1990 was an extraordinarily active year in the QED. As noted elsewhere in this newsletter, teaching and research continued at their usual pace, but a simple accounting of those activities would give a significant underestimate of the developments in the department. As I discuss below, recruiting was a major activity for 1990, and the QED that is reflected in this newsletter has a lot of new faces (not to mention new ideas).

The undergraduate program continues to flourish, and in 1990 we graduated 77 BAs (Honours); much to our pedagogical delight but administrative peril, over half continue to write the (now optional) BA Thesis. Mike Abbott continues in his role as Undergraduate Coordinator through June 1991, and has been able to provide a great deal of help to the Undergraduate Secretary, Jennine Ball – who we all know really runs the program. In July of 1991, Gordon Sparks will resume the Undergraduate Coordinator position as Mike takes a well deserved sabbatical.

We feature the graduate program in this newsletter, partly to profile the milestone of graduating our 150th PhD just in time to join the celebrations surrounding Queen’s 150th birthday. Also, as highlighted elsewhere in this newsletter, 1990 was a banner year for the PhD program; nine PhDs were granted in 1990 (bringing our three year total to 31), and the twelve students on the job market last winter not only formed a significant chunk of the entire market of Canadian trained PhDs, but also were very successful in acquiring a surprisingly diverse and certainly impressive variety of jobs. Charlie Beach continues as Graduate Coordinator through June 1991, at which time Frank Lewis will take over. He will be ably assisted by Theresa Brennan, Graduate Assistant, and Juanita Fitzgerald, Graduate Secretary.

The list of IER Discussion Papers reflects the research and conference activity of the faculty, and the list of workshops highlights our ongoing activities there. But the workshop list is perhaps a bit shorter than in other years because a great deal of our workshops were devoted to recruiting seminars. As those of you who have been watching the QED in action will realize, turnover has definitely been a feature of the last couple of years.

Sadly, this turnover in part reflects a number of departures. Jack Mintz resigned in order to stay on at the University of Toronto; Bentley MacLeod resigned in order to take up a position at the University of Montreal; and Nancy Olewiler resigned to move to Simon Fraser University, as did Rick Harris. Readers of the QED Newsletter do not have to be told how much we regret all of these resignations; these four were all key contributors to the QED over the past years, and their inputs into our teaching and research activities, as well as their role in the intellectual and social life of the department will be greatly missed. I know I speak for all my colleagues in the QED when I wish them well in their new positions, and I look forward to them all continuing a close relationship with the QED and participating in our activities.

Fortunately, turnover has its bright side as well, and departures create not only regrets but opportunities. No less than seven new faculty were appointed in 1990. As well, we had a larger than usual complement of visiting faculty, many of whom got actively involved in the Department’s activities.

Four new assistant professors joined the QED in the fall of 1990 (Craig Burnside, Chris Ferrall, Tony Smith, and Ruqu Wang); they are all profiled in the newsletter. Three other new faculty signed on in 1990 but did not join us until 1991; you will learn more about them in next year’s newsletter. In January, Devon Garvie joined us as a new Assistant Professor after completing her PhD at Berkeley; Roger Ware joined us as an Asso-
I would like to express my thanks to the staff of the QED for their own commitment to excellence that makes my job possible and contributes so much to the activities of the QED: Angie, Elaine, and Dot on the third floor of Dunning, Julie and Heather in the main office, and Charlotte in MacIntosh-Corry. Jane Baldwin, the QED Senior Administrative Assistant, manages to deal efficiently with an assortment of issues that often appear to be overwhelming but nevertheless get done. Finally, it is a pleasure to acknowledge the incredible contribution that Ellen McKay, Departmental Assistant, makes to the running of both my life and that of the department.

Just as 1990 was active, so will 1991 be. We expect to announce more new and exciting appointments, but probably not as many as seven; 1991 should be a period of consolidation rather than growth and turnover. One exciting event for 1991 will be the return of the meetings of the Canadian Economics Association to Kingston. I hope to see many of you here in June for those meetings, and I invite you to take the opportunity to drop into the department to say hello to old friends and make acquaintances with new ones. If you do come for the meetings, watch for an announcement of a major QED reunion on the night of Sunday June.

Douglas D. Purvis
May 1991
Queen’s PhD’s Pass the 150 Mark

In the Fall Graduate Convocation on October 26, 1990, Queen’s graduated its 150th PhD in Economics. The PhD program in Economics was begun in 1961-62 with the first degrees being awarded in 1966. The 50th PhD was graduated in 1978 and the 100th in 1985. Since then the department has been graduating doctoral students at a rate of about ten a year. A list of the “First 100” PhD’s was published in the department’s QED newsletter of 1986. A list of the “Next 55” and where they are now appears below.

The 150th PhD was awarded to Ian Cramb for his thesis on “Competitive Insurance Markets Characterized by Asymmetric Information” jointly supervised by Robin Badway and Richard Arnott. At the convocation where Ian received his degree, Principal David Smith, a former and longtime Head of the Economics Department, expressed how pleased he was that this benchmark had been reached at a time when Queen’s University is leading into its own 150th anniversary celebrations.

Economics had a high profile at the convocation as a total of 7 PhD’s and 26 MA’s were awarded, and Richard Lipsey, Peacock Professor of Economics at Queen’s from 1970 through 1984, was awarded an honorary doctorate.

In 1985 the CA Curtis Prize in Economics was established in memory of the late Professor CA Curtis by a group of colleagues and former students. Professor Curtis taught economics at Queen’s from 1927 to 1969, and was Dean of the School of Graduate Studies and Research from 1964 to 1968. The prize is awarded annually to the person judged to have written the best doctoral thesis in economics in the previous two years. Past winners of the award are also listed below; the 1990 prize was awarded to W. Steven Clark (pictured on this page) for his thesis on “A Theoretical and Empirical Analysis of the Tax Adjusted q-Dynamics of Investment” under the principal supervision of Neil Bruce.

One of the ongoing traditions of the Queen’s Economics Department is its annual December Christmas Party and the competing skits by the faculty and graduate students. While the faculty speculated on the pros and cons of moving the graduate student offices to a new South-West Campus (“just south of the current West Campus”) where they would have a captive audience for their graduate lectures, it has to be acknowledged that the graduate student skit won out this year with one of the best performances ever. The MA class especially got in the spirit by spoofing some luckless first-term instructors and the Graduate Coordinator, and by contributing the following:

**Top Ten Reasons for why anyone would do an MA at Queen’s:**

10. Ran out of gas on 401.
9. McDonald’s wasn’t hiring.
8. Heard that if you pick the right courses you can graduate by Christmas.
7. Didn’t get accepted at Western.
6. The exciting Kingston nightlife.
5. MA!! I thought I applied for an MBA.
4. Russell Davidson’s fashion tips.
3. Wanted one more useless degree.
2. It’s a requirement of my day parole.
1. Thought Charlie Beach was a place and not a person.

