

ANNUAL REPORT

Academic Report 1999-2000

The Report is compiled and prepared by Carol Phillips.

Sir Tony Atkinson FBA

In June 2000, Professor Tony Atkinson, Warden of Nuffield, was made a Knight Bachelor, for services to the economic sciences in Britain. This recognition of a long and distinguished body of work, combining economic theory and empirical research, most often on topics involving income inequality, was celebrated throughout the college.

Warden's Letter

I should begin by expressing my thanks to all who have contributed to our Studentship Appeal. Nuffield does not routinely engage in fund-raising, and our Appeal has been a low-key operation, but we have been very pleasantly surprised by the extent and warmth of the response, which will make a significant difference to future cohorts of students. (If you have not contributed, but would like to do so, then I should be delighted to hear from you.)

The University of Oxford has this year been much in the news, but one striking absence from the press and media coverage of the 'access' issue was any recognition of Oxford's role in graduate education. The provision of educational opportunity should be increasingly concerned with access at the postgraduate level. Nuffield's numbers are small, but a calculation for the past ten years shows that virtually 70 percent of United Kingdom students in the College had been educated at state schools. The College is continually making the case for Oxford University to give greater priority to graduates. In this respect, I am particularly grateful to Richard Mayou, who served on the College's behalf as University Assessor in 1999/2000, and who has been a powerful advocate of graduate studies.

The College's role is not confined to Oxford. In September, for example, Nuffield and the Department of Sociology hosted the annual summer school of the European Consortium for Sociological Research: a five-day Graduate School and two days of workshops. The speakers and participants were drawn from all over Europe. In March the College contributed to the Young Economists Conference, held in the Department of Economics, and attended by nearly 200 young economists. One of the College's contributions to celebrating the new millennium, the publication of *Twentieth Century British Social Trends*, edited by Chelly Halsey and Jo Webb, with nine Nuffield authors, will we hope be read widely in the UK and other countries.

I report with pleasure the award of the title of Professor of Social Statistics to David Firth, Faculty Fellow and the election to Fellowship of the British Academy of Avner Offer and Gordon Marshall. Gordon is to be congratulated on his appointment (on leave from his Official Fellowship) as Chief Executive of the Economic and Social Research Council. Avner Offer, who has done much to develop economic and social history in Nuffield, and has served as Editor of the Annual Report, is leaving to become Chichele Professor of Economic History. Hyun Shin, who has been a highly productive member of the Economics Group, is leaving to become Professor of Finance at LSE. I am most grateful to him for his service as Investment Bursar, as I am to Laurence Whitehead, who has completed a very active period as Investment Bursar responsible for property. James Legg is leaving after thirteen years, including the last six as Librarian, to become the first Sackler Librarian. The College owes a great deal to the way in which he has overseen the renovation of the Library buildings and kept Nuffield at the forefront of modern technology. Lord Phillips became Visitor to the College on his appointment as Master of the Rolls, and I am indebted to Lord Woolf for having served in that capacity.

I receive many expressions of appreciation from those who come into contact with the College (including via the College's excellent website). The credit is very much due to the College staff, who are not large in number but who succeed in meeting the ever-increasing pressures effectively and with good humour. I would like to take this opportunity of thanking them.

Finally, I am most grateful to Byron Shafer for agreeing to act as Warden for the academic year 2000/01, allowing me to take a year's sabbatical, which I have never previously been able to do in a third of a century of university teaching.

COLLEGE OFFICERS 1999-2000

Warden	A B Atkinson
Senior Tutor	C Payne
Investment Bursars	H Shin/L Whitehead
Bursar	G Hughes
Dean	D Miller/R Fitzpatrick
Fellow Librarian	J Goldthorpe
Technical Services Fellow	J Doornik
Keeper of the College Gardens	A Heath
Junior Dean	K Nabulsi
Adviser to Women Students	M Meyer
Dean of Degrees	N Gale
Deputy Dean of Degrees	F Varese
Chaplain	M Yee/K d'Artois
Information Systems Manager	R Gascoigne
Chairman of Economics Group	C Bliss
Chairman of Politics Group	D Miller
Chairman of Sociology Group	K Macdonald
Chairman of Senior Common Room	L Carpenter

THE COLLEGE IN 1999-2000

Visitor

The Rt Hon The Lord Phillips of Worth Matravers, Master of the Rolls

Warden

Sir Tony Atkinson FBA

Acting Warden

Byron Shafer, for 2000/2001

THE FELLOWSHIP

At the start of the academic year, there were in total 78 Fellows of the College (excluding Honorary and Emeritus Fellows), 35 being 'permanent' and 43 on fixed-term appointments. The numbers by category were as follows:

Official Fellows	11
Professorial Fellows	11
Faculty Fellows	12
Supernumerary Fellow	1
Postdoctoral Research Fellows	16
Other Research Fellows	9
Visiting Fellows	18

Fellows

Laurence Whitehead, *Official Fellow and Investment Bursar*

John Goldthorpe FBA, *Official Fellow*

Kenneth Macdonald, *Faculty Fellow and Chair of Sociology Group*

Richard Mayou, *Professorial Fellow*

Christopher Bliss FBA, *Professorial Fellow and Chair of Economics Group*

Clive Payne, *Faculty Fellow and Senior Tutor*

David Miller, *Official Fellow, Chair of Politics Group and Dean (MT 99 and HT 2000)*

John Muellbauer FBA, *Official Fellow*

David Hendry FBA, *Professorial Fellow*

John Darwin, *Faculty Fellow*

Duncan Gallie FBA, *Official Fellow*

Byron Shafer, *Professorial Fellow*

Raymond Fitzpatrick, *Faculty Fellow and Dean (MT 2000)*

Megan Vaughan, *Faculty Fellow*

Anthony Heath FBA, *Official Fellow*

Margaret Meyer, *Official Fellow and Adviser to Women Students*

Andrew Hurrell, *Faculty Fellow*

Avner Offer FBA, *Professorial Fellow*

Lucy Carpenter, *Faculty Fellow, Chair of Senior Common Room*
Gordon Marshall FBA, *Official Fellow*
Iain McLean, *Official Fellow*
Neil Shephard, *Official Fellow*
David Firth, *Faculty Fellow*
Yuen Khong, *Faculty Fellow*
Paul Klemperer FBA, *Professorial Fellow*
Hyun Shin, *Faculty Fellow and Investment Bursar*
Bronwyn Hall, *Professorial Fellow*
Gwilym Hughes, *Supernumerary Fellow and Bursar*
Mark Armstrong, *Official Fellow*
Jim Ceaser, *John M Olin Professor in American Government*
Alec Stone Sweet, *Official Fellow*
Geoffrey Evans, *Faculty Fellow*
Jeremy Richardson, *Professorial Fellow*
Kevin Roberts, *Professorial Fellow*
Kurt Gaubatz, *Faculty Fellow*

Visiting Fellows

Graham Mather, *President, European Policy Forum*
Patricia Hewitt, *MP for Leicester West and Minister of State, Department of Trade and Industry*
Lord Howell, *House of Lords Opposition Spokesman on Foreign Affairs*
Charles Pollard, *Chief Constable, Thames Valley Police*
Martin Lamaison, *Group Finance Director, Oxford Instruments plc*
David Bradley, *Head of Corporate Fundraising, University of Oxford*
Cedric Scroggs, *Chairman, Y J Lovell plc*
Tessa Jowell, *MP for Dulwich and Minister for Employment, Welfare to Work and Equal Opportunities*
Will Hutton, *Chief Executive, the Industrial Society*
Tim Holt, *Director, Registrar General, Office for National Statistics, and Head of the Government Statistical Office*
Sheila McKechnie, *Director, Consumers' Association*
Angela Coulter, *Chief Executive, Picker Institute*
Dame Brenda Hale, *Judge of the Court of Appeal*
Sir Richard Wilson, *Secretary of the Cabinet*
David Potter, *Founder Chairman and Chief Executive, Psion plc*
Kerry Brougher, *Director, Museum of Modern Art*
David Willetts, *MP for Havant*
Martin Wolf, *Associate Editor, Financial Times*

Emeritus Fellows

Ian Little FBA
Uwe Kitzinger
John Flemming FBA
Max Hartwell
David Fieldhouse FBA
Freddie Madden

Francis Seton
James Sharpe
Terence Gorman FBA
A H Halsey FBA
David Butler FBA
Maurice Scott FBA
Lord McCarthy
Sir James Mirrlees FBA
Nevil Johnson
Noel Gale

Honorary Fellows

Sir Donald MacDougall FBA
Rt Hon Lord Callaghan
Rt Hon Sir Edward Heath
Jean Floud
Kenneth Robinson
Michael Brock
Manmohan Singh
Sir David Cox, FRS FBA
The Rt Hon Lord Bingham of Cornhill
Martin Feldstein FBA
Lord Hurd of Westwell
Sudhir Mulji
Lord Runciman FBA
Amartya Sen FBA
Sir Adrian Swire

Research Fellows

Richard Spady, *Senior Research Fellow in Economics*
Stephen Bond, *Research Fellow in Public Economics*
Jurgen Doornik, *Research Fellow and Technical Services Fellow*
Bent Nielsen, *University Lecturer in Economics*
Margaret Stevens, *Research Fellow*
Federico Varese, *Open Prize Research Fellow*
Richard O'Leary, *Open Prize Research Fellow*
Ben Cooper, *Open Prize Research Fellow*
Adam Sheingate, *Open Prize Research Fellow*
Gavin Cameron, *Research Fellow*
Tarani Chandola, *Open Prize Research Fellow*
Christopher Wallace, *Open Prize Research Fellow*
David Myatt, *Research Fellow*
Karma Nabulsi, *Open Prize Research Fellow*
Cécile Fabre, *Open Prize Research Fellow*
Alasdair Crockett, *Open Prize Research Fellow*
Patrick Schmidt, *Research Fellow*
Lucy White, *Open Prize Research Fellow*
Jon Temple, *Research Fellow*

Meir Yaish, *Open Prize Research Fellow*
Ola Elerian, *Open Prize Research Fellow*
Volker Nocke, *Open Prize Research Fellow*
Ran Spiegler, *Open Prize Research Fellow*

Associate Members

Eve Roman
Dorren McMahon
Hans-Martin Krolzig
Nan Dirk De Graaf
James Piscatori
Richard Breen
Sarah Harper
Geoffrey Dudley
Sonia Mazey
Alain Jeunemaître

NEW ELECTIONS 2000-2001

OFFICIAL FELLOWSHIPS

Richard Breen, European University Institute, Florence

Geoffrey Evans, Nuffield College

Ian Jewitt, University of Bristol

PROFESSORIAL FELLOWSHIPS

David Mayhew, John M Olin Visiting Professor in American
Government

Adrian Pagan, Visiting Professor in Economics

POSTDOCTORAL RESEARCH FELLOWSHIPS

The Postdoctoral Research Fellowship elections in January attracted a field of 348 candidates. The following were elected to PRFs:

Stephen Fisher (Party preference structure), student of the College.

Stuart Soroka (Media, public, and policy: comparative agenda-setting dynamics), University of British Columbia.

Herman van de Werfhorst (Labour market opportunities), University of Nijmegen.

James Engle-Warnick (Computer automated strategy inference),
University of Pittsburgh.

Erik Eyster (Research in information economics), University of
California at Berkeley

SENIOR RESEARCH FELLOWSHIP

Hyun Shin, Nuffield College

NON-STIPENDIARY RESEARCH FELLOWSHIPS

Hans-Martin Krolzig
(Department of Economics, University of Oxford)

Alice Sullivan
(British Academy Postdoctoral Fellowship, Student of the College)

Adam Swift
(British Academy Fellowship, Balliol College)

Michael Biggs
(Harvard University)

VISITING FELLOWS

Bill Callaghan
(Chairman of the Health and Safety Commission)

Moira Wallace
(Social Exclusion Unit, Cabinet Office)

Sir Christopher Bland
(Chairman, BBC)

Vincent Cable
(MP for Twickenham)

GUARDIAN RESEARCH FELLOWSHIP

Rosalind Yarde, BBC World Service

ASSOCIATE MEMBERS

Brian Henry

Robert Andersen
 Dionyssi Dimitrakopoulos
 David Levi-Faur
 Joni Lovenduski
 Siem Jan Koopman
 Avner Offer

STUDENTS

At the start of the academic year 1999-2000, there were 70 students in College. There were 46 men and 24 women. 25 were from the UK, 15 from other EU countries, and 30 from elsewhere. Their distribution by group and status was as shown below:

Status	Groups			
	Economics	Politics	Sociology	Interdisciplinary
M Litt/Prob Res/D Phil	10	21	20	5
M Phil	11	2	-	2
M Sc	-	-	1	-
<hr/>				
Total	21	23	21	5
Visitors	2	1	2	-

During the course of the year, the following students or former students were given leave to supplicate.

