

CURRICULUM VITAE

DONALD E. LEWIS

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ACADEMIC QUALIFICATIONS

<u>Institution</u>	<u>Date</u>	<u>Award</u>
Humboldt State University	1966	B.A. (with high honours)
Washington State University	1968	M.A.
Washington State University	1971	Ph.D.

OTHER EDUCATION

Undergraduate student,
University of Uppsala
Uppsala, Sweden, 1964-65.

National Science Foundation Summer Institute
"Micro-Economic Theory and Applications"
Brown University, Summer 1973.

NSF Chautauqua-Type Short Course
"Patterns in Problem Solving"
Hampshire College, 1974-1975.

Visiting Scholar

Stanford University
Department of Economics, Winter, 1979-1980.

Institute for International Economic Studies, Summer, 1983.

University of Cambridge

Institute of Criminology, Autumn 1983, Winter and Spring 1987.

Pennsylvania State University

Department of Health Policy and Administration, Autumn and Winter 1996

SUMMARY OF EMPLOYMENT

<u>Period</u>	<u>Institution</u>	<u>Position</u>
1968-69	Washington State University	Teaching Assistant
1969-72	California State University, Chico	Assistant Professor
1972-76	Russell Sage College	Assistant Professor
1976-79	University of Wollongong	Lecturer
1980-87	University of Wollongong	Senior Lecturer
1988-1991	University of Wollongong	Reader/Associate Professor
1991- present	University of Wollongong	Professor of Economics

PRINCIPLE LEADERSHIP POSITIONS

1970-71	California State University, Chico	Director of Summer Program Bari, Italy
1981-83	University of Wollongong	Chairperson, Department of Economics
1980-84	University of Wollongong	Chairperson, Faculty of Social Science/Commerce
1991-1994	University of Wollongong	Head, Graduate School of Business
1998- 2000	University of Wollongong	Head, Department of Economics

PROFESSIONAL QUALIFICATIONS AND MEMBERSHIPS

- Economic Society of Australia and New Zealand
- Australian and New Zealand Society of Criminology
- Australian Health Economics Society
- American Economic Society

- Omicron Delta Epsilon (International Honor Society in Economics)

PROFESSIONAL ACTIVITIES

- President, Australian Health Economics Society, 1994 - 1999
- Referee: *Applied Economics*
Economic Analysis and Policy
Economic Record
Journal of Industrial Relations
Journal for Studies in Economics and Econometrics
Labour Economics and Productivity
New Zealand Economic Papers
Committee for the Advancement of University Teaching
National Centre for Epidemiology And Population Health
National Health and Medical Research Council
- Assessment Panel: General Practice Evaluation Program Grants
Commonwealth Department of Health and Aged Care
- Vice President, New York Economic Association, 1975 - 1976
- Adjunct Faculty Member, National Science Foundation, 1975 - 1976
- Member H.S.C. Examination Committee for Economics, 1980 - 1983
- Research Fellow: Labour Market Analysis Research Program

RESEARCH ACTIVITIES

I Refereed publications (grouped by subject and then date)

Economics of Health Care

Lewis, D.E., 'Rectifying Imbalances in the Geographical Distribution of Doctors', in *Economics And Health: 1991*. Edited by G. Selby Smith, Public Sector Management Institute and National Centre for Health Program Evaluation, Melbourne, 1992, 31-55.

Lewis, D.E. Shorten, B., Bryant, E., Wilson, M., Calvert, D., Ewan, C. and P. Fraser, 'The Economic Valuation of the Adverse Health Effects Resulting from Long-term Climatic Change', in *Economics and Health: 1992*. Edited by G. Selby Smith, Public Sector Management Institute and National Centre for Health Program Evaluation, Melbourne, 1993, 64-79.

Lewis, D.E., 'Setting Drinking Water Quality Guidelines: Theory and Practice', *Economics and Health: 1995*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1996, 61-76.

Morrison, R.J., Calvert, D., **Lewis, D.E.**, and P. Ricci, 'Public Consultation', *Water Journal* (July/August 1996), 56-58.

