Annual Report 1987

Research School of Social Sciences • The Australian National University
Research School of Social Sciences
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Symbols  In this report the following symbols are used to indicate that
named individuals are not members of staff of specific areas.
1  Not a member of this University
2  Former member or former visitor of the Department/group
3  Member or visitor of another Department/group in the School
4  Member of another part of this University
5  Student in the Department/group
6  Former member of this University

Cover Illustration: Ingrid Slamer
Wrought iron screens at front entrance to H.C. Coombs Building.
Designed by Matcham Skipper, a member of The Eltham Group.
Screens erected in 1971.
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Introduction

History
The Australian National University was established in 1946 as the only full-time research university in Australia. Teaching faculties were added in 1960 through amalgamation with the Canberra University College.

Since then the University has operated with two distinct but interrelated parts: the seven research schools, which form the Institute of Advanced Studies, and the five teaching faculties which form The Faculties. The Institute of Advanced Studies consists of the four original schools established in 1946, including the Research School of Social Sciences, and three added since. The original schools were the Research Schools of Pacific Studies, Physical Sciences, Social Sciences and the John Curtin School of Medical Research. The Research Schools of Biological Sciences and Chemistry were added in 1967 and Earth Sciences in 1973.

The formal establishment of the School preceded the appointment of its first Director. Professor G. Sawer, Professor of Law was Dean of the School for its first seven years. In 1956 Professor Sir Keith Hancock was appointed as the first Director of the School and Professor of History. He was succeeded by Professor P.H. Partridge, Professor of Social Philosophy (1961–68), Professor W.D. Borrie, Professor of Demography (1968–73), Professor Sawer as Acting Director (1973–74), Professor A.J. Youngson (1973–80), and Professor G.M. Neutze, Professor of Urban Research (1980–85). Professor P.F. Bourke became Director and Professor of History in 1985.

Research Programs
The Research School of Social Sciences aims to increase understanding of social, political and economic phenomena through research in selected areas of the social sciences. The earliest departments in the School were Economics, Law, History, Demography, Political Science, Social Philosophy and Statistics and appointments to these had been made by the end of 1952. Sociology was established in the early 1960s, and was the last departmental venture after the separation of Economic History from Economics in the late 1950s. An explicit commitment to multi-disciplinary research was made in the mid-1960s with the establishment of research units in the fields of the History of Ideas, Urban Research and Education Research (the latter has since been discontinued).

Centres and Projects
The first half of the 1980s saw the School experiment successfully with a new form of research organisation: the research project. The completion or near completion in the mid-1980s of several of these, which were on a three-to-five year basis, provided an opportunity to assess the results of this activity.
Projects were established in the areas of The Public and the Private in Social Life, Social Justice, the Law and Politics of Industrial Relations, Ageing and the Family, Automated Reasoning and the Australian Family. Each project, under the leadership of a tenured member of staff, brought to the School non-tenured staff to work on important areas in the social sciences.

Over the years the School has also established special-purpose research centres. These include the Australian Dictionary of Biography, the Bicentennial History Project and the National Social Science Survey. In these cases the initiative and organisation has come wholly or largely from the School but contributors also come from other universities and elsewhere in Australia. Research resources available to social scientists in Australia have been considerably supplemented by the establishment in the School of the Archives of Business and Labour and the Social Science Data Archives, both of which hold raw materials used in research. Individual departments also have devoted resources to provide research materials for Australian social sciences. Examples are the electoral statistics published by the Department of Political Science and the data banks maintained by the Departments of Demography and Economic History.

Service to Outside Organisations
An improved understanding of the nature of social change is the core objective of the School. This concern means that members of the School may gain valuable insights into the issues that affect those in Government responsible for making policy. This part of its work enhances the School's contribution to the University's obligations under its Act to study subjects of national importance. Members of the School are frequently requested to carry out studies for government authorities and to serve as members of government committees.

A list showing service to organisations outside the University is elsewhere in the Report.

Visitors Program
The Research School has an active program of encouraging visiting fellows from Australia and overseas to enable them to undertake full-time research in collaboration with the staff of the School and other parts of the University. Visiting fellows make an important contribution to the School through the research they carry out and through the new perspectives they bring. In recent years the number of visitors has increased significantly. Visitors coming to the School for relatively long periods on secondment from public service positions have also contributed to the research of the School and benefitted from their experience in a research environment.
Graduate Training
The Australian National University Act of 1946 stated that one of the principle functions of the University should be 'to encourage, and provide facilities for postgraduate research and study, both generally and in relation to subjects of national importance to Australia'. Research students are essential to the life of the School. These students are honours first degree holders and are enrolled for a doctor of philosophy degree by research and thesis under the supervision of a member of the academic staff. Doctoral students typically hold a three year scholarship funded by the Research School or the Commonwealth Government.

In addition, the Department of Demography contributes substantially to the Graduate Program in Demography in the National Centre for Development Studies which trains students, mostly from third world countries, in demographic aspects of economic and social change and related policies.

Outside Grants
The School has actively sought external resources in addition to those available from the recurrent grant to the University. Members of the School are ineligible for grants under the Australian Research Grants Scheme but they have been successful in obtaining support from a wide range of external bodies.
Director's Report
Professor Paul Bourke

The most significant matter confronting the School during 1987 was the preparation for the School Review to be held in August 1988. It will be for a later report to account fully for the Review but it loomed so large in 1987 that some reference is needed here.

The Faculty agreed early in 1987 to launch a series of seminars in which each department and unit in the School would undertake an evaluation of its work during the preceding decade and a projection of future goals. The seminar series began in July and eleven reports from departments and units were received at well-attended meetings between July and October. Each presentation addressed common issues, for example, identification of the most significant works produced in the preceding decade, and the text of the presentations was preserved for inclusion in the School's submission to the Review to be held in 1988. I believe that this series of discussions, regardless of the outcome of the Review, served a valuable purpose in improving the level of common understanding of the total effort of the School and in planning future developments.

At the same time as the School began the process of preparing for the 1988 Review 1987 also saw a continued flow of major appointments in the School. Professor P.D. Finn and Dr J.B. Braithwaite were appointed to lead the rebuilding of the Department of Law, noted in the Annual Report for 1986, and Professor R.G. Gregory took up appointment to the Chair of Economics. Dr J.D. Ritchie was appointed General Editor of
the Australian Dictionary of Biography, following the retirement of Dr A.G. Serle (see Retirements); Professor C. Walsh was appointed as Director of the Centre for Research in Federal Financial Relations and Professor G. Brennan joined the School from The Faculties on secondment. Professor T.H. Rigby was one of six appointees to special chairs in the Institute.

The combination of preparation for a Review and the making of new appointments served to focus sharply the transitional period through which the School was passing. Each of these appointments has brought to the School outstanding scholars in the relevant areas but it has also provided an opportunity for close scrutiny of the direction of the fields in which these scholars will work.

School Administration
In addition to the usual flow of activities, the preparation for the Review required in 1987 a substantial involvement from the staff of the School Secretary's office, especially Mr Marshall, Ms Antoniak, Ms Sholl, and the Director's Research Assistant, Ms Firth. The Business Manager and his staff provided the high level of support and advice which the School requires. I should also like to remark particularly on the assistance to the Director provided by Ms Savory in 1987. I have come to rely very heavily on the enthusiasm and support of all these colleagues.

Research
The School exists to produce research of the highest quality in major areas of the social sciences. To note only a few examples, 1987 saw the appearance of the first volume of Professor O. MacDonagh's projected two volume life of Daniel O'Connell, Dr I. McCalman's Radical Underworld, Professor F.C. Jackson's Conditionals, the final eight volumes in the major Bicentennial series Australians, the ADB Biographical Register edited by Ms A.G. Smith and Mr J. Gibbney, The Demographic Dimensions of Indonesian Development in which Dr T. Hull and Dr G. Jones from Demography, RSSS, were two of the four authors, and Professor E. Kamenka's Utopias. There continued the usual stream of contributions to major journals in all fields and a substantial number of edited volumes. These publications may be inspected in detail elsewhere in this report.
Retirement — 1987

Dr A.G. Serle

Alan Geoffrey Serle, AO, FAHA, FRHSV, FASSA

Geoffrey Serle became General Editor of the Australian dictionary of biography, jointly with Bede Nairn, in 1975. He was appointed to the RSSS at the ANU as a Professorial Fellow on a half-time basis, while concurrently Reader in History at Monash University. Upon Nairn’s retirement in 1984, Serle continued as sole General Editor, moving to full time at ANU. As General Editor he has been responsible for the publication of volumes 7 to 11 of the Dictionary, after having been a Section Editor for volumes 3 to 6. He retired from the ANU in December 1987, but will serve as a consultant to the Dictionary from January to May 1988.

Dr Serle’s other publications include The Melbourne scene (1957), The golden age (1963), The rush to be rich (1971), From deserts the prophets come (1973) which was revised and republished in 1987 as The creative spirit in Australia, and John Monash (1982). The last book has won, among other prizes, the Age book of the year award, the National Book Council award, and, as with two of his earlier books, the Ernest Scott prize. He has published articles in Historical Studies, the Victorian Historical Magazine and Meanjin (a journal with which he has long been associated).

Following service in the AIF from 1942 to 1944, he was Victorian Rhodes scholar for 1947. He held teaching positions in the History Department at the University of Melbourne and edited Historical Studies, Australia and New Zealand, before moving to Monash University in 1963. In 1986 he was appointed an Officer of the Order of Australia for services to scholarship and literature, particularly in the field of Australian History.

As a young man he played cricket and hockey (for which he won a University Blue) and competed in athletics; his present interests include politics, football and golf. Since his undergraduate days he has been a powerful but unostentatious promoter of Australian painting and new writing. For more than three decades Geoffrey Serle has been at the forefront of the historical profession in Australia.
Outside Grants 1987

$2,400  Australian Parliamentary Joint Committee on the Australian Capital Territory
Professor M. Neutze, Urban Research Unit. Towards the study of the leasehold system.

$5,000  Australian Vice-Chancellor's Committee
Dr P.G. Sack, Department of Law. To support the visit in 1988 of Professor Upendra Baxi, University of Delhi.

$515,610  Commonwealth Tertiary Education Commission
Professor Sir Bruce Williams. To support three evaluative studies; 1. Discipline Assessment of Engineering; 2. The Impact of Technological Change on Higher Education 1988–90; 3. The Provision of Engineering Education in the ACT.

$10,000  Dalgety Farmers Ltd
Towards a program of document conservation in the Archives of Business and Labour.

$5,000  Department of Community Development, Northern Territory
Mr N.A. Khalidi, Department of Demography. To support a demographic study of the Aboriginal population in Alice Springs.

$20,936  Department of Employment and Industrial Relations
Dr A.N. Gray, Department of Demography. Grant within the Training for Aboriginals Program (TAP) for the employment of a research assistant for one year in the Aboriginal Family Demography Study.

$20,000  Department of Employment and Industrial Relations
Dr C.M. Young, Department of Demography. Grant within the Women's Research and Employment Initiatives Program for work on the life-cycle patterns of female labour force participation.

$8,000  Economic Planning Advisory Council

$2,000  International Development Program
Dr G.W. Jones, Department of Demography. An incentive grant in recognition of Dr Jones' contribution to the Program.
$1,500  Planning Commission of Western Australia  Professor M. Neutze, Urban Research Unit. Consultancy fee as Chairman of the Review of the Regional Scheme and Corridor Plan.

$10,000  Tooth and Co. Ltd  Support towards a program of document conservation in the Archives of Business and Labour.

US$32,300  The Ford Foundation, New Delhi  Professor J.C. Caldwell, Department of Demography. Support over three years for research collaboration and training of Ms Sudharma Priyadharshani Hettiarchchige.

US$1,800  The Rockefeller Foundation  Dr K.N.S. Yadava, Department of Demography. To meet typing and word processing expenses.

US$24,000  The Rockefeller Foundation  Professor J.C. Caldwell, Department of Demography. To support a study on population change among the ‘Indian’ Tamils of Sri Lanka.

US$85,350  The Rockefeller Foundation  Professor J.C. Caldwell, Department of Demography. To explore the potential for the creation of a new social science subfield, health transition in the third world.
Service to Outside Organisations

Professor D.A. Aitkin, chairman, Australian Research Grants Committee; member, National Research Fellowships Advisory Committee; member, Australian Science and Technology Council; treasurer, Australasian Political Studies Association; member, Executive Committee of the Asian-Pacific Political Science Association; member, editorial board of Electoral Studies (UK), Politics and Legislative Studies and of Australian Electoral Committee of Encyclopaedia Britannica.

Dr D.S. Anderson, chairman, Committee to Review Post-Secondary Education in Victoria; chairman, ACT Schools Authority (until September); author, Report to CTEC Review of Medical Education.

Dr G. Bammer, consultant, Department of Territories Review of Policy Objectives for Workers Compensation in the ACT.

Dr J.B. Braithwaite, member, Economic Planning Advisory Council; part-time Commissioner, Trade Practices Commission; chairman, Social Policy Committee of the Alcohol and Drug Foundation; member, Advisory Committee, Institute of Criminology, University of Sydney Law School; member, New South Wales Police Education and Training Advisory Council; member, Editorial Advisory Board of Law and Policy.


Mr F.G. Castles, chaired and organised, international conference on The Comparative History of Public Policy, University of Mannheim, West Germany.

Dr B.J. Chapman, member, Pharmaceutical Pricing Bureau Committee; research associate, National Institute of Labour Studies; consultant, Minister, Department of Employment, Education and Training; consultant, Australian Institute of Family Studies; consultant, Office of the Economic Planning and Advisory Council (EPAC); consultant, Department of Law, University of Adelaide.

Dr C. Cunneen, member, Council of National Trust of Australia, ACT; member, steering committee, the Great Search, Canberra and District Historical Society.

Dr D.J. Daley, member, Technical Advisory Committee, ACT Schools Authority; consultant, Australian Council of Educational Research and Canberra College of Advanced Education; treasurer, Statistical Society of Australia.
Dr D.S. Dowrick, consultant, Office of the Economic Planning and Advisory Council (EPAC) on labour market trends.

Dr J.J. Eddy, official consultant, Canadian Studies Enrichment Scheme for Canadian Government; official consultant, Departments of Education and Foreign Affairs for Australian Studies in Japan Scheme.

Dr M.D.R. Evans, participant, Workshop on Social Mobility and Immigration Office of Multicultural Affairs.

Dr A.N. Gray, consultant, Australian Institute of Health on Aboriginal health statistics; consultant, co-operative project with Australian Bureau of Statistics on demographic characteristics of the Aboriginal population as measured by the 1986 Census; consultant, study of Aboriginal morality in New South Wales for the National Centre for Epidemiology and Population Health in conjunction with the New South Wales Department of Health.

Professor R.G. Gregory, member, Board of the Reserve Bank of Australia, Australian Council of Employment and Training, Australian Science and Technology Council, Commonwealth Committee on Higher Education Funding; consultant, Office of Economic Planning and Advisory Council (EPAC) on labour market trends; convenor, with Dr R.M. Simes, of the Economic Society of Australia (Canberra Branch) of the Senior Economists’ Seminar, on ‘Developments in Economic Analysis: Regulation, Public Sector Efficiency and International Trade’.

Mrs H.M. Griffin, member, Immigration Review Panel.

Emeritus Professor F.H. Gruen, chairman, Indicative Planning Council of the Housing Industry; chairman, Education Council of the ACT; chairman, Review Committee of the Social Welfare Research Centre of the University of New South Wales; external assessor, Department of Economics, University of Western Australia and of the Bureau of Transport Economics.

Dr K. Haakonsson, co-editorial work, one volume Princeton Edition of David Hume; supplementary volume to the Glasgow Edition of Adam Smith; member, editorial committee, Thomas Reid Publication Project, University of New Brunswick.

Mr B.D. Haig, consultant, Office of the Economic Planning and Advisory Council (EPAC) on comparative productivity of industries in Australia, Britain and France.

Dr P.G. Hall, member, Division of Mathematics and Statistics Advisory Committee, CSIRO; member, Committee on Fellows, Institute of Mathematical Statistics.

Dr C. Hazlehurst, with Ms M. Kerley, historical consultant, Australian Bureau of Statistics.

Professor C.C. Heyde, member, Council of Australian Academy of Science; chairman/member, School Mathematics Advisory Committee, Australian Academy of Science; member, Governing Board, Australian

**Dr T.H. Hull**, consultant, UNFPA for Basic Needs Assessment Mission to Vietnam and Project Design Mission also project review to China; participant in International Women’s Health Coalition Project on quality reproductive health care in Indonesia.

**Professor F.L. Jones**, research adviser, Australian Diabetes Foundation.

**Dr G.W. Jones**, consultant, Ministry of Population and Environment, Jakarta; consultant, Economic Planning Unit, Prime Minister’s Department, Malaysia; consultant, National Economic and Social Development Board, Bangkok, Thailand; member, Executive Committee, Academy of Social Sciences in Australia; chairman, Committee on Economic Consequences of Alternative Demographic Patterns, International Union for the Scientific Study of Population.

**Dr R.G. Jones**, member, Australian Longitudinal Survey Tender Evaluation Panel, Department of Employment, Education and Training; consultant, Office of Multicultural Affairs; secretary-treasurer, Australian Consortium for Social and Political Research Incorporated (ACSPRI); program director, ACSPRI Summer Program in Quantitative Social Science Methods.

**Professor E. Kamenka**, chairman, John James Memorial Hospital Ethics Committee for the In Vitro Fertilisation Program.

**Dr J.L. Kelley**, research adviser, Commonwealth Tertiary Education Commission; research adviser, Australian Development Assistance Bureau.

**Dr H.L. Kendig**, chairman, Social Research and Planning Committee, International Association of Gerontology, Asia/Oceania Region; chairman, Housing Committee, member, Policy Priorities and Review Committee and member at large, Australian Council on the Ageing; vice-chairman, ACT Council on the Ageing; consultant, Department of Community Services and Health; consultant, Global Program for Health
of the Elderly, World Health Organization; consultant, Australian Non-Government Committee for the International Year of Shelter for the Homeless.

**Dr S-E. Khoo**, consultant, Commonwealth Department of Health, Committee of Inquiry into Medical Education and the Medical Workforce.

**Dr C.J. Lloyd**, member, Australia-China Council; member, Prime Minister's Merit Panel on Appointment of Government Staff and Consultants.

**Dr D.W. Lucas**, discussant, Department of Immigration and Australian Academy of the Social Sciences concerning research on Pacific Islanders in Australia.

**Dr J. McCallum**, chairman, National Catholic Research Council; member, Income Policy Committee of the Australian Council on the Ageing.

**Professor O.O.G. MacDonagh**, official consultant, Department of Education, on the award of the Irish Government's Bicentennial Visiting Scholarship.


**Dr M.A. McRobbie**, member, Australian International Joint Conference on Artificial Intelligence Working Group, Department of Science; member, Program Committee, 9th International Conference on Automated Deduction; member, editorial board, *Journal of Automated Reasoning*; member, Communications and Computing Committee, Bond University; member, Promotions Committee, Macquarie University.

**Dr A.W. Martin**, member, editorial board, *Documents on Australian Foreign Policy*, Department of Foreign Affairs and Trade.

**Ms M. May**, critic, Tasmanian Schools' Board Matriculation examination in Indonesian.

**Dr P.A. Meyer**, member, Design Team for the International Development Program's Eastern Indonesian Universities Project.

**Dr R.E. Miles**, president, International Society for Stereology.

**Mr J. Miller**, discussant, American Committee for US–Soviet Relations Conference on *The Gorbachev Initiatives*.

**Dr P.W. Miller**, consultant, Bureau of Labour Market Research, Institute of Multicultural Affairs, Department of Employment and Industrial Relations.

**Dr R.F. Miller**, consultant, Department of Foreign Affairs and ONA on recent developments in USSR; consultant, Prime Minister in preparation for his trip to USSR; organiser, Bicentenary Symposium on Yugoslav Migrants in Australia in conjunction with Office of Multi-Cultural Affairs, Department of Prime Minister and Cabinet.
Emeritus Professor D.J. Mulvaney, chairman, ACT Heritage Committee; lecturer, Foreign Service Training Course, Department of Foreign Affairs and Trade; judge, Environment Category, the Bicentennial BHP Awards for the Pursuit of Excellence.

Professor G.M. Neutze, member, Australian Research Grants Committee and chairman of its Social Sciences sub-committee; chairman, Review Panel for the Review of the Corridor Plan and Metropolitan Regional Scheme for Perth; author, report, Joint Parliamentary Committee on ACT leasehold system of land tenure in Canberra; member, Australian Statistics Advisory Council; member, Steering Committee, Strategy Plan, Latrobe Regional Commission; chairman, working group to formulate a research proposal on non-metropolitan land use for the Consultative Committee of the Australian Academies; chairman, Committee to Review the Faculty of Architecture, University of New South Wales.