(E = Economics; P = Politics; S = Sociology; ID = Interdisciplinary)

<i>D Phil:</i>	<i>Thesis Title:</i>
L Brunt (ID)	'Technology and labour productivity in Britain and France, 1750-1850'
A Casarico (E)	'An economic analysis of pension systems and reforms'
N Clifton (S)	'Women, work and family in England and France: a question of identity'
H Crawley Lyons (S)	'Gender, persecution and the politics of protection: refugee women and asylum in the UK'
M Duffy (S)	'Social attitudes and political preferences in Northern Ireland: snapshots and overviews 1968-1914'

- O Elerian (E) 'Simulation estimation of continuous time-series models with applications to finance'
- K Emry (S) 'Parents, children and the state: the development of children's welfare in New York City and London, 1900-1914'
- S Fisher (ID) 'Tactical voting in England, 1987 to 1997'
- R McMahon (P) 'An examination of bureaucratic motivation in the US Environmental Protection Agency and the Environment Agency for England and Wales'
- D Myatt (E) 'Co-ordination of games: learning, voting and attrition'
- V Nash (P) 'The politics of locality: relocating the Liberal-Communitarian debate'
- T Nicholas (ID) 'Aspects of entrepreneurship and wealth accumulation in Britain since 1850'
- C Onestini (P) 'Federalism and Lander autonomy: the higher education policy network in the Republic of Germany, 1948-1998'
- L Perrotti (P) 'The politics of EC decision making: the case of state aid to the Italian public sector steel industry 1988-1994'
- C H Sin (S) 'Ethnic residential segregation in Singapore's public housing'
- A Sullivan (S) 'Cultural capital, rational choice and educational inequality'
- L White (E) 'Uncertainty and strategic behaviour'
- I Yngstrom (S) 'Land, custom and ideology – agrarian change in semi-arid Tanzania, 1900-97'

In the University examinations the following were successful:

M Phil Economics

- W Lo 'Traders' beliefs and the formation of asset bubbles'
- S Mavroeidis 'Volatility and the term structure of interest rates'
- M Tanaka 'Optimal bailout of a failing bank'
- K Trivedi 'An empirical investigation of growth across Indian states'

Misa Tanaka was *proxime accessit* to the 2000 George Webb Medley Prize for the best performance in written papers. Kamakshya Trivedi and Clive Bowsher, a new student from Michaelmas Term 2000, were *proxime accesserunt* to the winner of the 2000 George Webb Medley Prize for the best thesis.

M Phil Politics

N Morandi 'Role of EU in GATT trade rounds'

D Tierney 'Franklin D Roosevelt, decision-making and the Spanish Civil War'

M Sc Sociology

A Bagchi 'Managed solidarity: intra-labour conflict in Germany and the UK'

G Zhang 'The socio-economic factors influencing women's individual choice of contraceptives in rural China: analyses of the 1997 national survey on population'

M Phil Sociology

K Roosma 'Education and aspiration as factors of mobility in the early lives: a comparative study of Estonia, Latvia and Byelorussia'

M Phil Development Studies (Interdisciplinary)

A Kuester 'Prospects for industrialisation and diversification via small, regionally integrated mature mineral economy: the case of Namibia'

ELECTIONS AND ACADEMIC APPOINTMENTS

S Berlinski was appointed to a temporary lectureship at the London School of Economics.

G Cameron was elected to a University Lectureship in Economics and a Fellowship at Lady Margaret Hall, Oxford.

R Coggins was elected to a JRF at Queen's College, Oxford.

G Conlon was appointed to a research officership at the London School of Economics.

S Fisher was elected to a Nuffield College Post-Doctoral Research Fellowship.

G Gray Molina was elected to a Lecturership in La Paz University.

L Nunziata was appointed to a research officership at Nuffield College.

M Plumb was elected to a lectureship at the University of Sydney.

C H Sin was appointed to a research officership at the National Institute for Social Work.

A Sullivan was appointed to a British Academy Research Fellowship at Nuffield College.

F Varese was elected to a lectureship at Yale University, USA.

C Wallace was appointed to a University Lectureship in Economics and a Fellowship at Trinity College, Oxford.

For the academic year 2000-01, 39 studentships were offered including two deferred from 1999-00 and three deferred to 2001-02. In the event, 28 studentships were taken up, 14 by men and 14 by women. 8 of the new students are from the UK, 7 from other EU countries, and 13 from elsewhere. The distribution by Group is Economics 8, Politics 10, Sociology 8 and Interdisciplinary 2.

VISITORS

Andrew Abbott, University of Chicago. Sponsor: Kenneth Macdonald.

Robert Andersen, Brock University. Sponsor: Anthony Heath.

Luiz Carlos Bresser Pereira, Centro de Economia Politica, Sao Paulo.
Sponsor: Tony Atkinson.

David Cameron, Yale University. Sponsor: Adam Sheingate.

Olina Capolino, Bank of Italy, Rome. Sponsor: Alec Stone Sweet. (Jemolo Fellow)

William Claggett, Florida State University. Sponsor: Byron Shafer.

Michael Contarino, University of New Hampshire. Sponsor: Iain McLean.

Sorin Ionita, National School for Political and Administrative Studies,
Bucharest. Sponsor: Laurence Whitehead.

Richard Johnston, University of British Columbia. Sponsor: Byron Shafer.

Klara Kaloczkai-Foti, Hungarian Academy of Sciences. Sponsor: Duncan Gallie.

Robert Kaufman, Rutgers, the State University of New Jersey. Sponsor:
Laurence Whitehead.

Jacob Levy, University of Chicago. Sponsor: David Miller.

Gordon Martel, University of North British Columbia. Sponsor: John Darwin.

John Morgan, Princeton University. Sponsor: Meg Meyer.

Elisa Nicolato, University of Århus. Sponsor: Neil Shephard.

Adrian Pagan, Australian National University. Sponsor: David Hendry.

Alejandro Portes, Princeton University. Sponsor: Anthony Heath.

Claudio Radaelli, University of Bradford. Sponsor: Jeremy Richardson.

Luca Ricolfi, University of Turin. Sponsor: Anthony Heath.
John Roberts, Stanford Graduate School of Business. Sponsor: Paul
Klemperer.
Tom Rothenberg, University of California at Berkeley. Sponsor: Neil
Shephard.
Bill Russell, University of Dundee. Sponsor: David Hendry.
Ian Shapiro, Yale University. Sponsor: Byron Shafer.
Richard Sinnott, University College Dublin. Sponsor: Anthony Heath.
Nikolai Tilkidjiev, Institute of Sociology, Sofia. Sponsor: John Goldthorpe.
Bertil Tungodden, NHH, Bergen. Sponsor: Tony Atkinson.

CONFERENCES IN COLLEGE

Michaelmas Term

‘Organized Interest in the European Union: Lobbying, Mobilizations and the
European Public Arena’
(R Balme, D Chabanet and V Wright)

‘Joint Workshop of Nuffield College, the Consumer Association and the
Office of Fair Trading on Consumer Research’
(A Offer and S McKechnie)

Hilary Term

ESRC Conference in Game Theory
(C Wallace)

CEPES Workshop
(S Mazey and J Richardson)

‘Economics and the Pursuit of Happiness’
(B Cooper and C García-Peñalosa)

‘Modernization and Religious Change’
(A Crockett and R O’Leary)

Trinity Term

‘The New Constitutionalism and Separation of Powers’
(A Stone Sweet and P Craig)

‘Republicanism’
(C Fabre)

‘Utility Regulation in Europe’
A Jeunemaître

‘Social Justice and Democracy: a conference dedicated to the recent works of David Miller’
(A de-Shalit, Hebrew University, Jerusalem and D Bell, University of Hong Kong)

‘Particle Filters’
(N Shephard and M Godshill)

ECSR Workshops
(A Heath)

SEMINARS IN COLLEGE

Stated Meeting Seminars

November: ‘Family Lawyers: Who Needs them?’ (The Rt Hon Lady Justice Hale)

March: ‘European Parliament – Scope for Reform (Graham Mather)

June: ‘The Role of Citizens and Communities in Criminal Justice’ (Charles Pollard)

Seminars in College

Economic Theory and Econometrics
(K Roberts and N Shephard) *Michaelmas Term*

International Economics
(C Bliss, P Oppenheimer, L Sarno and D Vines) *Michaelmas Term*

Econometric Seminars
(D Hendry) *Michaelmas Term*

Lunchtime Economic Seminars
(D Hendry) *Michaelmas Term*

Government and Politics in the EU
(A Menon and J Richardson) *Michaelmas Term*

Political Economy
(I McClean, S Wood and D Stasavage) *Michaelmas Term*

Substance and Structure in American Political History
(B Shafer) *Michaelmas Term*

Media and Politics
(D Butler and G Hodgson) *Michaelmas Term*

Continuity and Change in Industrial Societies
(C-L Hodges and F McGinnity) *Michaelmas Term*

The Graduate Workshop in Economic and Social History
(J DeVoe, C Molyneux and D Stead) *Michaelmas Term*

Econometric Seminars
(D Hendry) *Hilary Term*

Oxford Industrial Economics Workshop
(P Klemperer, V Nocke and L White) *Hilary Term*

EU Economics Seminar
(C Bliss and D Vines) *Hilary Term*

Economic Theory and Econometrics
(D Hendry and H Shin) *Hilary Term*

Senior Research Seminar in American Politics
(B Shafer) *Hilary Term*

Oxford Political Economy Seminar
(I McLean, S Wood and D Stasavage) *Hilary Term*

Seminar on Global Distributive Justice
(C Fabre and D Miller) *Hilary Term*

Seminar in Economic and Social History
(P David, J Humphries and A Offer) *Hilary Term*

Graduate Workshop in Economic and Social History
(J DeVoe, C Molyneux and D Stead) *Hilary Term*

Oxford Industrial Economics Workshop
(P Klemperer, V Nocke and L White) *Trinity Term*

Econometric Seminars
(D Hendry) *Trinity Term*

Economic Theory and Econometrics
(P Klemperer and J Muellbauer) *Trinity Term*

Presidential Selection 2000: The Participants Speak
(B Shafer) *Trinity Term*

Democratization
(L Whitehead) *Trinity Term*

The Function of Law in the International Community
(G Goodwin-Gill and A Hurrell) *Trinity Term*

Media and Politics Seminar
(D Butler and G Hodgson) *Trinity Term*

Sociology Seminar
P Gonzalez Alvarez and S Guzzo) *Trinity Term*

Graduate Workshop in Economic and Social History
(J DeVoe, C Molyneux and D Stead) *Trinity Term*

BURSAR'S REPORT

It is difficult not to be preoccupied with money at this time of year. The end of the financial year falls on 31 July and, already, I hear Finance Committee drawing near. With the possible exception of plasterer, the trade most in demand in Oxford at the end of the summer is that of auditor.

The government is considering exempting the audit burden on companies with a turnover of less than £4.8 million. As it happens, Nuffield is above this threshold but even for those Oxford colleges who are not the proposed change is irrelevant. University Statute XII requires audited accounts to be prepared in order to give a true and fair view of the income and expenditure of the College *as defined by the Statute*. The auditor's certificate represents a written opinion that the accounts comply with the Statute and that any amount payable under the College Contributions Scheme has been correctly computed.

In a different sector of the economy companies with a small turnover may find it difficult to raise capital without audited accounts. The difficulty with the present form of college accounts is that they cannot be integrated with those of the University and, as a result, the University fails to qualify for some public funding. Adoption by colleges of the same accounting standards as the University would raise our confidence that the relative wealth and performance of the colleges will be recorded in a transparent way. It will take some time for any agreed changes to be implemented but it is just possible that colleges, like small businesses, will discover that there are sometimes benefits from acting even when there is no obligation.

Finally, the College is currently considering placing the names of former students on the College website. No other personal information would be included. If you wish to be excluded from this list please write to The Bursar at Nuffield College. Eventually we have in mind giving former students the facility to link from this page to their homepage.

Staff

The following members of staff retired during the year: Eleanor Vallis, Library Secretary and Archives Assistant from 1972 to 2000, Francesca Ditoro, Domestic Assistant from 1986 to 1999, and Prue Payne, Domestic Assistant from 1994 to 2000.

The following left the College: Arron Brown, Catherine Dockerty, Alyson Haynes, Pearl Jenkins, Steve Moyle, Geraldine Penman (PC Support Analyst for one year), Nick Platt, Peter Powell, Hannah Prince (graduate Library trainee for one year), Mandy Roberts, Felicity Staveley-Taylor, Derek Waldron, Gary Walsh, and Margaret Wilde.

James Legg took up his new post as the Sackler Librarian on 1 September 2000.

Peter Ball, Buttery Assistant from March 1998, sadly passed away in September 2000.

The following joined the staff: Helen Bach (graduate Library trainee), Saleem Chaudhry (Finance Officer), Liz Cunningham (Domestic Assistant), Bob Ellis (Maintenance Assistant), Tony Fillis (Lodge Porter), Gill Gardener (Domestic Assistant), Eleanor Leveridge (Senior Library Assistant), Hazel Parsons (Domestic Assistant), Edward Smithson (Library Assistant), Diana Stevenson (Senior Library Assistant), Anton Verstraete (Secretary), Frankie Walters (Library Assistant), Kathy Watson (Domestic Assistant).

Gill Gardener took up the position of Housekeeper following Pearl Jenkins' move to Wadham College.

FINANCE

In the financial year to 31 July 1999 the General Fund portfolio fell slightly in value from £86.4 million to £86.2 million. The proportion of the portfolio held in equities decreased from 63.5% to 46.4%, bonds were 18.8% and property increased from 25.3% to 32.5%. Liquidity rose from 1.8% to 2.1%. The Consolidated Trusts Fund rose in value from £13.3 million to £13.6 million.

In this period, the College's total income was £5.1 million, of which £4.5 million was derived from the General Endowment and Consolidated Trusts Fund. Overall expenditure was slightly less than in 1998, allowing a transfer of £186,000 to the revenue account. The College estimate of 'notional income' indicates that this surplus falls some £50,000 short of the amount needed in the Endowment to maintain expenditure at this level on a permanent basis. The College was taxed £250,000 under the College Contributions Scheme.

LIBRARY

After difficulties with listed building consent, work on phase 3 of the alterations to the Library missed the Long Vacation by some considerable margin and ended up in the middle of Michaelmas Term. The results were well worth the wait as the new 'Upper Reading Room' handsomely accommodated post-1980 periodicals A-M in a splendid room with oak-faced bookcases, reader desks, some casual seating and a secluded photocopier area – and with growth space for ten years. The space released on Floor 2 of the Tower and in the Cole Room allowed Per N-Z and qPer to be spread out to give each title the same ten years for growth.

All in all, the alterations seem to have been a great success. The Library is now a more comfortable and attractive place both for readers and staff, and the shelving and seating capacity has been increased in spite of the depredations of the fire safety precautions. The amount of shelving stands at just under 6 km. It is planned to review space again in 2003.