Steven Clark
“NEXT 55” Queen’s Economics PhD’s

101 Helen GAGLIA 1985
Ministry of National Economy, Athens

102 Simon ANDERSON 1985
University of Virginia

103 Torben DREWES 1985
Trent University

104 Stuart LANDON 1985
University of Alberta

105 Robert LIPPENS 1985
Chrysler Corporation

106 Frank ATKINS 1986
University of Calgary

107 Michael DEVEREUX 1986
Queen’s University

108 Murray FRANK 1986
University of British Columbia

109 John KARIKARI 1986
University of Regina

110 Takao KATO 1986
Colgate University

111 Christopher NICOL 1986
University of Regina

112 Peter TOWNLEY 1986
Acadia University

113 Peter WYLIE 1986
Trent University

114 Anthony KILDUFF 1986
Seattle University

115 Zisimos KOUSTAS 1986
Brock University

116 Constance SMITH 1986
University of Alberta

117 Oskar VON DEM HAGEN 1986
University of Oldenburg

118 Yaman ASIKOGLU 1987
City College of New York

119 Tanis DAY 1987
Queen’s University

120 James GAISSPORD 1987
University of Calgary

121 Ian GORMAN 1987
C.M.H.C.

122 David COX 1987
Waterloo University

123 Alice ENDERS 1987
GATT, Geneva

124 David ROBINSON 1987
Laurentian University

125 Hafiz AKHAND 1988
University of Windsor

126 Granville ANSONG 1988
Waterloo University

127 Barmak ARVIN 1988
Trent University

128 Merwan ENGINEER 1988
University of Guelph

129 Denis GAUTHIER 1988
Department of Finance

130 Colin READ 1988
Clark University

131 Michael KIDD 1988
University of Tasmania

132 Victoria KWAKWA 1988
University of Regina

133 David MURRELL 1988
University of New Brunswick

134 Brian SCOTT 1988
Waterloo University

135 Jan BARTHOLODY 1989
University of Otago

136 Ian KING 1989
University of Victoria

137 Paul LANOIE 1989
Univeriste Laval

138 Elizabeth MAYNES 1989
York University

139 Thomas McCARTHY 1989
University College, Ireland

140 Merih UCTUM-ASIKOGLU 1989
Federal Reserve Bank of New York

141 Ugurhan BERKOK 1989
Universite de Montreal

142 W. Steven Clark 1989
Department of Finance

143 Kevin HEBNER 1989
York University

144 Theodore HORBUYK 1989
University of Calgary

145 Arman MANSOORIAN 1989
Dalhousie University

146 Steffan ZISS 1989
University of New South Wales, Sydney

147 R. Todd SMITH 1990
University of Alberta

148 Perry SADORSKY 1990
University of California, Riverside

149 M. Gregory LEBLANC 1990
Concordia University

150 Ian CROMB 1990
Trent University

151 Jonathan THOMAS 1990
Cambridge University

152 Julian BETTS 1990
University of California, San Diego

153 Irene HENRIQUES 1990
York University

154 Kenneth MacKENZIE 1990
University of Toronto

155 M. Scott TAYLOR 1990
University of British Columbia
Four of the “Next 55”, although still a part of the academic scene, have chosen quite diverse paths. These graduates, Simon Anderson, Tanis Day, Murray Frank and Elizabeth Maynes, are profiled below to illustrate the career choices of our recent graduates.

**SIMON ANDERSON** received a PhD from Queen’s in 1985. He joined the Department of Economics at the University of Virginia, Charlottesville, in 1987, after spending a year at each of CORE, Université Catholique de Louvain and CEME, Université Libre de Bruxelles. Simon has worked and published extensively with André de Palma (Northwestern) and Jacques-François Thisse; they are currently working on a book entitled *The Analysis of Differentiated Markets with Discrete Choice Models*.

Simon married Anita (currently an Art History PhD candidate at Virginia) while in Belgium and they continue to spend their summers in Europe.

**TANIS DAY** received her Masters and PhD from Queen’s; her PhD thesis examined the diffusion of household durable goods and their effect on household production. After graduation Tanis joined the Canadian Advisory Council on the Status of Women as their in-house economist. Front row exposure to women’s issues combined with the rigour of economics gave her an unique outlook. She also continued to teach part-time at Queen’s expanding her labour economics course to incorporate issues of women, families and equity.

Currently Tanis is an adjunct assistant professor in the Economics Department at Queen’s where she continues to teach labour economics, women’s studies and public policy. Since 1989 she has also worked with the Vice-principal, Human Resources, on issues of employment equity for faculty and she recently completed a project on family support policies for Queen’s. Tanis participates widely in conferences and workshops on work and family. She is a member of the Advisory Committee on Economic Issues at the Ontario Women’s Directorate. She has recently begun work on turning her course material into a textbook for economics/women’s studies courses.

Tanis lives in Kitchener with her husband, Bill, a member of the Computing Science Department at University of Waterloo, and their four delightful children.

**MURRAY FRANK** is currently Assistant Professor in the Faculty of Commerce at the University of British Columbia. After receiving his PhD from Queen’s in 1985 he took up a position in the Department of Economics at the University of Guelph, before departing for the west coast in 1988. Murray is working on a long term project with Bram Cadsby (Guelph) and Vojislav Maksimovic (UBC) looking at experimental auctions with asymmetric information. Another project with Iain Cockburn (UBC and NBER) examines the effects of energy price shocks on capital pricing, utilization and depreciation.

**ELIZABETH MAYNES** received a Masters and a PhD from Queen’s, specializing in Finance and Industrial Organization. After leaving Queen’s in 1986 she joined the Faculty of Administrative Studies at York University. Liz is a member of the Finance group and teaches Finance to MBA and undergraduate students. Her current research in the area of corporate finance focuses on mergers and acquisitions and corporate governance. Research projects include follow-up of exempt takeover bids and the interaction between securities regulation and the takeover market. An interesting application of this research involved joint work on the preparation of a brief for a recent regulatory hearing at the Ontario Securities Commission.
Profile of the PhD Class of 1990

The Queen's PhD class of 1990 was one of the most memorable ever. It included twelve PhD candidates who were on the job market last year, nine of whom graduated by the end of 1990, plus Ian Cromb who graduated as the 150th PhD in the department and has been teaching at Trent University the last two years. The twelve PhD candidates were not only an unusually large class, but also came from a broad range of academic backgrounds. While eight had their first degrees in Economics, two were in Commerce, and one each came from Chemistry (Julian Betts) and Astronomy (Perry Sadorsky). All but one obtained their undergraduate degrees from Canadian Schools (two each from the Université de Montréal and Saskatchewan; the rest from Queen's, Toronto, Calgary, U.B.C., Victoria and St. Mary's), while Jonathan Thomas came from L.S.E. Their fields and research interests spanned much of the discipline from pure Micro and Macro theory to Money, International Trade and Finance, Natural Resources and Environmental Economics, Labour, Finance, Taxation, Risk, I.O., and Research and Development and Technological Change. By the time they entered the job market, they had at least twenty publications among themselves and extensive conference experience.