Dr D.T. Nguyen, consultant, Office of the Economic Planning and Advisory Council (EPAC) on fiscal policy and the current account and on recent trends in OECD domestic savings; consultant, Australian International Development Assistance Bureau on the Papua New Guinea economy.


Dr D.W. Rawson, executive director, Academy of the Social Sciences in Australia.

Professor T.H. Rigby, participant, joint symposium of ANU scholars and members of Institute of World Economy and International Relations of the Social Academy of Sciences, USSR; member, International Advisory Committee, Soviet Studies (Glasgow) and Studies in Comparative Communism (Los Angeles); member, Commission on International Affairs of General Synod of the Anglican Church in Australia.

Dr L. Ruzicka and Ms P. Kane, consultants, ACT Health Authority to develop health status indicators for health promotion programs, in context of World Health Organization’s Healthy Cities Project; completed and published Australia’s Population Trends and their Future Consequences, for the Commission on the Future.

Dr L. Ruzicka, commenced work on project for Australian International Development Assistance Bureau (AIDAB) on population control and family health in Bangladesh.

Dr W.D. Sanders, consultant, National Aborigines Education Committee on proposed changes to Aboriginal Secondary Grants (Absec) and Aboriginal Study Grants (Abstudy) Schemes; with Dr D. Jaensch, Flinders University and Dr P. Loveday, North Australia Research Unit, undertook a review of the Australian Electoral Commission’s Aboriginal Electoral Information Service.
Dr M.G. Santow, conducted training course on demographic analysis in Vietnam for Economic and Social Commission for Asia and the Pacific (ESCAP); editor, *Journal of the Australian Population Association*.

Dr P.J. Stemp, consultant, Office of the Economic Planning and Advisory Council (EPAC) on superannuation, taxation and aggregate savings behaviour in Australia and on private savings in Australia.

Dr A.G. Serle, adviser, research grants allocation, Australian War Memorial.

Dr M.J.E. Steven, consultant, British Museum (Natural History) Australian Bicentenary Exhibition; curator and member, Australian Steering Committee, Museum of Victoria and International Cultural Corporation of Australia.

Dr P.K. Streatfield, consultant, ANU National Centre for Epidemiology and Population Health, University of Queensland and the Queensland Health Department, on two Aboriginal Health Department Projects exploring links between child growth, current nutritional status and the risk of infection; technical consultant, ‘Health of the Urban Poor’ project for Jakarta and Manila, co-ordinated by the Institute for South-East Asian Studies, Singapore; consultant, National Food Supplementation Program, Ministry of Health, Sri Lanka, on a study of material nutrition, weight gain during pregnancy and birth outcomes.

Mr P.N. Troy, member, Board of Management of the National Building Technology Centre; member, Australian Housing Council and its Building Research and Development Advisory Committee; member, Working Group on Financial instruments to Facilitate Investment in Housing by Superannuation Funds for the Minister for Housing and the Special Minister of State.

Dr J.E. Walker, consultant, through the National Institute of Economic and Industry Research, to the Department of Community Services and Health on the Identification of Primary Training Needs for the Human Services.

Dr S.R. Wilson, president, Biometrics Society, Australasian Region; treasurer, Human Genetics Society of Australasia; convenor, Genetic Registers Working Party, Human Genetics Society of Australasia; member, International Statistical Institute ad hoc Committee for Statistics in the Life Sciences; member, Editorial Advisory Committee, the Biometric Society; Australasian correspondent, *Biometric Bulletin*; associate editor, *Biometrics*.

Dr C.M. Young, consultant, Australian Government’s Committee to advise on Australia’s Immigration Policy; consultant, Women’s Bureau, Department of Employment and Industrial Relations, to study family life cycle aspects of female labour force participation.

Dr K. Zagorski, consultant, Local Government and Regional Development Division, Department of Immigration, Local Government and Ethnic Affairs.
Departments, Units and Centres

Centre for Research on Federal Financial Relations

The Centre was established in 1972, at the invitation of and with financial support from the Commonwealth Government, for the purpose of encouraging studies in the field of federal financial relations. Its role in relation to the Australian federal system is to undertake and sponsor research which will extend the range of information and analysis, and to generate ideas for making the federal system function more effectively. In particular, the work of the Centre is directed towards examination of the major issues affecting intergovernmental financial relations, in the fields of expenditure responsibilities, financial powers (including both taxation and loan finance), grants arrangements and the scope for intergovernmental co-operation.

The year has, necessarily, been a quiet one in the life of the Centre. Without any full-time academic staff it was not feasible to pursue programs of research with great vigour, and with the prospect of a new director at hand it did not seem desirable to begin major new thrusts. With the appointment of Professor Cliff Walsh as the new director, to take office in 1988, and of Dr Brian Galligan as deputy director to take up duties on 1 January 1988, the Centre is well-placed to begin with new direction and intensity next year. The Centre is delighted with these appointments and excited about the future.

During the year the Centre published work on the impact of federalism on railways and on constitutional reform of the federal system (which was also the topic of the Centre's annual meeting/seminar in May). Professor Peter Self was a Visiting Fellow within the Centre for an extended period throughout 1987 and pursued his work on the nature and values of Australian federalism. This work included a major paper on economic theories of federalism which is to appear in the Australian federalism book currently being edited by Brian Galligan.

The acting director (Professor Geoffrey Brennan, Head of the Economics Department in The Faculties) throughout 1987 pursued his own research in public finance and public choice theory, and on the interface between economics and philosophy. Although relatively little of that work was focussed on federalism directly, much of it bears on issues of institutional design more generally, of which the question of decentralisation of political structures is an important part.
The Centre was, because of the absence of full-time academic staff, more than usually dependent on its support staff and we pay tribute to Linda Gosnell and Stephanie Hancock for maintaining a Centre ‘presence’ with cheerfulness and enthusiasm.

Staff and Visitors

**Acting Director**

H.G. Brennan, BEc, PhD, FASSA

**Visiting Fellows**

Dr A. Hamlin, University of Southampton
Emeritus Professor P. Self, London School of Economics

**Secretary**

L. Gosnell

**Word Processor**

S. Hancock

Publications

Brennan, H.G. and Buchanan, J.¹


Brennan, H.G.


Foreword. In James, M., How much government?, Centre for Independent Studies, Sydney, Policy Monograph no. 11. vi-vii.

Brennan, H.G. (ed)

Brennan, H.G. and Pincus, J.J. 6
‘Rational actor theory in politics: a critical review of John Quiggin’,
_Economic Record_ 63(180). 22–32.

Brennan, H.G. and Lomasky, L. 1
‘The logic of electoral preference: a reply to Saraydar and Hudelson’,

Freebairn, J. 1, Porter, M. 1 and Walsh, C. 2

Self, P.J.O.


Stevenson, G. 2

Walsh, C. 2


Department of Demography

During the year the Department moved to a greater emphasis on Australian demography, partly through collaboration with two new programs.

In support of the School’s Australian Family Project, the Department provided much of the time of one researcher, Dr Santow, a Co-ordinator, Professor Caldwell, and two Acting Co-ordinators, Dr Young and Dr Jones, as well as research assistance. Dr Santow began with Dr Bracher an analysis of the Project’s survey data on changing household composition in Australia, and with Dr Bracher, Professor Caldwell and Ms Caldwell an analysis of the survey’s in-depth questions on changes in marriage and child-bearing patterns.

In collaboration with the University’s National Centre for Epidemiology and Population Health, Dr Young began a study of cohort mortality in Australia; Dr Santow and Dr Bracher began an analysis of the Australian Family Project’s national data on pregnancy wastage; Dr Gray, in co-operation with the NSW Department of Health, began a study of differentials in Aboriginal mortality in New South Wales; and Dr Streatfield, in co-operation with the Queensland Department of Health, analyzed data on the survival and growth of Aboriginal children.

In other ways, too, the Department’s emphasis on the demography of Aboriginal Australians has continued with Dr Gray, Mr Khalidi and Ms Vesper working on different aspects of Aboriginal demography. The Aboriginal Family Demography Study, which was undertaken in 1986, has so far resulted in the production of seven working papers in a series designed to produce results as quickly as possible for use in Aboriginal Affairs policy analysis. The Australian content of research was further strengthened by Dr Young’s work on the family life cycle of ethnic families, and her new research project on life cycle aspects of female labour force participation in Australia.

Ageing continued to receive attention with Dr Day working on the implications of below-replacement-level fertility in Western countries and Dr Jones examining the implications of fertility declines in Southeast Asia. Dr Young is also studying the effects of immigration on the age structure of Australia’s population.

In other work on the Third World demographic transition, Professor Caldwell and Ms Caldwell continued the analysis of their previous research on the major demographic changes which have taken place in Sri Lanka and published the first paper emerging from the program. They also undertook field research among the Indian Tamil population of Sri Lanka’s tea estates to explore the economic demography of an unusual family situation and to attempt to explain Third World Asia’s first significant fertility declines in the 1950s. Their collaborator, Dr Gajanayake of the University of Colombo, later joined them as a visitor.
to the ANU to continue the analysis. They also revisited Africa and updated their work on the resistances to fertility decline in that continent. In Indonesia Dr Jones began a new project on the rapid increase in the numbers of educated persons in the society, and Dr Hull examined the evolution of public health and family planning programs.

With external funding, several Departmental programs grew and changed directions. The International Population Dynamics Program, co-ordinated by Dr Jones from July, became more research-oriented, developing a new interest in Vietnam, where Dr Jones, Dr Hull, Dr Santow and Dr Macrae spent some time, and continuing its interests in China and Indonesia. The Child Survival Project, under Dr Streatfield, extended its research program to rural Sri Lanka and also to urban Jakarta and Manila with focus there on the health of the urban poor. Professor Caldwell began, with the help of the Rockefeller Foundation, to develop a new program on the cultural and social context of health transition and Ms Quiggin began to collect materials for it. Dr Larson was appointed Postdoctoral Fellow in the program.

The Department provided, as in previous years, major support for the Graduate Program in Demography, located in the National Centre for Development Studies. This Program continued its development towards independence with the acceptance by the Board of the Institute of a new teaching structure which will allow students to pass through three stages from Graduate Diploma to MA and finally to PhD in the Demography of Development with both teaching and research in the latter two stages.

Several aspects of the Department's publication program should be highlighted. The Department continued to support the Journal of the Australian Population Association by providing the editor and many of the referees of submitted papers. In June, a gathering was organized to release a new publication from the Department's monograph publication program (headed by Ms Broers-Freeman), Dr Young's Young People Leaving Home in Australia: The Trend Towards Independence, which was jointly published by the Department of Demography and the Australian Institute of Family Studies. In addition Drs G. Jones and T. Hull, together with Dr V. Hull (AIDAB) and Dr G. Hugo, (Flinders University) published, through Oxford University Press, The Demographic Dimension in Indonesian Development, bringing together a decade of research. Another project was brought to fruition after several years, when Micro-Approaches to Demographic Research, which was edited by Professor Caldwell, Dr A. Hill (London School of Tropical Medicine and Hygiene, London University) and Dr V. Hull, and co-ordinated and brought to publication standard in the Department of Demography, was published through Kegan Paul International, London. This is the first book-length guide to the developing field of anthropological demography.
Staff and Visitors

Professor and Head of Department
J.C. Caldwell, BA(NE), PhD, FASSA

Professorial Fellow
G.W. Jones, BA(NE), PhD, FASSA

Senior Fellow
L.H. Day, BA(Yale), MA, PhD(Col)

Senior Research Fellow
C.M. Young, BSc(Adel), PhD

Research Fellows
A.N. Gray, BA(Oriental Studies), BA, PhD
M.G. Santow, BSc(Syd), PhD

Consultants
H.V. Muhsam, BSc, DSc(Geneva) (March to July)
S. Macrae, BSc, PhD(Lond) (August to November)

Visiting Fellows
Dr I. Gajayanake, University of Colombo
Professor A.E. Imhof, Free University of Berlin
Professor H. Mol, McMaster University, Canada
Associate Professor S.K. Happel, Arizona State University (Jointly with Australian Family Project, RSSS and Economics, RSSS)
Dr K.N.S. Yadava, Banaras Hindu University, India

Research Assistants
E.A. Baker, CertEd(Hull)
D.H. Cook, BSc(NE) (until March)
W.H. Cosford
R.M. Goodwin, BSc(NSW), Grad Dip Lib Sc(RCAE)
S.L. Kennedy, BA(Melb) (from March)
P. Pyne, BSc(inter)(Lond)

Department Secretary
N.J. Mithorp (until July)
D.A. Wood (from July)

Secretarial and Clerical Staff
D.M. Broers-Freeman (Publications Officer)
M. Haberschusz (from October)
N.V. Mardus
D.A. Wood (until July)

Research Staff on Outside Funds for Special Projects

Research Assistants
B. Kavunenko, BA, BLitt (funded by Rockefeller Foundation)
J. Vesper (funded by Department of Employment, Education and Training)
Secretarial Staff
J.M. Hughes (funded by Rockefeller Foundation) (July to September)

Health Transition Program
Postdoctoral Fellow
A. Larson, BA(ReedColl), MA(Georgetown), PhD (funded by Rockefeller Foundation) (from December)

Research Assistant
P.H. Quiggin, BA, MA(Demog) (funded by Rockefeller Foundation) (from October)

Graduate Program in Demography
Director and Senior Research Fellow
D.W. Lucas, BA(Econ)(Man), MSc,PhD(Lond)

Research Fellows
S-E. Khoo, AB,MSc,DSc(Harv) (until September)
P.A. Meyer, BA(CalLutheran), MA(Hawaii), PhD

Senior Tutor
C. McMurray, MA(Well), DipTchg(WTC)

Tutor
M.B. May, DipEd(CCAE), BA(AsianStudies), AMusA

Secretary
C.M. Mehkek

International Population Dynamics Program
In Canberra
Co-ordinator and Senior Research Fellow
T.H. Hull, BA(Miami), MA(Hawaii), PhD (until June)

Co-ordinator and Professorial Fellow
G.W. Jones, BA(NE), PhD, FASSA (from July)

Research Assistants
A. Larson, BA(ReedColl), MA(Georgetown), PhD (January to November)
S.A. Leigh, BA (from November)
P.H. Quiggin, BA, MA(Demog) (until September)

Secretary
P.M. Mooney

Clerk
L.B. Dack

Secretarial Staff
J.M. Hughes

Visiting Fellows
Professor Wang Jiye
Ms Li Huijing
Mr Rong Zhigang
Mr Wang Hong
Professor Jiang Zhenghua
Mr Zhu Jun
Ms Wu Guolan
Mr Wang Shiliian
Mr Wang Jian
Mr Wu Minyi
Mr R. Ahmad, Ministry of Population and Environment, Jakarta
Dr D. Ancok, Population Studies Center, Gadjah Mada University,
Yogyakarta
Drs D. Ginting, Population Studies Center, University of Sumatera
Utara, Medang
Drs D. Kallau, Population Studies Center, Nusa Cendana University,
Kupang
Dr M. Papayungan, Hasanuddin University, Ujung Pandang
Dra S. Pandjaitan, Tanjungpura University, Pontianak
Professor Waworoentoe, Sam Ratulangi University, Manado
Drs M. Rumbiak, Cenderawasih University, Jayapura
Dra L. Nagib, LIPI (Indonesian Academy of Sciences), Jakarta
Dr P. Rahardjo, Ministry of Population and Environment, Jakarta
Dr Sun Umi Lestari, Population Studies Centre, Brawijaya University,
Malang, East Java

In Indonesia

Research Fellows
G.L. Dasvarma, MSc(Patna), PhD (funded by UNFPA) (until March)
L. Corner, BCom,BEd(Melb), MEd(Syd), PhD(Macq) (funded by
UNFPA)

Child Survival Project

Co-ordinator and Research Fellow
P.K. Streetfield, BSc(Syd), MSc(Melb), MSc(Lond), PhD

Research Assistant
M.M. Korzy, BA (from February)

Visiting Fellows
Dr S. Sandhya, Administrative Staff College of India, Hyderabad
Ms E. Thongkrajai, Faculty of Nursing, Khon Kaen University, Thailand
Dr L.T. Ruzicka, Canberra
Ms P. Kane, Canberra
Dr A. Bari, International Centre for Diarrhoeal Disease Research,
Bangladesh
Dr M. Dibley, Child Survival Program Officer, Indonesia
Dr G. Ruben, Child Survival Program Officer, Bangladesh
Dr A. Soerono, Secretary to Director-General of Community Health,
Department of Health, Jakarta
Publications

Bhuiya, A.\textsuperscript{5}, Bogdan, W.\textsuperscript{1}, D’Souza, S.\textsuperscript{1}, Nahar, L.\textsuperscript{1} and Shaikh, K.\textsuperscript{2}

Caldwell, J.C.

Caldwell, J.C., Bracher, M.\textsuperscript{3}, Santow, G. and Caldwell, P.

Caldwell, J.C. and Caldwell, P.


Caldwell, J.C., Caldwell, P. and Caldwell, B.\textsuperscript{6}

Caldwell, J., Gaminiratne, K.H.W.\textsuperscript{5}, Caldwell, P., de Silva, S.\textsuperscript{1}, Caldwell, B.\textsuperscript{6}, Weeraratne, N.\textsuperscript{1} and Silva, P.\textsuperscript{1}

Caldwell, J.C. and Hill, A.H.\textsuperscript{1}

Caldwell, J.C., Hill, A.\textsuperscript{1} and Hull, V.\textsuperscript{2} (eds)

Caldwell, J.C., Reddy, P.H.\textsuperscript{2} and Caldwell, P.

Caldwell, P. and Caldwell, J.C.


‘Family planning in Aboriginal communities’, *Community Health Studies* XI(3). 165–75.


Hull, T.H. and Larson, A.  

Jones, G.W.  

Kane, P.  

Kane, P. and Lucas, D.  

Khoo, S-E.  
‘Living together: a profile of de facto couples in Australia’, *Journal of Marriage and the Family* 49(Feb). 185–91.


Lim, L.L., Jones, G.W. and Hirschman, C.  

Lucas, D.  

McMurray, C. and Lucas, D.  

Ruzicka, L.T. and Kane, P.  


Santow, M.G.  

Yang, Q.  
Young, C.M.
Young People Leaving Home in Australia: The Trend Towards Independence. Australian Family Formation Project Monograph no. 9, Department of Demography, ANU, in collaboration with the Australian Institute of Family Studies, Melbourne, Canberra. 188 pp.


Working Papers From the Aboriginal Family Demography Study

Gray, A. and Vesper, J.
‘Housing at Gundurimba.’ Department of Demography, Australian National University, Canberra. 10 pp.

Gray, A. (with assistance by J. Vesper)
‘Description of disadvantage: the households of Aboriginal children.’ Department of Demography, Australian National University, Canberra. 24 pp.

‘Need a new house’. Department of Demography, Australian National University, Canberra. 36 pp.

‘Progress without grant: employment in some Aboriginal communities.’ Department of Demography, Australian National University, Canberra. 43 pp.

Gray, A.
‘Assessment of risk for newborn Aboriginal children.’ Department of Demography, Australian National University, Canberra. 35 pp.

‘The “Death Bird”: aspects of adult Aboriginal mortality.’ Department of Demography, Australian National University, Canberra. 31 pp.

Vesper, J.
‘The interviewer’s story.’ Department of Demography, Australian National University, Canberra. 80 pp.

Director’s Section

The Director, Professor Paul Bourke, was appointed by the Australian Vice-Chancellors’ Committee as Convenor of the History Panel for the inquiry into Academic Standards in Australia. He was also appointed Senior Fellow of the British Council to investigate research policy in the United Kingdom. In that capacity he visited the Science Policy Research Unit at the University of Sussex where he presented a paper ‘Research policy in the social sciences’. 
He continued work on his longstanding collaborative project with Dr D.A. DeBats of Flinders University. The project deals with individual level voting returns in nineteenth century America.

During the year Professor Bourke was chosen as a representative of the Heads of Research Schools and became a member of Council. He continued as Chairman of the Advisory Committee for the National Centre for Epidemiology and Public Health, the Management Committee for the Centre for Information Science Research and the Advisory Committee for the Public Policy Program as well as being a member of the Australian Vice-Chancellors’ Committee on Performance Indicators.


Dr P.N. Pettit, Professorial Fellow in Social and Political Theory, was elected a Fellow of the Academy of the Social Sciences in Australia during the year. His paper ‘Free riding and foul dealing’ was selected for reprinting in the Philosophers’ Annual as ‘one of the ten best papers to appear in print in 1986’. He joined the editorial board of Ratio as well as continuing to serve on the boards of Ethics, Australasian Journal of Philosophy, Philosophical Papers and Journal of Applied Philosophy. He continued also as one of the three editors for the ‘Philosophical Theory’ series of books for Blackwells, Oxford.