An exciting development was the launch of online request forms for inter-library loan and book purchase request on the Library section of the College WWW site. The whole section was given a revamp after growing considerably. OxLIP (Oxford Libraries Information Platform, provided by the University) continued to deliver electronic reference and full-text resources.

365 new readers were registered during the year and an additional 113 readers were admitted to consult items held only at Nuffield. Following extensive analysis of figures for door entries on Saturdays during the year, it was established that the Library was visited by an average of 2.3 external readers. It was therefore decided not to resume Saturday opening after the summer break.

Four new periodical subscriptions were started and 15 were cancelled, bringing the total number to 1043. The Library acquired 1170 new books, including 152 government publications and 157 donations. The Library is grateful as ever for donations, especially of material written or contributed to by members of College. One notable donation was a copy of the new Encyclopedia of Biostatistics given by Sir David Cox.

Ellie Leveridge joined the staff as a Senior Library Assistant. Hannah Prince and Frankie Walters were graduate trainees for the year, and Frankie was appointed to a permanent post during the year. Jane Garratt came as temporary cataloguer and pushed forward the pre-1970 retroconversion at a cracking pace. The Library lost four long-serving members of staff. Catherine Dockerty moved on to work for a library supplier in London after six years on the staff. After eight and a half years, including four and a half as Assistant Librarian, Felicity Roberts (Staveley-Taylor) resigned in expectation of her second child. After thirteen years, including six as Librarian, James Legg resigned to take up the position of Sackler (Ashmolean) Librarian. Finally, after twenty eight years and one month, Eleanor Vallis retired as Archives Assistant leaving the collection in fine order. Besides looking after the Archives, Eleanor had contributed in many ways to the work of the Library and will be sorely missed.

INFORMATION SYSTEMS

The IS department continued to give computing support to all members of College. This ranged from the normal help with small problems, to enhancing the network, and supporting the implementation of the College's new financial system. An important task of the department is to promote efficient use of IT at all levels in the College, and to keep abreast of technological developments for this purpose. The redesigned College web site was launched, making extensive use of active server pages, in combination with database driven information (see, for example, the remembrancer and telephone list).

In terms of the College network, the year has been one of consolidation, rather than expansion, with preparations being made to move to Windows 2000 in combination with active directory services. An experimental network was created to evaluate the impact of the migration. The link from College to the University backbone has been upgraded, although we have experienced a degradation in the overall quality of the link from the University to the outside world.

Richard Gascoigne continued as the IS manager. He was assisted by Steve Moyle and Geraldine Penman, who both left the College during the year.

JCR REPORT

The millennial year of 1999/2000 was one of new beginnings, fresh starts, and old gits ruminating in the bar. Welcomed into Nuffield via the warm bosom of Gavan Conlon, the new intake hit the ground running and, after a few too many bottles at Dominic Tierney's introductory wine guzzling, promptly tripped over. It gradually emerged that, contrary to appearances, the second years didn't in fact hate the new freshers, and something like assimilation started to take place; but not before the freshers took revenge in the annual newcomers' panto.

This last Christmas pantomime of the millennium was nothing if not an unmitigated triumph. Despite a late beginning to writing, Gavan's threats to shame, beat up and excommunicate the first year for not doing anything about this Nuffield tradition finally paid off, and the Anglo-Irish-Canadian triumvirate set to work on Sleeping Cinder Beauty and the Seven Tall Chaps (or was it six – no-one's too sure). The final product was raucously received in the manner intended, with notable performances from Ben as the suavest Prince 'Connery' Charming to smear on the greasepaint, Peter and Paul emitting innumerable evil guffaws in pursuit of their most unsaintly dream of lap-dancing clubs in East Grinstead, and Clare Chambers as the eponymous heroine. The golden gong was furiously contested by John Gould's uncanny 'Sasha the Barman', yet in terms of audience applause and encore demands, the equine duo of Pablo and Dr Gaubatz drew all the plaudits. With only the slightest reluctance, the second year admitted that Johannes's 'James' and Nik's 'Dominic' (with the duo 'Baby We're The Best') were, though controversial, performances of genius; and Munya's genuine traditional African drumming-on-an-upside-down-bucket added much needed rhythm to the dance of the seven veils performed by some tall blokes. Thanks must go to all those involved who are too numerous to mention, but especially the musical and set construction team of Dr Stone Sweet and his wife.

And so to sport which, as will become apparent, permeated more of college life than this sedate President thinks can possibly be healthy.

The Chelsea of Oxford football leagues, Nuffield Football 1st XI chose to follow the squad rotation system thus producing a new team every week and the unusual practice of introductions amongst the players before kick off. This trawling of Oxford colleges for ringers did however nearly pay off, and promotion was narrowly missed, largely due to the defeat

attended by only eight of the faithful. In a totally un-Chelsea manner, Nuffield Football can look forward to the impending season with justified confidence.

Cricket however proved to be the acme of Nuffield sporting prowess with victory in the MCR Cuppers Final over the arms dealers of the Business School. (I'm not supposed to mention our earlier defeat by St Antony's so I won't.) Consistency was the key – well actually ringers were the key, but that sounds less impressive – and innovative captaincy from Dominic, in introducing his wicket keeper as strike bowler with the sad loss of Gavan. In the midst of this exceptional show of skill was an exceptionally exceptional performance by the elusive yet crucial Murtaza. Even a narrow defeat by the SCR in the closest match in living memory (a long time in some cases) could not take the sheen off a glorious summer with leather and willow.

Before this sunny conclusion to the year the theme of sporting triumph included numerous other successes. The Linacre-Nuffield Women's Second Eight won blades in Summer Eights, and was presented with cups by the Mayor of Oxford for winning the novice eights category at the 'Royal City of Oxford Regatta'. The novice men's Linacre-Nuffield rowers got to the last sixteen of Christ Church Regatta, mirroring the mighty result of the Nuffield croquet players in Cuppers; and the denizens of Nuffield bar have assured the more diurnal members of the JCR that we can be very proud of their victories in diverse pub quizzes.

Under the successful direction of Playing-Captain Martin Smith, Nuffield's Tennis Team gained promotion for the third year in succession, finishing top of Division Two of the Undergrad/Postgrad League. Akash, Nik, Pablo and Sal put in stellar performances, and John Goldthorpe (unknowingly) clinched promotion in an exemplary display of grass-court tennis against his St Peter's opponent.

On a slightly more serious note that deserves better company than this report can give it (and hence gets its own paragraph), our own Eirik rowed in Oxford's first eight against Cambridge in The Boat Race, giving Oxford its first win in eight years. And through some trick that colleagues have tried and failed to extract from him, he managed to be on the river and in the exam hall at practically one and the same time, successfully completing the first year of his M. Phil despite simultaneously training for a possible Olympic appearance (which unfortunately was not to be, owing to poor judgment on the part of the Norwegian Olympic Committee).

All in all a fantastic year for Nuffield JCR. And as the summer turns to autumn and the skies turn grey, a new generation of grumpy old gits reminiscing about the past has been forged, and waits ready to usher in a new year of fresh-faced Nuffielders.

NUFFIELD WOMEN'S GROUP

The Women's Group continued to provide a forum for topical debate on issues relating to gender. Lunches were held throughout the year, and were a popular forum for discussion. In Trinity term, Professor A H Halsey attended a lunch to discuss his survey findings on pay and promotion differentials

between men and women in higher education. The discussion sparked a lively debate on the factors conditioning the gender imbalance at the more senior levels of academic institutions. It is hoped that in the coming academic year, the women's group will continue to thrive. Future plans include a discussion group on radical feminist literature.

INDIVIDUAL REPORTS

WARDEN

Tony Atkinson (Warden) gave the 1999 WIDER lecture in Oslo, which was a critique of the ‘transatlantic consensus’ that rising income inequality is the inevitable result of a shift in demand away from unskilled labour. He put forward an alternative analysis to explain differences across countries in the extent and timing of increased in wage dispersion. He argued that attention should not just focus on the labour market, but also on the capital market, and on the redistributive impact of the government budget.

He has continued to be interested in European policy and wrote a paper for the French Conseil d’Analyse Economique on the development of the European social agenda. To this end, he used, together with Jo Webb, tax-benefit models to simulate the relationship between policy variables, such as the level of child benefit, and national rates of poverty, both in the UK and comparatively across European Union countries.

Publications

- ‘Reform of the Welfare State and Economic Performance’, *Zeitschrift für Wirtschafts- und Sozialwissenschaften*, Beiheft 8, 2000; also published in *Die Zukunft des Sozialstaats*. Berlin: Duncker und Humblot, 2000.
- ‘Income Inequality in the UK’, *Health Economics*, 8, 1999.
- ‘The Contributions of Amartya Sen to Welfare Economics’, *Scandinavian Journal of Economics*, 101(2), 1999.
- ‘On the Contribution of Economic Analysis to Social Policy’, *Swiss Journal of Economics and Statistics*, 1999.
- ‘The Distribution of Income in the UK and OECD Countries in the Twentieth Century’, *Oxford Review of Economic Policy*, 15, 1999.
- ‘Is Rising Inequality Inevitable? A Critique of the Transatlantic Consensus’, *WIDER Annual Lectures 3*. Helsinki: WIDER, 2000.
- ‘Can Welfare States Compete in the Global Economy?’, in R V Ericson and N Stehr (eds.), *Governing Modern Societies*. Toronto: University of Toronto Press, 2000.
- ‘The Changing Distribution of Income: Evidence and Explanations’, *German Economic Review*, 1, 2000.
- ‘The Distribution of Income and Wealth in Britain over the Twentieth Century’, in A H Halsey and J Webb (eds.), *Twentieth-Century British Social Trends*. London: Macmillan, 2000.
- (with F Bourguignon) ‘Pauvreté et inclusion dans une perspective mondiale’, *Revue d’économie du développement*, 1-2, 2000.
- ‘Agenda social européen: comparaison des pauvretés et transferts sociaux’, in P Jacquet *et al*, *Questions européennes*, CAE, Documentation Française, 2000.

Mark Armstrong (Official Fellow) has been working on how best to introduce efficient competition into regulated markets. Much of this work is

joint with David Sappington. In a related vein, he has also been working on a large-scale survey of 'The theory of access pricing and interconnection'.

In September 1999 he became Managing Editor of the *Review of Economic Studies*. He sits on the editorial boards of the *Journal of Industrial Economics* and the *Rand Journal of Economics*. He is currently co-editing Volume III of the *Handbook of Industrial Organization* (North Holland). He gave seminars in Florence, Oxford, Cambridge, London Business School, and Toulouse. He visits London Business School for one day per week as a member of the economics department's Regulation Initiative, and acts as external economic advisor to OFTEL.

Publications

(with Grant Hillier) 'The Density of the Maximum Likelihood Estimator', *Econometrica*, 67, 1999.

'Competition in the Pay-TV Market', *Journal of the Japanese and International Economies*, 13, 1999.

(with John Vickers) 'Multiproduct Price Regulation Under Asymmetric Information', *Journal of Industrial Economics*, 48, 2000.

'Optimal Multi-Object Auctions', *Review of Economic Studies*, 67, 2000.

'Anti-Competitive Agreements Between Firms in the Pay-TV Market', in C-D Ehlermann and L Gosling (eds.), *Third European Competition Law Annual 1998: Regulating Communications Markets*. Oxford, Hart Publishing, 2000.

Christopher Bliss (Professorial Fellow) has developed a model originally used for the analysis of the distributional effects of the abolition of the Corn Laws for the analysis of globalization on income distribution. Papers currently available on the College Web Page detail this approach.

Other work has drawn him towards game theory, which has not been a speciality. His work on corruption with Rafael di Tella revolved around a problem of the form maximize: $x \cdot h(x)$, where x can be seen as the target selected, and $h(x)$ is the probability of attaining the target. A wide range of examples of economic decisions take this form. Another web-page paper provides some results. When more than one agent chooses a target, and their probabilities of success are jointly determined, the problem becomes a game theory application. The mathematical structure is similar to, but not identical to, oligopoly theory. That connection in turn has led him to an interest in the sequencing of firms' entries into a market, an application which draws on and extends my work with then Nuffield graduate student, Barry Nalebuff, fifteen years ago.

Publications

'The Real Rate of Interest: A Theoretical Analysis', *Oxford Review of Economic Policy*, 15, 1999.

'Galton's Fallacy and Economic Convergence: A Reply', *Oxford Economic Papers*, 52, 2000.

Stephen Bond (Gwilym Gibbon Research Fellow in Public Economics) worked part time at Nuffield, as well as being Director of the Corporate Sector research programme at the Institute for Fiscal Studies in London.

His main research during the last year has concerned the relationship between share prices and company investment (with Jason Cummins, NYU); the impact of uncertainty on investment (with Nicholas Bloom and John Van Reenen, IFS); the effects of companies' share ownership structures on their investment, dividend policies and productivity (with Andrea Bettoni, Oxford, and Lucy Chennells, IFS); inference based on Generalized Method of Moments estimators in dynamic panel data models (with Clive Bowsher, Oxford, and Frank Windmeijer, IFS); an analysis of the German corporate income tax reform (with Lucy Chennells, IFS); and a review of the issues related to corporate tax harmonisation in the EU (with Michael Devereux, Warwick, and Lucy Chennells, Malcolm Gammie and Edward Troup, IFS).

He presented research papers at the Bank of Norway, ZEW Mannheim, Universidad Nova Lisbon, the AFSE conference in Paris, and the World Congress of the Econometric Society in Seattle. He also attended the Brookings Panel meeting in Washington in March. He continued to be a member of the ESRC Research College in Politics, Economics and Geography.