Shorten, A. and **Lewis, D.E.**, 'Economic Evaluation of Caesarean Section: Trial of

1996. Edited by A. Harris, *Australian Studies in Health Service Administration*, Sydney, 1997, 259-273.

- Lewis, D.E.**, 'Overcoming the Shortage of Organs for Transplantation', *Economics and Health: 1996*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1997, 301-313.
- Lewis, D.E.** and Gow, J. 'The Shortage of Organs for Transplantation'. *Economic Papers*, (March, 1997), 46-57.
- Shorten, A., **Lewis, D.E.** and Shorten, B., 'Trial of Labour Versus Elective Repeat Caesarean Section: A Cost-Effectiveness Analysis'. *Australian Health Review*, (1998), 8-28.
- Lewis, D.E.**, 'Increasing Co-Payments for Medical Services: A Painless Scheme', *Economics and Health: 1997*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1998, 135-147.
- Lewis, D.E.**, 'The Allocative Efficiency of the Australian Health Care System', *Economics and Health: 2000*. Edited by J Bridges, Australian Studies in Health Service Administration, Sydney, 2000, forthcoming.

Women and the Economy

- Lewis, D.E.**, 'Unanswered Questions about Women Workers', *Proceedings of the New York State Economics Association*, 1976.
- Lewis, D.E.**, 'Comparative Quit Rates of Men and Women', *Journal of Industrial Relations*, (September, 1979), 331-350.
- Lewis, D.E.**, 'Comparative Quit Rates of Men and Women' reprinted in B.J. Chapman, J.E. Isaac and J.R. Niland (editors) *Australian Labour Economics: Readings* (Third Edition), Macmillan 1984, 464-470.
- Lewis, D.E.**, 'The Measurement of the Occupational and Industrial Segregation of Women', *Journal of Industrial Relations* (September, 1982), 406-423.
- Lewis, D.E.**, 'The Measurement and Interpretation of the Segregation of Women in the Work Force', *Journal of Industrial Relations* (September, 1983) 347-352.
- Lewis, D.E.**, 'The Sources of Changes in the Occupational Segregation of Australian Women', *Economic Record* (December, 1985) 719-736.
- Lewis, D.E.** and Shorten, B., 'Earnings Differentials and Occupational Segregation By Gender: A Simultaneous Equations Approach', *Economics Letters*, (No. 21, 199-201).
- Lewis, D.E.**, 'Female Participation in the Australian Labour Force', *Australian Bulletin of Labour*, (September, 1987), 237-263.

- Lewis, D.E.**, 'Labour Market Implications of the Allocation of Time by Gender', *Australian Quarterly*, (Spring, 1987), 278-289.
- Lewis, D.E.**, 'Occupational Segregation, Labour Force Participation and the Relative Earnings of Men and Women', *Applied Economics*, (January, 1991), 167-177.
- Shorten, B and **Lewis, D. E.**, 'The Effects of Career Interruptions on Young Men and Women', *Australian Bulletin of Labour*, (September 1991), 240-258.
- Lewis, D.E.** and Shorten, B., 'Career Interruptions Among Young Australian Men And Women' in R.G. Gregory and T. Karmel (eds), *Youth in the Eighties*, DEET and CEPR, Canberra, 1992, 224-240.
- Lewis, D.E.** and Shorten, B. 'Youth Unemployment During a Recovery', in A Hodgkinson, D. Kelly and N. Verrucci (eds), *Responding to Unemployment: Perspectives and Strategies*, LMAP, Wollongong, 1993, 135-51.
- Lewis, D.E.**, 'Occupational Crowding', *Economic Record*, (June, 1996), 107-117.

Education and Welfare

- Lewis, D.E.**, 'Comparative Advantage Applied to Teacher Training', in *Teacher Training: Anti-Climax to Education?* Edited by A.J. Fielding, D.M. Cavanagh and R.E. Widdowson, 1977, 227-236.
- Lewis, D.E.**, 'Training Teachers and Other Professionals - An Evaluation Paradigm', in *Curriculum Priorities in Australian Higher Education*. Edited by A. Fielding and D. Cavanagh, Croom Helm, 1983, 99-106.
- Lewis, D.E.**, and Mangan, J., 'Wage Inflexibility and Quality Adjustment in Australian Academic Labour Markets: A Constrained Case', *Applied Economics* (October, 1987), 1279-1290.
- Lewis, D.E.**, 'The Financial Evaluation of Work-Study Alternatives Facing School-Leavers', *Higher Education Research and Development*, Vol.6, No.1, 1987, 35-43.
- Hawke, A. and **Lewis, D. E.**, 'A Fair and Feasible Income Support Program for Australia', *Economic Papers*, (June, 1989), 37-47.
- Lewis, D.E.**, 'Evaluation of an Alternative Income Maintenance Scheme', in *Social Policy in Australia: What Future for the Welfare State?* Volume 5, Edited by Peter Whiteford, Social Welfare Research Centre, Sydney, 1990, 91-100.
- Lewis, D.E.**, *Credit Transfers Between TAFE and Higher Education*,

Lewis, D.E., 'Credit Transfer Between TAFE and Higher Education' in *Current Practices in Credit Transfer and Related Issues*, National Board of Employment, Education and Training, Canberra, 1992, 59-102.