He continued to work on a projected book, commissioned by Oxford University Press, on the foundations of the social sciences but much of his time was given to collaborative projects. He collaborated with Dr John Braithwaite, Sociology, RSSS, in the preparation of a book to be called Not Just Deserts; with Professor Geoffrey Brennan, Faculty of Economics, on a paper on ‘Unveiling the vote’; and with Professor Frank Jackson, Philosophy, RSSS, on a paper entitled ‘Functionalism and broad content’. He also collaborated with Dr Alan Hamlin, Department of Economics, University of Southampton, in finalising a collection of new papers by economists, philosophers and political scientists on the normative theory of the state; it is to be published by Blackwells in 1988 under the title The Good Polity.

During the year Dr Pettit read papers at the Centre for Public Choice, University of East Anglia; The Centre for Independent Studies, Sydney; the AGM of the Australian Society for Legal Philosophy; the AGM of the Australasian Association of Philosophy; and a number of Universities: University College, Dublin; Trinity College, Dublin; Melbourne University; and the University of Western Australia. He also read papers to the philosophy and politics seminars, RSSS.
Dr G. Bammer, Research Fellow, continued her work on repetition strain injuries (RSI), including investigations of their association with VDU technology, analysis of overseas field work results and reviews of the literature. She presented some of her results at an international conference ‘Musculoskeletal disorders at work’ at the University of Surrey, Guildford, UK, in April, where she also co-chaired a workshop on definitions and diagnosis of RSI. Dr Bammer gave seminars about her work at the University of Hamburg, University of New South Wales, University of Wollongong and Monash University and gave talks about RSI to participants of an occupational health and safety training course organised by the Trades and Labour Council, to students in Information Technology at the Canberra College of Advanced Education, to Compu-Skills trainees at the Work Resources Centre and to members of the ACT Branch of the Ergonomics Society of Australia.

In September, with the help of Ms Burton and Mr Hill, she organised a well-attended public seminar ‘An international perspective on occupational overuse syndromes (RSI)’. The overseas speakers were Professor Asa Kilbom from Sweden and Professor Toru Itani from Japan. Dr Bammer presented a paper entitled ‘An international comparison of the prevalence of occupational overuse syndromes (RSI) among university office workers’. As a result of her work she has been invited to be a member of an international scientific committee organising a conference ‘Work with display units’ which will be held in Montreal in 1989. Dr Bammer also made written and oral submissions to the Department of Territories Review of Policy Objectives for Workers Compensation in the ACT.

Staff

**Director and Professor**

P.F. Bourke, BA,DipEd(Melb), PhD(Wisc), HonDLitt(Flin), FASSA

**Professorial Fellow**

P.N. Pettit, MA(NUl), LPh(Pont), MA(Camb), PhD(Queen’s), FASSA

**Research Fellow**

G. Bammer, BSc,BA(Flin), PhD(Syd)

**Visiting Fellows**

Professor R. Hardin, University of Chicago
Professor I. Levi, Columbia University

**Research Assistants**

J. Burton
M.M. Korzy, BA (until February)
P. Hill, BA (from August)
A.J. Firth, BA(Qld), GradDipSecStuds(CCAE)

**Director’s Secretary**

R.J. Savory
Publications

Bammer, G.
‘How technologic change can increase the risk of repetitive motions injuries’, *Seminars in Occupational Medicine* 2. 25–30.

Bammer, G. and Blignault, I.6

Bammer, G., Barnett, S.A.4 and Marples, T.G.4
‘Movement patterns of wild house mice in a four-arm residential maze’, *Psychological Record* 37. 545–551.

Bourke, P.F. and DeBats, D.1

Pettit, P.
‘Universalisability without Utilitarianism’, *Mind* 96. 74–82.
‘Rights, constraints and trumps’, *Analysis* 47. 8–14.
‘Towards a social democratic theory of the state’, *Political Studies* 35. 537–51.
‘Humeans, anti-Humeans and motivation’, *Mind* 96. 530–33.


Pettit, P. and Goodin, R.1
Department of Economic History

A good deal of the Department's work centred on issues relating to the development of human capital resources. It hosted a conference of invited economic historians, economists, demographers and others from the ANU and elsewhere on this subject in August/September. Dr Pope and Professor Alston, a former Visiting Fellow, were co-organisers. They and Drs MacKinnon and Hatton, Emeritus Professor Butlin and Professor Edelstein (a former Visiting Fellow) were among those presenting papers. Drs Pope and MacKinnon are continuing their work in this field.

Until her resignation in July to take up a fixed-term lectureship in Economic History at the University of NSW, Dr Alford was writing her economic history of women in Australia in the second half of the nineteenth century. Other work, by Drs Barnard, Cain and Tsokhas and by Emeritus Professor Butlin, represented a continuation of preceding studies, though Dr Tsokhas has started research into the history of Australian manufacturing industry 1900-80.

Drs Hatton and MacKinnon gave seminars at Melbourne and La Trobe Universities. Drs Alford and Cain attended the History of Economic Thought and Cultural History conferences respectively while Drs Hatton and MacKinnon attended and gave papers to a NATO/CEPR/Harvard Centre for International Affairs Conference in Harvard and the Cliometrics Society Conference at Urbana-Champaign. Emeritus Professor Butlin delivered the 1987 Newcastle Political Economy Lecture.
Dr Statham completed editing a book on the history of Australian capital cities and commenced work on the economic contribution of the early NSW army and naval personnel.

Professor R.C. Allen joined the Department as Visiting Fellow in September. In addition to completing a study of the English agricultural revolutions he is exploring new ways of providing international perspective to Australian living standards over 1880–1950.

Staff and Visitors

Head of Department and Professorial Fellow
A. Barnard, BEc(Syd), PhD

Senior Fellow
N.G. Cain, BCom(Melb), PhD

Research Fellows
K. Alford, BA,PhD(Melb) (until July)
K. Tsokhas, MA,PhD(Melb)

University Fellow
Emeritus Professor N.G. Butlin, BEc(Syd), CorrFellBA, FASSA.

Honorary Fellow
Emeritus Professor Sir Keith Hancock, KBE, MA(Oxf), HonDLitt (Rhodes), (Birm), (CapeT) and (Oxf); HonLittD(Camb), (Melb) and (ANU), FBA, FAHA.

Visiting Fellows
Professor R.C. Allen, University of British Columbia
Professor L. Alston, Williams College, Williamstown
Dr T.J. Hatton, University of Essex
Professor F. Lewis, Queen’s University, Ontario
Dr M. MacKinnon, Queen’s University, Ontario
Assoc. Professor D. Pope, University of New South Wales
Dr P. Statham, University of Western Australia

Programmers
W. Naughton, BSc(Adel)
D. Whaite

Research Officer (Horrrie Brown Librarian)
C. Cromwell, BA(Montana) (until September)

Research Assistants
S. Fenwick, BEc/LLB
S. Jenkins, BScAgr(Syd)
V. Filling, BCom(Melb) (Horrrie Brown Library)

Secretarial Staff
B. Gramza
L. Lewis
W. Pradel
Publications

Alston, L.J.\(^2\) and Rucker, R.R.\(^1\)


Alston, L.J.\(^2\) and Robertson, P.\(^1\)


Alston, L.J.\(^2\) and Chapman, B.\(^3\)


Barnard, A.


Butlin, N.G.


Butlin, N.G., Cromwell, C.\(^2\) and Suthern, K.\(^2\) (eds)

Cain, N.

Edelstein, M.²

Hatton, T.J.²
A quarterly model of the labour market in interwar Britain. Working Papers in Economic History no. 84. ANU. 28 pp.

Hatton, T.J.² and Chapman, B.J.³

Lewis, F.²

MacKinnon, M.

MacKinnon, M. and Lewis, F.²

McLean, I.W.²

Maddock, R.²

Maddock, R.² and Carter, M.⁶

Maddock, R.² and McLean, I.W.² (eds)
Maddock, R.\textsuperscript{2} and McLean, I.W.\textsuperscript{2}


Pope, D.


Withers, G.\textsuperscript{2} Andres, A.M.\textsuperscript{1} and Perry, L.\textsuperscript{1}


Department of Economics

Two important appointments were made during the year: Dr Gregory was appointed Professor of Economics and Head of the Department, and Professor Brennan, a half-time appointment, was seconded from The Faculties for a five year period, to commence on 1 January 1988. Professor Gregory’s main interests are in labour economics and applied economics generally. He is a Member of the Board of the Reserve Bank and of the Australian Science and Technology Council. Professor Brennan’s main interests are in public finance, public choice theory and the interface of economics and philosophy. He has written a number of books with Professor Buchanan, who was awarded the 1987 Nobel Prize in Economics.

There has been a continued focus in the Department on applied economic policy problems which are of special importance to the Australian economy. Increasingly this work compares the performance of the Australian economy with that of other countries.

Professor Gregory currently has three major research interests: equal pay and comparable worth for women, labour market outcomes during the 1930s, and immigration. He presented invited papers on equal pay to the University of Chicago, The Massachusetts Institute of Technology and the University of Illinois. Commissioned papers were delivered to the Pay Equity Panel of the National Academy of Social Sciences in the USA and the Pacific Rim Labour Market Conference at Vancouver. An invited paper on the Australian labour market during the
1930s was presented to the 1987 Cliometrics Conference at the University of Illinois. Professor Gregory's work for the National Bureau of Economic Research (NBER) Joint Project on Immigration was completed with the presentation to the NBER Immigration Conference, Boston, of a paper which compares low-paid immigrant workers in Australia and the USA. Professor Gregory undertook consultancies for the Office of the Economic Planning Advisory Council and for the New Zealand Department of Industry and Trade.

Dr Stemp joined the Department in April. His major project is to analyse rules for the implementation of monetary policy, paying special attention to the interaction between monetary policy and the formation of expectations in the private sector. He is also working on housing tenure, an interest stimulated through discussions with Professor Horowitz. Dr Stemp undertook consultancy work for the Office of the Economic Planning Advisory Council, analysing the interactions between superannuation, taxation and the aggregate savings ratio in Australia. He was joint convenor of Economic Policy Issues, a graduate course in The Faculties.

Dr Dowrick's main interests are union employer bargaining, cross-country comparisons of growth rates, and industrial economics. His work with Dr Nguyen on an international comparison growth rates attracted a great deal of media attention. They argue that the Australian post-war growth record has been quite typical of the richer countries of the OECD group and has not lagged behind, as is often suggested. Dr Dowrick lectured in the Labour Economics Course in The Faculties, and with Professor Gregory and Dr Chapman prepared a report for the Office of Economic Planning Advisory Council on medium term trends in the labour market. He is currently working on import competition in the UK manufacturing industry.

Mr Haig's research examined productivity growth and living standards of different countries, and aspects of Australian economic history — including the economic causes and results of land legislation in the Australian colonies in the nineteenth century and trends in the labour force in the colonies. He has continued to work on time series data of Australian real product and completed a report for the Office of EPAC on comparative productivity of industries in Australia. He presented a paper on International Comparisons of Australian GNP in the nineteenth century to the Twentieth General Conference of the International Association for Research in Income and Wealth, held in Rome. Mr Haig accepted an invitation to become a Founding Member of the International Association for Input-Output Analysis.

Dr Pagan is currently on leave for the second consecutive year at the University of Rochester.

In September Dr Nguyen took up an appointment as Senior Lecturer at the University of Adelaide. His main interests are in exchange-rate determination and the impact of international trade and capital flows on the Australian economy.
The quality of economic research at the ANU is very high. To maximise the potential of this resource for graduate research training, a University-wide graduate coursework program has been established through the co-operation of all ANU economics departments and centres. The program, which is undertaken by graduate economics students as part of their PhD degree, intensifies the formal training received by students, increases their exposure to a wide range of academic economists, and encourages both the interchange of ideas and self-learning within the graduate student group. Members of the Department contribute to the coursework teaching.

It is the policy of the Department to increase the number of graduate students and to group them around interrelated projects. These projects are of an applied nature and focus on the operations of labour markets. Currently there are four graduate students enrolled. Their names and topics of research are shown elsewhere in this Report.

In recent years the Visitors Program has been extended. During a typical visit of eight to twelve weeks, visitors undertake their own research, work with Department staff, and advise graduate students. An important part of the program is the contribution which visitors make to the intellectual life of other Australian universities.

Professor Oi delivered seminars at eight universities, presented papers to conferences organised by the Centre for Independent Studies and the Australian Graduate School of Management (UNSW), and addressed both the Canberra and the New South Wales Branches of the Economic Society of Australia. He also delivered three undergraduate lectures at the ANU. Professor Oi’s current interests all revolve around labour-market issues. His seminars addressed such questions as: Why do
large firms pay higher wages than small firms?; and what might be the effects of comparable-worth legislation in the US?

Professor Horowitz, a joint visitor with the Urban Research Unit, delivered eleven seminars to six universities. In addition he has begun a number of joint projects with members of the Statistics Department, The Faculties. His current interests are in econometric theory and the development of auction markets for houses.

Other visitors undertook similar programs. Their fields of interests were demography (Professor Happel), macro economics (Professor Schlagenhauf, Mr Oxley), labour economics (Dr Booth, Mr Junankar), international trade (Professor Floyd), theory of risk and the effects of devaluations on the manufacturing sector (Dr Pope).

During the year there were two visitors from The Faculties. Professor Pitchford worked on a range of theoretical topics including the relationship between fiscal policy and the exchange rate under different degrees of wage indexation and the optimal responses of consumption and the current account to fluctuations in income. Dr Beggs, working jointly with Dr Chapman (CEPR), completed a number of papers on the determinants of Australian strike activity and the earnings of immigrants.

Dr W.J. Martin, on leave from the Bureau of Agricultural Economics, completed his stay with the Department. He worked on exchange rates and the agricultural sector, the meaning of the real exchange rate and the effects of the changing composition of Australian exports for the stability of export income.

The Department also brings researchers from other Australian institutions to present their work at the ANU. Thirteen seminars by economists from other Australian universities and the Public Service, were presented in the Department’s seminar series.

The Department also encourages joint research projects. Currently Dr Dowrick is working with a group from the University of Adelaide on long-term productivity growth.

Staff and Visitors

Professor and Head of Department
R.G. Gregory, BCom(Melb), PhD(Lond), FASSA

Senior Fellows
B.D. Haig, MCom(Melb)
A.R. Pagan, BSc(Qld), PhD (at the University of Rochester)

Research Fellows
D.T. Nguyen, L.esLettres(Saigon), BA(Well), PhD (until September)
P.J. Stemp, BA, PhD (from April)

Postdoctoral Fellow
S.J. Dowrick, BA(Camb), PhD(Warwick)

Visiting Fellow on Secondment
J.J. Beggs, BSc(Qld), MA,PhD(Northwestern) (until June)
Visiting Fellows
Dr A. Booth, The City University, London  
Professor J.E. Floyd, University of Toronto  
Professor S.J. Happel, Arizona State University  
Professor J.L. Horowitz, University of Iowa  
Mr P.N. Junankar, University of Essex  
Dr W.J. Martin, Bureau of Agricultural Economics  
Professor W. Oi, University of Rochester  
Mr L. Oxley, University of Edinburgh  
Professor J.D. Pitchford, Department of Economics, The Faculties, ANU  
Dr R.E. Pope, University of New South Wales  
Professor D. Schlagenhauf, Arizona State University

Research Assistants
R. Anstie, BEc  
P. Cheung, BEc(Tas), GradDipEcon (until November)  
E. Klug, BAppSci(CCAE)  
F. Tully, BAgEcon(NE)  
M. Wood, BEc(Flin), GradDipCompStuds(CCAE) (until May)

Departmental Secretary
R. Carson

Secretarial Staff
M. Pascall

Publications
Beggs, J.J.\textsuperscript{2} and Chapman, B.J.\textsuperscript{3}  
‘Australian strike activity in an international context: 1964–85’,  
Journal of Industrial Relations June. 137–149.


Booth, A.L.\textsuperscript{2}  

Booth, A.L.\textsuperscript{2} and Cressy, R.\textsuperscript{1}  

Chatterji, M.\textsuperscript{1} and Lahiri, S.\textsuperscript{2}  
Dagum, C.²

‘Economic model, system structure, philosophy of science and Lakatos’ methodology for scientific research programs’, *Rivista Internazionale di Scienze Economiche e Commerciali* Anno XXXIII, no. 9, 1986. 859–886.


Dowrick, S.


Dowrick, S. and Nguyen, D.T.²


Gregory, R.G.

Gregory R.G., Ho, V.,² McDermott, L.¹ and Hagan, J.

Haig, B.D.


Happel, S.J.
‘United States and Australian fertility: past, present and future'.

Hogan, L.I.¹ and Nguyen, D.T.²
Exchange rate target zones and the conduct of monetary policy: an
Australian perspective. Discussion Paper no. 184. Centre for

Lahiri, S.² and Ono, Y.¹
International terms of trade and national welfare under distortions.

Martin, W.J.,² Murphy, C.⁴ and Nguyen, D.T.²
Influences on the Australian real exchange rate: an analysis using
the AMPS model. Discussion Paper no. 177, Centre for Economic

Martin, W.J.² and Shaw, I.¹
‘The effect of exchange rate changes on the value of Australia’s major
agricultural exports'. Exchange Rates and the Economy, supplement

Micklewright, J.²
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Mary College, University of London. 38 pp.

Milne, F.⁴
‘The induced preference approach to arbitrage and diversification

Nguyen, D.T.² and Gregory, R.G. (eds)
Exchange Rates and the Economy. Supplement to The Economic
Record 63. 110 pp.

Pagan, A.R. and Shannon, J.H.²
‘How reliable are ORANI conclusions?’ The Economic Record
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Piggott, J.R.²
The economic effects of changing the tax mix: some preliminary
results from an applied general equilibrium model of the Australian
economy and public sector. In Head, J.E. (ed), Changing the Tax
Mix, Australian Tax Research Foundation. 1986. 95–114.

Piggott, J.R.² and Whalley, J.¹
‘Interpreting the fiscal incidence calculations', Review of Economics
and Statistics November. 685–694.

Poot, H.J.²
‘Estimating duration of residence distributions: age, sex and
occupational differences in New Zealand', New Zealand Geographer
43(1). 23–22.

‘A system approach to the inter-urban exchange of workers in New
274.


Centre for Economic Policy Research

The Centre for Economic Policy Research is one of a number of successful initiatives of the Research School of Social Sciences designed to provide a greater degree of research flexibility and responsiveness to emerging Australian economic problems, closer integration and co-operation among researchers at ANU and at other universities and the public service, and wider and speedier dissemination of research results.

The Centre has three academic staff positions and, where appropriate for the research agenda, it is expected to draw on other resources within the University, particularly those of the Economics Department, Research School of Social Sciences. To facilitate this integration the Head of the Economics Department is also the Executive Director of the Centre.

Research flexibility and responsiveness to emerging Australian economic problems.

Youth unemployment remains a serious economic and social problem in Australia despite strong employment growth over the last three years. To discover more about the source of this problem the Bureau of Labour Market Research (BLMR) introduced the Australian Longitudinal Survey (ALS) which is the most informative data set ever collected on the Australian youth labour market. Dr Paul Miller financed by a BLMR consultancy joined the Centre for 12 months to analyse the data from this survey.

Some of the results of his studies are published in Discussion Paper no. 171 (co-authored with P. Volker, Department of Finance) The Youth Labour Market in Australia: A Survey of Issues and Evidence. Like almost all Discussion Papers it has subsequently been published in an academic journal, in this instance, The Economic Record, 1987. Another Discussion Paper (no. 172), which also draws on the ALS data, discusses Training in the Youth Labour Market in Australia. Both papers have generated considerable interest.

Australia’s immigration policy moved onto the political agenda during 1987. Accordingly, with the help of Dr Miller and funding from the Department of Immigration and Ethnic Affairs, the Centre presented a two-day conference, The Economics of Immigration. The conference brought together researchers from North America and Australia. It was attended by fifty participants drawn from universities, State and Commonwealth government departments and the private sector. The revised papers are being prepared by the Department of Immigration and Ethnic Affairs for publication by the Australian Government Publishing Service (AGPS). International speakers at the conference were Professor George Borjas, University of California, Santa Barbara; Professor Barry Chiswick, University of Illinois; and Professor Richard Freeman,
Harvard University. Professor Freeman heads the National Bureau of Economic Research (NBER) Immigration Project which is an international comparative study of the effects on local labour markets of immigration, imports and international capital flows. The project has involved teams of researchers from Australia, the US and Canada. The Centre for Economic Policy Research was responsible for establishing the Australian team of four researchers: Professor Gregory, Dr Chapman, Professor Barry Hughes (Newcastle University) and Professor Glenn Withers (La Trobe University). The Australian papers were presented to the NBER Immigration Conference, Cambridge, USA, in September.