Publications

- (with Richard Blundell) 'GMM Estimation with Persistent Panel Data: An Application to Production Functions', *Econometric Reviews*, 19, 2000.
- (with Jason Cummins) 'The Stock Market and Investment in the New Economy: Some Tangible Facts and Intangible Fictions', *Brookings Papers on Economic Activity*, 1, 2000.
- (with Lucy Chennells) *Corporate Income Taxes and Investment: A Comparative Study*. Güterslow: Bertelsmann Foundation, 2000 (in German; English translation available from <http://www.stiftung.bertelsmann.de>).
- (with Lucy Chennells, Michael Devereux, Malcolm Gammie and Edward Troup) *Corporate Tax Harmonisation in Europe: A Guide to the Debate*, Institute for Fiscal Studies, Report Series R63, May 2000
- 'Levelling Up or Levelling Down? Some Reflections on the ACE and CBIT Proposals and the Future of the Corporate Tax Base', in S Cnossen (ed.), *Taxing Capital Income in the European Union*. Oxford: Oxford University Press, 2000.

Michael Brock (Honorary Fellow) completed his editing of *Nineteenth-Century Oxford, Part 2* in August (volume 7 of the *History of Oxford University*). When this is published in November the series will be complete. Having edited volumes 6 and 7 with Mark Curthoys, and contributed the Epilogue to volume 8, he has ranged over the University's doings from 1800 to 1990. He ended the year by writing a long article on William IV for the *New Dictionary of National Biography*. The third volume of selections from Lady Violet Bonham Carter's diaries (ed. Mark Pottle), with which he had been concerned (*Daring to Hope*), was published in July. (*Michael is too modest to mention that 'Daring to Hope' was dedicated to him (Warden)*). The delivery of the Asquith family papers to the Bodleian was completed in the same month (*University Gazette*, no 4557, 3 August 2000, 1540). An

American publisher has been authorized to reproduce sections of *The Great Reform Act* (1973) in an anthology.

Liam Brunt (Prize Research Fellow). The main advances on the research front occurred in the project being run jointly with Edmund Cannon at Bristol University. Substantial funding was secured to compile a large data set of weekly grain prices and quantities traded around England between 1770 and 1914. The data collection is almost complete and preliminary work has started in analysing the level of market integration during the Industrial Revolution – pinpointing when, how and why it changed over time. There has been little previous quantitative research in this area, despite the general belief that market integration was an important element in generating the Industrial Revolution.

Liam spent the beginning of the academic year finishing his thesis (dotting the i's and crossing the t's seems to involve a surprising amount of work!) He also produced a new paper tracing the history of the sample survey in social sciences back to the agricultural commentator Arthur Young in 1765. The other event of note was the creation of a new homepage on the web, with downloadable research papers and all sorts of other goodies.

Papers were presented at Oxford and the London School of Economics.

David Butler (Emeritus Fellow) continued to work on the history of Nuffield College. He wrote papers for a Canadian Study of Parliament meeting in Ottawa, for a Paris Conference on Referendums and for a conference on the centenary of the Australian Constitution. As Chair of the Hansard Society he organized a conference in college on electoral broadcasting and he worked with Godfrey Hodgson in Media and Politics seminars.

Publications

(with Gareth Butler) *Twentieth-Century British Political Facts 1900-2000*.

London: Macmillan, 2000.

(with Martin Westlake) *British Politics and European Elections 1999*.

London: Macmillan, 2000.

Gavin Cameron (Research Fellow) continued to work on the ESRC project 'Modelling Non-Stationarity in Economic Time-Series' with John Muellbauer, David Hendry, and Jurgen Doornik. His research focussed on two main areas. First, on economic growth. He worked with Cecilia García-Peñalosa and Bertrand Koebel (Magdeburg) on the effects of international trade in intermediate goods, and with Louise Keely (New College) on the economics of science, especially whether private and public R&D are complements or substitutes.

Second, he continued to work with John Muellbauer on a variety of UK labour and housing market issues. Their work on errors in the UK regional accounts in the 1980s attracted considerable media interest, including some dramatic misquotations! During the year he presented his work at the Centre for Economic Performance, LSE and in Oxford. In October, he will be

leaving Nuffield to take up an Official Fellowship and University Lectureship at Lady Margaret Hall.

Publications

(with James Proudman and Stephen Redding) 'Productivity Growth in an Open Economy: The Experience of the UK', chapter 6 in Barrell R, Mason, G, and O'Mahony, M (eds.), *Productivity and Competitiveness*. Cambridge: Cambridge University Press, 2000.

(with John Muellbauer) 'Earnings Biases in the UK Regional Accounts: Some Economic Policy and Research Implications', *Economic Journal*, 110, 2000.

Lucy Carpenter (Faculty Fellow) continued to collaborate with the MRC Programme on AIDS in a study evaluating population-based methods for reducing rates of new HIV infection and other sexually transmitted diseases in rural Uganda. The main method being evaluated is a behavioural change programme – either alone, or in combination with improved management of other sexually transmitted diseases. Data collection for this very large study in rural Uganda involved three population-based surveys each comprising over 20,000 adults. Follow-up of HIV-negative adults for sero-conversion has now been completed and preparations for the final analyses are currently underway.

A related area of research in which she has been actively engaged is an international collaboration on HIV and cancer organized by the ICRF cancer epidemiology unit. Work in this area is valuable for increasing general understanding of the importance of infections as potential causes of cancer. The collaboration has initially focused on the impact of highly active anti-retroviral therapy (HAART) on the occurrence of cancer in HIV-infected adults in developed countries. This has been found to reduce rates of two cancers already known to be linked with AIDS – non-Hodgkin's lymphoma and Kaposi's Sarcoma – but not other cancers. This gives some reassurance that, as HIV-infected people survive longer, thanks to HAART, their cancer risks are not likely to increase.

Publications

(with A Ross, D Morgan, R Lubega, B Mayanja and J A G Whitworth) 'Reduced Fertility Associated with HIV: The Contribution of Pre-existing Subfertility', *AIDS*, 13, 1999.

(with J F Kengeya-Kayondo, P M Kintu, J Nabaitu, R Pool, J A G Whitworth) 'Risk Perception and HIV-1 Prevalence in 15,000 Adults in Rural South-West Uganda', *AIDS*, 13, 1999.

(with N French, J Nakiyingi, E Lugada, C Watera, K Moi, M Moore, D Antvelink, D Mulder, E N Janoff, J Whitworth, and C F Gilks) '23-valent Pneumococcal Polysaccharide Vaccine in HIV-1-infected Ugandan Adults: Double-blind, Randomized and Placebo Controlled Trial', *Lancet*, 355, 2000.

(with A Kamali, J A G Whitworth, R Pool, A Ruberantwari, A Ojwiya) 'Seven Year Trends in HIV-1 Infection Rates, and Changes in Sexual Behaviour, Among Adults in Rural Uganda', *AIDS*, 14, 2000.

(with M A Quigley, D Morgan, S S Malamba, B Mayanja, M J Okongo and J A G Whitworth) 'A Case-control Study of Risk Factors for HIV

Incidence in Rural Uganda', *Journal of the Acquired Immune Deficiency Syndrome*, 23, 2000.

Tarani Chandola (Prize Research Fellow) continued research with Crispin Jenkinson (Department of Public Health and Primary Health Care) on the mechanisms underlying social inequalities in health, investigating environmental and psychosocial factors that may affect health and the health gap between different social classes and ethnic groups. He also continued work on the distinctive fertility patterns of the English speaking countries with David Coleman (Barnett House) and Robert Hiorns (Department of Statistics) and presented new results at the annual British Society for Population Studies conference in Utrecht, 2000. Finally, he worked as a consultant with the Social Disadvantage Research Group, Barnett House on developing the Index of Multiple Deprivation 2000 for England and for Wales. He is currently working on measuring rural deprivation (with Barnett House) and the association between racial discrimination at work and health (with the Department of Primary Care and General Practice, University of Birmingham).

Publications

- (with David Coleman) 'Britain's Place in Europe's Population', in S McRae (ed.), *Changing Britain: Population and Household Change in the 1990s*. Oxford: Oxford University Press, 1999.
- (with David Coleman and Robert Hiorns) 'Recent European Fertility Patterns: Fitting Curves to "Distorted Distributions"', *Population Studies*, 53, 1999.
- 'Social Class Differences in Mortality Using the New UK National Statistics Socio-Economic Classification', *Social Science and Medicine*, 50, 2000.
- 'Social Class Differences in Mortality Using the NS-SEC: A Reply to Rose and Pevalin', *Social Science and Medicine*, 51, 2000.
- (with Crispin Jenkinson) 'Social Class Differences in Morbidity Using the New UK National Statistics Socio-Economic Classification: Do Class Differences in Employment Relations Explain Class Differences in Health?' *Annals of the New York Academy of Sciences: Socio-Economic Status and Health in Industrial Nations*, 896, 2000.
- (with Crispin Jenkinson) 'Validating Self Rated Health in Different Ethnic Groups', *Ethnicity and Health*, 5, 2000.
- (with Crispin Jenkinson) 'The New UK National Statistics Socio-economic Classification: Investigating Social Class Differences in SF-36 Scores', *Journal of Public Health Medicine*, 22, 2000.
- (with Ray Fitzpatrick) 'Health', in A Halsey (ed.), *Twentieth-Century British Social Trends*. London: Macmillan, 2000.

Ben Cooper (Prize Research Fellow) continued to work on the relationship between game theory and moral philosophy, presenting a paper at a seminar at Nuffield in November. He also continued to work with Cecilia García-Peñalosa and Peter Funk (of the University of Cologne) on the impact of status effects in endogenous growth models.

He helped to organize (with Cecilia García-Peñalosa) a conference on *Economics and the Pursuit of Happiness*, held at Nuffield over two days in February. The conference considered papers from a number of high profile economists, sociologists and psychologists interested in interpreting and explaining happiness survey data.

With Chris Wallace, he has been working on a variation of the 'haystack' model of group selection in evolutionary theory. This stems from a thought experiment in which mice, which are either selfish or altruistic, set up separate groups in isolated haystacks. Within each group, the proportion of altruists declines, but groups with more altruists expand faster than groups with fewer. This results in an initial increase in the total proportion of altruists - although the effect is only temporary, and eventually altruism is driven to extinction. However, they have found conditions under which, if the population periodically disperses and randomly re-groups, the proportion of altruists enters a stable cycle rather than declining to zero.

Publications

'What Christian Economists Should Know About Evolutionary Game Theory', *Journal of the Association of Christian Economists*, 26, 1999.

(with Chris Wallace) 'The Evolution of Partnerships', *Sociological Methods and Research*, 28, 2000.

'Modelling Research and Development: How *do* Firms Solve Design Problems?', *Journal of Evolutionary Economics*, 10, 2000.

'Evolutionary Ethics', *Kategoria*, 16, 2000.

Sir David Cox (Honorary Fellow). As with many statisticians, much of his research time was spent in discussions with research workers in various disciplines attempting to comment on methods of study design and analysis. More specific collaborations were with N Wermuth (ZUMA-Mannheim) on multivariate methods, in particular based on Markov graphs, for social science data, with P J Solomon (Adelaide) on components of variance, with I Rodriguez-Iturbe (Princeton), V Isham (UCL) and H Wheater (IC) on rainfall and soil moisture and with N Reid (Toronto) on design of experiments and asymptotic statistical theory.

He was a member of the Department of Health Independent Committee on possible health hazards associated with mobile phones and base stations. The Committee, under the chairmanship of Sir William Stewart, issued their report *Mobile Phones and Health* in May. He was also a member of the Independent Scientific Group of the Ministry of Agriculture Fisheries and Food dealing with bovine TB. This is concerned in particular with experiments and observational studies connected with the possible role of badgers in transmitting the disease.

He continued as Chairman of Trustees of the *Biometrika* Trust and as Chairman of the Advisory Panel of the new Oxford University Press journal *Biostatistics*.

He gave lectures, seminars and conference talks in various countries.

During the year he was elected an Honorary Member, Statistical Society of Finland and received an Honorary Doctorate, Federal University of Rio de Janeiro.

Publications

- (with N Wermuth) 'Derived Variables for Longitudinal Studies', *Proceedings of the National Academy of Sciences* (USA), 96, 1999.
- (with I Rodriguez-Iturbe, A Porporato, L Ridolfi and V Isham) 'Probabilistic Modelling of Water Balance at a Point: The Role of Climate, Soil and Vegetation', *Proceedings of the Royal Society* (London) A, 455, 1999.
- (with S C Darby, G K Reeves and E Whitley) 'The Effects of Measurement Errors with Particular Reference to a Study of Exposure to Residential Radon', in *Radiation Dosimetry*. Bethesda, Maryland: National Cancer Institute, 1999.
- (with N Wermuth) 'On the Generation of the Chordless Four-cycle', *Biometrika*, 87, 2000.
- (with A Rotnitzky, M Bottai and J Robins) 'Likelihood-based Inference with Singular Information Matrix,' *Bernoulli*, 6, 2000.
- (with N.Reid) *Theory of the Design of Experiments*. London: Chapman and Hall, 2000.
- 'Some Remarks on Failure-times, Surrogate Markers, Degradation, Wear and the Quality of Life', *Life Time Data Analysis*, 5, 1999.
- 'Variables, Types of' in *Encyclopedia of Statistical Sciences*. Update volume 3. New York: Wiley, 1999.
- (with V Isham and P Northrop) *Statistical Modelling and Analysis of Spatial Pattern in the Geometry of Ecological Systems*. Cambridge: Cambridge University Press, 2000.
- (with M K Gravenor and A McClean) 'Scrapie and BSE', *Nature* (London), 2000.
- (with O E Barndorff-Nielsen) *Asymptotic Methods in Statistics*. Moscow: MPP. Russian translation of 1989 publication.

Alasdair Crockett (Prize Research Fellow) continued his research into the sociology of religion (largely from an historical perspective). During the year he submitted a paper (co-authored with Daniel Olson), which traces the 'dual effects' of religious pluralism on church attendance, to a leading US journal. He also completed a University of Oxford Discussion Paper in Economic and Social History (listed below). He co-organized (with Richard O'Leary) a Symposium on *Modernization and Religious Change*, held in Nuffield College on 1 April. The event was a great success, with leading sociologists of religion from the UK, US, and Europe presenting and discussing papers. The proceedings were enhanced by the presence of a number of Nuffield Fellows and students. A collection of the papers presented is being prepared for publication as an edited volume (with Alasdair Crockett and Richard O'Leary as editors).