When they left Queen's, they also dispersed to a wide range of locations. Julian Betts went to the University of California in San Diego, Steve Clark to the Department of Finance in Ottawa, Irene Henriques to the York Business School, Benoit Laplante to Université Laval, Greg LeBlanc to Concordia, Ken McKenzie to the University of Toronto, Graham Pugh to the Bank of Canada, Perry Sadorsky to the University of California at Riverside, Todd Smith to the University of Alberta, Mike Spencer to the I.M.F. in Washington, Scott Taylor to a Killam Post-Doc at U.B.C., and Jonathan Thomas back to Britain at the University of Cambridge.

We look forward to seeing the members of the Class of '90 back at Queen's for the C.E.A. meetings this year – just in time for the first games of the Queen's graduate student soccer league where Economics has quite a reputation to uphold.

Institute for Economic Research

Discussion Paper Series, 1990
The Discussion Paper Series provides an opportunity for faculty, graduate students and visitors at Queen's to circulate their research to a wide audience. Sponsored by the Institute for Economic Research, all of these publications receive wide distribution to academic, government and private institutions.

767 John Baldwin and Paul Gorecki
Firm Entry and Exit in the Canadian Manufacturing Sector

771 John Hartwick
Natural Resources, National Accounting and Economic Depreciation

768 John Baldwin and Paul Gorecki
Intra-Industry Mobility in the Canadian Manufacturing Sector

772 John Hartwick
Pollution and National Accounting

770 Dan Usher
The Birth of the Liberal Society

773 John Baldwin and Paul Gorecki
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Mike Abbott completed his first year as Undergraduate Chair in 1990. He was the Chair of the Departmental Computing Committee and was the Departmental Computing Representative to Queen’s University Computing and Communications Services. He also continues as a member of the Faculty Board of the School of Industrial Relations.

In March, Mike attended a Conference on “Social Policy and the Labor Market: A Comparative Study of the United States” and Canada, an NBER Donner Foundation Project in Cambridge, MA. He was a co-organizer with Charlie Beach and Lorne Carmichael of the Canadian Labour Economics Conference, funded by a SSHRCC Conference Grant at Queen’s in April. He was the organizer of the Policy Forum on Pay Equity, sponsored by the John Deutsch Institute for the Study of Economic Policy at Queen’s in June.


Mike received grants from the Advisory Research Committee at Queen’s to work on “Firm Compensation Policies and Employee Compensation” with Rick Chaykowski and from Employment and Immigration Canada for a joint project with Charlie Beach and Steve Kaliski entitled, “Employment Adjustment and Instability: Marginal Labour Force Attachment or Job Search and Matching?” His article, “Immigrant Earnings Differentials in Canada: A More General Specification of Age and Experience Effects,” with Charlie Beach is forthcoming in Empirical Economics.


John gave a number of papers at conferences during 1990. He presented “Aspects de l’Evolution du Marche du Travail au Canada” at the Septième Journées Microéconomique in May in Montreal. In June, he spoke on “Worker Turnover in the Canadian Economy” at the Canadian Economics Association Meetings in Victoria and “Mergers in Canada” at a conference entitled “Fusions, Oligopole, and Exchange International” at the University of Aix-Marseille. John attended the annual meetings of the European Association for Research in Industrial Economics in Lisbon in September where he presented “Competition as a State or a Process.” As well, he addressed the Conference on Technical Efficiency at Harvard University on “Industry Efficiency and Plant Turnover in Canadian Manufacturing Industries” and gave a paper entitled “Distinguishing Characteristics of Foreign High Technology Acquisitions in Canada’s Manufacturing Sector” to the Conference on Foreign Investment, Technology and Economic Growth in Ottawa. The “Dynamics of Firm Turnover” was presented to the Roundtable on Business Frames in Williamsburg in October. John also attended the Conference, “Globalization through Mergers and Acquisitions” at the University of Toronto, School of International Studies, where he gave his paper, “Foreign Multinational Enterprises and Turnover Activity in Canada.”

John lectured this year at the University of Alberta, the University of Lethbridge and Laval University. An invited lecture entitled, “The Dynamics of Industry Turnover and the Competitive Process” was given in the public lecture series at Statistics Canada.

Charles Beach continued as Chair of Graduate Studies as well as Graduate Placement Officer (until August) for the Department. He was also on the School of
Industrial Relations committee to develop a proposal for a two-year Masters of Industrial Relations program. He was the econometric and database consultant for the multi-million dollar “Better Beginnings” project awarded to Queen’s by the Ontario government. Charlie has stepped down after a three-year stint as a member of the John Charles Polanyi Prize Selection Committee for the Ontario Council of Graduate Studies. He is Head of the CEA’s Statistics Committee, and is continuing his efforts to bring about a PSID-type longitudinal household labour market survey for Canada.

This year Charlie has published a Statistics Canada Analytical Study monograph (December, 1990) entitled, Characteristics of Labour Market Change: Preliminary Evidence from the Labour Market Activity Survey, with Mike Abbott and Steve Kaliski. His paper, “Factors Behind the Changes in Canada’s Family Income Distribution and the Share of the Middle Class,” with Cathy McWatters has been published in Relations Industrielles (Vol. 45, No. 1, 1990).

Charlie gave a number of papers at various universities during the past year. These included “Is There a Double-Negative Effect on the Earnings of Immigrant Women?”, with Chris Worswick, presented at Trent University in November; “Characteristics of Labour Market Change in Canada”, at the University of Regina in May; and “A Proposal for a Household Panel Survey for Canada”, at Carleton University and at CIAR in February.

Charlie, Mike Abbott and Lorne Carmichael organized and received a SSHRC Conference Grant for the “Canadian Labour Economics Conference” held at Queen’s in March. He also received an Employment and Immigration Canada research grant for a research project on “Employment and Adjustment and Instability – Marginal Labour Force Attachment or Job Search and Matching?”, in April which he holds jointly with Mike Abbott and Steve Kaliski.