A special feature of Australian economic policy over the last few years has been the close relationship between the government and the trade union movement. In response to this special feature of Australian economic policy, Dr Chapman, with Dr J. Beggs, has published a number of widely-cited papers that examine the relationship between The Accord and strike activity. They conclude that although strike activity seems to have fallen worldwide, the record in Australia suggests that the Accord has reduced strike activity over and above world trends.

The responsiveness of Centre researchers to current economic problems frequently leads to their direct involvement in the development of new policies. Dr Chapman was seconded as a Consultant to the Minister, Department of Employment, Education and Training; Professor Gregory was appointed by the Minister for Employment, Education and Training to a special committee whose brief is to consider funding options to allow for an expansion of tertiary institutions. During the year Centre members undertook consultancy contracts with the Office of the Economic and Planning Advisory Council.

Integration and co-operation with other research institutions

Tax reform is still very much an important policy issue, and the Centre has seconded Dr Patricia Apps from the University of Sydney to undertake research in this area. Dr Apps is involved in a long-term research project into labour supply and the effects of alternative tax and welfare policies. In December Dr Apps convened a one-day seminar on Tax and Welfare Policy, designed to provide practitioners in the public and private sector with a knowledge of modern methodologies for analysing tax reform and to present results from recent studies analysing incentive and distributional effects of policy options. The speakers were Ian Walker of the Institute of Fiscal Studies, London; Dr Glenn Jones, Macquarie University; Ms Elizabeth Savage, University of Sydney; and Dr Apps.

Since its establishment in 1980 the Centre has maintained an interest in econometric models of the Australian economy. In 1982, the Centre, in conjunction with the Treasury, organised a conference on the Treasury NIF10 model, the papers being subsequently published as a volume by the AGPS. Partly as a result of that conference, the Treasury
initiated a new model under the supervision of Dr Ric Simes. Dr Simes joined the Centre on a twelve-month secondment from Treasury, to write up the results of work on that model. The papers will be presented in early 1988 to a joint CEPR–Treasury Conference, The Australian Macroeconomy and the NIP88 Model, and will be published as a volume by the AGPS.

Another major Australian quarterly economic model builder is Mr C. Murphy, who has been recently recruited by the Statistics Department, The Faculties. His model was constructed while in the Public Service and was widely used for economic simulations of the Australian economy. In August, under the Centre’s auspices, and with Dr Simes as co-convenor, Mr Murphy organised a conference which reviewed recent developments in macroeconomic modelling in Australia and overseas. Professor Ken Wallis, Head of the Economics and Science Research Council Macroeconomic Modelling Bureau, UK, and Professor of Econometrics at the University of Warwick, was guest speaker. The revised papers will be published in a special issue of Australian Economic Papers.

Wider and speedier dissemination of research results

The Centre has a commitment to making the results of research on current economic policy issues quickly and readily available to a large audience. The conferences and Discussion Papers, separately and in conjunction, have proved effective means of meeting that commitment. In addition to an extensive international mailing list, there are continual requests for titles in the Discussion Paper series. Most conference and Discussion Papers are subsequently republished in academic books and journals.

The Centre also contributes to the direct dissemination of research on current policy issues by organising, as part of the Professional Development Programme of the Economic Society (Canberra Branch), the annual Senior Executive Residential Seminar. The 1987 seminar Developments in Economic Analysis: Regulation, Public Sector Efficiency and International Trade, focused on the reforms to the public sector and the privatization debate. Invited speakers were drawn from ANU, Professor Brennan, Mr Cornes, Dr Forsyth; other Australian universities, Professor Peter Swan, UNSW and Richard Downing, Professor, University of Melbourne, whose seminar addressed recent advances in economic demographic research; the Reserve Bank of Australia, Dr Adrian Blundell-Wignall; and from overseas, Professor Max Kreinin, University of Michigan, who presented a session on global current account imbalance, and Professor Allen Kelley, Duke University.

Staff and Visitors

Executive Director
R.G. Gregory, BCom(Melb), PhD(Lond), FASSA
Senior Research Fellow
B.J. Chapman, PhD(Yale), BEc

Visiting Fellows on Secondment
P.F. Apps, BArch(NSW), MED(Yale), PhD(Camb)
R.M. Simes, BCom(NSW), PhD(Penn), MEc

Visiting Fellow
Dr P.W. Miller, Brunel University

Research Assistants
C.E. Baird, BScEcon(Wales)
S. Pan, BSc, BEc
G. Taylor, BSc(W’gong)

Secretarial Staff
E. Berry (from June)
T. Nalty (to October)

Publications

Apps, P.F.

Apps, P.F. and Rees, R.¹

Beggs, J.J.³ and Chapman, B.J.

Chapman, B.J.

Chapman, B.J. and Alston, L.J.³
A tale of two cross-sections: arbitration and NSW wage structures

Chapman, B.J. and Mulvey, C.¹
‘An analysis of the origins of sex differences in Australian wages’, *Journal of Industrial Relations* December. 504–520.

Chapman, B.J. and Prior, H.³

Hatton, T.J.³ and Chapman, B.J.

Miller, P.W.


Miller, P.W. and Volker, P.A.⁶

Siriwardana, A.M.²

**Department of History**

In accordance with its established pattern, the Department’s central concern has been Australian history, with appropriate related or comparative work in British, Irish and Commonwealth history.

Fittingly its major collective achievement of 1987 was the completion, and seeing through the press, of the final volumes *Australians: a Historical Library*. Although the Project which produced these works was by no means confined to the ANU, History RSSS was its originator and provided its ‘headquarters’ and main driving force throughout. Most permanent members of the Department continued to be involved in the Project in 1987, but much the heaviest load was carried by Professor Inglis and Dr Martin.

Professor Inglis also furthered his work on his forthcoming *Peoples of Australia* and on a national survey of war memorials. Dr Martin completed his Outside Studies Program begun in London in October 1986, returned to Australia in April 1987 and worked in Sydney until July. In England, and subsequently in Sydney and Canberra, his chief work has been research and interviewing for his biographical study of R.G. Menzies.
Professor MacDonagh saw his biography of Daniel O’Connell (The Hereditary Bondsmen 1775–1829), and six chapters for various books of collected essays, through the press. His main work during the year consisted in the writing of part (approximately, one half) of his second book upon O’Connell and Anglo-Irish politics. He was elected Hon. Fellow of St Catharine’s College, Cambridge, in May.

Dr Smith began work on a history of health and ill-health in Australia, and presented papers at the NZHA Conference in New Zealand and the Irish-Australian Conference in Dublin.

Dr Eddy completed preparing for press his Britain and Australia 1831–67, and acted as joint-editor of three books, on colonial nationalism, comparative Australian and Canadian Federalism in the 20th century, and Australian administrative history. He also completed chapters for the Bicentennial Encyclopedia of the Australian People, and MacLeod, R. (ed) Government and Expertise 1815–1918.

Dr Hazlehurst saw his book on Gordon Chalk through press, and completed a history of ‘Australian Statisticians and the Development of Official Statistics’ for Year Book Australia 1988 (jointly with Professor Colin Forster, Economic History, The Faculties, ANU). He resumed research on the early history of television in Australia, the USA and the United Kingdom, and also on the political career of J.A. Pease, First Lord Gainford.

Dr Offer substantially completed the typescript of a book on the Economic and Social Origins of the Great War, and continued editorial work on the Historical Handbooks series in co-operation with Professor F.M.L. Thompson, with whom he is also co-operating on a projected conference on cereals in world history.

Dr Geary continued work on the evolution of the Irish poor law medical service and on public health in Ireland, 1800–1921. He contributed articles to Irish Historical Studies and the Journal of the Cork Historical and Archaeological Society.

Professor Mulvaney, a Visiting Fellow, completed a 75 000-word book on racial relations in Australia, for Queensland University Press. He was elected an Honorary Fellow in Archaeology, Museum of Victoria.

Among our postgraduate students, Rev. Paul Collins presented a paper at the international Ecclesiastical History Society Conference, Maynooth, Ireland, entitled ‘Ministry at the ends of the earth. Priests and people in NSW 1830–1840’. His book Mixed Blessings received an honourable mention in the Religious Book Prize 1987. Ms Philippa Mein Smith presented a paper to the NZHA Conference on ‘Truby King in Australia’; Mr John Delaney presented a paper to the AMBHA Conference, Melbourne, and Mr Julian Thomas presented a paper to the Fourth Australian History and Film Conference.
Staff and Visitors

William Keith Hancock Professor and Head of Department
O.O.G. MacDonagh, MA(NUI), MA,PhD(Camb), BL(King’s Inns), HonD(Litt(Flin), FBA, FAHA, FASSA

Professor
K.S. Inglis, MA(Melb), DPhil(Oxf), FAHA, FASSA

Professorial Fellow
F.B. Smith, MA(Melb), PhD(Camb), FRHistS, FAHA

Senior Fellows
J.J. Eddy, BA(Melb), DPhil(Oxf)
A.W. Martin, MA, DipEd(Syd), PhD, FAHA, FASSA

Fellow
Cameron Hazlehurst, BA(Melb), DPhil(Oxf), FRSL, FRHistS

Research Fellow
A. Offer, BA(Jerus), MA, DPhil(Oxf)

Postdoctoral Fellow
L.M. Geary, MA, PhD(NUI)

Visiting Fellows
Dr D. Bythell, History Department, University of Durham, England
Dr P.G. Edwards, Official History Unit, Australian War Memorial
Professor D.J. Mulvaney, formerly Prehistory, The Faculties, ANU
Dr P. Robinson, School of History, Philosophy and Politics, Macquarie University
Mr G. Souter, Assistant Editor, Sydney Morning Herald, Sydney

Research Assistants
J. Brazier, BA(Qld)
P. Crichton, BA
P. Hardy, BA(Melb)
M. Kerley, BA,DipEd(Monash), MA(LaT)
M.K. Stell, BA (Jointly with Bicentennial History Project)

Departmental Secretary
B. Gallina

Secretarial Staff
J.M. Aldridge, BA
A.W. Bundock, BA
H.E. Macnab
M.D. Penhaligon

Publications

Collins, P.
‘Australia’s first bishops’, Australasian Catholic Record 64. 189–99.


‘A good and honourable man’, review essay on W.J. Hudson, Casey, Island Magazine 33. 72–5.


Jalland, P.\textsuperscript{2}  

McCalman, I.\textsuperscript{2}  


MacDonagh, O.  


Martin, A.W.  


Mulvaney, D.J.

Offer, A.


Offer, A. and Thompson, F.M.L.¹ (eds)
*Historical Handbooks* (4 titles). Faber & Faber, London.


Roe, O.M.²

Smith, F.B.


Smith, P.L.M.⁵


Thomas, J.⁵
‘Comment: writing the history of popular culture’, *Australian Historical Association Bulletin* 51. 14–16.
History of Ideas Unit

The work of the History of Ideas Unit continues to focus on theoretically complex conceptions, theories and ideologies necessary for understanding or considering the human situation, knowledge, culture and society in the modern world. Such work has covered major topics and developments in the history of social, philosophical, scientific, psychological, legal and aesthetic thought, the Scottish Enlightenment, liberalism, Marxism, contemporary socialism and communism, natural law theories and human rights. The thinkers and developments studied have ranged over Europe, Asia, America and Australia and from the sixteenth century to the present.

Much of the Unit’s work has been devoted to the production of books and studies by individual members. Dr Brown’s book Analyzing Love appeared in the series ‘Cambridge Studies in Philosophy’ at the end of the year. The Australian Academy of the Humanities and Oxford University Press published the Academy’s Symposium Utopias edited by Professor Kamenka; a Tokyo publisher brought out a Japanese translation of the volume Human Rights edited by Professor Kamenka and Professor A.E.-S. Tay of the University of Sydney. With Professors R.S. Summers of Cornell University and W.L. Twining of the University of London, Professor Kamenka edited the volume Sociological Jurisprudence and Realist Theories of Law published in Berlin with contributions in French, German and English. Mr Goldberg transferred to the Department of Philosophy, RSSS, and completed his study of Shakespeare’s Antony and Cleopatra; Professor Kamenka wrote the volume on Bureaucracy for the Blackwell’s series ‘Perspectives on the past’. Dr Haakonssen contributed the chapter on Divine/Natural Law Theories in Ethics for the Cambridge History of Seventeenth Century Philosophy and prepared material on natural law for a volume on the eighteenth century. Dr Brown was engaged on a long article on ‘Australian philosophy in the 80s’ for the Canadian Journal of Philosophy and has signed a contract with Macmillan, New York, to produce a large anthology Classical Political Theory — From Plato to Marx. He has begun planning a history of the origin, growth and social consequences of deliberate social experiments, to be entitled Experimenting with Social Life. Professor Kamenka has been commissioned to write the chapter on ‘The Sydney School’ for a volume on Philosophy in Australia being edited by Dr J. Szrzednicki of the University of Melbourne.

Members of the Unit have continued to be active in the wider academic world in Australia and overseas. In collaboration with the Academy of the Humanities and with the help of Dr F.B. Smith (History, RSSS), the Unit organised another national weekend seminar on the History of Culture in Australia, dealing with primary schools, Anglicanism, science, journalism, music, drama and cinema. Dr Haakonssen organised a conference in Sydney on The Liberal Tradition, funded from outside the
University, at which leading scholars from Australia and overseas presented papers now being collected for publication as a book. Earlier, he took part in a seminar on ‘Liberty in Hume’s Essays’ held in Houston, Texas, and read papers at Johns Hopkins University and George Mason University. Professor Kamenka read papers to the Thirteenth World Congress of the International Association of Philosophy of Law and Social Philosophy in Kobe in August and the International Conference commemorating 100 years since the publication of Ferdinand Tönnies’ *Gemeinschaft un Gesellschaft* held in Kiel in November. Dr Haakonssen and Professor Kamenka have been asked to join the Secretariat of the International Association of Philosophy of Law and Social Philosophy, which will be located in Australia for the next four years, and to edit the Association’s International Newsletter.

Professor Passmore spent the earlier part of this year working on his book *Serious Art* and gave a seminar to History, RSSS, on editing Bertrand Russell. In May he returned to McMaster University to resume his work there as Visiting Distinguished Professor of Russell Studies and General Editor of the Bertrand Russell Project. The first volumes completed as part of that project, volumes 9 and 13, are now being made ready for publication; Professor Passmore also made considerable inputs into volumes 3 and 6. In August he represented the Australian Academy of Science at the International Conference on Logic, Methodology and Philosophy of Science, held in Moscow. He then attended the meeting of the Institut International de Philosophie, of which he is a member, and lectured at Stockholm University.

Shorter-term visitors also played an important part in the work of the Unit. Dr Csaba Varga of the Hungarian Academy of Sciences worked and gave seminars on the theoretical understanding of the Judicial Process, the philosophy of Georg Lukács and Marxist theories of law. Professor George Feaver of the University of British Columbia worked and read papers on contemporary British political thought and the tradition of Liberalism. Professor James Moore completed the draft of a book on the relations between Francis Hutcheson and David Hume and studies on John Locke and the jurists. Dr Stefan Collini of Clare Hall, Cambridge, gave seminars on moral thought and social criticism in Victorian England. Other visitors taking part in the Unit’s weekly seminars that ran from February included Professor Jean Chesneaux of the Sorbonne, Drs D.J. Neale and Martin Krygier of the University of NSW, Mr Alan Ryan of New College, Oxford, and Professors Donald Winch, Sussex and Ken Minogue, LSE. The Unit also organised two very well-attended public lectures ‘In celebration of great thinkers’ with Mr Alan Ryan on Bertrand Russell and Emeritus Professor Peter Munz of Victoria University of Wellington on Karl Popper.

During the year Miss Clare O’Farrell successfully submitted her thesis, *The Foucault Phenomenon*. Mr Norbert Zmijewski, who completed his course at the end of the year, lodged notice of his intention to
submit his thesis on the Marxist-Catholic Dialogue in Post-War Poland. Mr Sanjay Seth, working on Marxism in India, also completed his course at the end of the year and Mr Hong Li-Jian has commenced his studies of Marxism and the Historiography of China, with special reference to the Asiatic mode of production in modern Chinese Marxist thought. With Mr Goldberg’s departure from the Unit, Mrs Frances Dixon has transferred her PhD candidature to the Department of English in The Faculties; Miss Lane resigned in March, near the expiration of her course, to go abroad. A new student, Mrs Lisbeth Haakonsen, began work in September on the Idea of a Liberal Profession, turning initially to the late eighteenth and early nineteenth century discussion of medicine and morals in the work of Scottish-trained doctors of the period.

Staff and Visitors

Professor and Head of Unit
E. Kamenka, BA(Syd), PhD, FASSA, FAHA

Senior Fellow
S.L. Goldberg, BA(Melb), BLitt(Oxf), FAHA (until May)

Senior Research Fellow
K. Haakonsen, MagArt(Copenh), PhD(Edin)

Visiting Fellows
Emeritus Professor J.A. Passmore, Australian National University
Dr R.R. Brown, Australian National University
Dr S. Collini, Cambridge University
Professor G. Feaver, University of British Columbia
Professor Dr H. Klenner, Academy of Sciences of the DDR
Professor J. Moore, Concordia University
Professor A. Ryan, New College, Oxford
Dr Cs. Varga, Hungarian Academy of Sciences

Research Assistants
E.Y. Short, MA(Edin)
A. Lane BA(Qld), MA(Adel) (until March)
F. Dixon BA(ANU) (from April)
N. Zmijewski Mag(Warsaw) (from November)

Secretary
V. Wetselaar

Secretarial Staff
W. Hare
Publications

Black, A.2

Brown, R.

Francis, M.2

Haakonssen, K.
‘Review article: Werner Schneider’s Aufklärung und Vorurteilskritik’, Rechtstheorie 18. 121–5.

Kamenka, E.
Marxism, Communism and Social Democracy. In Fletcher, R. (ed), From Bernstein to Brandt: 100 Years of German Social Democracy, Edward Arnold, London. 212–7.
Kamenka, E. (ed)

Kamenka, E., Summers, R.S.¹ and Twining, W.L.¹ (eds)

Kamenka, E. and Tay, A.E.-S.¹


‘Socialist legality or administrative justice in the USSR and China?’, _Bulletin of the Australian Society of Legal Philosophy_ 10(38/9). 225–37.


Kamenka, E. and Tay, A.E.-S.¹ (eds)

Klenner, H.²

Megill, A.²

Passmore, J.A. (General Editor)

Passmore, J.A.


### Department of Law

The work of the Department focussed primarily on the relations between legal and social theory and law and social change.

Dr Sack *inter alia* completed the editing of an English version of Thurnwald’s main work on Melanesian law; presented a paper on the relations between law, morals and religion in Melanesia at the IVR Congress in Kobe; continued preparations for a case study of the role of law in colonial expansion; and began to draft the 1988 Krishna Menon Lectures which will consider the alleged failure of the Indian Constitution to bring about a fundamental social revolution.

Dr Neal, on secondment from the University of NSW, began to revise for publication his thesis on the rule of law in the early penal colony of New South Wales, before taking up an appointment with the Victorian Law Reform Commission. Dr Casino, of the ASEAN Law and Jurisprudence Academy, studied a collection of materials on customary law in the Philippines held by the National Library. Professor Jayakumar, a visitor from the Centre for Advanced Legal Studies and Research in Kerala, compared various matrimonial property regimes to ascertain their practicability in the Indian social and political context. Professor Hagino, of Nanzan University, collected Australian materials for a comparative study of immigration laws.

Four PhD students were enrolled, although Don Fleming was granted a suspension of his course for most of the year. Val Haynes and Archana Parashar continued work respectively on urban land problems in Papua New Guinea and law reform and the position of women in India. They are both due to submit in the course of 1988. Bernard Sakora began work on a comparative study of the legal aspects of public administration in small island states.

### Staff and Visitors

**Senior Fellow and Head of Department**
P.G. Sack, Assessor(Hamburg), PhD

**Visiting Fellow on Secondment**
D.J. Neal, BA, LLB(Melb) MA,PhD(Calif)
Visiting Fellows
Dr E. Casino, ASEAN Law and Jurisprudence Academy, Philippines
Professor Y. Hagino, Nanzan University, Japan
Professor N.K. Jayakumar, Centre for Advanced Legal Studies and Research, India

Research Assistants
M. Davies, BA
S. Morton, BA
J. Robinson, BEc,Dip.Ed(Monash) (from September)

Department Secretary
J. Tode (on leave)
B. Fraser (acting, from February)

Publications
Sack, P.

Ethnographische Beobachtung als Basis für die Rechtsvergleichung. In E.J. Lampe (ed) Beiträge zur Rechtsanthropologie, Franz Steiner Verlag, Wiesbaden. 182–89.


‘Normativity and probability: pure law and the social sciences’, Rechtstheorie 18. 97–104.