He presented a paper at the annual conference of the Society for the Scientific Study of Religion in Boston (Massachusetts) in November. He also presented two seminars in Oxford during the 1999 Michaelmas Term – one in the Nuffield Sociology series, and one in the Economic and Social History series at All Souls.

He continued work with Dr R G M Crockett on the effects of round numbers (digit preference and data heaping) on the quality of historical data. This resulted in a co-authored publication (listed below), and a paper

presented at the Meeting of the European Social Science History Association in April.

Remaining time was spent on a monograph on the geography of secularization in nineteenth-century England and Wales. This should be completed early in 2001.

Publications

(with K D M Snell) 'From Henry Compton to Horace Mann: Stability or Relocation in Catholicism and Nonconformity, and the Growth of Religious Pluralism', in K D M Snell and P S Ell (eds.), *Rival Jerusalems: The Geography of Victorian Religion*. Cambridge: Cambridge University Press, 2000.

(with R G M Crockett) 'Historical Sources: How People Counted. A Method for Estimating the Rounding of Numbers', *History and Computing* 9: 1, 2 and 3, (1997) (published in October 1999).

'Variations in Churchgoing Rates in England in 1851: Supply-side Deficiency or Demand-led Decline', *Discussion Papers in Economic and Social History*, 36, 2000.

John Darwin (Faculty Fellow) was on academic leave 1999-2000 writing a history of the British Empire. He was co-organizer of a conference on the 'Late Colonial State' held at the University of Leiden in October. In November he attended a workshop on Commonwealth relations organized in Durban to coincide with the Commonwealth Heads of Government meeting. In June and July he visited Canada for research purposes.

Publications

'Civility and Empire' in P Burke, B Harrison and P Slack (eds.), *Civil Histories: Essays presented to Sir Keith Thomas*. Oxford: Oxford University Press, 2000.

'What Was the Late Colonial State?', *Itinerario*, 23, 1999.

Jurgen A Doornik (Research Fellow) continued working on the ESRC project 'Modelling Non-Stationarity in Economic Time Series' (with David Hendry, Gavin Cameron, and John Muellbauer).

He worked on reconstructing historical Euro-zone data (with Andreas Beyer and David Hendry). Econometric modelling of the Euro-zone economy requires data from before the adoption of the Euro. However, the methods used by official European institutions are often problematic because of changes in the exchange rates. The approach we propose avoids such distortions, yet aggregates exactly when exchange rates are fixed. This is achieved by aggregating growth rates within countries, then cumulating this Euro-zone growth rate to obtain aggregate levels.

He studied with Marius Ooms aspects of the GARCH likelihood which are relevant for applied modellers, in particular the role of dummy variables and the choice of restrictions on the parameter space. This paper was presented in Seattle. He continued work on fractionally integrated models (also with Marius Ooms) and in the field of cointegration analysis with Bent Nielsen and Tom Rothenberg. He considered algorithms for cointegration analysis which are numerically stable (with Ray O'Brien).

He gave conference presentations at Seattle (World Congress of the Econometric Society) and presented papers in Amsterdam, Nuffield and Warwick.

Ola Elerian (Prize Research Fellow) pursued her research on the econometrics of financial time series and continuous-time modelling. She was awarded a D Phil for her doctoral thesis, 'Simulation estimation of continuous time-series models with applications to finance' upon being elected to an Open Prize Research Fellowship at Nuffield College.

The paper 'Likelihood Inference for Discretely Observed Non-Linear Diffusions', with co-authors Siddhartha Chib (John M Olin School of Business, Washington University) and Neil Shephard (Nuffield College) was submitted to *Econometrica* and accepted, forthcoming in Vol. 69, 2001. 'A Note on the Existence of a Closed Form Conditional Transition Density for the Milstein Scheme' was also submitted for publication and work continues on extending the methodology to the multivariate framework. Work has also been initiated to develop a suite of self-contained packages, which will allow end-users to implement the latest advances in statistical procedures. The aim is to develop a package that can be used within Ox (an object-oriented matrix programming language developed by Jurgen Doornik at Nuffield College).

As one of three organizers of the ESRC Econometrics conference, she was involved with the selection procedure and coordination of speakers at this year's conference, held at Bristol during July. She is currently involved with the organization of a Finance workshop, to be held at City University in November. She was invited to present at the Econometric Society European Meeting, at Santiago de Compostela, 28 August-1 September, and the Bachelier World Congress meeting at the Institut Henri Poincaré, in Paris, 28 June-1 July. She presented a paper at the University of Western Australia in Perth in November and at the World Congress of the Econometric Society in Seattle, Washington 11-16 August. She also presented papers at various institutions, including the University of Washington, Imperial College and Birmingham University. She acted as a referee for *Biometrika*, *Journal of Econometrics*, *Econometrica*, the *Review of Economics and Statistics* and the *Oxford Bulletin of Economics and Statistics*.

Geoffrey Evans (Faculty Fellow) finished a monograph with Stephen Whitefield on political cleavage formation in post-communist societies (forthcoming in 2001, Oxford University Press). He also completed a long-running programme of research validating the Goldthorpe Class Schema and its official analogue, the National Statistics Socio-economic Classification, which will be employed in the 2001 Census. During the summer he was a successful co-applicant for a grant, awarded as part of the ESRC's Devolution Programme, to study the development of electoral behaviour and political attitudes in Northern Ireland and their relationship to the functioning of the Northern Ireland Assembly.

Papers on these and other topics were given at the MidWest Political Science Association annual meeting in Chicago; the bi-annual meeting of Research Committee 28 of the International Sociological Association in Libourne, France; and the annual meeting of the American Political Science Association in Washington DC. He also gave invited presentations at the Juan March Institute in Madrid, at a conference funded by the US National Science Foundation on 'Re-thinking Democracy in the New Millennium' in Houston, and at the European Consortium for Sociological Research's 2000 summer school in Oxford.

As a member of the ESRC's Post-Graduate Training Board, and the Board's Research and Advanced Course Recognition Panel, he devoted a considerable amount of effort to redesigning the core methods training accreditation requirements for the social sciences. In February he became Review Editor of the *European Sociological Review*. In June he was elected to an Official Fellowship in Politics.

Publications

- 'Economics, Politics and the Pursuit of Exogeneity: Why Pattie, Johnston and Sanders are Wrong', *Political Studies*, 47, 1999.
- (with Ariana Need) 'Etnische polarisatie in de steun voor mindeheidsrechten in Oost-Europa', *Mens en Maatschappij*, 74, 1999.
- 'For You, Voter, the Class War is not Over', *Fabian Review*, 111, 1999.
- (with Brendan O'Leary) 'Northern Irish Voters and the British-Irish Agreement: Foundations of a Stable Consociational Settlement?', *The Political Quarterly*, 71, 2000.
- (with Stephen Whitefield) 'Explaining the Formation of Electoral Cleavages in Post-Communist Democracies', in Hans-Dieter Klingemann, Ekkehard Mochmann and Kenneth Newton (eds.), *Elections in Central and Eastern Europe: The First Wave*. Berlin: Edition Sigma, 2000.
- (with Stephen Whitefield) 'Socialno-klassoviy factor politicheskogo povedeniya v Rossii', *Sotsiologicheskoe Issledovanie*, 2, 2000.
- 'Is the European Union the Basis of a New Cleavage in British Electoral Politics?', in Bruno Cautres and D Reynié (eds.), *L'opinion Européenne*. Paris: Presses de Science Politique, 2000.
- (with Ariana Need) 'Explaining Ethnic Polarization Over Attitudes Towards Minority Rights in Eastern Europe: A Multilevel Approach', *Centro de Estudios Avanzados en Ciencias Sociales, Estudios*, 146, 2000.
- 'The Continued Significance of Class Voting', *Annual Review of Political Science*, 3, 2000.

Cécile Fabre (Prize Research Fellow) spent the academic year on the concept of 'a decent life'. Her work centred on the following two questions: (a) if we are committed to the view that the needy have a right against us to the material resources necessary for them to have a decent life, should we not claim that they have that right against wherever they live, even if, that is, they are not nationals of our community? And (b) if we are committed to the aforementioned view, should we not claim that they have a right to (some of) our body parts, if body parts is what they need?

In addition, she wrote book reviews, conference papers, etc., on her subsidiary interests, which include the ethics of stakeholding and constitutionalism. Moreover, she organized a seminar on global justice in cooperation with David Miller, as well as a Franco-British conference on republicanism.

Publications

Social Rights Under the Constitution: Government and the Decent Life.

Oxford: Oxford University Press, 2000.

‘An Argument for A Bill of Rights’, *British Journal of Political Science*, 30, 2000.

David Firth (Faculty Fellow) worked as usual on a wide variety of statistical problems in many fields. A highlight this year was completion of work for the Department of the Environment, Transport and the Regions, jointly with Oxford colleagues in Social Policy and Social Work, on the new *Indices of Deprivation*. The *Indices* measure local deprivation at the level of electoral wards, in each of six ‘domains’ (income; employment; health and disability; education, skills and training; housing; and geographical access to services), and will serve as eligibility criteria for regeneration funding. The methodology developed for the new Indices, which improves in important ways on the statistical methods used in the previous Index of Local Deprivation, has been adopted also in similar exercises for Wales and Northern Ireland.

He is Joint Editor of the *Journal of the Royal Statistical Society*, Series B (*Statistical Methodology*), and a member of the European Regional Committee of the Bernoulli Society.

Publications

‘Quasi-variances in Xlisp-Stat and on the Web’, *Journal of Statistical Software*, 5, 2000.

‘Discussion of “Invariance and Factorial Models” by P McCullagh’, *Journal of the Royal Statistical Society*, Series B, 62, 2000.

(with A Sacker, R Fitzpatrick, K Lynch and M Bartley) ‘Comparing Health Inequality in Men and Women: Prospective Study of Mortality, 1986-1996’, *British Medical Journal*, 320, 2000.

Ray Fitzpatrick (Faculty Fellow) with colleagues in Oxford and Birmingham Universities, began a multi-centre randomized controlled trial, funded by NHS R&D, to examine alternative drugs for Parkinson’s disease. With Crispin Jenkinson (Oxford), he continued research into the health of individuals throughout Europe with motor neurone disease. With colleagues at the Institute of Neurology, London he completed a study to develop new methods of measuring outcomes in multiple sclerosis. He continued his positions as Chair of the Health Services and Public Health Research Board, Medical Research Council as member of council of MRC. In March 2000 he became acting head of the Department of Public Health, University of Oxford.

Publications

(with J Alonso) ‘Quality of Life in Health Care: Concepts and Components’, in P

- Martinez and W Koller (eds.), *Quality of Life in Parkinson's Disease*. Barcelona: Masson, 1999.
- (with A Klassen, T Goodacre) 'Quality of Life Outcomes after Cosmetic Surgery', *Plastic and Reconstructive Surgery*, 104, 1999.
- (with E Grunfeld, D Mant, P Yudkin, and R Adewuyi-Dalton) 'Comparison of Breast Cancer Patient Satisfaction with Follow-up in Primary Care vs Specialist Care: Results from a Randomized Controlled Trial', *British Journal of General Practice*, 49, 1999.
- (with R Surrender) 'Will Doctors Manage? Lessons from General Practice Fundholding', *Policy and Politics*, 27, 1999.
- (with C Jenkinson, C Brennan and M Swash) 'Evidence for the Validity and Reliability of the ALS Assessment Questionnaire: The ALSAQ-40.' *Amyotrophic Lateral Sclerosis and Other Motor Neurone Diseases*, 1, 1999.
- (with C Jenkinson, C Brennan, M Bromberg and M Swash) 'Development and Validation of a Short Measure of Health Status for Individuals with Amyotrophic Lateral Sclerosis/Motor Neurone Disease: the ALSAQ-40', *Journal of Neurology*, 20, 1999.
- 'The Importance of Evaluation', in *Public Health Practice Resource Pack*. Milton Keynes: NHS Eastern Region, 2000.
- (with M Drury, P Yudkin, J Harcourt, L Jones, and colleagues) 'Patients with Cancer Holding Their Own Records: A Randomized Controlled Trial', *British Journal of General Practice*, 50, 2000.
- (with G Albrecht and S Scrimshaw) (eds.), *A Handbook of Social Studies in Health and Medicine*. London: Sage, 2000.
- (with A Coulter) 'The Patient's Perspective Regarding Appropriate Health Care' in G Albrecht *et al* (eds.), *A Handbook of Social Studies in Health and Medicine*. London: Sage, 2000.
- (with T Chandola), 'Health' in A H Halsey (ed.), *Twentieth-Century British Social Trends*. London: Macmillan, 2000.
- 'Measurement Issues in Health-related Quality of Life: A Challenge for Health Psychology', *Psychology and Health*, 15, 2000.
- (with C Davey) 'Assessing Quality of Life', in J Grimley Evans and T Franklin Williams, (eds.), *Oxford Textbook of Geriatric Medicine*. Oxford: Oxford University Press, 2000.
- (with A Sacker, D Firth, K Lynch and M Bartley) 'Comparing Health Inequality in Men and Women: Prospective Study of Mortality 1986-96', *British Medical Journal*, 320, 2000.
- (with G Wilkinson, B Hesdon, D Wild, R Cookson and colleagues) 'Self-report Quality of Life Measure for People with Schizophrenia: the SQLS', *British Journal of Psychiatry*, 177, 2000.
- (with V Peto and C Jenkinson) 'Parkinson's Disease', in C Jenkinson, R Fitzpatrick and D Jenkinson (eds.), *Health Status Measurement in Neurological Disorders*. Abingdon: Radcliffe Medical Press, 2000.
- (with J Hobart and A Thompson) 'Multiple Sclerosis', in C Jenkinson, R Fitzpatrick and D Jenkinson (eds.), *Health Status Measurement in Neurological Disorders*. Abingdon: Radcliffe Medical Press, 2000.
- (with C Jenkinson and M Swash) 'Amyotrophic Lateral Sclerosis/Motor Neurone Disease', in C Jenkinson, R Fitzpatrick and D Jenkinson (eds.), *Health Status Measurement in Neurological Disorders*. Abingdon: Radcliffe Medical Press, 2000.