- Lewis, D.E.**, 'Is the Credit Transfer System Working? Recent Evidence from NSW', in *1993 Consultative Forum on Credit Transfer and Skill Recognition*, NBEET, AGPS, Canberra, 1993, 11-28.
- Lewis, D.E.**, 'Important Aspects of Teaching: Some Personal Observations and Practical Considerations', *Overview*, July, 1993, 5-7.
- Alaba, R. **Lewis, D.E.** and L. Dawes, *A Review of Credit Transfer Arrangements Between TAFE and Universities in NSW*, Department of Employment, Education and Training, AGPS, Canberra, 1993.
- Lewis, D.E.**, *The Performance at University of Equity Groups and Students Admitted Via Alternative Modes of Entry*, Department of Employment, Education and Training, AGPS, Canberra, 1994.
- McKay, D. and **Lewis, D.E.**, 'Domestic Economic Impact of Exporting Education: A Case Study of the University of Wollongong', *Economic Papers* (March, 1995), 28-39.
- Cohen, R., **Lewis, D.E.**, Stone, J. and Wood, W. *University Admissions for NSW TAFE Graduates: Procedures and Outcomes for NSW and ACT Universities*, Department of Employment, Education, Training and Youth Affairs, AGPS, 1997.
- Lewis, D.E.**, 'Admission Outcomes for NSW TAFE Graduates who Apply to University: Evidence from NSW and ACT Universities, 1991-1996', *University Admissions for NSW TAFE Graduates*, Department of Employment, Education, Training and Youth Affairs, AGPS, 1997, 61-129.

Economics of Crime

- Lewis, D.E.**, 'The Optimal Parole Period', *Economics Letters*, (No.4, 1979), 381-386.
- Lewis, D.E.**, 'Economic Aspects of the Parole Decision', *Australian Economic Papers*, (December, 1983), 259-279.
- Lewis, D.E.**, 'The General Deterrent Effect of Longer Sentences', *British Journal of Criminology*, (January, 1986), 47-62.
- Lewis, D.E.**, 'The Economics of Crime: A Survey', *Economic Analysis and Policy*, (September, 1987), 195-219.
- Lewis, D.E.**, 'Deterrence, Incapacitation and Rehabilitation: The Effects of Sanctions on Crime Rates', in *Economic Crime: Its Impact on Society and Effective Prevention*, Edited by U. Utsuro, Resource Material Series, No. 31, UNAFEI, Tokyo 1987, 174-188.

Lewis, D.E., 'Criminal Sanctions and Crime Rates', *Crime UK*, 1988, 17-24.

Lewis, D.E., 'A Linear Model of Fine Enforcement with Application to Theft in England and Wales', *Journal of Quantitative Criminology*, Vol.4, No.1, 1988, 19-37.

Other topics in Trade and Applied Microeconomics

Lewis, D.E., *An Empirical Test of the Heckscher-Ohlin Model Based on Regional Trade Flows in the United States*. Doctoral Thesis, Washington State University, 1971.

Lewis, D.E., 'An Empirical Test of Alternative Theories of Trade', *Annals of Regional Science*, (March, 1975), 102-111.

Lewis, D.E., 'Regional Trade Flows of Manufactured Products', *Annals of Regional Science*, (November, 1978), 62-73.

Lewis, D.E., 'Oligopoly: Reality in Search of an Explanation', in *Readings in Economics*, Volume II, E.C.T.A. Association of NSW, 1978, 135-146.

Lewis, D.E., 'Australian Trading Banks: Competition or Collusion?', in *Australian Microeconomic Policies and Cases*. Edited by C. Terry, Prentice-Hall, 1980, 55-67.