Department of Philosophy

The Department's research interests continued to be focussed in the three areas of: Logic, with particular emphasis on non-classical logic and automated theorem proving; Epistemology and Metaphysics, with particular emphasis on the philosophy of psychology; and Social and Political Philosophy, with particular emphasis on applied ethics. Professor Jackson published a book on conditionals, and is currently working on the metatheory of moral obligation and on psychological explanation. Dr Sterelny published a book with Dr M. Devitt of Sydney University on philosophy of language, and is currently working in the area of the philosophy of psychology generally known as cognitive science and also on evolutionary theory. He was promoted to Senior Research Fellow mid-year. Dr Sylvan, together with Dr Graham Priest of the University of Western Australia and Ms J. Norman, edited and substantially contributed to collections of essays on relevant logic and on paraconsistent logic, and Dr Sylvan continued work on regional phil-
osophies and deep ecology. Dr Prior Jonson completed work on a book on the ethical issues raised by AIDS, and is currently working on moral questions raised by incest. Dr McRobbie and Dr Meyer are currently with the Automated Reasoning Project and details of their research are given in the Project’s report.

The Department conducted an almost weekly seminar series, often given by a speaker from outside the Department, and in addition a number of more informal seminars focussed on particular subjects. Themes that were prominent in this year’s seminars were: belief revision, broad psychology, cosmology, causation and semantics. Our visiting fellows and our research scholars played a prominent and valuable role in these seminars.

Dr G. Gaus left at the beginning of the year to take up a lectureship in the Department of Politics at the University of Queensland and Dr Prior Jonson joined the department in May.

Staff and Visitors

Professor and Head of Department
F.C. Jackson, BSc,BA(Melb), PhD(La Trobe), FAHA

Senior Fellows
R.K. Meyer, BA(Lehigh), BD(PrinTheolSem), MA,PhD(Pitt), FAHA
R. Sylvan, MA(NZ), MA,PhD(Prin)

Reader (on temporary transfer from The Faculties):
M.A. McRobbie, BA(Qld), PhD, Executive Director, Centre for Information Sciences Research

Senior Research Fellow
K. Sterelny, BA,PhD(Syd)

Postdoctoral Fellow
E.W. Prior Jonson, BSc,BA,PhD(Syd)

Visiting Fellows
Dr M. Davies, Birkbeck College
Professor P. Gärdenfors, Lund University
Professor J. Leslie, University of Guelph
Dr R.E. Pope, University of New South Wales
Professor R. Stoothoff, University of Canterbury

Research Assistants
D. Braddon-Mitchell, BA
C.T. O’Connell, BA,PhD(Queen’s,Belf)
D.J. Trew, BA, GradDipLib(WAIT)

Department Secretary
L. Hugh

Secretarial Staff
F. Redrup
Publications

Devitt, M.¹ and Sterelny, K.  

Fuhrmann, A.⁵  


Jackson, F.  


Jackson, F. and Paragarther, R.¹  


‘The two puzzles about conditional obligation’, Philosophical Papers 16. 75–84.

Pettit, P.³, Sylvan, R., and Norman, J.² (eds)  

Paregasus, R.J.¹ and Prior, E.W.  

Sterelny, K.  

Sylvan, R.  
‘Language, thought and representation of “the” world’, Revue Internationale de Philosophie 41. 64–96.


‘Intuitionist logic — subsystem of, extension of, or rival to, classical logic?’ Philosophical Studies 52. 27–31.


‘Wissenschaft, Mythos, Fiktion: Sie alle überschreiten die Grenzen

Department of Political Science

The Department of Political Science pursues three broad programs of research, each of which represents the principal interests of one or more tenured members of staff. These programs have some continuity, since the members of staff concerned have had long associations with the Institute, but the focus of the research has changed over the years to take account of theoretical and methodological shifts within the discipline, as well as of events in the real world of politics itself.

The oldest of these research programs is Australian politics, represented by Professor Aitkin, Mr Castles, Dr Mughan, Dr Galligan and Dr Coram. One distinctive character of this program is its emphasis on survey research and political behaviour, which matches a comparable emphasis in technique in the Department of Sociology. Another is its concentration on some central aspects of Australian politics and govern-
ment: federalism, business and government, the party system, and public policy. A third is its comparative focus. These interests are pursued as appointments permit, since the group is too small for all to be followed at once. In 1987 members of the group were working in political behaviour (Dr Mughan), public policy (Mr Castles and Dr Coram), federalism (Dr Galligan), business and government (Dr Galligan), and science policy (Professor Aitkin).

The role of trade unions in Australian political life has been another particular interest of the Department, and it reflects Dr Rawson's international standing as a scholar of unions, unionism and Labor parties. In the last few years his research work has been supported by a School Project on the Law and Politics of Industrial Relations. Like that in Australian politics, this research program has a comparative focus: what is singular, and what is not, about the Australian experience of unions and politics?

The third research program in Soviet and East European government and politics, in which the principal researchers are Dr Rigby and Dr Miller, joined by Mr J. Miller on secondment from La Trobe University. Here current and recent emphases have been on the development of the Soviet socio-political order, the structure, leadership and operation of that system, the management of Soviet R&D, and the membership of the CPSU; the political systems of Yugoslavia and Poland are also under scrutiny. This group has no real counterpart in Australia, and is an international leader in Soviet Studies, a status reflected in the award to Dr Rigby of a Special Professorship early in the year.

In addition, the Department plays an important role in the organisation of political science in Australia and its region. In 1987 it housed the secretariat of the Australasian Political Studies Association and produced the Association's Newsletter. Through its Federalism project it co-ordinates the work of some thirty political scientists in other universities working in the fields of federalism and comparative State politics, and produces another Newsletter arising from this work. It established, and sponsored for a time, a meeting of heads of departments of political science. And it has been responsible for building a microfiche collection of newspaper cuttings on Australian politics and government which is widely used within the University; copies of the microfiche collection have been secured by university libraries elsewhere in Australia.

In 1987, as in past years, members of the Department undertook a variety of teaching responsibilities, principally in the Faculties of Arts and Law, and served on a wide range of committees and in other administrative capacities.
Staff and Visitors

Professor and Head of Department
D.A. Aitkin, MA(NE), PhD, FASSA

Professor
T.H. Rigby, MA(Melb), PhD(Lond), FASSA

Senior Fellows
D.W. Rawson, MA, PhD(Melb), FASSA
R.F. Miller, BA(Mich), MA,PhD(Harv)

Senior Research Fellows
F. Castles, BA(Leeds)
A. Mughan, MA(Lanc), PhD(Iowa)

Research Fellow
B. Galligan, BCom,BEc(Qld), MA,PhD(Tor)

Postdoctoral Fellow
B.T. Coram, BA(Tas), PhD(Syd)

Visiting Fellow on Secondment
J. Miller, MA(Camb)

Visiting Fellows
Professor A.H. Birch, University of Victoria, Canada
Mr B. Dexter, Department of Foreign Affairs, Canberra
Dr C. Fisher, The Australian National University
Dr J. Frentzel-Zagorska, Institute of Culture, Warsaw
Emeritus Professor F. Gruen, The Australian National University
Mr R. Hyslop, retired Public Servant, Canberra
Dr J. Krakowski, Brookings Institution, Washington
Dr J. Lowenhardt, University of Leiden, The Netherlands
Professor S. Minagawa, Nanzan University, Japan
Professor P.H. Russell, University of Toronto, Canada
Professor C. Seymour-Ure, University of Kent, Canterbury, UK
Professor H. Valen, Institute for Social Research, Oslo, Norway
Dr P. Wilenski, Public Servant, Canberra

Research Assistants
Z. Dolgopolova, BA(USSR), PhD (Melb)
G. Evans, BCom(Melb), BA
R. McCaskie, BA(Qld)
E.V. Merrill, BA(UCBerk)
G. O’Loghlin, BA(Melb)
S. Wrightson, BA

Departmental Secretary
B. Coles

Secretarial Staff
A. Allen (until July)
L. O’Connor (from July)
C. Treadwell
Publications

Aitkin, D.

Castles, F.G.
‘Neocorporatism and the “happiness index”, or what the trade unions get for their co-operation’, *European Journal of Political Research* 15. 381–93.


Fisher, C.²

Frentzel-Zagorska, J.
‘Dominant political culture in Poland’, *Politics* 20(1), 1985. 82–98.

Galligan, B.
‘The regulation of direct foreign investment in the Australian mining sector’, *Politics* 22. 35–46.
Gruen, F.
‘Housing Australians: puzzles, policies; but no “solutions”’, *Housing Australians*, Institute of Applied Economic and Social Research, University of Melbourne. 1–23.

Howard, M.¹

Hughes, C.A.² and Aitkin, D.

Miller, J.H.
‘Planning party membership: how successful can it be?’ *Studies in Comparative Communism* XX, 3–4, Fall/Winter 1987.


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Miller, R.F.


‘Church and state in Yugoslavia: exorcising the spectre of “clerico-nationalism”’, *The South Slav Journal* 10(2). 9–29.

‘Will the next seventy years be “even better”?’ *Radio Liberty Research, RL 429/87*. 1–5.

Minagawa, S.
‘Soviet studies in Australia’, *Soren Kenkyu* 3(2), Tokyo, 36–46.

Mughan, A.
“The “hip pocket nerve” and electoral volatility in Australia and Great Britain”, *Politics* 22. 66–75.

McAllister, I. 6 and Mughan, A.  


'Party commitment, vote switching and Liberal decline in Australia' *Politics* 22. 75–83.


Rawson, D.W.  


Rigby, T.H.  


Skene, G.  


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**Department of Sociology**

The main focus of research in the Department is social inequality, equality of opportunity, and relative equity issues in Australian society and other industrialised countries. Processes which have received special attention in recent years are social mobility, political change, social control and business regulation, and participation in education and the labour market. Gender, ethnic, and life-cycle inequalities have been studied from both theoretical and applied perspectives.

Professor Jones completed his chapter for the Bicentenary volume edited by Professor Keith Hancock for the Academy of the Social Sciences in Australia. It dealt with changing attitudes and values in postwar Australia and used several opinion polls from 1949 to 1983. From this research, he co-authored a paper on the changing structural base of Australian politics with Professor Ian McAllister of the Australian Defence Forces Academy. He also completed a reanalysis of an earlier paper comparing patterns of social mobility in Australia and Japan, as well as revising several other papers for publication.
He was a discussant for two papers at the Economics of Migration conference held in Canberra. He presented a paper on class measurement to a workshop on social class measurement organised by Dr J. Najman for the Public Health Association of Australia and New Zealand. He began work on a paper on Australian mobility patterns for a conference to be held in March 1988 in West Germany organised by the Directors of the CASMIN (Comparative Analysis of Social Mobility in Industrial Nations) project. He also began an overview of research into the labour market experience of immigrants commissioned by the Office of Multicultural Affairs. In addition to supervising three graduate students, he also supervised the thesis of a sociology honours student in the Faculty of Arts. He was invited to join the Program Committee of the International Sociological Association, as its representative for Australia and New Zealand. This Committee will have its first meeting in Rome in February 1988.

Dr Anderson completed his program of work on youth policy with publication of the monograph, *Moving from School to Work*. He helped organise a regional conference, held in Canberra, for the International Sociological Association on Youth and Nation-building, to which he also contributed a paper ‘Bureaucracy versus participation’.

His continuing work involved three related studies: the professions’ longitudinal data set; public/private schooling; and access to higher education. On the first topic, he completed an analysis of changes in political preferences among engineers, lawyers, doctors and teachers from the time they were students to twelve years after graduation.
Dr Anderson’s research on public/private schooling has concentrated on the effects which schools have on their students’ political and religious values. A paper on this subject has been accepted for publication by the International Journal of Education Research. He also visited New Zealand to investigate the integration of Catholic schools into the public system.

Analysis on higher education makes use of information from the National Social Science Survey (NSSS) and the Australian Council for Education Research (ACER) longitudinal survey. Evidence points to a continuing decline during the 1980s in equality of access to universities and colleges of advanced education. A report on the topic was prepared for the Minister of Employment, Education and Training.

Dr Anderson is on the editorial board of the Journal of Higher Education, Research and Development, and a member at large of the Executive of the International Sociological Association’s Research Committee on Youth.

Dr Kelley continued as Director of the NSSS and Australian organiser of the International Social Survey Programme (ISSP). Together with Drs Bean and Evans, he attended the ISSP working session in Budapest, to design the 1988 survey on values concerning the family. In mid-year, the NSSS fielded the second ISSP module on social networks as part of a panel survey based on the first NSSS sample. Over 1300 completions were obtained and the data will be released in 1988 through the Zentralarchive of the University of Koln, together with comparable data for seven other nations. This survey also included a module on foreign aid, designed in collaboration with the Australian Development Assistance Bureau.

The 1987 ISSP module on inequality, largely designed by Drs Kelley and Evans, has been fielded in Britain, the United States, Germany, Holland, Italy, and Hungary, as well as in Australia. This module of the NSSS went into the field in December, with a planned national sample of over 2000 respondents. In addition to the ISSP module, this survey includes several innovative approaches to inequality and distributive justice; a special Australian/Hungarian comparison (in collaboration with Professor Kolosi in Budapest); and new questions on sources of earnings, and the social mobility of grandparents, siblings, and offspring. Data from the ISSP on the role of government, which was part of the 1986 NSSS, were released in December by the Zentralarchive of the University of Koln. This release includes comparable data from Australia, Britain, the United States, Germany, Italy, the Netherlands, and Austria. The Australian survey also included a module on further education, designed in collaboration with the Commonwealth Tertiary Education Commission. Dr Kelley presented a paper using data from this survey, entitled ‘Class, ideology and party’, at the meetings of the American Sociological Association in Chicago. He presented another paper, ‘The Legitimation of Inequality’, with Dr Evans, also based on
the NSSS, at the International Sociological Association’s Research Committee on Social Stratification meeting in Berkeley. Together with Dr Bean, he has edited a book of research based on the NSSS, to be published by Allen and Unwin.

Dr Kelley continued his research on social stratification. In collaboration with Professor A.D. Haller (University of Wisconsin) he worked on a study of economic development and inequality; on a comparative project with Professor Donald J. Treiman (UCLA); and on transmission of attitudes and values from parent to child with Professor Melvin Kohn (The Johns Hopkins University). A paper, ‘Class conflict or ethnic oppression?’, was accepted for publication in *Rural Sociology*, and another was presented to the International Conference on Inequality organized by the University of Utah. He also continued work on political sociology. A paper, ‘Political leaders in Australia’, was accepted by *Politics: The Journal of the Australasian Political Studies Association*. Another, ‘Political ideology in Australia’, is to appear in the book he is editing with Dr Bean, as is a third, ‘Should abortion be legal?’, written with Dr Evans.

Most of Dr Braithwaite’s year was devoted to writing a book with Dr Pettit of the Director’s Section, RSSS, entitled *Not Just Deserts: A Republican Theory of Criminal Justice*. This is a normative theory of criminal justice which complements Braithwaite’s positive theory, *Crime, Shame and Reintegration*, which has been accepted for publication by Cambridge University Press. *The Journal of Social Issues* is devoting an entire issue to an article written by Dr Braithwaite with Professors Fisse and Geis entitled ‘Covert facilitation and crime’, and seven commentaries on it, and a reply by the authors. Dr Braithwaite was also invited by the American Society of Criminology to present a plenary paper at the Annual Meeting of the Society on ‘The state of criminology’. The Attorney-General of California invited Dr Braithwaite to participate in a discussion on the measurement of white-collar crime at the University of California, Berkeley. Dr Braithwaite served the Commonwealth government as a member of the Economic Planning Advisory Council and as a Part-Time Commissioner with the Trade Practices Commission. Dr Braithwaite Chaired the Social Policy Committee of the Alcohol and Drug Foundation of Australia, and served as a member of the Advisory Committee of the Institute of Criminology, the University of Sydney Law School, the Editorial Advisory Board of *Law and Policy*, and the New South Wales Police Education and Training Advisory Council.

Dr Etzioni-Halevy continued her research on national broadcasting corporations. Her book entitled *National Broadcasting Under Siege: A Comparative Study of Australia, Britain, Israel and West Germany* was published during the year by Macmillan. She continued her research on political corruption in Western-style democratic political frameworks, and also wrote occasional articles for *The Canberra Times*. 
Dr Zagorski continued his analyses of socio-economic achievement in segmented economies. He completed the macro-economic analysis and began regional analyses. The latter have been conducted in cooperation with the Department of Immigration, Local Government and Ethnic Affairs. The second area of Dr Zagorski’s work concerned social mobility. He presented two papers on social mobility, one at the meeting of Research Committee on Social Stratification of the International Sociological Association in Berkeley, and the other at the meeting on socio-economic development and inequalities in Salt Lake City (USA). The first paper concerned mobility between industries and between categories defined by work content, while the second (co-authored with Dr J. Kelley) concerned the comparative analysis of changes in Polish and Hungarian social mobility after the introduction of socialist political systems. All these analyses will form part of a planned book on work roles and socio-economic structure.

Dr Zagorski also combined his interest in social structure with the analysis of political values and public opinion. He has submitted for publication two articles on these issues. One analyses the social composition and ideological integrity of the Australian ‘left’ and ‘right’. The other concerns socioeconomic determinants of public opinion about taxation and government spending. Both use NSSS data. The first was also presented at the meeting of the Australasian Political Studies Association in Auckland (New Zealand). Dr Zagorski also completed editorial work on his reader on Australian regional development, which will appear as an Australian Government Printing Services publication.

Dr Evans continued her work on immigrants in the Australian labour market, focusing on sources of group differences in small business ownership. She presented papers on this topic at a meeting of the International Sociological Association’s Research Committee on Social Stratification and Mobility, at the East-West Population Institute, and at the University of Michigan. She also prepared a paper on the timing of the decision to become an Australian citizen (to appear in the International Migration Review), and wrote a paper with Professor Jones and Dr Kelley about perceptions and experiences of job discrimination against immigrants (to appear in Society and Politics in Australia edited by J. Kelley and C. Bean).

Dr Evans also analysed women’s labour force participation. Her paper on working wives in Australia will also appear in Society and Politics in Australia. She and Professor Helcio U. Saraiva of the University of Wisconsin, Madison, wrote a paper on how socioeconomic development and individual characteristics influence women’s labour force participation in Brazil, which they presented at the Annual Meeting of the American Sociological Association.

Dr McCallum continued work on social gerontology and the sociology of religion. He is co-editor with Dr Kendig (Urban Research Unit) of a text on policies for the aged. He wrote the chapter on Australia
for a text on social welfare in developed market economies. In collaboration with other academics, he completed studies on the impact of ethnicity in old age in Australia and on the nature of retirement decisions in Japan and Australia, as well as work on religion. With the growing interest in ageing in the Asia and Pacific Region, he has been called upon to provide expert papers in Japan, an East-West Center Conference in Singapore, and an ESCAP programme in Bangkok.

Dr McCallum is Chairman of the National Catholic Research Council, a member of the Income Policy Committee of the Australian Council on the Ageing and a member of the organising committee for the Sociological Association of Australia and New Zealand (SAANZ) Conference in 1988. During the year he presented papers to the annual meeting of the SAANZ, the Behavioural Medicine Conference, the Australian Dutch Migrant Association, the ACT Council on the Ageing, the Canberra Society for the Study of Religion, the Australian Studies Center at Nanzan University in Nagoya, the Seminar on Research on Aging in Asia and the Pacific, the International Association of Gerontology Conference, and the ESCAP Seminar on Infrastructures for the Aged in Asia and the Pacific. He was awarded an Australian Academy of Social Sciences Grant for study in Japan.

Dr Bean continued work on data analysis from the NSSS. He wrote a paper on political participation using data from the first round of the NSSS and is currently analysing data from the third round of this survey (which incorporate a panel from the first round). He also continued research on aspects of electoral behaviour in New Zealand. Dr Bean attended the annual meeting of the International Social Survey Programme held in Budapest, and in August he attended the Australasian Political Studies Association conference in Auckland. He also helped advise the Australian Development Assistance Bureau on the design of survey questions they were sponsoring in the NSSS.

Professor Barnes completed a memoir on the life and work of Sir Edward Evans-Pritchard, which is scheduled to appear in the 1988 volume of the Proceedings of the British Academy. In collaboration with Dr S. Drucker-Brown, he also produced an updated list of the writings of Meyer Fortes, which has now been published. Throughout the year, Professor Barnes has been involved with issues in professional ethics. He served as a member of the working party on ethics established in 1986 by the Academy of the Social Sciences in Australia, and chaired a discussion on this topic at the 1987 meeting of the Academy in Melbourne. Earlier he read a paper on the inappropriateness of biomedical ethical models as applied to social research to a seminar in the History and Philosophy of Science Department, University of Melbourne. He also circulated copies of this paper to heads of all departments of Sociology and Anthropology in Australian universities. Professor Barnes continued to collect material for a book on the sociology of lying, and read a paper on this topic at the University of Oslo.
Professor Zubrzycki left the department in March, after which he went to the University of Melbourne as the G.E.M. Scott Visiting Fellow for 1987. In August he went to The Pennsylvania State University on a Visiting Fellowship for one semester.