Noel Gale (Emeritus Fellow) began his tenure of a Leverhulme Emeritus Fellowship. This, in combination with a continuing grant from the Institute of Aegean Prehistory (New York) (INSTAP) will allow the completion of the work of the Isotrace Laboratory on Bronze Age trade in the Mediterranean, and the publication of this work in a series of monographs.

He continued work on the impact of the beginnings of metallurgy on the development of social stratification in Bronze Age societies. Work, supported by INSTAP, continued on studies of the implications for the ancient economy of the rich cargoes of the two oldest shipwrecks of the ancient world yet excavated, which foundered in the 14th and 13th centuries BC off the coast of Turkey. Further parallel work was completed which embraced the metal cargoes of Bronze Age shipwrecks off the coast of Israel. Underpinning this work has been an intensified study of copper ores in Cyprus related to a study of Bronze Age metals from Cypriot and Aegean sites. Though a number of archaeological reviews have been written about the organization of the Bronze Age copper industry in Cyprus and its importance to the economy of Cyprus, they are based on extremely little in the way of hard evidence. Consequently an effort is now being made to intensify the elucidation of the Bronze Age copper industry in Cyprus by the application of relevant scientific techniques. This impinges also on a problem in ancient geography: whether the identification is correct of all or part of Cyprus with the ancient polity Alasia, which is mentioned as an important source of copper in ancient texts from Egypt and elsewhere. The scientific approach has already established that an important class of copper ingots traded throughout the Late Bronze Age Mediterranean were made of copper from but one ore source in inland Cyprus, and that an important copper working site on the coast of Cyprus did not, as had been assumed, exploit the copper ore deposits located close to it, but rather the same ore source used to make the copper ingots. These findings, even by themselves, force a re-assessment of important parts of Cypriot Bronze Age archaeology.

New work was begun in studying artefacts from three major new archaeological excavations on the Aegean coast of Turkey, and from older excavations on Rhodes and Kos. New work was also begun on the site of Ugarit in Syria and the recently excavated sites of Qantir and Tel ed D'Abu on the Nile Delta; each of these sites is thought to have played an important part in the trade networks of the Bronze Age eastern Mediterranean.

Work continues on the application of various scientific approaches to attempting to solve one of the chief unsolved problems of Bronze Age Mediterranean archaeology, viz. the source of and trade in tin, for economies resting in large part on the supply of tin bronze for both peaceful and military uses. This involves study of probable tin sources for the ancient world in Afghanistan, Uzbekistan, Tadjikistan, the Erzgebirge, Tuscany, Brittany, Iberia, Cornwall, etc. There has been success in overcoming difficult technical problems which stood in the way of advancing this project.

Modest but essential funds in support of this work were granted during the year by the Swedish Research Council.

During the year he gave invited lectures and chaired sessions at an International Symposium in Freiberg (former East Germany).

He remains Overseas Editor of the *Geochemical Journal*, Assistant Editor of the *Revue d'Archéométrie*, and Associate Editor of *Archaeometry*. He is a member of the scientific committee of the Institute of Archaeometallurgical Studies, Institute of Archaeology, University College, London.

Publications

- 'The Role of Kea in Metal Production and Trade in the Late Bronze Age', in L G Mendoni and A Mazarakis-Ainian (eds.), *Proceedings of the 1994 International Symposium 'Kea-Kythnos: Historical and Archaeological Researches'*, *Meletemata*, 27, Athens: National Hellenic Research Foundation, and Paris: Diffusion de Bocard, 1998.
- 'Some Aspects and Misconceptions of Lead Isotope Analyses of Ores and Artefacts', in J Merkel and K Barakat (eds.), *Proceedings of the First International Conference on Ancient Egyptian Mining and Metallurgy, Cairo, 1995*. 1998.
- 'Characterization by Lead Isotopes and Trace elements of the Ore Deposits of Cyprus and Sardinia in the Light of Current Theories of their Metallogenesis, and its Bearing on the Possibility of the Lead Isotope Provenancing of Copper Alloys', in S Young, M Pollard, P Budd, and R A Ixer (eds.), *The Proceedings of the Symposium Metals in Antiquity, Harvard 1997*, BAR Int. Series 792. Oxford: Archaeopress, 1999.
- (with A P Woodhead and Z A Stos-Gale) 'An Investigation into the Fractionation of Copper Isotopes and its Possible Application to Archaeometallurgy', in S Young, M Pollard, P Budd, and R A Ixer (eds.), *The Proceedings of the Symposium Metals in Antiquity, Harvard 1997*, BAR Int. Series 792. Oxford: Archaeopress, 1999.
- (with Z A Stos-Gale) 'Copper Oxhide Ingots and the Aegean Metals Trade – New Perspectives', in P Betancourt, V Karageorghis, R Laffineur, and W-D Niemeier (eds.), *Festschrift for Malcolm Wiener, Meletemata, Aegeum*, 20, 1999.

Duncan Gallie (Official Fellow) completed the comparative European research programme on 'Employment Precarity, Unemployment and Social Exclusion' that he was co-ordinating with Serge Paugam, with the publication of a collective volume. The research highlighted the way in which the differences in welfare institutions between European societies affected the quality of life of unemployed people. It showed in particular the quality of the Danish and Swedish systems, which provided a high level of protection to the living standards of the unemployed with little evidence of a negative impact on work motivation.

During the year he started work on a comparison of the situation of the unemployed in Britain with that in three former state socialist societies – Bulgaria, the Czech Republic and Slovakia. This was designed to examine whether, in conditions of a relatively weak welfare state, community solidarities developed which could offset the economic and psychological severity of the effects of unemployment.

He continued his work on employee commitment in the British workforce in the 1990s to see whether new management policies were leading

to higher employee loyalty. The evidence indicates that, despite the spread of certain types of 'high involvement' policy, there was no increase over time in employees' allegiance to their firms. This appears to result from the fact that over the same period managements have tightened their systems of control of employee performance and have reduced discretion over the work task.

He was a member of the Advisory Board of the British Household Panel Study and a foreign representative for the editorial board of *Sociologie du Travail*. He served as a member of the Commissioning Panel and the Advisory Committee of the ESRC's Future of Work Initiative.

Publications

(edited with Serge Paugam) *Welfare Regimes and the Experience of Unemployment in Europe*. Oxford: Oxford University Press, 2000.

'The Labour Force' in A H Halsey with J Webb (eds.), *Twentieth Century British Social Trends*. London: Macmillan, 2000.

'The Polarization of the Labour Market and the Exclusion of Vulnerable Groups', in K Isaksson, C Hogstedt, C Eriksson and T Theorell, *Health Effects of the New Labour Market*. New York : Kluwer Academic/ Plenum Publishers, 2000.

Kurt Taylor Gaubatz (Faculty Fellow, Visiting John Winant Lecturer in American Foreign Policy) has spent much of the year learning about Oxford University, its libraries, colleges, traditions, and various bureaucracies. To relieve the inevitable paralysis that might come in the face of such an ambitious research agenda, he has also devoted considerable time to confronting more tractable issues having to do with war, peace, and the nature of democratic politics. Three main projects have focused his research this past year. First, he has been conducting a study of international legal practice with the goal of enhancing our understanding of the character and distribution of international legal norms. With his co-author (Matthew MacArthur of Stanford University) he highlights the asymmetry between non-western and western states in their use of international lawyers in appearances before the ICJ. While western states largely use internal staff lawyers to present their arguments to the ICJ, non-western states tend to hire private international lawyers from a handful of western countries. He argues that this phenomenon points to a problematic lack of effective legal counsel in the foreign policy making processes of non-western states. A second project has been the development of an article on the timing of public opinion polling. Using the conflict in Bosnia as a case study, he shows how developing events influence when and how polls are conducted; and then how the timing of polls can ultimately affect broader perceptions of public attitudes. Finally, he has begun a project on the problems of democratization in international organizations.

These projects have been presented in various seminars and workshops around Oxford and in the United States.

Publications

Elections and War: The Electoral Incentive in the Democratic Politics of War and Peace. Stanford: Stanford University Press, 1999.

'Political Competition and Foreign Policy Power Sharing', *International Interactions*, 26, 2000.

John Goldthorpe (Official Fellow) worked with Colin Mills (LSE) on the British part of a collaborative cross-national research project, centred on the EUI in Florence, and aimed at establishing trends and patterns of intergenerational class mobility in Europe and the US in the last decades of the twentieth century. This work involved the creation of a major new data-set from the General Household Survey files. Some preliminary findings were presented at a conference held at the EUI in December and a more advanced paper was completed later in the year which presents results on the (declining) role of education in class mobility that link encouragingly with those of his further work on 'meritocracy', with Richard Breen, based on the NCDS and BCS70 cohort studies.

He also pursued his interests in the theory of social class and social mobility, giving a paper on the latter theme at the 50th anniversary meeting of the Research Committee on Social Stratification and Mobility of the ISA which was held at Libourne, France in May. In the summer he took up a new topic, that of the effect of globalization on national class structures, and prepared a paper on this topic for an international conference to be held in Stockholm in October.

He continued to act as consultant to the ESRC-ONS committee working on the implementation of the new ONS Socio-Economic Classification, and also as a member of the Scientific Council of the Max-Planck-Institut für Bildungsforschung in Berlin and of the International Curatorium of the Inter-University Centre for Social Science Theory and Methodology in the Netherlands. In the latter role, he spent a week in December at the Universities of Gröningen and Utrecht.

In September he acted as academic organizer of the second Graduate Summer School of the European Consortium for Sociological Research that was held in Oxford, and then took part in the ESF-ECSR Conference that followed in Giens, France, on the theme of 'Educational Differentiation in European Societies', presenting a paper, with Richard Breen, on their work referred to above.

Publications

On Sociology: Numbers, Narratives and the Integration of Research and Theory. Oxford: Oxford University Press, 2000.

'The Present Crisis in Sociology: A Way beyond Spurious Pluralism?', in Stefan Svallfors and Thomas P Boje (eds.), *The New Millenium: Essays on the Current State of Sociology.* Umeå: Sociologiska Institutionen, Umeå Universitet, 2000.

'Rent, Class Conflict and Class Structure: A Commentary on Sørensen', *American Journal of Sociology*, 105, 2000.

Bronwyn H Hall (Professorial Fellow). Hall's research this year has focused on several current technology policy issues: firm response to changes in US intellectual property protection, the analysis of public R&D support via subsidy and tax credits, and the functioning of university-industry partnerships. In addition, she has undertaken two new initiatives using detailed patent data: one with Manuel Trajtenberg that explores the use of such data to measure the emergence of new 'General Purpose Technologies'

(such as the semiconductor chip), which are widely viewed as being important for economic growth; and one with David Soskice that studies the differences in technology strategies pursued by US and German firms as a consequence of the different institutional environments that firms in the two countries face.

Revisions of papers with Rosemarie Ham Ziedonis that studies the dramatic changes in patenting behaviour in the semiconductor industry in the past 15 or so years and with Albert Link and John Scott on university-industry partnerships have been completed. Together with Link and Scott, Hall produced a new working paper on the intellectual property barriers encountered by these partnerships in the United States: they find that disagreements over the ownership of IP are often the most serious problem encountered in setting up these research relationships and may prevent altogether the inclusion of a university in early stage research projects that are partly publicly funded.

Hall continues to work on firm-level investment and the valuation of intangibles. Together with Adam Jaffe and Manuel Trajtenberg, a revised working paper on the use of citation-weighted patent measures of the private value of innovations has been prepared for submission to publication. A paper with Daehwan Kim on the measurement of Tobin's q and the market value of R&D is also in progress, as is work on takeovers and R&D in US firms. Joint research with Jacques Mairesse and Benoit Mulkey that compares the R&D and investment behavior of French and US firms was presented to a conference at the Deutsche Bundesbank and will be published by Springer next year.

Presentations of this work have been made at conferences in Washington, DC (National Academies of Science and Engineering), UC Berkeley, Boston (American Economic Association Annual meeting), Vienna (IIASA), Turin, Gothenburg (Sweden), Frankfurt (Deutsche Bundesbank), and Santiago de Compostela (Econometric Society European Meetins), as well as seminars in Paris (INSEE-CREST), Philadelphia (Wharton School), Berlin (Wissenschaftszentrum) and Seattle (World Congress of the Econometric Society). In July Hall joined the Science, Technology and Economic Policy Board of the National Academies of Science, Engineering, and Medicine.

Publications

- (with Andrew A Toole and Paul A David) 'Is Public R&D a Complement or Substitute for Private R&D? A Review of the Econometric Evidence', *Research Policy*, 29, 2000.
- (with John van Reenen) 'How Effective are Fiscal Incentives for R&D? A New Review of the Evidence', *Research Policy*, 29, 2000.
- (with David Encaoua, Francois Laisney, and Jacques Mairesse) (eds.), *Economics and Econometrics of Innovation*. Amsterdam: Kluwer Publishing, 2000.
- (with Albert N Link and John T Scott) 'Barriers Inhibiting Industry from Partnering with Universities', *Journal of Technology Transfer*, 26, 2001.

A H Halsey (Emeritus Fellow) worked mainly on his forthcoming history of British Sociology from the time of L T Hobhouse who, after Oxford and the *Manchester Guardian*, took up the first chair in the subject which was founded by the Scottish philanthropist, Martin White, at the London School of Economics and Political Science in 1907. The British Academy gave him a small grant (£5,000) towards secretarial and other expenses for the year 1999-2000.