Charlie attended a number of conferences including the NBER Labor Economics conference and the Donner Foundation Conference as discussant both in Cambridge MA in April, the John Deutsch Institute Conference on Canadian Transportation Policy in April, and the John Deutsch Institute conference on Pay Equity in June, the Canadian Econometrics Study Group conference at Guelph in September and the CEA Meetings in Victoria in May where he was discussant of three papers.


Dan presented a variety of seminars during the year. He and David Scoones gave their paper, “Promotion, Turnover and Preemptive Wage Offers,” at Queen’s University. His paper “Investment and Insider Trading” written with Eric Hughson and Burton Hollifield was given at the Royal Military College and Queen’s University. His paper written with Merwan Engineer, “Costly Institutions and Incentive Compatible Transfers Between Generations” was presented at the University of Houston, Texas A & M and at the American Economics Association meetings.

by the Kingston Whig Standard in February, delighted it’s readers as a witty commentary of the trials of international airline travel.

Dan is a member of the American Economic Association, the American Finance Association and the Econometric Society. He also coordinated the Microeconomic Workshop series for 1990.

Robin Roadway continued as Managing Editor of the Canadian Journal of Economics as well as a member of the Editorial Board of the Journal of Business Administration. He assumed a number of administrative responsibilities for Queen’s including membership on the Advisory Board and Executive Council of the Centre for Resource Studies, the Rhodes Scholarship Advisory Committee and the Executive Committee of the Institute of Intergovernmental Relations. Robin was also the Chair for the Doctoral Fellowships and Postdoctoral Fellowships Committees of SSHRC and a member of the Council of Advisors of the C.D. Howe Institute of Toronto. In April, Robin visited the National Science Council of the Republic of China, Sun Yat-sen Institute in Taipei as an invited lecturer.

Robin did some commissioned research work during the year including the preparation of a paper evaluating tax incentives in developing countries for the World Bank; a review of long-term debt policy for the Department of Finance; and the preparation of a conference paper on the economics of constitutional reform for the Business Council on National Issues. He also gave testimony to the Senate Banking, Trade and Commerce Committee on the Goods and Services Tax in August.


Robin’s current research interests include “Tax Policy in an Open Economy” with Neil Bruce, Queen’s; “Taxation and the Family” with Maurice Marchand, CORE, Belgium; “Unemployment Insurance and Minimum Wages” with Nicolas Marceau, Queen’s; “Investment in Education and Growth” with Victoria Barham and Maurice...
Marchand, CORE, Belgium; and “Tax Reform in LDC’s” with Frank Flatters, Queen’s.


Neil attended the Donner/NBER conference on U.S. - Canada Tax Differences in July where he presented, “Pressures for Harmonization of Income Taxation Between Canada and the US” with Robin Badoway. He presented two seminars at the University of Washington Seminar Series: “Income Tax Integration and Harmonization” in October and “Moral Hazard, Private Provision of Insurance and Government Intervention” in December. He gave his paper, “Time Consistent Fiscal Policy and the Structure of Taxation,” at the University of Victoria Visiting Speakers Seminar in March. He continues to be a member of the American Economic Association, the Canadian Economic Association, the Canadian Tax Foundation and the National Tax Foundation.

Craig Burnside was welcomed to the department in the summer of 1990 from Northwestern University. Craig’s areas of interest include macroeconomics, macroeconomic theory and time series; his PhD dissertation was entitled, “Solving, Estimating and Testing Nonlinear Asset Pricing Models: A Unified Approach.” His current research interests include “Consumption-Based Asset Pricing in Models with Liquidity Effects,” “Two-Stage GMM Estimation in Asset Pricing Models” and “Hansen-Jagannathan Bounds as Tests.” Craig is also working on a collaborative research project with Marty Eichenbaum of Northwestern University entitled, “Capacity Utilization and the Business Cycle.” Craig attended several conferences and workshops this year to present his research. He spoke on “Asymptotic Properties of Method of Moments Estimators Based on Numerical Solutions to Asset Pricing Models,” at the Canadian Econometric Study Group Annual Meeting. He also gave his paper, “The Co-Movement of Asset Returns with Time Non-Separable Preferences,” at the Canadian Macroeconomic Study Group Annual Meeting. Craig presented his paper, “Labour Hoarding and Business Cycle” at seminars at Queen’s and Université du Québec à Montréal. He gave a talk on “Small Sample Properties of Method of Moments Estimators” at Université de Montréal. He is a member of the Econometric Society and the American Economic Association.

Lorne Carmichael is currently working on a variety of research programs including “Decision Making in Organizations,” “Labour Hoarding,” “Evolutionary Models in Economics,” and “Theory of Organizations” with Bentley MacLeod of the University of Montreal. He published “Efficiency Wage Models of Unemployment - One View” in Economic Inquiry. Lorne currently holds a SSHRC grant to work on his research on “Labour Market Institutions with Imperfectly Competitive Output Markets.”

Lorne gave a seminar entitled, “Multiskilling Technical Change and the Japanese Firm,” at Yale University, University of Toronto, Guelph University, University of Chicago, and Trent University. He presented “What Else Do Bosses Do?” at McGill University and University of Michigan. Lorne is an Advisory Editor for Economic Letters and the American Economic Review. Membership in profession-
al societies includes the Canadian Economics Association and the American Economics Association. Lorne was consulted by background researchers from Canada AM (CTV), The Journal (CBC) and the Globe and Mail with regard to the Supreme Court decision on mandatory retirement.

Jang-Ok Cho was awarded his PhD in Economics from the University of Rochester in May. His dissertation was composed of three essays on the business cycle: “ExPost Heterogeneity and the Business Cycle,” “Market Structure and the Business Cycle,” and “Money, Nominal Contracts, and the Business Cycle: 1. One-period Contract Case.” Jang has been involved in research programs entitled, “The Role of a Real Rigidity in Aggregate Fluctuations” and “Participation Decision in a Family: An Estimation.”

Collaborative research projects with colleagues include: “Specialization, Money and Equilibrium” and “The Role of Inventories in a Model with Output Price Rigidities” with Thomas Cooley of the University of Rochester; “Stock Returns and Real Economic Activities: Business Cycle Implications” with Mark Bils of the University of Chicago; and “An International Business Cycle Model with Money and Nominal Rigidities” with Maurice Roche, Queen’s University.

Thomas Courchene continues as Director of the School of Policy Studies and holds the Stauffer-Dunning Chair in Political Studies. He taught a Graduate course in Economic Policy Formation in the Economics Department during the winter term.