Staff and Visitors

**Professor and Head of Department**
F.L. Jones, BA(Syd), PhD, FASSA

**Profesorial Fellow (Education Research)**
D.S. Anderson, MA, PhD (Melb)

**Senior Fellow**
J. Kelley, MA(Camb), MA, PhD (UCBerk)

**Senior Research Fellows**
J.B. Braithwaite, BA, PhD (Qld)
K. Zagorski, mgdr (Warsaw), DrHabil (Polish AcadSci)

**Reader, Sociology, The Faculties**
E. Etzioni-Halevy, BA (Hebrew), MA, PhD (Tel-Aviv) (until June on temporary transfer)

**Research Fellows**
M.D.R. Evans, BA (Reed) MA (Ill), PhD (Chic)
L. Devereaux, AM, PhD (Harv)
J. McCallum, BEc (Qld), MPhil, DPhil (Oxf)

**Postdoctoral Fellow**
C. Bean, MA (Cant), PhD

**Visiting Fellows**
Emeritus Professor J.A. Barnes, University of Cambridge
Dr B. Headey, Melbourne
Mr Ruud Luijkx, Tilburg University
Mr P. Brannen, London
Emeritus Professor J. Zubrzycki, Australian National University (until March)

**Research Assistants**
P. Anderson, BSc, PhD (until November)
C. Coombes (from March)
J.W. Morris, BA (DDIAE)
M. Robertson, BA (Syd)

**Department Secretary**
B.K. Bullpitt

**Secretarial Staff**
K.H. Tran
E.A. Robinson (from February)
Publications

Anderson, D.S.


'Youth attitudes and the planning of secondary schools', Prospects XVIII(1). 49–61.


Barnes, J.A.


'Citation classic comment', Current contents (Social and Behavioural Sciences, and Arts and Humanities) 9(23). 16.

'Educational codes of professional ethics', Nexus 30. 15–16.

Barnes, J.A. and Drucker-Brown, S.1


Bean, C.

'An inventory of New Zealand voting surveys 1949–84', Political Science 38. 172–84.


Braithwaite, J.


Braithwaite, J., Grabosky, P.1 and Walker, J.1

Etzioni-Halevy, E.  


Evans, M.D.R.  


‘The origins of ethnic enclave economies: protected markets and protected labour forces’. Presented to the International Sociological Association’s Research Committee on Social Stratification. 1–34.

Evans, M.D.R. and Jones, F.L.  

Fisse, B.¹ and Braithwaite, J.  


Grabosky, P.¹, Braithwaite, J. and Wilson, P.⁶  

Jones, F.L.  

‘Marriage patterns and the stratification systems: trends in educational homogamy since the 1930s’, *Australian and New Zealand Journal of Sociology* 23. 185–98.


Kelley, J.  

Kelley, J., Cushing R.G.⁴ and Headey, B.²  

McCallum, J.  


‘Roorei mondai to sono tekiyoo (Ageing and adjustment)’, *Shakai Roonengaku* (Social Gerontology) 1. 61–66. In Japanese.


McCallum, J. and Henry, J.P.1


Zagorski, K.


Zubrzycki, J.


Department of Statistics

The Department hosted two research workshops in 1987. A Workshop on Statistical Inference was held to take advantage of the presence of Professor Sir David Cox as a Visiting Fellow. Professor Cox presented a connected series of lectures and seven other invited speakers provided related talks. Some 50 participants attended and most states were represented.

The other workshop was held on the subject of Youth Employment in Australia. This dealt with work-in-progress for a Bicentennial Project being undertaken by the Statistical Society of Australia in which all state branches are contributing and some 25 participants attended. Professor Heyde is one of the three Project Co-ordinators.

Dr Hall was honoured for his research by election to the Fellowship of the Australian Academy of Science and by the award of the Edgeworth
David Medal of the Royal Society of New South Wales. He continued to work on resampling technology, projection pursuit, nonparametric regression, nonparametric density estimation, estimation in linear models and limit theory. He gave a Special Invited Paper to the Annual Meeting of the Institute of Mathematical Statistics held in San Francisco.

Dr Daley completed his monograph on point processes with Professor Vere-Jones, University of Wellington. He continued his research on statistical properties of educational measurements and in applied probability, particularly in the areas of queueing and inequalities.

Professor Heyde continued his research on optimality properties for estimating functions. He has developed methods for optimal combination of estimating functions from different classes and, together with Mr P.M. Kulkarni of La Trobe University, methods of optimal robust estimation. Both fixed sample and asymptotic contexts have been considered and a new concept of information introduced. Other projects have involved studies of asymptotic efficiency for the method of moments, and of inference for linear time series models where the innovations may not be martingale differences. As part of the Statistical Society of Australia’s Bicentennial History Project, of which he is one of the two co-ordinators, he has examined the development of official statistics in the late colonial period in Australia and especially how the work of the first two Commonwealth Statisticians followed on from this.

Dr Miles continued work on his monograph on scoring systems and his research in stereology. He completed his term of office as President of the International Society of Stereology in September.
The major research activity of Dr Osborne has been a careful study of Fisher's method of scoring. Results obtained include an improved algorithm for maximising likelihoods in the multinomial case and an approach to estimating covariance matrices for structured multivariate normal data. He has also worked closely with PhD students Ms Prvan, Mr Sun and Ms George.

Ms Prvan completed her thesis which involved a study of the conditioning of algorithms for computing smoothing splines. A joint paper was produced with Dr Osborne on the stable calculation of the RTS smoothing algorithm.

Mr Sun has been working on a new approach to trust region algorithms by including 'supermemory' information and a stable implementation of the SR1 conjugate direction update for unconstrained optimisation. He has been able both to stabilise this update and to obtain optimal parameter estimates, and the numerical results are most promising.

Mr Poskitt continued his research into general problems of statistical model building and, in particular, procedures for the estimation of time series processes, including real time calculations. He also worked closely with PhD students Mr McDougall and Ms Mackisack.

Dr Wilson continued her work on the statistical analysis of DNA sequences. With the advent of DNA technology, much current emphasis in genetic epidemiology has been focussed on mapping a (possible) disease locus to its correct chromosomal position. This is done through analysis of linkage data between the disease locus and marker loci and has involved enormous computational effort. However, Dr Wilson has developed a major simplification for ordering the loci without this effort. She has also been carrying out research on the analysis of anthropometric measurements in fragile X and normal individuals, concentrating on comparison of statistical techniques. With Ms Pittelkow she has continued to provide a statistical consulting service within the Research Schools of Social Sciences and Pacific Studies.

Staff and Visitors

Professor and Head of Department
C.C. Heyde, MSc(Syd), PhD, DSc, FAA

Professorial Fellow
M.R. Osborne, BA(Melb), PhD(Lond), FAA

Reader
P.G. Hall, BSc(Syd), DPhil(Oxf), MSc, FAA (jointly with Statistics, Faculty of Economics and Commerce)

Senior Fellows
D.J. Daley, MA,BSc(Melb), MA,PhD(Camb)
R.E. Miles, MA,PhD(Camb)
S.R. Wilson, BSc(Syd), PhD
Research Fellow
D.S. Poskitt, BA(York), MSc(Lond)

Visiting Fellows
Professor R.J. Carroll, University of North Carolina
Professor Sir David Cox, Imperial College, London
Professor J. Gani, University of California, Santa Barbara
Professor J.G. Mauldon, Amherst College, Massachusetts
Professor T. Nakata, Chukyo University, Nagoya
Professor M. Overton, New York University
Professor W. Schucany, Southern Methodist University, Dallas
Professor G.K. Smyth, University of California, Santa Barbara
Professor R.W. Wolff, University of California, Berkeley

Research Assistants/Programmers
P.D. Byrne, BA (until August)
Y. Pittelkow, BA,DipEd(Macq), GradDipStats(CCAE)

Departmental Secretary
J.J. Goodwin, BA(CCAE)

Publications

Daley, D.J.

Daley, D.J. and Eyland, A.¹

Daley, D.J. and Vere-Jones D.²
‘Extended probability generating functionals with application to mixing proportions of cluster point processes’, *Mathematische Nachrichten* 131. 311–319.

Godambe, V.P.¹ and Heyde, C.C.

Hall, P.G.
‘On the bootstrap and continuing correction’, *Journal of the Royal Statistical Society Series B* 49. 82–89.
‘Edgeworth expansion for student’s t-statistic under minimal moment conditions,’ *Annals of Probability* 15. 920–931.


Hall, P.G. and Marron, J.S.²


Hall, P.G. and Selinger, B.⁴


Hall, P.G. and Titterington, D.M.¹


Heyde, C.C.


Knibb, W.R.¹, Oakeshott, J.G.¹ and Wilson, S.R.

‘Chromosome inversion polymorphisms in Drosophila melanogaster. V. Inversion and Adh allele frequency changes under selection for different development times’, Heredity 59, 95–104.

Kulkarni, P.M.¹ and Heyde, C.C.


Lee, A.H.


Miles, R.E.


Miles, R.E. (ed)
'Selection affecting enzyme polymorphisms in confined populations of drosophila living in a natural environment', Proceedings of the National Academy of Science USA 85. 293–297.
Osborne, M.R.
Osborne, M.R., Dieci, L. and Russell, R.D.
Osborne, M.R. and Smyth, G.K.
Poskitt, D.S.
Poskitt, D.S. and Tremayne, A.R.
'Determining a portfolio of time series models', Biometrika 74. 125–137.

**Urban Research Unit**

Research in the Unit deals with development and change in Australian cities and with policy related topics more generally. Within those areas three major themes are pursued and several areas of less extensive effort. The major themes are housing, urban planning and the property market, and government administration with special attention to the provision of infrastructure.

Dr Kendig, with Mr Anderton and Ms Kennedy, has commenced the analysis of data from the Australian Family project in order to discover how housing careers have changed with changing circumstances between successive cohorts in post-war Australia. With Dr Paris of CCAE and Mr Anderton he wrote the national housing policy report for the Non-Government Committee of the International Year of Shelter for the Homeless. With Professor Neutze he has explored the need for housing statistics related to the occupation of housing for both analytic and policy purposes. Dr Walker also did some work on the impact of women’s workforce participation on housing tenure. A statistical data base has been assembled for future work on housing cycles and has been used to show how the cost of housing has changed relative to other prices and incomes. Mr Troy completed a study of Australian housing policy 1788–1900.

Urban planning and property markets has been the main area of Professor Neutze’s research. A study carried out for the Joint Parliamentary Committee on the ACT on the Canberra leasehold system focussed on the relationship between land use planning and land administration. He also studied the balance between flexibility and commitment in planning and the control of land use, and began exploratory work on issues in non-metropolitan land use. Professor Self worked on metropolitan planning in relation to Canberra in particular and Australia more generally. Dr Goh carried out a comparative study of the planning history of Adelaide and Penang in which Colonel Light and his father were influential, and worked on a book on planning in Malaysia. Before his departure in March, Dr Short worked on industrial relations and the Sydney property boom and on a manuscript on ‘cities as if people really mattered’.

Dr Lloyd and Mr Troy continued work on their history of the Hunter District Water Board and prepared a book and articles for publication. The book is expected to be published in 1989. Dr Lloyd worked mainly on a history of the NSW Department of Water Resources;
a manuscript has been completed for publication in 1988. Mr Troy commenced research on compliance and governability. Dr Sanders began an examination of major airport development policy in Australian state capitals. In another area, he has continued his research on the inclusion of Aborigines in the Australian social security system and on the concept of colonialism as applied to policies towards Aborigines. Professor Self continued research into Australian Federalism and prepared the paper on ‘An economic perspective’ for the University’s Bicentennial Conference on Australian Federalism and subsequent book. He also prepared a paper on ‘Redefining the role of government’.

Dr Walker’s work on labour markets has focussed on the community services sector (with Ian Manning of the National Institute of Industry and Economic Research and Anna Howe of Melbourne University) and on home based employment. The latter has made use of the Unit Record tapes from the 1981 Census. Dr Kendig has continued research on ageing in Australia and Asia. He has edited books on ageing and public policy, financing services for older people and ageing and families. He was awarded the Presidential Award for research distinction by the International Association of Gerontology. Dr Lloyd has continued work on parliament and the press for the bicentennial history of parliament volume. Professor Lambooy carried out research on economic development in Australian cities, focussing especially on producer services.

Dr Gillespie (previously of the Social Justice Project) completed the manuscript of ‘The national health’, a study of the politics of Australian health policy since 1920, to be published by Cambridge University Press. Four articles based on this work have now been completed. Studies of the politics of unemployment in interwar London and of the development of the public corporation have been prepared for two collections of essays on London politics to be published in 1989.

The Unit organised a public conference on the future of Canberra and members of the Unit gave lectures in The Faculties and other Australian universities and colleges, presented papers at conferences in Australia and overseas and participated in a number of organisations concerned with urban policy and ageing. They also assisted governments as members of advisory and executive committees and councils.

Staff and Visitors

Professor and Head of Unit
G.M. Neutze, MAgrSc(NZ), DPhil(Oxf), FASSA, HonFRAPI

Professorial Fellow
P.N. Troy, BE(WA), DipTP(Lond), MTech(NSW), MICE, MAPI

Fellow
H.L. Kendig, BA(UCDav), MPI,PhD(USC) (promoted to Senior Fellow from 1 July)
Senior Research Fellows
C.J. Lloyd, BEc(Syd), BA(Syd), MA, PhD
J.R. Short, MA(Aberd), PhD(Brist) (until April)

Research Fellow
J.A. Gillespie, BA(Melb), PhD(Camb)

Postdoctoral Fellows
W.G. Sanders, BA(Syd), PhD
J. Walker, MA, PhD(Camb)

Visiting Fellows
Professor J. Horowitz, University of Iowa
Dr Goh Ban Lee, Universiti Sains Malaysia
Professor J.G. Lambooy, Universiteit van Amsterdam
Emeritus Prof P. Self, London School of Economics and Political Science

Research Assistants
N. Anderton, BA(Murd) (from June)
D. Bennett, MA(Okla), GradDipLib(CCAE), PhD (from April)
R. Coles, BA(Woll)
S. Kennedy, BA(Melb) (from April)
S. Schreiner, BA(UCSC), MA(SanFranSU), BAS,BLA(CCAE)
M. Wright, BEc(Syd) (until December)

Unit Secretary
M. Doyle (from September)
T. Hausia (until February)
C. Hayden (from February until September)

Secretarial Staff
K. Kuszko

Publications
Bethune, G.\(^2\) and Neutze, G.M.
‘Costs of owner occupied and rented housing’, *Housing Studies* 2.

Coleman, L.\(^2\) and Watson, S.\(^2\)
*Women over Sixty: A Study of the Housing, Economic and Social
Circumstances of Older Women.* Australian Institute of Urban
Studies, Canberra. v + 89 pp.

Daunton, M.J.\(^2\)
*A Property-Owning Democracy?: Housing in Britain.* Faber and

Foster, C.\(^1\) and Kendig, H.L. (eds)
*Who Pays? Financing Services for Older People*, Commonwealth
Policy Co-ordination Unit and ANU Ageing and the Family Project,
Canberra. xix + 419 pp.
Foster, C.1 and Kendig, H.L. and Staines, V.C.1

Gillespie, J.A.

Goodin, R.E.2 and Le Grand, J.2

Kendig, H.L.

Kendig, H.L. and Neutze, G.M.

Kendig, H.L. and Paris, C.T.2 and Anderton, N.
Towards Fair Shares in Australian Housing. Report to the National Non-Government Committee for the International Year of Shelter for the Homeless. Department of Community Services and Health, Canberra, 140 pp.

Kendig, H.L. and Stephens, F.1

Lloyd, C.

Lloyd, C. and Swan, W.1
Loveday, P.4, Jaensch, D.1 and Sanders, W.

Neutze, G.M.
‘Planning and land tenure in Canberra after 60 years’, Town Planning Review 58. 147–64.

Sanders, W.G.

Self, P.

Troy, P.N.
Walker, J.
'Skill and the Australian Standard Classification of Occupations',

Home-based working in Australia: issues and evidence. Working
Paper no. 1. Urban Research Unit, ANU. 52 pp.

Walker, J. and Moore, R.¹
The impact of privatisation on the United Kingdom labour market.
In Tarling, R. (ed), _Flexibility in Labour Markets_, Academic Press,
London. 197–223.
Projects

Australia 1788–1988: A Bicentennial History

The publication of the final volumes in the series Australians: A Historical Library brings to an end one of the School’s most ambitious research and publishing projects. It began in 1977, when a group of historians from the ANU and other universities met in the School to discuss ways of marking the bicentenary of European settlement in 1988.

Over a decade later, the results may be seen in ten volumes, comprising five reference books and five books devoted to particular years and periods. An eleventh volume, The Guide and Index, has been prepared by the publishers, Fairfax, Syme & Weldon Associates, for publication early in 1988.

Though based in the Department of History, the project drew on the expertise of other Departments, especially Economic History, which assembled much of the data used in Australians: Historical Statistics. Scholars from other parts of the University and from tertiary institutions throughout Australia helped make the project a truly co-operative venture.

Staff
Chairman of the Management Committee
O.O.G. MacDonagh, MA(NUI), MA,PhD(Camb), BL(King’sInns), Hon DLitt(Flin), FBA, FAHA, FASSA

Joint General Editor (Section A)
K.S. Inglis, MA(Melb), DPhil(Oxf), FAHA, FASSA

Executive Editor and Assistant General Editor (Section A)
S.G. Foster, BA(NSW), PhD(NE)

Acting Research Officer
M.K. Stell, BA (jointly with Department of History)

Publications
Mulvaney, D.J.³ and White, J.P.¹ (eds)
Atkinson, A.T.\textsuperscript{5} and Aveling, M.\textsuperscript{1} (eds) *Australia*\textsuperscript{s} 1838. Fairfax, Syme & Weldon, Sydney. xviii + 474 pp.

Davison, G.\textsuperscript{1}, McLeary, A.\textsuperscript{1} and McCarty, M.W.\textsuperscript{1} (eds) *Australia*\textsuperscript{s} 1888. Fairfax, Syme & Weldon, Sydney. xviii + 474 pp.

Gammage, B.\textsuperscript{4} and Spearritt, P.\textsuperscript{3} (eds) *Australia*\textsuperscript{s} 1938. Fairfax, Syme & Weldon, Sydney. xviii + 474 pp.

Curthoys, A.\textsuperscript{1}, Martin, A.W.\textsuperscript{3} and Rowse, T.\textsuperscript{5} (eds) *Australia*\textsuperscript{s} From 1939. Fairfax, Syme & Weldon, Sydney. xviii + 474 pp.

Camm, J.C.R.\textsuperscript{1} and McQuilton, J.\textsuperscript{1} (eds) *Australia*\textsuperscript{s}: A Historical Atlas. Fairfax, Syme & Weldon, Sydney. xiv, 290 pp.

Aplin, G.\textsuperscript{1}, Foster, S.G. and McKernan, M.\textsuperscript{1} (eds) *Australia*\textsuperscript{s}: Events and Places. Fairfax, Syme & Weldon, Sydney. xvi + 476 pp.


Borchardt, D.H.\textsuperscript{1} (ed) and Crittenden, V.\textsuperscript{1} (associate ed) *Australia*\textsuperscript{s}: A Guide to Sources. Fairfax, Syme & Weldon, Sydney. xviii + 473 pp.

Vamplew, W.\textsuperscript{1} (ed) *Australia*\textsuperscript{s}: Historical Statistics. Fairfax, Syme & Weldon, Sydney. xvi + 470 pp.

Anderson, K.\textsuperscript{1} (managing ed) *Australia*\textsuperscript{s}: The Guide and Index. Fairfax, Syme & Weldon, Sydney. xxviii + 83 pp.

**Australian Dictionary of Biography**

Work on volume 11 of the *Australian Dictionary of Biography*, the fifth of six volumes covering people prominent in Australia between 1891 and 1939, has been largely completed. It will be published by Melbourne University Press in 1988. The volume will contain about 695 entries, ranging from Nesbit to Smith, written by some 400 authors.

The *ADB* is a project based on co-operative research by scholars of many disciplines throughout Australia. Since volume 1 was published in 1966, over 2500 contributors, and many additional helpers, have been involved. Volume 11 continues the practice of including articles written by a wide variety of authors such as judges, politicians, military officers, scientists, doctors and engineers as well as professional and amateur historians.

_A Biographical Register 1788–1939_ (2 vols.), which took some ten years of preparation, was published in October. Edited by a former staff member Mr J. Gibbney and Mrs Ann Smith, it provides biographical
details and brief notes on about 8000 men and women not included in the ADB. It will be a major research aid for historians.

The ADB's card indexes and files are available for public consultation. During 1987 196 enquiries were received: 76 by telephone, 34 by letter and 86 from readers personally consulting the material. Most of the users were from tertiary institutions or libraries; others included public servants, journalists and family historians.