Lewis, D.E., 'Sweden's Manufacturing Sector - A Twentieth Century Success Story', *Australian Quarterly*, (Autumn, 1986), 16-33. (Reprinted by the Institute for International Economic Studies, No. 312, University of Stockholm).

Castle, R., **Lewis, D.E.** and Mangan, J. (editors) *Work, Leisure and Technology*, Longman Cheshire, Melbourne, 1986.

Lewis, D.E., 'The Swedish Manufacturing Sector: Lessons for Australia?', in *Work, Leisure and Technology*, Edited by R. Castle, D. Lewis and J. Mangan, Longman Cheshire, Melbourne, 1986, 68-96.

Lewis, D.E. and Mangan, J., 'Research and Development in Australia: The Role of Multinational Corporations', *Prometheus*, (December, 1987), 368-385.

II Textbooks

Lewis, D.E., *Basic Economic Concepts in Business Education*, New York: The State Education Department, 1976.

O'Brien, D.T., **Lewis, D.E.** and Guest, J.E., *Mathematics for Business and Economics*, Harcourt Brace Jovanovich, Sydney, 1989.

O'Brien, D.T. and **Lewis, D.E.**, *Exercises and Solutions for Mathematics for Business*

Lewis, D.E., O'Brien, D.T. and Thampapillai, D., *Statistics for Business and Economics*, Harcourt Brace Jovanovich, Sydney, 1990.

Lewis, D.E., O'Brien, D.T. and Thampapillai, D., *Exercises and Solutions for Statistics for Business and Economics*, Harcourt Brace Jovanovich, Sydney, 1991.

III Publications (not refereed)

Lewis, D.E., 'Economic Growth and Pollution', *Economics*, (May, 1977), 20-22.

Lewis, D.E., 'Commentary on "Issues Involved with Employing 'Willingness-To-Pay in Road Safety"', *Economics and Health: 1993*.. Edited by C. Selby Smith, Public Sector Management Institute and National Centre for Health Program Evaluation, Melbourne, 1994, 119-121.

Lewis, D.E., 'Comentary on "The Outcomes of the 1993 Medicare Agreements"', *Economics and Health: 1994* . Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1995, 97-99.

Lewis, D.E., 'Gender and Admission', *Directions in Education*, March 1995, 4.

Lewis, D.E., 'Commentary on "Unorthodox, Troublesome, Dangerous and Disobedient: A Feminist Perspective on Health Economics"', *Economics and Health:1995*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1996, 105-108.

Lewis, D.E., 'Commentary on "Insurance Design Features, PPOS, and Cost Containment of Prescription Drugs"', *Economics and Health: 1996*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1997, 101-102.

Lewis, D.E., 'Commentary on "Cardiovascular Disease Policy Model: A Microsimulation Appraoch"', *Economics and Health: 1996*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1997, 179-180.

Lewis, D.E., 'Commentary on "Reimbursement Decisions and the Implied Value of Life"', *Economics and Health:1997*. Edited by A. Harris, Australian Studies in Health Service Administration, Sydney, 1998, 19-23.

Lewis, D.E., 'Commentary on "The Difficulty with Life and Death: Methodological Issues and Results from the Utility Scaling of the Assessment of Quality of Life Instrument"', *Economics and Health: 1998*. Edited by J Baldry, Australian Studies in Health Service Administration, Sydney, 1999, 139-41.

Interventions: First Steps Towards Applying Portfolio theory in Public Health”, *Economics and Health: 1999*. Edited by J Baldry, Australian Studies in Health Service Administration, Sydney, 2000, 127-129.

IV Government Reports

Ali, S. Blakey, K and **D.E. Lewis**, *Development of Tourism in the Illawarra: Effects and Prospects*, with S. Ali and K. Blakey. A study conducted for and funded by the N.S.W. Department of Tourism. Economic Research Bulletin 11, 1979.

Lewis, D.E., *et.al.* 'Patterns of Disadvantage Among the Overseas Born and their Children', prepared for and funded by the Committee of Review of Migrant and Multicultural Programs and Services, 1986.

Lewis, D.E., and Mangan, J., 'Paid Work Done at Home and the Sex Discrimination Act'. An issues paper prepared for and funded by the Human Rights Commission, 1986.

Lewis, D.E., 'Training Programs for Women on Leave'. Prepared for and funded by the Women's Bureau, Department of Employment, Education and Training, 1988. Reprinted and published by DEET in 1990.