Tom gave a presentation and testimony before the House of Commons Standing Committee on Finance (June 7, 1990) which was published in Committee Hansard. On October 18, 1990, the Globe and Mail published Tom’s article, “How About Giving Natives a Province of Their Own.” Tom is a Senior Fellow of the C.D. Howe Research Institute, a Fellow of the Royal Society of Canada, and a Council Member of the Economic Council of Canada.

Russell Davidson continues to spend the winter and summer at the University of Aix-Marseille and the fall term at Queen’s. Over the course of the year, Russell gave seminars at GREQE and, in Canada, at UBC and at Queen’s. In addition, he attended the World Congress of the Econometric Society in Barcelona in August, where he presented a paper, “Economies with a Two-Sector Representation,” co-authored with Charles Blackorby and William Schworm. He also attended the Canadian Econometric Study Group’s annual meeting in Guelph.


**Michael Devereux** spent the fall of 1990 in Ireland at University College, Dublin. While in Great Britain, Mick gave papers at the Dublin Economics Workshop in October and at Birbeck College, University of London, in December.


Mick was awarded a SSHRCC grant jointly with Allan Gregory and Gregor Smith to work on a research project entitled, “Numerical Models of the International Economy.” He holds memberships in the American Economic Association and the Canadian Economic Association. Mick was a member of the Department of Economics Appointments Committee. He is a member of the group of “Next 55” Queen’s Economics PhD’s.

**Engelbert Dockner** was appointed a Visiting Associate Professor for two years starting in the summer of 1990. He arrived from the Institute of Economic Theory and Policy, Vienna University of Economics and Business Administration where he holds a permanent appointment. Engelbert’s research interests include dynamic oligopoly theory, dynamic games, trade theory and imperfect competition, new product diffusion models, and international policy coordination.

Engelbert is working on a variety of collaborative projects with colleagues at Queen’s and elsewhere. He is examining “Coordination of Environmental Policies” with Ngo Van Long of McGill University; “Strategic vs. Non-strategic Models of Dynamic Resource Allocations” with Gerhard Sorger of Vienna University; and “Capital Accumulation Games” with Harutaka Takahashi of Meiji Gakuin University, Tokyo.


This year Engelbert has presented seminars at the Université du Québec à Montréal entitled, “The Closed-Loop Motive for Voluntary Export Restraints,” and at Queen’s entitled, “Cyclical Consumption Patterns and National Addiction.” He holds memberships in the

**Christopher Ferrall** came to Queen’s in July from the University of Minnesota. He was awarded his PhD this year; his thesis title was “Agents Becoming Principals: Theory and Estimation of a Tournament Model of Promotions in Partnerships.” Chris’ research interests are in the area of empirical application of models of the firm and labour markets.

In 1990 Chris was an invited presenter at “Empirical Applications of Structural Models” sponsored by Econometrica at the University of Wisconsin, Madison. He was also a discussant at the Canadian Labour Economics Conference sponsored by SSHRCC at Queen’s. He was awarded an Advisory Research Grant from Queen’s to support his research program, “Empirical Analysis of Occupational Hierarchies.” He also received funding from the Center for Resource Studies at Queen’s for his research on “Incentives, Risk and Optimal Extraction in the Mining Firm” with Bruce Shearer.


**Frank Flatters** continues to coordinate the Queen’s Malaysian Institute for Economic Research (MIER) Project which is sponsored by CIDA. He is also an Associate Director of the John Deutsch Institute at Queen’s. Frank was on sabbatical for the second half of 1990 spending most of his time in South East Asia. While in the East, he attended the Thailand Development Research Institute (TDRI) Year End Conference for which he prepared a background paper, “Thailand’s Export-Led Growth: Restrospect and Prospects,” with Narongchai Akransanee and David Dapice. This paper has been accepted for publication as a TDRI Policy Study. In December, Frank and Doug Purvis attended the MIER National Outlook Conference in Kuala Lumpur where they presented their paper, “Malaysia: Facing the Economic Challenges of the 1990’s.” This article is forthcoming in Kamal Salih (ed.) MIER Economic Policy Papers.


Frank’s current research projects include: corruption and economic policy in developing countries (with Bentley MacLeod, University of Montreal), tax reform in developing countries (with Robin Boodway), fiscal federalism in Malaysia (also with Robin Boodway), and prospects and incentives for commercial tree plantations in tropical forests – evidence from Sabah, Malaysia.

Frank is a consultant to the Harvard Institute for International Development (HIID) in connection with its CIDA-funded project with the Economic Council of Canada.

**Alan Green** continues to be very involved with University administrative activities as Chair of the Building Committee of the Library of the 21st Century. He is on the Board of Directors of the Social Science Federation of Canada representing the Canadian Economics Association. He is a member of the Economic History Association and a member, Development of the American Economic Seminar, NBER.

Alan has received grants from SSHRCC for work with John Baldwin entitled, “Productivity in Canadian vs. US Manufacturing,” and a research project with Gordon Sparks, “Business Cycles in Canadian Economic History.” His work, “New Approaches to R & D in Ontario Mining,” is being supported by a grant from the Ministry of
Northern Mines and Development. He also received a travel award from Queen’s to enable him to attend the Economic History Congress, Leuven, Belgium in August.


Allan Gregory spent the first half of 1990 at Queen’s and the second half at Berkeley on sabbatical leave. He gave his paper, “Accounting for Forward Rates in Markets for Foreign Currency,” co-authored with David Backus and Chris Telmer at the annual meetings of the Canadian Economic Association in Victoria in June, at the Western Finance Association meetings in Santa Barbara, CA, in June and at the Canadian Macro Studies Group in Vancouver. He gave a seminar on “Estimating Euler Equations from Linear Quadratic Models,” written with Adrian Pagan and Gregor Smith, at the University of California, Berkeley and at the University of British Columbia.


Allan’s current research program involves “Testing for Cointegration in Linear Quadratic Models.” He holds memberships in the Econometric Society, the Canadian Economics Association and the American Statistical Association. He continues as Director of the
Summer Research Institute in the department.


Jon is currently working on research programs related to disincentives in Canada’s unemployment insurance program and to employment and earnings of the disabled. He has been the MA Thesis Co-Ordinator for the Department and is in charge of the Departmental Working Paper Series and the Reading Room. He is a member of the American Economic Association and the Canadian Economic Association.


John’s current research interests include research and development and investment spillovers. He was awarded a research grant from the Economic Council of Canada for work on “National Accounting and Natural Resources.” John is a Board Member for the Institute for Research on Environment and Economy at the University of Ottawa.

Beverly Lapham currently has research interests in “Growth in Open Economies,” and “Tariffs in Dynamic, Strategic Markets.” She has received funding from the Queen’s Advisory Research Council for her project entitled, “Exit, Entry and Product Obsolescence.” Beverly has a number of ongoing collaborative projects with colleagues including: “Costs of Flexible Exchange Rates Under Costly Price Adjustment” with Mick Devreux; “Interpolation With Non-negativity Constraints” with John Chipman; and “Growth and Innovation in Open Economies” with Allen Head.