As the ADB approaches the end of the original project — 12 volumes to 1939 — intensive preparations have begun for the post-1939 volumes. This involves accumulation of references to all published autobiographies, biographies and biographical compilations of the period, mastery of biographical reference-index material in libraries throughout Australia, and indexing of newspapers and periodicals.

Dr Serle published a revised edition of From Deserts the Prophets Come (1973) under the title, The Creative Spirit in Australia; and republished (with an introduction) Frank Honeywood, Private, the World War I memoirs of the distinguished lexicographer Eric Partridge. Dr Cunneen continued research for a biography of Sir William McKell and on the office of governor-general in Australia after 1936.

Dr John Ritchie has been appointed General Editor, to take up duties in 1988. Dr Serle continues as a consultant until April.

Staff

General Editor
A.G. Serle, AO, BA(Melb), DPhil(Oxf), FAHA, FASSA, FRHSV

Deputy General Editor
C. Cunneen, BA(NcleNSW), MA(Lond), PhD

Research Officers
A.G. Smith, MA(Melb), DipLib(CCAE)
M.D. Campbell, BA(Syld), MA
S. Edgar, BA(Adel)
G. Fullool, BA
H.M. Griffin, BA(PNG)
D. Langmore, BA,DipEd(Melb), PhD
M.A. Lincoln, BA
M.J.E. Steven, BA(Syld), PhD

Clerical and Secretarial Staff
S. Burrows (until July)
A. Gan (until November)
R. Hewson (from September)
E.M. Kauffman
A.J. Manners (until April)
I.M. Meere
Publications

Cunneen, C.

Edgar, S.

Langmore, D.

Nairn, N.B.\(^2\)

Serle, G.
Serle, G. (ed)
Smith, A.G. and Gibney, H.J.\(^2\) (eds)

Steven, M.J.E.
*First Impressions: the British Discovery of Australia*. British Museum (Natural History), London, 150 pp.

Australian Family Project

Fieldwork for the Australian Family Project’s national survey was completed in mid 1987 after follow-up interviewing of Sydney women by Dr Bracher and Dr Santow of the Department of Demography and a nation-wide postal follow-up of men, organised by Dr Carmichael. A total of 2547 women and 2181 men responded to the survey, representing response rates of 75 per cent and 60 per cent respectively.
Much of the rest of the year was devoted to preparing the data for analysis through hand and machine editing of questionnaires, the coding of occupations and open-ended questions and the calculation of individual response weights. Initial frequency tabulations were prepared and survey and sampling operations were documented.

During September an initial series of seminars was held to report to the School on the Project’s progress. A presentation in which Professor Caldwell discussed the rationale for the Project was followed by others which focused on the design of the sample for the national survey, fieldwork with women and fieldwork with men.

Analysis of the survey began late in the year. Dr Bracher commenced a study of changing patterns of marriage and de facto unions. With the support of the National Centre for Epidemiology and Population Health, Dr Bracher and Dr Santow began to analyse the data on foetal death in relation to age, gravidity and use of contraception. Dr Bracher and Dr Santow also began to analyse changing household composition by drawing on the survey’s detailed life histories of leaving home, union formation and dissolution and childbearing. All these analyses required the development of special software. Dr Kendig of the Urban Research Unit began exploratory analysis of the housing data. Dr Bracher, Dr Carmichael and Dr Santow studied the responses to open-ended questions of the timing of marriage and childbearing in preparation for collaborative work with Professor and Mrs Caldwell.

Dr Carmichael worked with Dr McDonald of the Australian Institute of Family Studies on the production of a comprehensive time series of divorce rates for Australia.

Dr Travers of the Department of Social Administration of The Flinders University spent a month with the Project while designing his national study on Australian living conditions funded by the Australian Research Grants Scheme. Dr Bracher selected a sample of dwellings for this study from the sampling frame compiled by the Australian Family Project.

Dr Happel of the Arizona State University was a joint visitor to the Project and the Department of Economics. He is interested in the opportunity costs of childbearing and, together with Drs Chapman and Beggs of the Department of Economics RSSS, received funding from the Australian Institute of Family Studies to undertake an analysis of the data collected by the Project of this topic.

Staff and Visitors

Co-ordinator
J.C. Caldwell, BA(NE), PhD, FASSA

Research Fellows
M.D. Bracher, BA(Car), MA(Al), PhD
G.A. Carmichael, MA(Auck), PhD
Visiting Fellow
Professor S. Happel, Arizona State University

Programmer
N. Guth, BA(Macq) (from June)

Research Assistants
R. Gresshoff, BA (until September)
N. Guoth, BA(Macq) (until May)
V. Russell, BA (until February)
F. Shadbolt, BSc, GradDipinSc
R. Zeller, Dip.TeachingPrimary&SpecialSchools(Mt.Gravatt), B.Ed (JamesCook) (June to August)

Coder
G. Watling (until February)

Secretarial Staff
C. Cullen
G. Scott (until June)

Publications
Bracher, M.D.

Carmichael, G.A.

Automated Reasoning Project

The Project is interdisciplinary and draws on the fields of artificial intelligence, computer science, logic and philosophy. It is concerned with automating certain clearly-defined deductive reasoning processes and with their computational investigation.

After commencing in April 1986, the Project moved into its permanent accommodation in I Block in February 1987. During this 10-month period much of the work of the Project was unable to proceed as its members were dispersed throughout the Coombs Building and nearly all its equipment was not able to be fully operational until the move. Dr Thistlewaite also resigned during this period to take up a senior position in the Australian Public Service, though he has stayed in touch with the Project as a Visiting Fellow.

Therefore 1987 has been the de facto first year and the establishment year for the Project, and a year of consolidation. Much effort was put into setting up the Project’s network of SUN UNIX computers and
Project members worked hard to familiarise themselves with their functioning. It has also been a productive year.

Dr Meyer continued his work on relevant number theory and on the computational investigation of model building for this theory. He developed some prototype software that confirmed the potential of the approach he has been pursuing. He also expended much energy on the task of converting and upgrading his TICKET program to run on the Project’s computers. Dr Meyer attended the Logic and Computer Science Conference at Cornell and while overseas visited the Argonne National Laboratory, Purdue and Indiana Universities and the Institute for New Generation Computing Technology (ICOT) in Tokyo.

During 1987 Dr McRobbie was appointed the Executive Director of the Centre for Information Science Research and a Reader in The Faculties and will be on temporary transfer to the Research School of Social Sciences until 1993.

He continued his work on automated theorem proving and proof theory. A book *Automated Theorem Proving for Non-Classical Logics* which reports some of his joint research with Drs Meyer and Thistlewaite on the KRPKE automated theorem proving system was published jointly by Pitman and Wiley in their series *Research Notes in Theoretical Computer Science*.

Dr McRobbie was appointed a Visiting Professor in the Department of Computer Science, University of Kaiserslautern, West Germany from July to October during which period he was on an outside studies program. While there he wrote a number of papers that continued to explore the consequences of the work on KRPKE and completed a paper on artificial intelligence with Professor Jörg Siekmann, a previous visitor to the Project. While in Europe Dr McRobbie was invited to address the Conference on the Future and Impacts of Artificial Intelligence and the Logic and Computation Conference which were held in Vienna and Karlsruhe respectively. He also gave invited lectures at the Universities of Edinburgh, Kaiserslautern, Liège and Vienna, and at Imperial College and the Sorbonne. On his way to Europe he spoke at the Fujitsu Research Laboratory in Tokyo.

Dr McRobbie also attended the (biennial) 10th International Joint Conference on Artificial Intelligence (IJCAI) in Milan in his capacity as a member of the Department of Science’s IJCAI Working Group. This Committee was chaired by Professor Robin Stanton, the Head of the Department of Computer Science in The Faculties. (The 10th IJCAI was attended by over 3,000 people.) The Working Group was responsible for producing a bid for the right to hold the 12th IJCAI in Sydney in 1991. This bid was presented at the Milan conference and was successful.

In March Dr McRobbie served as a member of the Bond University sub-committee on computing and communications. He is presently editing a special issue of the *Journal of Automated Reasoning* on Automated Reasoning and Non-Classical Logic and continued work on a
book on interpolation theorems, jointly authored with Dr Meyer and Ms Anne Barca of La Trobe University. It is expected this book will be published by Springer.

Dr Martin held a National Research Fellowship until the end of August 1987. He then took up a Research Fellowship in the Project. During the year he collaborated with Mr Peter Malkin, an ITT Fellow in the Project, on the production of a computer program called MGT that built on earlier work of Dr Meyer, Dr Slaney of the University of Edinburgh and other researchers. MGT automatically generates models for a wide range of logical theories. It is an interactive program designed specifically to take advantage of the advanced features of the Project’s SUN workstations. Dr Martin presented a paper on MGT at the First Australian Joint Artificial Intelligence Conference.

Dr Martin also worked on various aspects of automated theorem proving including contributing (along with Dr Meyer) to the logical analysis of the extended PROLOG automated theorem prover CLOGPROG developed by Mr Bollen. Mr Bollen is a Postgraduate Scholar in the Department of Computer Science supervised jointly by members of the Department and the Project. Much of the development work for CLOGPROG was done in the Project.

Earlier in the year Dr Martin worked on devising a suitable metalanguage for a class of contraction-free non-circular logics as well as the decision problem for a related system. Some of the work he did in this area was done jointly with Mr Lavers. He is continuing to work on a book on this area with Dr Slaney. He presented a paper on some of this research at the Annual Conference of the Australasian Association for Logic held in Brisbane.

Mr Malcolm Rennie, a former member of the RSSS, died in 1980 and Dr Martin, Dr McRobbie and Professor Goddard (University of Melbourne) are his literary executors. Dr Martin is presently completing the editing of a book comprising Mr Rennie’s work on the type-theoretic analysis of language, which represents but a small fraction of his unpublished papers. This book will be published in 1988 by Nijhoff. Dr Martin also gave papers to the Annual Conference of the Australasian Association of Philosophy and at the University of Melbourne on Mr Rennie’s work.

Among Visiting Fellows to the Project Dr Read completed a book on relevant logics for Blackwells, Professor Pelletier continued research on automated theorem proving and in particular his system THINKER. Both gave numerous papers at ANU and elsewhere in Australia.

Emeritus Professor Smart gave the prestigious Gavin David Young lectures at the University of Adelaide during September and October, and also gave papers at the University of Newcastle. During the year his book Essays Metaphysical and Moral was published by Blackwell. A Festschrift in his honour, Metaphysics and Morality: Essays in Honour of J.J.C. Smart, edited by Dr Pettit, Dr Sylvan and Ms Norman, was
also published during the year, and it contained also Professor Smart's replies to the essays.

Among the postgraduate students associated with the Project, Mr Lavers gave a paper at the Australasian Association for Logic conference in Brisbane, and Mr Riche attended the Summer School of the Linguistics Institute of the Linguistics Society of America, the Joint Meeting of the Association of Symbolic Logic and the Linguistics Society of America, and the Annual Meeting of the Association for Computational Linguistics — all held at Stanford University between July and August. He also attended the International Pragmatics Conference held at Antwerp and the Round Table on Formal Semantics at the University of Grenoble.

Staff and Visitors

Co-ordinator
R.K. Meyer, BA(Lehigh), BD(PrinTheolSem), MA,PhD(Pitt), FAHA

Deputy Co-ordinator (Reader on temporary transfer from The Faculties)
Executive Director, Centre for Information Science Research
M.A. McRobbie, BA(Qld), PhD

Research Fellows
E.P. Martin, BA(Qld), MA(NSW), PhD
P.B. Thistlewaite, BA(Qld), PhD (until March)

Visiting Fellows
Professor J. Pelletier, University of Alberta (joint with Philosophy)
Dr S. Read, University of St Andrews (joint with Philosophy)
Emeritus Professor J.J.C. Smart, Australian National University
Dr P.B. Thistlewaite, Australian Public Service

Visiting Scholar
Mr P. Malkin, Tufts University (ITT Fellow until July)

Programmer
J.D. Barlow, BSc

Research Assistant
J.R. Meecham, M AgrSc, DipEd(Qld)

Project Secretary
B.J. Schmitzer

Secretarial Staff
N.A. Louttit, BA(Mon), DipLib(RMIT)

Project Visitors
Dr A. Hazen, University of Melbourne
Professor R. Lusk, Argonne National Laboratory
Professor D. Makinson, UNESCO, Paris
Dr I. Mason, University of Edinburgh
Professor G. Priest, University of Western Australia
Professor A. Robinson, University of Syracuse

Publications

Bollen, A.W.\textsuperscript{4}  

Brink, C.\textsuperscript{2}  


Brink, C.\textsuperscript{2} and Heidema, J.\textsuperscript{1}  

Bunder, M.\textsuperscript{1} and Meyer, R.K.  

Fuhrmann, A.\textsuperscript{5}  

‘Frege sense-overlap’ *The Philosophical Quarterly* 37. 412–420.


Giambrone, S.\textsuperscript{6}, Meyer, R.K. and Urquhart, A.\textsuperscript{2}  

Hazen, A.\textsuperscript{4}  

Lavers, P.\textsuperscript{5}  

McRobbie, M.A. and Siekmann, J.\textsuperscript{2}  

McRobbie, M.A. and Stanton, R.B.\textsuperscript{4}  
‘The emerging importance of supercomputers in artificial intelligence’, *Künstliche Intelligenz Rundbrief* 44. 29–31.

McRobbie, M.A., Meyer, R.K. and Thistlewaite, P.B.  
Malkin, P. and Martin, E.P.

Martin, E.P.

Meyer, R.K.
‘Idempotents in R’, *Zeitschrift für Mathematische Logik und Grundlagen der Mathematik* 32. 407–408.
‘Sentential constants in R and R’, *Studia Logica* 45. 301–327.

Meyer, R.K., Giambrone, S., Urquhart, A. and Martin, E.P.

Meyer, R.K. and Mortensen, C.

Meyer, R.K. and Slaney, J.

Pelletier, J.

Read, S.

Siekmann, J.

Smart, J.J.C.
‘Philosophical problems of cosmology’, *Revue Internationale de Philosophie* 41. 112–126.

**Encyclopedia of the Australian People**

The Encyclopedia of the Australian People is a national project fully funded by the Australian Bicentennial Authority (ABA) under contract with the ANU. The Encyclopedia is organised around the concept of ethnicity and the processes of immigration and settlement. Work has been in progress since the middle of 1984 and all material has now been submitted to the publishers, Angus and Robertson. The completed Encyclopedia is expected to be published late in 1988 and will be one of the small number of landmark publications in the ABA’s book publishing program.

Work in progress during the year included the editing of articles, the compilation of an extensive bibliography of over 3000 items and of a chronology, and the preparation of maps and charts. Pictorial research was conducted both in Australia and overseas and the Encyclopedia contracted with two photographers, Elizabeth Gilliam and Dragi Markovic, to provide representative illustrations from the many ethnic groups for whom no significant pictorial record yet exists. Other publications, including the Australian Encyclopaedia, have shown an interest in the resulting pictorial collection of over 4000 items. The completed Encyclopedia will contain about 350 black and white and 200 colour illustrations and these have been submitted to the publisher.

The Encyclopedia will include articles by 238 authors, with a total content of over 900 000 words. These range in length from 500 to 10 000 words and cover 313 topics. Of these, 26 have been prepared by the Encyclopedia staff and the rest by a wide variety of contributors from all States and Territories and overseas. The project has co-operated with the Australian Institute of Aboriginal Studies, the Office of Multicultural Affairs, the Department of Immigration, Local Government and Ethnic Affairs, and many official and voluntary organisations, including several embassies and the Federation of Ethnic Communities’ Councils of Australia. Within the School the project has enjoyed close relations with the Bicentennial History Project, the Australian Dictionary of Biography and the Department of Demography. The project is managed by a small Management Committee, which includes a representative of the Bicentennial Authority, and by a larger Project Committee drawn mainly from the ANU but including representatives of the Authority and of the
Australian Institute of Aboriginal Studies. As the Encyclopedia has moved towards completion there have been increasing direct contacts with Angus and Robertson.

The project reached its maximum activity during 1986 and then reduced its staffing to take account of the expected completion of most of the work of production by the end of March, 1988.

Staff
General Editor
J. Jupp, MSc,PhD(Lond)

Assistant Editors
S. McCann, MA(Edin) (until April)
A.P.L. Stuer, MA(Picardy), PhD (until July)

Research Assistants
B. Howarth, BA(Syd), MA(Monash), BAAS
A. McRobbie, BA(Qld)

Secretary
C. Carlyon

Publications
Jupp, J.
Service Sections

Archives of Business and Labour

The Archives of Business and Labour collects the records of significant Australian companies, employer bodies, professional associations and trade unions, and makes them available for research. It is a major research centre for studies in social and economic history, industrial relations and sociology.

During the year the Archives had a high level of user access and accessioned a number of important deposits. Of particular interest are new deposits from the Australian Finance Conference, the Operative Stonemasons Society (NSW Branch), the ACT Teachers’ Federation, the Waterside Workers’ Federation (Port Adelaide Branch), the Municipal Officers’ Association of Australia (Federal Office) and Mr Peter Cullen (a Canberra lobbyist whose clients included the Union of Christmas Island Workers).

Major additional deposits were also received from CSR Ltd, the Confederation of Australian Industry, the ACTU, the Victorian Teachers’ Union, the AFULE (NSW Branch), the Technical Teachers’ Union of Victoria, and the Amalgamated Metal Workers’ Union (Federal Office).

During the year the Deputy Archives Officer, Ms Pemberton, resigned and is continuing her studies.

Two issues of ABLative, the Archives’ newsletter, were published; the Autumn issue having coal records as its theme, the Spring one the records of CSR.

Staff

Archives Officer
M.J. Saclier, BA(Syd)

Deputy Archives Officer
P.A. Pemberton, MA(Liv), BA (until April)

Senior Archivist
M. Purcell, BA(Macq), DipArchAdmin(NSW)

Archivists
T.C. Godfrey BA,DipArchAdmin(NSW) (on leave)
E.W. Maidment, BA(Syd), DipArchAdmin(NSW)
T.C. Pritchard, BA(Macq), DipArchAdmin(NSW)
Clerical and Secretarial Staff
C. Dawson
C. McNally

Publications

Pemberton, P.A.

Pritchard, T.C. (ed)

Saclier, M.J.
The role of collecting institutions in maintaining a company’s archives. In Pritchard, T.C. (ed), Managing Business Archives, ASA, Canberra. 45–49.

Social Science Data Archives

The Social Science Data Archives (SSDA) collects and preserves computer-readable data relating to social, political and economic affairs and makes these data available to researchers for further analysis. The data collection now includes over 460 Australian studies from academic, government and private sector agencies, comprehensive holdings of Australian population census data, and data acquired on request from overseas archives.


During the period 1 July 1986–30 June 1987, 100 separate requests for data were processed, with 195 data files distributed as a result: 65 to researchers within the ANU, 126 to other research centres in Australia and four overseas. This continues the strong growth in demand shown last year.

SSDA acquisitions and services are advertised widely to tertiary institutions throughout Australia through the quarterly SSDA Bulletin and the biannual ACSPRI Newsletter.
Through an agreement between the ANU and the Australian Consortium for Social and Political Research Incorporated (ACSPRI), the SSDA acts as the agent for ACSPRI. The Head of the SSDA is the Secretary-Treasurer of ACSPRI and Program Director for the ACSPRI Summer Program in Quantitative Social Science Methods. This year sees the appointment of an Education and Development Officer funded by ACSPRI to expand its professional activities.

The third ACSPRI Summer Program held at the ANU early in the year repeated the success of the previous years, with 87 participants taking 98 course units in the 10 courses offered. The fourth Program will be held at Monash University in February 1988.

Dr. Jones is a member of the Australian Longitudinal Survey Tender Evaluation Panel for the Department of Employment, Education and Training, and consultant to the Office of Multicultural Affairs to undertake preliminary work on a survey of attitudes, perceptions and experiences.

Staff

Head
R.G. Jones, BSc(Liv), MSc(Warw), MSc(Ston), PhD

Research Assistants
G. Roach
J. Robinson, BEc,DipEd(Monash)
P. Sperling, BA(Syd)

ACSPRI Education and Development Officer
K. Reed, BA (from November)

Programmer
K. Ewens

Programming Assistants
S. Batt
R. Sands, BSc, MA(Helsinki), GradDipCompStud(CCAE)

Departmental Secretary
D. Munce

The School Secretary's Office

The Registrar of The Australian National University has the responsibility, under the Vice-Chancellor, for the administration of the academic affairs of the University and is represented in the Research School by the School Secretary.