Bryant, E., **Lewis, D.E.**, Calvert, D., Ewan, C. and Wilson, M., 'Estimation of the Health Costs, to 2030 AD, of Enhanced Ultraviolet Radiation Due to Climatic Change', prepared for and funded by the Department of Health, Housing and Community Services and the Department of Arts, Sport the Environment and Territories, 1992.

Lewis, D.E., 'Admissions and Enrolments, New South Wales and ACT Universities, 1991-1994', Prepared for and funded by the Higher Education Unit of the Ministry of Education and Youth Affairs, 1995.

Morrison, R.J., Calvert, D., **Lewis, D.E.** and Ricci, P. , 'An Assessment of the Revised (1995) Australian Drinking Water Guidelines', prepared for and funded by the National Health and Medical Research Council and the Department of Health, Housing, Local Government and Community Services, 1995.

Lewis, D.E., *Performance at University of Former TAFE Students*. New South Wales Technical and Further Education Commission, 1999.

V Book Reviews

Lewis, D.E., 'Book Review of Women and the American Economy', *American Economist* (Fall, 1977), 86-87.

Lewis, D.E., 'Book Review of International Economics: A Self-Teaching Introduction of Basic Concepts', *American Economist* (Fall, 1975), 96.

Lewis, D.E., 'Book Review of Structured Chaos: The Process of Productivity Advance', *Prometheus* (June, 1987), 175-178.

Lewis, D.E., 'Book Review of The Future Impact of Technology on Work and Education', *Economic Analysis and Policy* (March, 1989), 109-111.

VI Conference Papers

Health

Lewis, D.E., 'Rectifying Imbalances in the Geographical Distribution of Doctors', Paper presented to the Thirteenth Australian Conference of Health Economists (September 1991), Canberra.

Morrison, R.J., Calver, D., **Lewis, D.E.**, and P. Ricci.. 'The Economic Evaluation of the Costs of Adverse Health Effects Resulting From Long-Term Climatic Change', Paper presented to the Fourteenth Australian Conference of Health Economists (September, 1992), Canberra.

Lewis, D.E., 'Setting Drinking Water Quality Guidelines: Theory and Practice', Paper presented to the Seventeenth Australian Conference of Health Economists (July, 1995), Brisbane.

Lewis, D.E., 'Overcoming the Shortage of Organs for Transplantation', Paper presented to the Eighteenth Australian Conference of Health Economists (July, 1996), Coffs Harbour.

Shorten, A. and **Lewis, D.E.**, 'Economic Evaluation of Caesarean Section: Trial of Labour Versus Elective Repeat Caesarean Section', Paper presented to the Eighteenth Australian Conference of Health Economists (July, 1996), Coffs Harbour.

Lewis, D.E., 'Increasing Co-Payments for Medical Services: A Painless Scheme', Paper presented to the Nineteenth Australian Conference of Health Economists (July 1997), Melbourne.

Lewis, D.E., 'The Allocative efficiency of the Australian Health Care System', Paper presented to the Twenty Second Australian Conference of Health Economists (July, 2000), Gold Coast.

Women in the Economy

Lewis, D.E., 'Attracting Women to Economics', Paper presented at the 1975 meetings of New York Economic Association, New York.

Lewis, D.E., 'The Continuing Occupational and Industrial Segregation of Women', Paper presented at the Tenth Conference of Economists of the Economic Society of Australia and New Zealand. (August, 1981), Canberra.

Lewis, D.E., 'The Decomposition of Change in the Occupational and Industrial Segregation of Australian Women, 1891-1976', Paper presented at the Eleventh Conference of Economists of the Economic Society of Australia and New Zealand. (August, 1982), Adelaide.

Lewis, D.E. and Shorten, B., 'Female Participation in the Labour Force', Paper presented at the Symposium on Changing Patterns of Work in Australia. (August 1986), Wollongong.

Lewis, D.E., and Shorten, B., 'Estimating the Extent and Impact of Career Interruptions Using the ALS', Paper presented to the Australian Longitudinal Survey Research Project Workshop. (June 1990), Canberra.

Lewis, D.E. and Nyland C., 'The Physical Requirements of Jobs, Occupational Segregation and Relative Wage Rates', Paper presented to the Twentieth Conference of Economists, October 1991, Hobart.

Lewis, D.E., 'Performance at University by Gender', Paper presented to the Twenty Ninth conference of Economists, July 2000, Gold Coast.