In October, Beverly gave her paper, "A Dynamic General Equilibrium Analysis of Deviations from the Law of One Price," to the Canadian Macro Study Group in Vancouver. She also gave a seminar at Queen’s in December entitled, "Strategic Innovation and Economic Growth." Beverly attended the American Economic Association Meetings in Washington in December. She is a member of the American Economic Association, the Econometric Society and the Committee on the Status of Women in the Economics Profession.

Frank Lewis was an organizer of the Economic History Workshop in the Department as well as a member of the Departmental Library Committee. He is on the Advisory Board of McGill-Queen’s Press.

Great Western Railway Companies,” is forthcoming in Claudia Goldin and Hugh Rockoff (eds.), Strategic Factors in Nineteenth Century American Economic History.

Frank presented his paper co-authored with Ann Carlos, “Depletion in the Lands of the Hudson’s Bay Company, 1700-1770,” at a workshop at the University of Illinois and to the 17th Conference on Quantitative Methods in Canadian Economic History. He gave a seminar on “The Profitability of Early Canadian Railroads: Evidence from the Grand Trunk and Great Western Railway Companies” to the Queen’s Economic History workshop. He presented his paper (with Richard Harris), “The Impact of the National Policy on Canadian Manufacturing, 1880 to 1890,” at the Canadian Economic Association Meetings in Victoria in June. He is currently working on two projects with Ann Carlos. The first entitled, “Financing of Railways,” is an essay to be included in John Eatwell et al (eds.) The New Palgrave Dictionary of Money and Finance; the second is entitled, “Information and Securities Prices: Evidence from the Grand Trunk and Great Western Railway Companies.”

Frank is a member of the following professional societies: American Economic Association, Canadian Economic Association, Economic History Association and the Cliometric Society.

James Mackinnon returned from sabbatical at the University of California, San Diego, to take up a number of administrative responsibilities, as Chair of the Appointment Group, Graduate Placement Officer, Chair of the Research Policy Committee, member of the Computing Committee, and Coordinator of the Quantitative Workshop. After having been an Associate Editor of the Journal of Applied Econometrics for two years, he moved on to become the Software Review Editor for that journal at the end of 1990. In December, James was elected a Fellow of the Econometric Society, a distinction shared with only seven other economists affiliated with Canadian universities.

James’ current research program involves model specification testing, artificial regressions, and computationally-intensive econometric methods. He is also writing a graduate econometrics text with Russell Davidson (Queen’s University and the University of Aix-Marseille). During 1990, he published “Specification Tests Based on Artificial Regressions” with Russell Davidson in the Journal of the American Statistical Association (Vol. 85) and “Transforming the Dependent Variable in Regression Models” with Lonnie Magee in the International Economic Review (Vol. 31).

Various papers were accepted for publication, most notably a survey article entitled “Model Specification Tests and Artificial Regressions,” which is to appear in the Journal of Economic Literature. During 1990, James presented seminars at the University of Southern California, U.C.L.A., the University of Montreal, the University of Indiana and McGill University.


Tom holds a SSHRCC grant with Ieuan Morgan for their research project, “Time-Varying Risk Premia in Futures Markets.” They were invited to present their paper “Single-Beta Models and Currency Futures Prices” at the International Conference on Futures Markets held in Australia in December. Their joint work is ongoing with several papers in progress. Some of Tom’s other collaborative research projects include: “A Conditional Markov Econometric Model for Multi-Regime Time Series” with Michael Durland; “An International Growth Model with Country-Specific Real and Nominal Shocks” with Nicholas Ricketts, and “Interest Rate Risk Management: An Empirical Investigation” with Stuart Turnbull.

Tom’s recent publications include: “Tests for a Systematic Risk Component in Deviations from Uncovered Interest Rate Parity” with Ieuan Morgan, Review of
Economic Studies (forthcoming); “A Comparison of Risk Premium 
Forecasts implied by Parametric 
versus Nonparametric Conditional 
Mean Estimators” with Thanasis 
Stengos, Journal of Econometrics 
(forthcoming); and “Evidence of 
RICK Premia in Foreign Currency 
Futures Markets” with Ieuan 
Morgan, Review of Financial Studies 
(forthcoming).

Tom organized the Macroeconomic Workshop in the Spring and 
Fall terms of 1990. He also presented papers in the Summer Workshop 
and the Quantitative Workshop. Tom participated in six PhD 
examinations including two for which he was co-supervisor and two for which he was an external examiner. He continues as Departmental Library Representative and is on several University Committees including the Studies in Communication and Information Technology Board.

Marvin McInnis was pleased to see the publication this year of Vol. 
III of the Historical Atlas of Canada, 
Donald Kerr and Deryck W. 
Holdsworth (eds.), University of 
Toronto Press. He has been with 
this project from its inception, as a 
member of the editorial board that had planned and organized the volume. Marvin contributed 9 Plates and a considerable amount of the text. Another paper that Marvin saw published was, “A 
Perspective on Quebec Agriculture 
in the Latter Half of the 19th Century”, appearing in the proceedings of the Tenth International Economic History Congress, Erik Aerts et al, (eds.) Structures and 
Dynamics of Agricultural Exploita-
tions, (Leuven University Press). 
Accepted to be published next year 
are two related papers: “The Early 
Ontario Wheat Staple Reconsidered” and “Ontario Agriculture at 
Mid-Century.”

Marvin is continuing to write on 
“Agriculture in Nineteenth Century 
Ontario and Quebec,” and is 
preparing a paper on “The Population Dynamics of Settlement Frontiers,” for an international demography conference in 1992 
celebrating the 500th anniversary of Columbus’ first voyage to 
America. He is also writing a chapter on 19th century Canada for a 
planned Cambridge Economic History of the United States. Marvin’s 
newest research interest is “The Forest in North American Economic Development.” In August, 
Marvin presented his paper on 
Quebec agriculture in the later 19th 
century at the Tenth International 
Congress of Economic History in 
Leuven, Belgium, where he was also the Canadian representative on the Council of the International 
Economic History Association. In 
September, he was an invited discussant at the annual conference of the Economic History Association (US), held this year in Montreal. 
Later in the fall he attended a 
conference in Halifax on the Economic History of the Maritimes 
where he presented a paper on “Some Demographic Aspects of 
the Economic Development of the 
Maritimes.” In November, Marvin 
attended a conference held at 
Queen’s on “Quantitative Methods in Canadian Economic History.” 
He acted as rapporteur and his 
digest of the proceedings will 
appear in the Newsletter of the 
Cliometric Society.