He began, inadvertently, by bringing up to date some of his old DNB entries (for Morris Ginsberg, Richard Titmuss and Barbara Wootton) for the *New Dictionary of National Biography* and then added essays on T H Marshall, W J H Sprott, Charles Madge, Edward Shils and Campbell Stewart. These essays will form part of a chapter on past leadership in sociology.

In the remains of the year he planned the study, devised and piloted a 'life-history' questionnaire to all those who held British chairs of sociology (broadly and narrowly defined), planned a content analysis of the main sociological journals since 1950 and read or re-read many relevant sources.

Meanwhile Macmillan published *Twentieth-Century British Social Trends* and a launch was staged in College in March

He attended and read papers at two conferences: one in Mexico in November on Higher Education and Economic Growth and the other at Herstmonceux Castle in Sussex in April on Statistics, Science and Public Policy (paper on The Modernizer and the Don). He also gave evidence to the Select Committee on Education of the House of Commons in August on admissions policy in Oxford.

Publications

Twentieth-Century British Social Trends. London: Macmillan 2000.

'Edward Shils, Sociology and Universities', *Minerva*, 37, 1999.

Anthony Heath (Official Fellow) has been working on the establishment of the new Department of Sociology. This has left less time than usual for academic research. His main research activities have been collaborative work with Robert Andersen (Research Fellow in the Centre for Research into Elections and Social Trends). They have been working on papers exploring the electoral cycle, the contextual effects of social class, regional differences in voting behaviour, and political knowledge. With other colleagues in CREST Anthony Heath has also been successful in obtaining a grant from the ESRC to study national identity and constitutional change in England (as part of the ESRC's Devolution and Constitutional Change Programme).

He has also been working on ethnic differences in Britain, in particular comparing the educational and occupational experiences of the first- and second-generation members of ethnic minorities. This work suggests that the second generation, who were born and educated in Britain, suffer disadvantages as great as those suffered by the first generation who were educated abroad and then migrated to Britain.

Publications

(with Dorren McMahon) 'Les différences ethniques sur le marché du travail Britannique: le rôle de l'éducation et des origines sociales', *Formation Emploi*, 68, 1999.

- (with I McLean, B Taylor and J Curtice), 'Between First and Second Order: A Comparison of Voting Behaviour in European and Local Elections in Britain', *European Journal of Political Research*, 35, 1999.
- (with Clive Payne) 'Social Mobility', in A H Halsey with J Webb (eds.), *Twentieth-Century British Social Trends*. Basingstoke: Macmillan, 2000.
- (with Harvey Goldstein) *Educational Standards, Proceedings of the British Academy 102*. Oxford: Oxford University Press, 2000.
- (with Min Yang and Harvey Goldstein) 'Multilevel Models for Repeated Binary Outcomes: Attitudes and Voting over the Electoral Cycle', *Journal of the Royal Statistical Society, Series A*, 163, 2000.

David Hendry (Professorial Fellow) pursued his research on the *Econometrics of Economic Forecasting* under a Leverhulme Personal Research Professorship. This work, jointly with A Banerjee, M P Clements, H-M Krolzig, and G E Mizon on an ESRC financed project, examined the impact of model selection procedures in forecasting, testing theories, and policy. A new approach, based on computer automation, shows dramatic improvements in the probabilities of selecting the relevant and omitting the irrelevant variables in regression models relative to existing approaches, confirmed by a wide range of Monte Carlo simulation studies. His research on the Nuffield ESRC-financed project, *Modelling Non-stationarity in Economic Time Series* (with G Cameron, J A Doornik, J N J Muellbauer, and B Nielsen) concerned updating a model of inflation in the UK over the last century, and developing an improved approach for reconstructing data on the Euro-zone economies since 1980.

He presented invited lecture series on Econometric Modelling and Forecasting to the Norwegian Doctoral Program, Oslo, Chinese Academy of Social Sciences, Beijing, and to the IMF; and gave an EU Course on PcGive in Competition and Regulation. He presented the Roll Lecture, Southampton University, and gave keynote addresses to the African Econometric Society Conference in Johannesburg and CEMPARE Conference, Lisbon.

He presented papers at the following conferences: Econometric Society World Congress, Seattle; 'Forecasting and Leading Indicators', Office for National Statistics, London; 'European Monetary Union' Conference, London; 'Future of Macroeconomics', ESRC-Bank of England Conference; 'Econometrics of Policy Evaluation', Paris; Macroeconometrics Conference, Bertinoro; Monetary Transmissions Conference, Copenhagen; Conference, Madrid; Royal Economic Society Conference, St. Andrews.

He also delivered seminars at the Universities of Pretoria and Witwatersrand, Johannesburg; Board of Governors of the Federal Reserve System, Washington; Chongqing Commercial College and Huazhong University, China; and Norges Bank, Oslo.

Publications

- (with M P Clements) *Forecasting Non-stationary Economic Time Series*. Cambridge, Mass: MIT Press, 1999.
- Econometrics: Alchemy or Science?* New Edition. Oxford: Oxford University Press, 2000.

- (edited with W A Barnett, S Hylleberg, T Teräsvirta, D Tjöstheim, and A Würtz) *Nonlinear Econometric Modelling*. Cambridge: Cambridge University Press, 2000.
- (with J A Doornik) 'The Impact of Computational Tools on Time-series Econometrics', in T Coppock (ed.), *Information Technology and Scholarship*, Oxford: Oxford University Press, 1999.
- (with H-M Krolzig) 'Improving on "Data Mining Reconsidered" by K D Hoover and S J Perez', *Econometrics Journal*, 2, 1999.
- (with G E Mizon) 'The Pervasiveness of Granger Causality in Econometrics', in R F Engle and H White (eds.), *Cointegration, Causality and Forecasting*. Oxford: Oxford University Press, 1999.
- 'On Detectable and Non-detectable Structural Change', *Structural Change and Economic Dynamics*, 11, 2000.
- (with M P Clements) 'Economic Forecasting in the Face of Structural Breaks', in S Holly and M Weale (eds.), *Econometric Modelling: Techniques and Applications*. Cambridge: Cambridge University Press, 2000.
- 'Epilogue: the Success of General-to-specific Model Selection', in D F Hendry (ed.), *Econometrics: Alchemy or Science? New Edition*. Oxford: Oxford University Press, 2000.
- (with G E Mizon) 'On Selecting Policy Analysis Models by Forecast Accuracy', in A B Atkinson, H Glennerster, and N H Stern (eds.), *Putting Economics to Work: Volume in Honour of Michio Morishima*. London: London School of Economics: STICERD, 2000.
- (with G E Mizon) 'The Influence of A W H Phillips on Econometrics', in R Leeson (ed.), *A W H Phillips: Collected Works in Contemporary Perspective*. Cambridge: Cambridge University Press, 2000.
- (with K Juselius) 'Explaining Cointegration Analysis: Part I', *Energy Journal*, 21, 2000.

Gwilym Hughes (Supernumerary Fellow and Bursar) remains very involved with the University Committee charged with making proposals for a new scheme of redistribution of funds to poorer colleges. He continues as Director of GTE for Oxfordshire Ltd, which is developing plans for dedicated bus routes for incorporation into Oxford's next five year local transport plan. Several board meetings have been held at Nuffield.

Andrew Hurrell (Faculty Fellow works on the international relations of the Americas and on international relations theory. His work on the Americas has involved: organizing a workshop in May on Brazil's International Relations in the 20th Century; the completion of an edited book on Brazil's policy towards a range of multilateral institutions; and participation in a collaborative project on Regional Integration in the Americas for which he gave papers in London and Warsaw on 'Interest Groups and the Political Economy of Mercosur'. His broader work on international relations included a chapter on 'Ethics, Norms and International Relations' for a new handbook of international relations; a paper on 'Global Inequality and International Institutions' for a workshop in

Bielefeld in July on Global Justice; and further work on a monograph on *The Changing Constitution of International Society*. During the year he gave papers at Harvard, Brown, Brasilia, Belo Horizonte, Rio de Janeiro, LSE, Cambridge and Leuven.

Publications

'International Law and the Changing Constitution of International Society', in Michael Byers (ed.), *The Role of Law in International Politics: Essays in International Relations and International Law*. Oxford: Oxford University Press, 2000.

(co-editor with Kai Alderson) *Hedley Bull on International Society*. London: Macmillan/St Martin's Press, 2000.

'The Role of Intermediate Powers in International Institutions', in Andrew Hurrell *et al*, *Paths to Power: Foreign Policy Strategies of Intermediate States*. Washington DC: Wilson Centre, 2000.

Sheila Jacobs (Research Officer) has continued to work with Duncan Gallie as a member of the team involved in the EU research project examining Employment Precarity, Unemployment and Social Exclusion (EPUSE) in a range of European countries. The study has now been completed and the findings were published in May. She has been undertaking follow-up analyses examining the employment and poverty situations of the unemployed in later years.

She has also been investigating the reliability and validity of retrospective data in the study of unemployment and continuing her analysis of women's careers.

Publications

(with Duncan Gallie and Serge Paugam) 'Poverty and Financial Hardship among the Unemployed', in D Gallie and S Paugam (eds.), *Welfare Regimes and the Experience of Unemployment in Europe*. Oxford: Oxford University Press, 2000.

(with Lisbeth Pedersen, Hanne Weise and Michael White) 'Lone Mothers' Poverty and Employment', in D Gallie and S Paugam (eds.), *Welfare Regimes and the Experience of Unemployment in Europe*. Oxford: Oxford University Press, 2000.

(with Fabrizio Bernardi, Richard Layte and Antonio Schizzerotto) 'Who Exits Unemployment? Institutional Features, Individual Characteristics and Chances of Getting a Job. A Comparison of Britain and Italy', in D Gallie and S Paugam (eds.), *Welfare Regimes and the Experience of Unemployment in Europe*. Oxford: Oxford University Press, 2000.

(with Duncan Gallie) 'Appendix A: The European Community Household Panel', in D Gallie and S Paugam (eds.), *Welfare Regimes and the Experience of Unemployment in Europe*. Oxford: Oxford University Press, 2000.

Nevil Johnson (Emeritus Fellow) has been engaged mainly on work preparatory to the writing of a book about contemporary constitutional change in Britain and its implications for traditions beliefs about the British constitution. Progress has been made on the writing of this work. Additionally, various pieces of occasional writing have both fed into this

project on the constitution and at the same time contributed to slowing down progress on it.

Publications

‘Then and Now: The British Constitution’, *Political Studies*, 48, 1, 2000.

‘Parliament Pensioned Off?’, in Keith Sutherland (ed.), *The Rape of the Constitution?*. Exeter: Imprint Academic, 2000.

‘State and Society in Britain: Some Contrasts with German Experience’, in H Wollmann and E Schröter (eds.), *Comparing Public Sector Reform in Britain and Germany*. Aldershot, Ashgate Publishing Ltd, 2000.

‘A Record of Success: Half a Century of German Political Consolidation’, Review of Wilhelm Hennis, *Regieren im modernen Staat; Politikwissenschaftliche Abhandlungen I, Government and Opposition*, 35, 2000.

Yuen Foong Khong (Faculty Fellow) was on leave from the College and University while serving as Deputy Director, Institute of Defence and Strategic Studies, Singapore.

Uwe Kitzinger (Emeritus Fellow), Senior Research Fellow of the Atlantic Council and Visiting Scholar at the Harvard Centre for European Studies, worked on problems of the European Union and the Atlantic Alliance (especially in relation to ex-Yugoslavia). He is also Chairman of the International Association of Macro-Engineering Societies and President of the Fédération Britannique des Alliances Françaises.

Paul Klemperer (Professorial Fellow) was the principal auction theorist advising the UK government in its sale of mobile-phone licenses which raised £22.5 billion – enough to build 400 new hospitals. He also advised the US Federal Trade Commission on merger and competition cases and policy (including, e.g., the oil mergers between Exxon and Mobil, and BP and Arco) and the UK National Audit Office and Competition Commission.

His writing centred on auction theory including the publication of *The Economic Theory of Auctions*, preparation of two articles ‘What Really Matters in Auction Design’ and ‘Why Every Economist Should Learn Some Auction Theory’ available at

www.nuff.ox.ac.uk/economics/people/klemperer.htm and publication of an article in the *Rand Journal of Economics*. He gave plenary addresses at the World Congress of the Econometric Society, the European Association for Research in Industrial Economics, the International Telecommunications Society, and public lectures in Beijing, Hong Kong and Rome.

He is a Fellow of the British Academy, and a Fellow of the Econometric Society. He completed his term as editor of the *Rand Journal of Economics*, and was also this year an associate editor of the *Economic Journal*, the *European Economic Review*, the *International Journal of Industrial Organization* and *The Review of Economic Design*, an editorial board member of *Oxford Economic Papers* and a panel member of *Economic Policy*. He runs the College’s internal and external economic theory and

industrial economics seminars (fortnightly on Tuesday lunchtimes and Friday afternoons, throughout the year).

Publications

(editor) *Economic Theory of Auctions*. Cheltenham: Edward Elgar, 2000.
(with Richard J Gilbert). 'An Equilibrium Theory of Rationing' *Rand Journal of Economics*, 31, 2000

Ian Little (Emeritus Fellow) is working on a book about the interfaces of Politics, Philosophy and Economics.

Lord McCarthy (Emeritus Fellow) continued to serve as a member of the Arbitration Panel of the Advisory Conciliation and Arbitration Service and as a member of the Civil Service Arbitration Tribunal. His publication 'Representative Consultations with Specified Employees – or the Future of Rung Two' in *Legal Regulation of the Employment Relationship* is an analysis of how far recent regulations extending employee consultation rights are likely to afford trade unions opportunities for gaining members and obtaining recognition from employers.

Publication

'Representative Consultations with Specified Employees – or the Future of Rung Two', in H Collins (ed.), *Legal Regulation of the Employment Relationship*. The Hague, The Netherlands: Kluwer Law International, 2000.