Education and Welfare

Lewis, D.E. and Doyle, P., 'Factors Affecting the Performance of Students in Quantitative Methods', Paper presented at the Second Australian Economics Education Conference, (February 1982), Sydney.

Hawke, A. and **Lewis, D.E.**, 'Evaluation of an Alternative Income Maintenance Scheme for Australia'. Paper presented to the National Social Policy Conference. (July, 1989), Sydney.

Lewis, D.E., 'Is the Credit Transfer System Working?' Keynote paper presented to the Consultative Forum on Credit Transfer and Skill Recognition (April, 1993), Melbourne.

Lewis, D.E., 'Admission, Recognition and Student Performance' Keynote Paper presented to the TAFE Recognition Forum (May, 1995), Sydney.

Lewis, D.E., 'The Performance of Equity Groups at the University of Wollongong, 1990-1993', Keynote Paper presented to the Second National Conference on Equity and Access in Tertiary Education (July, 1995), Melbourne.

Economics of Crime

Lewis, D.E. 'The Economics of Parole', Paper presented at the Eighth Conference of Economists of the Economic Society of Australia and New Zealand. (August, 1979), Melbourne.

Lewis, D.E., 'The Economics of Crime: A Survey', Paper presented at the Fourteenth Conference of Economists of the Economic Society of Australia and New Zealand. (May, 1985), Sydney.

Lewis, D.E., 'Evaluating Fine Enforcement Practices', Paper presented to the Third Annual Conference of the Australian and New Zealand Society of Criminology. (August 1987), University of Melbourne.

Tanton, R. and **Lewis, D. E.**, 'Estimating the Cost of the NSW Fine Default System', Paper presented to the Sixth Annual Conference of the Australian and New Zealand Society of Criminology. (September 1990), Sydney.

Lewis, D.E., 'Crime and Police: An Economist's Perspective', Paper presented to the Conference on the Assessment of Organised Crime in New South Wales (July, 1994), Sydney.

Other Topics in Trade and Applied Microeconomics

Lewis, D.E., 'An Empirical Test of Alternative Theories of Trade', Paper presented at the 1973 meetings of the Western Economic Association. Los Angeles.

Lewis, D.E., 'Commodity Flows in the United States', Paper presented at the 1974 meetings of the Eastern Economic Association, Pennsylvania.

Lewis, D.E., 'Recent Extensions to the Heckscher-Ohlin Theorem of Trade', Paper presented at the Seventh Conference of Economists of the Economic Society of Australia and New Zealand. (August, 1978), Sydney.

Lewis, D.E., 'The Swedish Manufacturing Sector: Lessons for Australia?', Paper presented at the Conference on Work, Income and Leisure in the Years Ahead. (September, 1984), Wollongong.

Lewis, D.E. and Mangan, J., 'Research and Development in Australia: The Role of Multinational Corporations', Invited paper presented to the Second E.F. Schumacher Memorial Conference (November 1986), Newcastle.

VII Research Grants

\$2,600 *Comparative Quit Rates of Men and Women* (1977)
University of Wollongong

\$2,000 *Tourism in the Illawarra Region* (1978)
(with K. Blakey and S. Ali)
N.S.W. Department of Tourism

\$2,622 *Economic Aspects of Parole Decisions* (1980)
University of Wollongong

\$43,000 *The Occupational & Industrial Segregation of Women* (1982-86)

- \$8,200 *Determinants of Occupational Segregation* (1985-86)
Reserve Bank of Australia
- \$1,000 *Outwork and Sexual Discrimination* (1986)
(with J. Mangan)
Human Rights Commission