Marvin was awarded a two-year 
SSHRC grant for his project on 
“The Development of the North American Forest Industries, 1825- 
1925.” That will take him away 
from teaching part of the time. He continues his involvement with the 
International Union for the Scientific Study of Population. This year 
he completed his term as Chair of the Committee on Awards of the 
Faculty of Arts and Science.

Martin Prachownik is a member of the University Senate Budget Review Committee and a member of Graduate Council. He chairs the Curriculum Committee for the Faculty of Arts and Science and has acted as an Academic Advisor and Graduate Admissions Officer in the Department.

Martin edited the Policy Forum on the February 1990 February Budget which was published by the John Deutsch Institute. He also published “International Comparisons of Macroeconomic Performance” in Applied Economics Vol. 22. His paper, “What is the Speed Limit Along the US Phillips Curve?,” has been accepted for publication in the Journal of Macroeconomics.

Martin organized the John Deutsch Institute conference on the 1990 Federal budget which was held at Queen’s. He also attended the American Economic Association Meetings in Washington. He is a member of the Canadian Economics Association and the Royal Economic Society.

Doug Purvis continues as Head of the Department and, this year,
as Director of the John Deutsch Institute for the Study of Economic Policy. He also performs other administrative duties for the University by holding positions on the Board of Directors of the School of Policy Studies as well as on the various advisory boards of some of the constituent units in the School of Policy Studies.

Doug presented papers at a number of the conferences this year. He presented “Much Ado About Zero: The Bank of Canada and the Pursuit of Price Stability” at the PEAP Conference on “Monetary Policy, International Financial Developments, and the Economic Outlook” at the University of Toronto in May. In October, he attended the 25th Anniversary Conference of the Research Department of the Library of Parliament in Ottawa where he gave his paper, “Government and the Economy: Uncomfortable Partners.” In November, Doug presented summary comments to the Joint Canada Germany Symposium held at the University of Toronto.

Doug spoke at the inaugural conference of the Cormier Center for International Economics at Bishop’s University in March where his topic was “The Bank of Canada and the FTA.” In June, he addressed the House of Commons Standing Committee on Finance on the topic, “Much Ado About Zero: The Bank of Canada and the Pursuit of Price Stability.” In September, Doug was especially busy attending a variety of conferences and meetings including: the Mon-eco-Econtro Annual Meeting in Kingston; a Conference on the “Role of Wealth Taxes in Canada,” in Toronto; a Conference on Global Competition and Canadian Federalism at the Faculty of Law, University of Toronto; the NBER Executive Committee Meeting and Board of Directors’ Meeting in Boston; and the Economists Advisory Meeting, Department of Finance in Ottawa. Doug attended a Canada Consulting Cresap meeting on “Understanding Canada’s Relative Cost of Capital” in Toronto, a Conference convened by the Institute of Intergovernmental Relations at Queen’s on “Canada and Quebec After Meech Lake,” and a project of the Centre for International Relations in the School of Policy Studies entitled, “Japan, the United States and Canada: The Political Economy of System Change” in October. In November, Doug spoke on “The Policy Mix and the “R” Word” to the Canadian Economic Policy Review Board Meeting in Montreal. He was also a guest speaker at the Liberal Policy Committee of the House of Commons in Ottawa; a member of the Task Force on Rule 53-09 for the Appeals Court of Ontario in Toronto; and an organizer of the John Deutsch Institute Policy Forum, “Europe 1992 and the Implications for Canada.” In December, he organized a second John Deutsch Institute Policy Forum, “Economic Developments in Eastern Europe and the Soviet Union, and Implications for Canada.” He also attended the annual meetings of the American Economics Association in Washington.


Doug has a number of publications scheduled for publication in 1991, including: “Unemployment Insurance and Unemployment Dynamics” (with Ross Milbourne...

Gregor Smith was awarded a SSHRCC grant with Michael Devereux and Allan Gregory for their research on "Numerical Models of the International Economy." He is also working on "International Macroeconomics of Non-traded Goods" with David Backus (New York University); "The Integrated Linear-Quadratic Model of Inventory Investment" with Allan Gregory and Adrian Pagan (Rochester); "Time Series Tests of Sustainable Debt Growth for Canada, the UK and the USA" with Jeremy Rudin (University of British Columbia); "Calibration and Estimation by Simulation," a chapter for Volume 10 of the Handbook of Statistics: North-Holland (with Allan Gregory); and "Predictable Gold Convertibility in the Greenback Era" with Todd Smith (Alberta).

In July, Gregor attended the CEPR/NBER Conference on Exchange Rate Targets in Warwick where he presented his paper "Estimation and Testing in Models of Exchange-Rate Target Zones and Process Switching" written with Michael Spencer. He attended the Canadian Econometrics Study Group meetings in Guelph in September and presented a discussion of target zone exchange rate models at the Canadian Macroeconomics Study Group meetings in Vancouver in October. Gregor also gave various seminars including "Stochastic Process Switching and the Return to Gold, 1925," presented at McMaster and Guelph in March and at McGill in April; "Synthesis of Money-Demand and Indicator Models," presented at the Bank of Canada, Ottawa, in May; and "Intertemporal Government Budget Balance Since Confederation," presented at Queen’s in September.


Gregor ran the Macroeconomics Workshop Series in the Winter term and was a member of the Graduate Studies committee in the Department.


Gordon is currently doing research on "Natural Resource Prices and the Determination of Exchange Rates" and, with Alan Green, he is studying "An Econometric Model of Canada, 1870-1939." His departmental administrative duties include undergraduate advisor and membership in the undergraduate studies committee. He is Chair of Division V of the School of Graduate Studies and Research.


Klaus was a discussant and member of a panel for a conference entitled, "Due Process and Transparency in Trade: International Rules and Domestic Procedures" at the University of Ottawa Faculty of Law in May. He also attended a conference sponsored by the Centre for International Relations at Queen's on "Japan, The United States and Canada: The Political Economy of System Change." In November, he was involved with the John Deutsch Institute’s Policy Forum on "Europe 1992 and the Implications for Canada" and, in December, he attended the Institute’s Policy Forum on "Economic Developments in the Soviet Union and Eastern Europe: Implications for Canada."

Klaus' current research interest is in the area of "Trade-Related Issues of Intellectual Property." He has been Chair of the University Senate Ad Hoc Committee on Intellectual Property since July, 1989.

Dan Usher was awarded a SSHRC Strategic grant this year which will enable him to complete his book, The Welfare Economics of the Liberal Society: A Study of Markets, Voting and Predation, to be published by Manchester University Press.


