business School and Department of Economics and its programs to assist students on subject choices and decision making on tertiary courses for the year 2001. The evening was a success.

Joseph Chai

- undertook a one-week field work trip to Shanghai and Beijing during 11-20/12/99 for IDP Large Research Grant project entitled "Globalization, Trade and Sustainable Development: Implications for China and WTO"
- and **Rowena Lawson** attended the Diploma to Degree Interview Program organised by IDP and held in Hong Kong on 18-19 March. Joseph also visited selected universities and technical colleges in Hong Kong on 20 March to market MIEF program and Diploma to Degree conversion program.

Alan Duhs

- commented on ABC national radio on 2/12/99 re the WTO and developing country attitudes to tariff negotiations.

Steve Harrison

- visited the Philippines in January conducting fieldwork, attending the initial planning workshop and visiting case study field sites for an ACIAR forestry project.

Sukhan Jackson

- visited China in February, conducting fieldwork research for her ARC large grant.
- reviewed manuscript of the book titled *Industrial Relations: A Contemporary Analysis* by S. Deery, D. Plowman, J. Walsh and Brown for McGraw-Hill Australia.

Neil Karunaratne

- examined two Masters theses entitled "Behind The East Asian Crisis", Faculty of Business and Economics, University of Monash and "Trade Liberalisation, Technical Progress and Income Distribution: A Theoretic Approach", Deakin University.

Reunka Mahadevan

- and **Sam Strong** attended at the Austrade Exhibition in Singapore, an annual event organised by IDP on 17-19 March. They also visited IDP Singapore Office, various Polytechnic/Universities, Singapore Universities, the British University Fair to promote our teaching courses in Singapore.

Tony Makin

- refereed a paper for Policy in December.
- interviewed by ABC radio about the prospects of a recession on 6 December.
- interviewed by ABC radio about monetary policy on 8 February.
- *The Australian Financial Review* published an op ed article by Tony entitled "The Downside of Depreciation" on 28/12/00.

- invited participant at a Forum on Federalism convened by the Constitutional Centenary Foundation and held in the Senate Chamber of Old Parliament House, Canberra, 19-20 October. Participants at the forum were drawn from a wide range of organisations throughout Australia, including federal, state and local governments, universities, the judiciary, churches, the media and other business and community groups.
- briefed a visiting academic from the Copenhagen Business School, Denmark, on the department's degree programs in November.
- examined a Masters thesis in international monetary economics for Griffith University in December.;
- reviewed a paper for the Journal of Money, Credit and Banking in December.; and
- comments on economic policy options for the Queensland power industry reported in the Courier Mail on 8/1/00.
- comments on the economy-wide effects of the 'Buy Australian' campaign reported in The Courier Mail on 3/3/00 and The Sunday Times (WA) on 19/3/00.
- invited commentary article on monetary policy published in The Courier Mail on 6/4/00.
- article on saving published in the Journal of Banking and Financial Services and the article has been selected for posting on the international website of the International Union for Housing Finance, a Chicago-based professional association, whose members are the CEO's of banks and building societies in 63 countries.
- comments on the monetary policy implications of the 'crash.com' reported in The Courier Mail on 18/4/00.
- reviewed a paper for The International Trade Journal in June.
- assessed 2 ARC Large Grant applications in June.
- comments on international financial mergers and acquisitions reported in The Australian 18/5/00.
- comments on global stock-market mergers were reported in The Courier Mail on 6/5.

John Mangan

- **Mirko Draca, Gene Tunny and Astrid Loon** and DETIR personnel were chosen as part of a new research unit to address unemployment. Employment Taskforce's new Labour Market Research Unit which runs in partnership with The University of Queensland's Centre for Economic Policy Modelling with leadership provided by Professor John Mangan – will play a major role in helping DETIR, Workforce Strategy, Employment Taskforce to develop policies and programs that effectively address unemployment and other labour market issues.

Jon Stanford

- attended the December meeting of the Editorial Board of JASSA, the journal of the Securities Institute of Australia. Jon was appointed a member of the subcommittee of the Editorial Board to determine the award of best article for JASSA in 2000.
- interviewed on the Current State of the economy and prospects of an Increase in Interest rates by *ABC Regional Radio* on 6 November.
- also interviewed on *ABC Regional Radio* on 29 January on the Queensland Economy.
- article on spending proposals in the State election entitled "Spending Spree appears to add up for Coalition" published in *The Courier-Mail* on 31 January 2001.
- acted as a referee for *The Economic Record* and Thomas Nelson publishers and as Chair of the Economics Alumni Association's Globalisation Forum on 5 May 2000.
- attended Papua New Guinea on 28 May–2 June and 16-26 June conducting fieldwork through Uniquist Project.

Clem Tisdell

- appointed as a reviewer of projects for the Swiss National Science Foundation for its National Research Programme involving "Landscapes and Habitats of the Alps".
- completed examination of PhD theses for Mysore University and The University of Queensland.