- \$7,000 *Patterns of Disadvantage* (1986)
(with S. Castles, *et.al.*)
Committee of Review of Migrant and Multicultural Programs and Services
- \$11,500 *Training Programmes for Women on Leave* (1987)
Department of Employment and Industrial Relations
- \$9,400 *Evaluating Fine Enforcement Practices in NSW* (1988)
University of Wollongong
- \$18,200 *Credit Transfers Between TAFE and Higher Education A Pilot Study*
(1989-90)
Department of Employment and Industrial Relations
- \$92,000 *Physical Differences Between Males and Females and the Sexual Division of Labour* (1990-92)
(with C. Nyland)
Australian Research Council
- \$6,000 *Estimation of the Extent and Impact of Career Interruptions Using ALS Data* (1990)
(with B. Shorten)
Department of Employment, Education and Training and ANU
- \$43,761 *Estimation of the Health Costs, 2010-2030 AD, Resulting from Enhanced Ultraviolet Radiation* (1991-92)
(with E. Bryant *et.al.*)
Department of Community Services and Health and
Department of the Arts, Sports, Environment, Tourism and Territories
- \$19,543 *Performance of Students Admitted Via Alternative Entry Modes* (1993-94)
Department of Employment, Education and Training
- \$16,000 *Admissions and Enrolments in New South Wales and ACT Universities* (1995)
Higher Education Unit, Ministry of Education and Youth Affairs
- \$76,000 *Assessment of the Impact of New National Drinking Water Guidelines*
(1994-1995)
(with J. Morrison, *et. al.*)
National Health and Medical Research Council and
Department of Health and Community Services
- \$5000 *Adaptation and Use of PAGE Materials for Internal Teaching* (1996)
Strategic Development Fund
University of Wollongong

- \$7500 *Strategic Alliances Between international Students and Local Industry*
(1996)
(With Rob Castle)
Third Quality Round--Community Service
University of Wollongong
- \$64,471 *University Admissions Procedures for TAFE Graduates* (1996-1997)
(with Graham Wood and Lann Dawes)
Department of Employment, Education and Training
- \$21,000 *Performance at University of Former TAFE Students* (1997-1999)
NSW TAFE and Board of Vocational Education and Training

TEACHING ACTIVITIES

The highlight of my 33 years as a university teacher was receiving the Vice-Chancellor's Award for Excellence in Teaching in May 1991, the inaugural year of the award of the University of Wollongong. While I have taught numerous undergraduate and graduate subjects my areas of concentration have been in the fields of health economics, microeconomics (theory and applied) and quantitative methods (statistics, econometrics, mathematical economics and linear programming). I have been responsible for substantial revisions in the curriculum for the Honour's programme and the sequence of subjects in quantitative methods. The graduate subjects I have taught include ECON916 Microeconomic Analysis, ECON918 Economics of Health Care, ECON932 Economic Analysis of the Business Environment, ECON941 Advanced Topics in Economics, and ECON997 Advanced Microeconomic Theory. I have also supervised the theses of Honours (9), Honours Masters (3) and PhD (3) students. One of my honours students received the University Medal.

Summary results of student evaluations attest to my ability to communicate effectively and to facilitate the learning process.

My interest in teaching and education goes well beyond the classroom as reflected in the following activities.

- Member of the NSW HSC Examination Committee for Economics 1981-83
- Member of the School Board in Troy, New York 1974-76
- Member of Bachelor of Business (1986) and MBA (1988) Course Assessment Committees for the Riverina-Murray Institute of Higher Education
- Lectures to numerous high schools, open days and service groups such as Apex, Rotary and Zonta.
- Director of Post Graduate Research, Faculty of Commerce 1989-90.

- Management Committee, Campus East, 1989-94
- Council of the Illawarra Grammar School 1991- present
- Clinicians Management Education Advisory Committee 1992-5

ADMINISTRATIVE EXPERIENCE

My administrative experience at the University of Wollongong has been substantial and includes:

- Head, Department of Economics 1980-1983, 1999-1996, 1998-2000
- Chairperson, Faculty of Social Science 1980-1982
- Chairperson, Faculty of Commerce 1982-1984
- Head, Graduate Business School 1991-1994

I have also served on a variety of Department, Faculty and University committees at the University of Wollongong including more than 10 years on the University's Board of Research and Post-Graduate Studies.

University:

- Academic Senate
- Academic Promotions Committee (Social Science and Commerce)
- Board of Research and Post Graduate Studies
Including sub-committees for Research Grant Allocation and Post-Graduate Studies.
- Committees of Review (Department of Economics, Centre for Multicultural Studies)
- Graduate Studies Committee
- Recurrent Resources Committee
- Research Grants Committee
- Undergraduate Studies Committee
- University Medal Committee
- Working Party on Summer Session
- Chairman, University Open Day

Faculty:

- Faculty of Commerce Planning Committee (Chairperson)

- Selection Committees for appointments in Accountancy, Economics (including Dean, faculty of Commerce, Professor of Economics and Professor of Business Information Systems), Education, Geography, Mathematics and Psychology.
- Faculty of Commerce Research Committee (Chairperson)