The Office of the School Secretary provides advice and assists the Director, academic staff and students of the School in the interpretation
and application of University rules, policies and practices in relation to academic staff, graduate students and on a range of other matters. The Office is responsible for the initiation and execution of procedures relating to the recruitment, appointment and in-service administration of academic staff, including the servicing of electoral/selection committees. In addition, the Office is involved with the recruitment and appointment of graduate students, the award of scholarships and the administration of graduate student policy and procedures.

The Office provides support for meetings of the Faculty and Faculty Board of the School, as well as other School and University committees, and is responsible for the administration of the School's Visiting Fellowship Program.

Staff

School Secretary
C.E.J. Marshall, BA(Adel), GradDipSecStuds, GradDipAdmin(CCAE)

Clerical and Secretarial Staff
W.G. Antoniak, Clerk
S.H. Sholl, BA(NE), Secretary
Computing Services Unit
(This Unit also serves the Research School of Pacific Studies)

During the year the Computing Services Unit experienced some significant changes arising out of the School's Review of computing which was undertaken in 1986. One of the recommendations was to remove all word processing from the mainframe computer and use microcomputers for this type of work. As a result well over one hundred additional microcomputers were acquired throughout the two Schools by the end of the year and the services provided by the Unit were concentrated heavily on microcomputers.

It was also decided to replace the mainframe in 1988. Both the hardware and software for the mainframe were frozen and, towards the end of the year, an analysis of the School's total computing requirements began.

The resignation of four of the programming staff during the year caused another significant change. The Unit was under-staffed for a few months but the simultaneous vacancies allowed a reclassification of the positions to provide a staff structure more appropriate to the change in services now needed by the increased number of microcomputer users.

Staff

Head of Unit
M. Rose, BSc(NSW)

Controller of Software and Operations
T. Dixon, BSc(WA), GradDipCompStud(CCAE) (until July)

Programmers
K. Christenson, BSc(Miss), GradDipCompStud(CCAE) (until June)
K. Dinn, BSc (until June)
G. Patch (until June)
Y. Pittelkow, BA,DipEd(Macq), GradDipStats(CCAE)
M. Ciolek, GradDipCompStud(CCAE), PhD
R. Hurle, BSc(Melb), GradDipElComp(Caulfield Inst. Tech.), TSTC (VicTC) (from November)
G. Robbins, BSc(StAnd), GradDipCompStud(CCAE) (from October)
D. Fritsch, BEn(Gen), GradDipCompStud(CCAE) (from October)
Programming Assistant
T. Nalty (from October)

Clerical Assistant
K. Blackadder

Technical Officer
P. Kent

Operator
L. Dohnt

The Business Manager’s Group

The Business Manager’s Group provides administrative support for both
the Research School of Social Sciences and the Research School of
Pacific Studies. The functions performed include the administration and
logistic support at the remote locations of Darwin (Northern Territory),
Port Moresby (Papua New Guinea) and Suva (Fiji); property manage-
ment at these remote locations; the operations of SOCPAC Printery; the
control of the Schools’ transport fleet; the acquisition of stores and
equipment; conducting a small secretarial pool; the provision of com-
puting services; cyclical building maintenance and the liaison with other
parts of the University, Commonwealth Government departments and
High Commissions and Embassies in relation to the research pursuits of
the two Schools.

In addition to the above administrative functions the Business
Manager’s Group prepares detailed budgets for annual recurrent funding
and approaches to outside donors for both Schools in consultation with
the Directors and Heads of Departments, Units, Centres and Projects.
Throughout the course of each financial year expenditure is monitored
and Heads of Departments, Units, Centres and Projects alerted to
projected shortfalls or over-runs. The processing of fieldwork budgets and
allied activities for researchers, both staff and students, is extensive.

The Business Manager has overall responsibility for the general
staff of the Schools. As a consequence this involves representing the
Schools on numerous University committees where general staff con-
ditions of service are under consideration. The Business Manager
also represents the Schools at meetings on financial and budgetary
management.

The expertise built up in the financial and budgetary adminis-
tration of the Schools during the past twenty years has encouraged other
organisations to seek assistance and help with reorganising or restructuring
their financial and budgetary activities.

At the end of 1987, Miss Isabel Goodin retired after nearly 37 years
service with the University, the majority of the time being spent in the
Business Manager’s Group. Just prior to retiring her many friends and colleagues attended a presentation at which her dedication and contribution to the work of the two Schools was acknowledged.

Joint Schools Services

*Business Manager’s Group*

This group also serves the Research School of Pacific Studies

**Staff**

**Business Manager**

P.J. Grimshaw, MBE, MEdAdmin(NE), FAIM, FIPMA

**Assistant Business Manager**

P. O’Connor (acting)

**Assistant to the Business Manager**

P. O’Connor

**Clerical and Secretarial Staff**

S. Lawrence, PA to Business Manager

C. Jones, Secretary (acting)

D. Stokes, Schools Clerk (until October)

K. Craig, Schools Clerk (from October)

M. McDonald, Clerk (from January)

M. Bonazzi, Cav(Italy), Commitments Officer

M. Conaghan, Clerk (from December)

M. Baumann, Clerk

J. Freeman, Clerk

D. Kovacs, Clerk

L. Willaghan, Clerk (until September)

G. O’Sullivan, Finance Officer

M. Truong, Clerk

A. Kores, Clerk (from February)

A. Benson, Trainee (from February)

D. Bretton, Trainee (from February)

K. Miller, Trainee (from February)

Y. Skrobot, Trainee (from February)

**Stores**

G. Armstrong, Chief Storeman

I. Goodin, Stores Clerk/First Aid Officer (until December)

P. Horsburgh, Storeman

T. Truong, Day Cleaner/Storeman

T. Nelson, Storeman

**Inventory**

K. Smith, Acting Inventory Clerk
Printing and Collating
I. Smith, Supervisor
J. Allan, Printing Machine Operator
E. Murray, Printing Machine Operator
A. Craven, Printing Machine Operator
M. Bennett, Printing Machine Operator (from April)
L. Rapson, Printing Assistant (until June)

Secretarial Services
M. McKenzie, Supervisor
M. Gricic, Typist
C. Hayden, BA, Secretary
K. Manning, Typist
C. Ranieri, Typist (until November)

Receptionist
E. Treadgold (until December)

Janitors
L. Swift (until December)
G. Vandermay

Tea Assistants
M. Vlastic
A. Dalmolin
B. Borman

Cleaners
F. Frost, Foreman
S. Blagojevic
A. Caesar
N. Grame
Y. Grubelic
M. Gruber
J. Horvath
I. Ivancic
A. Lavella
G. Lavella
R. Lanzetta
R. Moore
M. Pecar
C. Pelli
A. Ranieri
G. Rebbeck
R. Stinziana
K. Vongdara

Nightwatchmen
G. de Rota
J. Martica
J. Wigham
Students Enrolled for the Degree of Doctor of Philosophy and Topics of Research

Demography
Students with GPD after their names have been enrolled in a special arrangement with the Graduate Program in Demography, located in the National Centre for Development Studies.

Haberkorn, G.
Port Vila — transit station or final stop? Recent developments in ni-Vanuatu population mobility

Otani, K.
Determinants of, and trends in, Japanese fertility since 1970

Muthiah, A.C.
Fertility and proximate determinants in rural Tamil Nadu

Dugbaza, T.
The socio-demographic correlates of birth intervals in Ghana

Josephian, V.
Divorce in Australia

Raju, K.N.M.
Family structure and residence and their relation to demographic behaviour in a village in Andhra Pradesh

Rodrigues, R.
Morbidity and mortality in two metropolitan regions of Brazil

Sushama, P.N.
Causes of fertility decline in a Kerala village

Hatmadji, S.H.
Family planning in Java: status of women in Javanese society and its effect on formulation, implementation and impact on family planning and fertility

Icduygu, A.
Migrant as a transitional category: Turks in Australia

Khalidi, N.A.
The Aboriginal population of Alice Springs: a demographic study

Ofosu, D.Y.
Hazard models analysis of birth intervals: a study based on West African data

Pramualratana, A.
Societal change and the elderly: a community study of support systems in Thailand

Suryadhi, N.T.
The impact of integrated family planning and nutrition program on child health in Bali
Yang, Q-H.
Ageing of China’s population: perspectives and implications

Tsefaghiorghis, H.
Fertility levels and differentials in Ethiopia

Archavannitkul, K. GPD
Determinants and consequences of migration to rural towns in Thailand in relation to urban development

Majumder, K. GPD
Determinants of infant and child mortality in Bangladesh

Tirtosudarmo, R. GPD
Transmigration and its centre-regional context: the case of Riau and South Kalimantan

Bhuiya, A.
Factors affecting child survival in Matlab, Bangladesh

Buetow, S.A.
Perinatal deaths in south-east Australia

Cabigon, J.V.
Philippine mortality in changing times

De Silva, W.I.
Family formation, contraception and breastfeeding practice in Sri Lanka

Lin, Y.S. GPD
Migration into urban areas in China

Raharto, A. GPD
Females’ work and decision-making in Jakarta, Indonesia

Singh, M. GPD
Marriage change in rural North India: a study of Himachal Pradesh

Dharmalingam, A.
Population, employment and income distribution: an economic-demographic interaction approach

Gaminiratne, K.H.W.
Fertility transition in Sri Lanka with special attention to the analysis of the 1986 Demographic and Health Survey

**Economic History**

Li, Ze Lin.
The development of commerce in Victoria during the 1850s.

McEwin, I. (off course)
An economic analysis of the impact of strict liability on road and workplace accidents.
Economics
Chia, T.T.
Returns to higher education: an analysis of changes in the 70s and 80s
Daly, A.E.
An international comparison of labour markets
Hagan, J.
Manufacturing industry in Australia
Prior, H.M.
The changing pattern of education in Australia — an examination of the causes and implications, with special reference to sex differences in behaviour and outcomes

History
Bourke, J.
Female labour in rural Ireland, 1890–1939
Collins, Rev. P.
William Bernard Ullathorne and the foundation of Australian Catholicism
Damousi, J.
Socialist women in Australia, 1890–1918
Delaney, J.
The decline of public forms of punishment: England c.1750s–1830s
Frazer, A.D.
Unions, the state and arbitration in New South Wales, 1890–1926
Kerley, M.
Commercial television in Australia, 1955–65
Lee, D.
Aspects of federal politics, 1947–1953
Smith, P.L.M.
The role of the infant welfare movement in infant mortality decline: Australia 1900–1945
Sutton, R.
Youth and Politics in Australia, 1914–1955
Thomas, J.
Commemorative celebrations and recurrent rituals in Australia, 1930–1938

History of Ideas Unit
Social ideas in contemporary British poetry
Haakonsen, L.M.
The idea of a liberal profession

Hong, L.
Theoretical questions in Marxist historiography in China

Seth, S.
Marxism and India

Zmijewski, N.
The Marxist-Catholic dialogue in post-war Poland

Law

Fleming, D.I.
Legal positivism and sociology of law: the case of H. Hart

Haynes, C.E.P.
Custom, state and urban land development in Papua New Guinea

Parashar, A.
Law reform and the position of women in post-independence India

Sakora, B.
A comparative study of the legal aspects of public administration in small island states

Philosophy

Braddon-Mitchell, D.
Explaining explaining

Buckle, S.
Theories of property

De Castro, M.
Topics in non-standard logic

Fitzpatrick, J.B.
Belief and functionalism

Fuhrmann, A.T.
Topics in relevant and paraconsistent logics

Griffiths, P.
Emotion and evolution

Lavers, P.
Interpretation of relevant logics

Loughrey, D.
Autonomy

Riche, J.
Noneism

Skubik, D.
H.L.A. Hart’s philosophy of law

Urbas, I.
On the paraconsistent logics of da Costa and others

Wong, K.Y.
The necessary a posteriori
Political Science
Bell, J.
Skill at work: the consequences of Australian workers’ perceptions of skill on the policy and behaviour of their organisations, 1879–1925
Compston, H.
The electoral impact of tax changes: a comparative study
Jayasuriya, K.
Politics, economics and welfare: a comparative study of social expenditure in Australia and Canada
Mistilis, N.
The political adaptation of second-generation Australians
Sheen, R.
Industrial conflict as a political issue
Singleton, G.
The ALP and Australian trade unions: social and economic politics 1973–1987
Skene, G.
Legislative staffing in Australia and New Zealand
Stewart, J.
Manufacturing industry policy in Australia 1965–85
Stone, B.
Accountability in Commonwealth statutory authorities
Warden, J.
The theoretical foundations of Australian Federation
Zobel-Zubrzycka, H.
Pressures for integration within Comecon: economic factors in political decision-making, with special reference to Poland

Sociology
Brewer, L.
Professionals in the class structure: an Australian/Canadian comparison
Kim, W.
Job satisfaction, life satisfaction and politics in Australia
Rickwood, D.J.
Social and psychological factors in seeking help for psychiatric problems
Tabaka, E.
Self-image, work commitment and attitudes among Australian professionals
Statistics
George, K.J.
Algorithms for statistical analysis based on ranks
Lee, A.H.W.
Ridge regression and diagnostics in generalised linear models
McDougall, A.
Algorithms in time series analysis
Mackisack, M.S.
Problems in the estimation of oscillatory frequency
Martin, M.A.
On the bootstrap
Pollard, G.A.
Stochastic and statistical theory of scoring systems
Prvan, T.
Some topics in recursive estimation
Sun, L.P.
Algorithms for nonlinear least squares
Tam, S.M.
Finite population sampling theory under a super-population model with time varying parameters
Wand, M.P.
Nonparametric density estimation and discrimination

Urban Research Unit
Cocke, E.A.
Gentrification and resident action in Sydney, 1961–1980
Faulbaum, S.D.
Structure and agency in the private rental market: the making and remaking of Victoria’s Residential Tenancies Act
O’Flanagan, N.H.
The impact of the town planning movement on the improvement of Sydney, 1900–1919

Doctoral graduates during 1987 and thesis titles

Demography
Hetler, C.
Female-headed households in a circular migration village in Central Java, Indonesia
MacDorman, M.
Contemporary marriage practices — evidence from three Uttar Pradesh villages

Guruswamy, M.
The influence of social and economic activities on fertility regulation: a micro-study of two villages in Tamil Nadu, South India

Larson, A.
Growing up in Melbourne: life course transitions to adulthood in the late nineteenth century

History
Robinson, M.L.
Economists and politicians: the influence of economic ideas upon Labor politicians and government 1931–1949

Philosophy
Buckle, S.
The natural history of property
Malpas, J.
Agreement and interpretation

Political Science
Vaughan-Games, D.
Systems theory and attitude measurement in political science

Sociology
Pilkinton, G.
Trade union leaders and the ACTU

Students Enrolled for the Degree of Master of Arts in Demography and Topics of Research
Spinocchia, N.
Turkish immigration and the labour force
Students Enrolled in the Graduate Program in Demography

Degree of Doctor of Philosophy
Students enrolled for the Degree of Doctor of Philosophy and their Topics of Research are shown earlier in the Department of Demography list. They have GPD after their names.

Students Enrolled for the Degree of Master of Arts in Demography (by coursework)

Abejo, D.
The effect of community factors on infant and child mortality in rural Philippines

Tekle, A.
Fertility and child mortality in Illubabor and Wollo, Ethiopia

Yohannes, A.
Differentials in child morbidity and utilisation of health facilities in rural Ethiopia

Haris, H.
Socio-economic differentials in infant and child mortality in central Java

Ismail, L.
An areal analysis of infant and child mortality in central Java

Lertphongwathana, K.
Population dynamics, education and manpower planning in Thailand; a case study of population aged 15–19 years

Momba, D.
Infant and child mortality differentials in the southern region of Malawi

Niraula, B.
Landholding education and desired family size in rural Nepal: a case of Shivaganj Panchayat

Obcena, A.
Work sequences of women during the family life cycle: the Philippines case

Pratopriyoko, L.
Socio-economic differentials in fertility in East Java. Based on the 1980 population census

Roosmalawati, R.
Socio-economic determinants and correlates of infant mortality in DIY and NTB
Seniloli, K.
The value of children: perceptions of Fijian sixth form students in the Central Administration Division of Fiji

Sukarno, M.
Education and labour force in central Java

Hao, Y.
Fertility change and the impact of family planning in Shaanxi Province, China

Students Enrolled in the Graduate Diploma in Demography — First year

Bacal, R.A. (Philippines); Fariastuti, D. (Indonesia); Gascon, J. (Philippines); Hakim, A. (Pakistan); Li, W. (China); Makalew, R. (Indonesia); Makhdooom, A.H. (Pakistan); Myint, N. (Burma); Neville, I. (Australia); Paunlagui, M. (Philippines); Pieris, T.I. (Sri Lanka); Prohmmo, A. (Thailand); Poselt, H. (Australia); Putro, T.S. (Indonesia); Shen, L. (China); Siyal, H.B. (Pakistan); Suhaimi, U. (Indonesia); Sunaryanto, (Indonesia); Tint, W. (Burma); Zheng, K. (China); Zheng, Z.Z. (China); Zhibin, L. (China).

Graduates in the Graduate Program in Demography During 1987

Graduate Diploma in Demography
Majumder, A.K. (Bangladesh); Sri Hargiono (Indonesia); Ahmad, R. bin (Malaysia)

Masters of Arts in Demography
Abdurahman, M.
Population distribution and internal migration in Ethiopia

Abdul Rahman, bin H.
Changes in the level and pattern of mortality rates in Peninsular Malaysia, 1971–1983

Ali, S.M.
Family size preferences in Pakistan

Chakraborty, N.
Factors affecting the use of childhood immunisation in a rural area of Bangladesh

Daba, G.
Rural labour force in Ethiopia
Mengistu, G.  
Fertility and child mortality in rural Ethiopia: a comparative study of selected regions Gonder and Hararge

Ngah, I. bin  
Frontier area development and migration in Pahang, Malaysia

Mbamanya, J.  
Regional fertility variations in Kenya

Pinyopuasererk, M.  

Razak, R.B A.  
Family life cycle events and economic participation of women in Peninsular Malaysia

Soemanto, R.B.  
Socio-economic factors and nutritional status of children in rural Indonesia

Sultan, M.  
The family planning program and its effect on fertility in Pakistan

Wilairat, S.  
Maternal education and child health in Thailand

Employment and Addresses of Staff and Students Who Have Left the School in 1987

Demography

Cook, D.H., Programmer, Social Psychiatry Research Unit, ANU  
Dasvarma, G.L. Population Council Representative, PO Box 20/JKSA, Jakarta 10350A Indonesia

Haberkorn, G., Consultant, c/o Australian International Development Assistance Bureau, GPO Box 887, Canberra, ACT 2601

Hull, T.H. Senior Research Fellow, Department of Political and Social Change, RSPacS, ANU

Khoo, S-E., Consultant, 89 Gover Street, N. Adelaide, SA 5006

Milthrop, N.J., Executive Assistant, Master Builders’ Association of the ACT, 217 Northbourne Avenue, Turner, ACT 2601

Otani, K., Institute of Population Problems, Ministry of Health and Welfare, 1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo 100 Japan

Economic History

Cromwell, Cherie, 7 Wellwood Rd, Bonbeach, Melbourne, Vic. 3196

Alford, Katrina, 819 Rathdowne St, Nth Carlton, Melbourne, Vic. 3054

Economics

Nguyen, D.T., Economics Department, University of Adelaide, Adelaide, SA 5001
Centre for Economic Policy Research
Miller, P., Senior Lecturer, Department of Economics, University of Western Australia, Nedlands, WA 6009

History
Collins, Rev. P., Ursula College, ANU
Damousi, J., c/- 77 Tannock St, North Balwyn, Vic. 3104
Frazer, A., 27 Victoria St, Lewisham, NSW

Philosophy
Buckle, S., Centre for Human Bioethics, Monash University
Forrest, P.H.R., Department of Philosophy, University of New England
Gaus, G.A., Department of Government, University of Queensland
Malpas, J., Philosophy Department, University of New England

Political Science
Allen, A., Secretary, Faculty of Law, ANU
Bell, J., Commonwealth Public Service, 17 The Pines, Lyneham, ACT
McDonell, D. (Darcy Vaughan-Games), Private Enterprise, 3 Majura Avenue, Dickson, ACT

Statistics
Pollard, G.A., Senior Lecturer, Statistics, Canberra College of Advanced Education
Prvan, T., Assistant Professor, Department of Mathematics, Washington State University, Pullman, Washington, USA

Urban Research Unit
Hausia, T., Secretary, School Secretary’s Office, RSPacS, ANU
Short, J.R., Department of Geography, University of Reading, Whitenights, PO Box 217, Reading, Berkshire RG6 2AH, UK
Wright, M., Department of Science and Technology Studies, University of Wollongong, PO Box 1144, Wollongong, NSW 2500

Australian Dictionary of Biography
Manners, A., Unit 2, Dallachy Pl, Page, ACT 2614
Burrows, S., 16 Whalan Pl, Kaleen, ACT 2617
Gan, A., c/o Toad Hall, ANU Campus