Dan was Vice-President of the Canadian Economic Association and a member of the American Economic Association.

**Ruqu Wang** did his post-graduate work at Boston University and joined the department as an Assistant Professor in the summer of 1990. His PhD dissertation entitled, “Essays on Common-Value Auctions,” was supervised by Robert Rosenthal and Andrew Weiss.

Ruqu holds memberships in the American Economic Association, the Chinese Young Economist Society and the Society for the Promotion of Economic Theory.

Ruqu’s current research interests include “Auctioning Mechanism and its Applications in Financial Markets” and “Aggressive Advertising and Recessions.” He is also working on “Inefficiency in Financial Markets” with Robert Rosenthal of Boston University and “Dynamic Sorting Models in Labor Markets” with Andrew Weiss of Boston University. He has had his paper, “Common-Value Auctions with Discrete Private Information,” accepted by the *Journal of Economic Theory*.

In April Ruqu attended the Canadian Conference in Labor Economics at Queen’s and in July he presented two papers: “Common-Value Auctions with Discrete Private Information” and “An Explanation of Inefficiency in Markets and a Justification for Buy-and-Hold Strategies,” at the World Conference in Game Theory in Stony Brook, NY. He also gave his paper, “Strategic Behavior and Information Revelation in Dynamic Auctions,” at seminars at Queen’s, the University of Toronto, and the University of Western Ontario.
Department of Economics Workshop Series 1990

The Department runs a series of four Workshops: Microeconomics, Macroeconomics, Economic History and Quantitative. These are weekly seminars offered during the fall and winter terms which are organized by members of the department. They provide a forum for speakers from inside and outside the department to present papers on their current research projects.

Microeconomics Workshops
This year Lorne Carmichael and Dan Bernhardt organized the Microeconomics Workshops and the following were some of the invited speakers to their series:

Sanjay Srivastava (Carnegie Mellon)
“Implementation Via Backward Induction”

Robert Gibbons (MIT and NBER)
“Does Unmeasured Ability Explain Inter-Industry Wage Differences?”

Drew Fudenberg (Harvard University)
“Evolution and Co-operation in Noisy Repeated Games”

Jacques Cremer (Virginia Polytechnic Institute and State University)
“Employee Control and Oligopoly in a Free Market Economy”

Eric Maskin (Harvard University)
“Credit and Efficiency in Centralized and Decentralized Economies”

Ken Hendricks (UBC)
“Auctions of Off-Shore Oil Leases: Theory and Estimation”

Tracy Lewis (University of California, Davis)
“Selecting Agents by Ability and Knowledge”

Ariel Pakes (Yale)
“Industry Dynamics: Theory and Estimation”

Macroeconomics Workshops
Gregor Smith and Mick Devereux organized the Macroeconomics Workshop Series. The following were some invited speakers:

Maurice Ottsfield (UBC, NBER and CEPR)
“Dynamic Seigniorage Theory: An Exploration”

Pamela Labadie (Columbia)
“Stock Prices, Interest Rates and Inflation in a General Equilibrium Model”

Sergio Rebelo (Northwestern)
“Transitional Dynamics and Economic Growth in the Neoclassical Model”

Robert Hodrick (Northwestern)
“Dividend Yields and Expected Stock Returns: Alternative Procedures for Inference and Measurement”

Gary Hansen (UCLA and Minnesota)

Deborah Lucas (Northwestern)
“Incomplete Markets in the Lucas Model”

Monica Hargreaves (Brown University)
“Real Effects of Intermediation Problems in a Model with Productive Collateral”

Quantitative Workshops
Allan Gregory and James MacKinnon organized the Quantitative Workshops with the following invited speakers highlighting the year:

Thanasis Stengos (University of Guelph)
“A Test of Functional Form Against Weakly Specified Alternatives: An Approach Based on Semiparametric Regression”

James Hamilton (Virginia)
“Was the Deflation During the Great Depression Anticipated? Evidence From the Commodity Futures Markets”

Dan Nelson (Chicago GSB)
“Filtering and Forecasting with Misspecified ARCH Models”

Harry Paarsch (University of British Columbia)
“Deciding Between the Common and Private Value Paradigms in Empirical Models of Auctions”

Kenneth Wolpin (Minnesota)
“The Determinants of Black-White Differences in Early Employment Careers: Search, Layoffs, Quits and Endogenous Wage Growth”

Nicholas Kiefer (Cornell)
“Bayesian Notes on Inference on Chaotic Dynamics”

Neil R. Ericsson (Board of Governors of the Federal Reserve System)
“Modelling the Demand for Narrow Money in the United Kingdom and the United States”

Economic History Workshops
Alan Green and Frank Lewis coordinated the speakers for the Economic History Workshop Series. Some invited speakers included:

Stanley Engerman (University of Rochester)
“Slavery, Economic Development and Economic Theory”

Elizabeth Hoffman (University of Arizona, Tuscon) Queen’s Scholar-in-Residence
“Experimental Methods to Advance Historical Investigation: An Examination of Cartel Compliance by Large and Small Firms”

Gregory Clark (University of California, Davis)
“Factory Discipline and Self Control: The Rise of the Factory in the 19th Century”
PhD Recipients

1990 – MAY CONVOCATION

Smith, R. Todd
Essays in the interpretation of Some
Macroeconomic Regularities
Supervisors: D. Bernhardt,
M. Devereux and G. Smith

1990 – OCTOBER CONVOCATION

Betts, Julian
Technological Change and the
Labour Market: Explorations in the
Theory of Human Capital
Supervisors: C. Beach,
L. Carmichael and T. McCurdy

Cromb, Ian J.
Competitive Insurance Markets
Characterized by Asymmetric
Information
Supervisors: R. Boadway and
R. Arnott

Henriques, Irene
Four Essays on Research and
Development and Spillovers
Supervisors: C. Beach, D. Usher
and J. Hartwick

LeBlanc, Gregory
Essays on Market Signalling
Supervisors: L. Carmichael,
D. Bernhardt and R. Harris

McKenzie, Kenneth
Essays on Taxation and Investment
Under Uncertainty
Supervisors: R. Boadway and
J. Mintz

Sadorsky, Perry A.
Three Essays on the Exploration for
Non-Renewable Resources
Supervisors: J. Hartwick and
A. Gregory

Thomas, Jonathan
A Theoretical and Empirical
Analysis of Mover/Stayer
Unemployment in Canada
Supervisors: C. Beach and
D. Bernhardt

Special Awards, Honours and Appointments

Robin Boadway
Sir Edward Peacock Professor of Economic Theory

James MacKinnon
Sir Edward Peacock Professor of Econometrics
Fellow of the Econometric Society