- reviewed research papers for *Australian Economics Papers*; *Ecological Economics*; and *Environment & Development Economics*.
- and **Joseph Chai**, while in Beijing, visited various government officials, universities and industrial enterprises and participated in a series of research meeting with Chinese co-researchers from China's University of International Business and Economics ; State Environmental Protection Agency and Ministry of Foreign Trade and Economic Cooperation.
- visited Beijing to advance the research project sponsored by IDP Education Australia being jointly undertaken with The University of International Business and Economics (Beijing);
- lectured at UIBE on the subject of free trade, WTO and the environment, the lecture was very well attended.
- **Clevo Wilson** and **Dayuan Xue** visited Mon Repos Turtle Rookery near Bundaberg, in November 1999, in connection with a project studying sea turtles and ecotourism. The purpose was to follow up a pilot survey. Interviews were held with staff of the Queensland Parks and Wildlife Service, representatives of the Burnett Shire Council (including a councilor) and administrators of regional tourism bodies. This project is being partly funded by the CRC for Sustainable Tourism.
- visited the Naba Krushna Centre for Development Studies (a research centre of the Indian Council for Social Science Research) in Orissa to discuss possibilities for research cooperation in relation to social economics and policy;
- visited eastern India, in connection with the joint large ARC research project on asset-poor rural women.
- with **Kartik Roy**, conducted fieldwork in the Phulbani area (Orissa) and in the Midnapore area (West Bengal).
- recently reviewed Research Papers for:
 - Journal of Sustainable Tourism
 - Marine and Freshwater Research Ecological Economics
- was interviewed by ABC, Bundaberg, regarding sea turtles and ecotourism at Mon Repos Beach.

- acted as PhD Examiner for the following universities in areas shown in square brackets:
 - Calcutta University (India) [Economics]
 - Jadavpur University (India) [Economics]
 - Otago University (NZ) [Economics]
 - Queensland University [Tourism]
- provided advice to Sha Jahal Technological University, Bangladesh on professorial appointments.
- provided referee's reports for Ecological Economics Journal of Cross-Cultural Studies.
- reviewed an article for Environmental Development Economics.
- appointed to the Editorial Board of the new International Journal of Agricultural Resources, Governance and Ecology (IJARGE), published by Inderscience Enterprises, Switzerland.
- interviewed for QUT Radio News on 12 May about China's entry to WTO.
- appointed Expert Member of the Selection Board for the appointment of Professors and Associate Professors of Shahjahal University of Science and Technology, Sylhet, Bangladesh.
- appointed to the Scientific Committee of the "Review" of the Institute of Economics, the University of Tuscia, Italy.
- appointed Visiting Fellowship, Centre for Economic and Social Studies and Research (Centre d'Etudes et de Recherches Economique et Sociales) The University of La Reunion, May 2000.
- awarded a French Government Scientific Fellowship jointly by the French Ministry of Foreign Affairs and the French Ministry of Research and Technology for research cooperation with CERESUR, University of La Reunion, France in May 2000.
- invited by Professor Giancarlo Barbiroli of Bologna University, Italy to contribute an article on "Sustainable Development of Human Resource Capital" to the UNESCO project involving the production of The Encyclopedia of Life Support Systems.
- **Joseph Chai** and **Dayuan Xue** From 4-9th June hosted a visit by senior Chinese research/government officials and held working meetings in relation to the AusAID-funded project "Globalisation, Environment and Sustainable Development in the Context of China's Entry to WTO". This is a joint project with the University of International Business and Economics, Beijing, and is designed to provide policy advice to MOFTEC (The Chinese Ministry of Foreign Trade and Economic Cooperation) as well as research results of academic value.

Departmental Symposia and Lectures

The Department of Economics was involved in the organisation and sponsorship of a number of Symposia and Lectures held in Brisbane in 1999.

The Tenth Colin Clark Memorial Lecture

In conjunction with Queensland Treasury, UQ Economics Alumni and the Economics Society of Australia (Qld) Inc, the Department hosted the Tenth Colin Clark Memorial Lecture at The University of Queensland Staff and Graduates Club on Friday 19 May 2000, which was attended by over 90 guests. The title of the lecture was “Labour and the New Economy: Show Me The Money, Show Me The Jobs”.

Professor Bob Gregory, Research School of Social Sciences, Australian National University presented the lecture.

UQ/QETA Economics Forum

On 30 May 2000 the Department of Economics, in conjunction with the Queensland Economics Teachers Association, hosted the annual UQ/QETA Economics Students’ Conference. This is a half-day conference, held annually, and attended by high school economics students from various high schools in the Brisbane metropolitan area and surrounds. Several

members of staff presented short papers to the students on various topics of relevance to their curriculum. This year’s conference was attended by 450 high school economics students and 23 economics teachers.

EC122 Student and Staff Public Forum

On 23.8.00 the Department hosted an EC122 Student and Staff Public Forum in Mayne Hall at The University of Queensland. A panel of prominent Australian economists were invited to discuss and debate the topic of “The Macroeconomic Implications of Immigration in Australia”. The speakers were Dr Clive Hamilton, Director, The Australian Institute, Canberra; Professor P.N. (Raja) Junankar, Department of Economics and Finance, University of Western Sydney (Macarthur); and Professor Judith Sloan, Commission of the Productivity Commission, Melbourne and Director of Mayne Nickless Ltd., Santos Ltd., SGIO Insurance Ltd and Chair of SGIC Holdings Ltd. The Chairperson was A/Prof Richard Brown from the Department.

Consultancy Services

The Department of Economics has developed specialisations in several fields of applied economics including project evaluation and cost benefit analysis, transport economics, public finance, regional and urban studies, applied econometric analysis and economic model building. Other areas of interest to the Department include development economics, natural resource utilisation, environmental economics, science and technology policies, information economics research, macroeconomics and monetary economics.

CONSULTING SERVICES:

- cost-benefit analysis
- development economics in the Third World - Asian Pacific Economics
- economic analysis of Queensland economy and Queensland economic policy
- economic evaluation studies
- economic impact analysis at state and regional level
- economic modelling and testing
- economics of tourism
- environmental and geological economics
- general microeconomic analysis
- health services research
- industry studies
- information economics and economics of technological change
- input-output impact studies
- labour economics
- local government economic planning
- macroeconomic forecasting
- managerial economics
- natural resource and environmental economics including marine resource economics and aquaculture
- natural resource economics
- regional and urban economic planning and policy issues
- science technology and information policy
- statistical package instruction