Kenneth Macdonald (Faculty Fellow) has returned to work on the replicable/particular goods distinction, and found it both richer in implication and more intractable than he had supposed, though he remains optimistic. Another return to an earlier concern, the social organisation of information, produced an attempt to think through the interconnections between space and information and move beyond 'virtual space' metaphors when estimating the consequences of information technology. In more quantitative vein, he has been working with Dr Frazer, New College, reanalysing data on political knowledge, and in particular attempting to disaggregate and account for the consistently observed gender gap in knowledge levels. A by-product of this has been critical commentary on the concept and measurement of 'political knowledge'.

Publication

'Use and Valuation: Information in the City', *Urban Studies*, 37, 2000.

Iain McLean (Official Fellow) delivered two book manuscripts to their publishers, and continued with policy-oriented research on UK devolution and on electoral systems.

The manuscript of *Aberfan: Government and Disasters* (Iain McLean and Martin Johnes) was delivered in January. The book will be published on 21 October 2000, the anniversary of the disaster. This work continued to get widespread publicity. The ESRC End-of-Award report on the part of the work

that they funded was graded 'Outstanding'. The manuscript of *Changing Directions: rhetoric and manipulation in British politics since 1846* was delivered to the publisher in May for publication early in 2001.

Policy work was again mostly about UK constitutional matters, especially devolution. He was not shortlisted for the directorship of the ESRC Programme on Devolution and Constitutional Change, whose programme specification he wrote (see last year's report), nor for a project in the first wave of the programme. However, he continued with unfunded research on devolution, especially on the consequences of the Barnett Formula on regional public spending. He addressed both the Election Commission of India and the National Electoral Commission of Colombia on the principles of delimitation of parliamentary constituencies and on issues in party funding.

A project, begun last year, with C List (Nuffield) and J Fishkin and R. Luskin (both University of Texas), produced encouraging results. It was aired at two conferences, the second being a panel he organized at the American Political Science Association, and will be submitted to a leading US political science journal. It tests whether Fishkin's 'deliberative polls' tend to make opinion more structured or more chaotic. It finds that, overwhelmingly, they make it more structured. However, in the Australian constitutional referendum of November 1999, deliberation changed the panel's opinion from strong support for an elected president to strong support for a president nominated by a 2/3 majority of each house of parliament. As the rest of the Australian public did not come round to supporting this proposition, the monarchy survived.

He again convened a seminar in College (with S Wood, Magdalen College) on 'Political Economy'.

Publications

The Legend of Red Clydeside, 2nd edition with new introduction. Edinburgh: John Donald. 1999.

(with A Heath, B Taylor and J Curtice), 'Between First and Second Order: A Comparison of Voting Behaviour in European and Local Elections in Britain', *European Journal of Political Research*, 35, 1999.

(with C Bustani), 'Irish Potatoes and British Politics: Interests, Ideology, Heresthetic, and the Repeal of the Corn Laws', *Political Studies*, 47, 1999.

'Wellington and the Corn Laws 1845—6: A Study in Heresthetic' in C Woolgar (ed.), *Wellington Studies III*. Southampton: Hartley Institute, 1999.

(with M Johnes), 'The Aberfan Disaster Archive: Project Report', *Llafur*, 3-4 (double issue), 1999.

'The Divided Legacy of Mancur Olson', *British Journal of Political Science*, 30, 2000.

'A Fiscal Constitution for the UK', in S Chen and T Wright (eds.), *The English Question*. London: Fabian Society, 2000.

'Getting and Spending: Can (or Should) the Barnett Formula Survive?', *New Economy*, 7, 2000.

'Condorcet Theorems' and 'Paradoxes of Voting' in Richard Rose (ed.), *The International Encyclopedia of Elections*. Washington, DC: CQ Press, 2000.

Gordon Marshall (Official Fellow) is on leave of absence while he holds the post of Chief Executive of the Economic and Social Research Council.

Publications

(with A Swift, D Routh and C Burgoyne) 'What Is and What Ought to Be: Popular Beliefs About Distributive Justice in Thirteen Countries',

European Sociological Review, 15, 1999.

(with A Swift) 'Wesolowski, Walzer, and the Complex Good of Education', in A Jasinska-Kania, M L Kohn and K M Slomczynski (eds.), *Power and Social Structure: Essays in Honor of Wlodzimierz Wesolowski*.

Warsaw: Wydawnictwa Uniwersytetu Warszawskiego, 1999.

(with A Swift) 'On the Meaning and Measurement of Inequality', *Acta Sociologica*, 42, 1999.

Richard Mayou (Professorial Fellow) continues to try and persuade a sceptical medical world that the psychological and social consequences of physical symptoms and physical conditions are substantial and that psychological and psychiatric treatments could substantially improve outcomes as well as reducing the overall use of healthcare resources. His interests cover heart disease, chest pain and palpitation, diabetes and the psychological consequences of road traffic accidents.

His cardiac interests currently centre on the two very frequent presenting complaints of chest pain and palpitation which are usually not attributable to major heart disease but are often associated with distress, worry about heart disease and limitation of activity. Straightforward medical reassurance is often ineffective but Oxford studies have shown that psychological interventions can be effective. He is about to start a new pilot project applying research findings over recent years to all patients presenting with chest pain in Northampton General Hospital. It is hoped that simple but precise changes in diagnostic assessment and immediate treatment can be incorporated in routine care and will lead to improved outcomes for those with and without heart disease.

Research on consecutive attenders at the hospital emergency department in Oxford following a road accident has shown that although over 80 per cent of injuries are medically minor, around half of people suffer continuing physical symptoms and psychological complications (anxiety and depression, post-traumatic stress disorder, phobic anxiety about travel). These consequences are largely unrelated to the nature of the injury and appear to be determined by the meaning of the accident and by later psychological and social factors. Other research has recently been shown that consequences for children are similar to those for adults and that, in addition, there is very marked distress for families. It has also shown that widely used immediate 'debriefing' is probably harmful and further research is directed towards more effective interventions that would be feasible with large numbers of people.

He completed his year of office as the University Assessor in March; a remarkable number of official events (mostly involving lunch or dinner) enabled a very close view and involvement in University business at a time of very major reorganization as well as a succession of financial and other uncertainties and threats. At the outset of the year it had seemed uncertain

whether the democratic University had the resolve to change long-established procedures, but changed they were with little dissent. The implications of reorganization together with new approach to resource allocation from October 2001 will have far-reaching consequences. The University is now much better able to assert and fulfil both traditional and new objectives. There is clear evidence that it is becoming more sophisticated and aggressive in dealing with an outside world which often has little understanding of the educational and economic needs to encourage an international research university whose 'brand name' (to quote the Vice-Chancellor) still commands great respect.

Publications

- (with D Springings and T Gilbert) 'Patients with Palpitations Referred for 24-Hour ECG Recording', *Journal of Psychosomatic Research*, 46, 1999.
- (with P Mills) Editorial: 'Hearts and Minds', *Heart*, 82, 1999.
- (with M Hotopf, M Wadsworth and S Wessely) 'Childhood Risk Factors For Adult Medically Unexplained Symptoms; Results from a National Birth Cohort Study', *American Journal of Psychiatry*, 156, 1999.
- (with J Chambers and C Bass) Editorial. 'Non-cardiac Chest Pain: Assessment and Management', *Heart*, 82, 1999.
- (with M Hotopf, M Wadsworth and S Wessely) 'Psychosocial and Developmental Antecedents of Chest Pain in Young Adults', *Psychosomatic Medicine*, 61, 1999.
- (with K S Bryden, A N Neil, R C Peveler, C G Fairburn and D B Dunger) 'Eating Habits, Body Weight and Insulin Misuse – A Longitudinal Study of Teenagers and Young Adults with Type 1 Diabetes', *Diabetes Care*, 22, 1999.
- (with F J Huyse, T Herzog, A Lobo, *et al*) 'European Consultation-Liaison Psychiatric Services: the ECLW Collaborative Study', *Acta Psychiatrica Scandinavica*, 101, 1999.
- (with M Hotopf, C Wilson-Jones, M Wadsworth and S Wessely) 'Childhood Predictors of Adult Medically Unexplained Hospitalizations. Results from a National Birth Cohort Study', *British Journal of Psychiatry*, 176, 2000.
- (with D Gill, D R Thompson *et al*) 'Depression and Anxiety as Predictors Of Outcome after Myocardial Infarction', *Psychosomatic Medicine*, 62, 2000.
- (with A Ehlers and M Hobbs) 'Psychological Debriefing for Road Traffic Accident Victims. Three-Year Follow-Up of a Randomized Controlled Trial', *British Journal of Psychiatry*, 176, 2000.
- 'Research as a Basis for Clinical Care', *Journal of Psychosomatic Research*, 48, 2000.
- 'Improving Outcome for Patients with Non-cardiac Chest Pain', *Cardiovascular Reviews and Reports*, 21, 2000.
- (with F Huyse, T Herzog, A Lobo, *et al*) 'European Consultation-Liaison Services and their User Populations: The European Consultation-Liaison Workgroup Collaborative Study', *Psychosomatics*, 41, 2000.

Margaret Meyer (Official Fellow) continued research on the internal organization of firms and the economics of incentives, information, and

contracts. With Christopher Avery (Harvard), she pursued a project entitled 'Designing Hiring and Evaluation Procedures when Evaluators are Biased'. This work concerns organizations or markets where decisions are based on recommendations by informed, but potentially biased, evaluators. A central concern is to analyze to what extent biased evaluators are disciplined by the knowledge that decision makers will use their current evaluations to decide how much to rely on their advice in the future. This research was presented at CEPR, UCL, Bristol, Oxford, LSE, Paris, and as an invited lecture at the First World Congress of the Game Theory Society in Bilbao.

With Alessandro Lizzeri (Princeton and NYU) and Nicola Persico (Pennsylvania), she pursued a project entitled 'The Incentive and Sorting Effects of Interim Performance Evaluations'. In many organizations, important promotion decisions (e.g. to partnership) are preceded by several periods during which employees' performance is evaluated, and the organization faces a choice about how much information to reveal to employees about their evaluations. The research examines the effects of revealing interim evaluations, on the employees' effort incentives and on the quality of the organization's promotion decisions. This work was presented at the European Summer Symposium in Economic Theory (ESSET) at Gerzensee.

She is a member of the Council of the Royal Economic Society and the editorial board of the *Review of Economic Studies*. She organized this year's ESSET at Gerzensee.

David Miller (Official Fellow) did further research on problems of justice within and between nations. In particular, he examined principles for allocating responsibility when agents suffer from harm or injustice. This required intensive reading in unfamiliar fields, especially tort law. A related question is how responsibility can be assigned to collective entities such as nations. The aim is to try to develop a theory of international justice that is not simply a blown-up version of domestic social justice, but at the same time explains and defines the responsibilities of rich nations to poor nations.

Editorial work occupied a fair amount of time this year. A book on *Boundaries and Justice*, explaining what different ethical traditions, secular and religious, have to say about national boundaries, and related issues such as migration and secession, was put into final shape. As well as serving on the editorial boards of the *British Journal of Political Science*, the *Journal of Political Philosophy* and *Nation and Nationalism*, he became, in January, an Associate Editor of *Ethics*, arguably the leading American journal of moral and political philosophy. Altogether this requires a considerable amount of manuscript reading and administration. He also continued to edit the book series *Oxford Political Theory* for Oxford University Press: two new volumes were published this year.

Lecturing activities included giving key-note speeches at an international conference in Tallinn on 'Cultural Pluralism in Estonia: Policies and Solutions' and at the annual Brave New World conference in Manchester for graduate students in political theory. In July former students came to Nuffield for a conference examining his recent work on social justice, nationality and democracy.

Publications

Citizenship and National Identity. Cambridge: Polity, 2000.

‘Citizenship: What Does it Mean and Why is it Important?’, in N Pearce and J Hallgarten (eds.), *Tomorrow’s Citizens*. London: IPPR, 2000.

‘Les dues cares del nacionalisme’, in M Guiberneau (ed.), *Nacionalisme*. Barcelona: Proa, 2000.

John Muellbauer (Official Fellow) Work continued on the ESRC-supported project (held jointly with David Hendry) ‘Modelling Non-Stationarity in Economic Time Series’ and on the Department for International Development project (with Janine Aron) on ‘Monetary Policy and Medium Term Growth in South Africa’. A new inflation forecasting model for South Africa was developed with a very different structure from traditional models, and which seems particularly successful in explaining some of the longer run-features of the data. This model attracted considerable interest when presented at the South African Reserve Bank which has recently adopted inflation targeting. The project entailed a visit to the University of Stellenbosch to work with one of our collaborators, Professor Ben Smit, who directs South Africa’s leading macroeconomic research bureau. The capacity-building element of the project saw the respective heads of modelling at the Reserve Bank and the Department of Finance visit Oxford for several weeks each.

A number of papers with Gavin Cameron were completed, including papers on regional labour markets and regional housing markets, mortgage possessions and the reform of council tax. The latter and our paper on why the Office of National Statistics data on regional incomes had overstated incomes in some of the poorer regions, possibly losing EU funding, received considerable media attention. Several other projects with Gavin are still being pursued. One innovation with Gavin Cameron has been to produce the website ‘www.housingoutlook.co.uk’ which brings some of our research into the public domain in a form accessible also to non-economists.

Seminar and conference presentations included talks at the Bank of England, the World Congress of the Econometric Society in Seattle, an Oxford Economic Forecasting conference, and at the Universities of York and Oxford.

Publications

(with Gavin Cameron) ‘Earnings Biases in the UK Regional Accounts: Some Economic Policy and Research Implications’, *Economic Journal*, 110, 2000.

(with Janine Aron) ‘Personal and Corporate Saving in South Africa’, *World Bank Economic Review*, 14, 2000.

(with Gavin Cameron) ‘Five Key Council Reforms and Twelve Reasons to Enact Them’, *New Economy*, 7, 2000.

(with Duncan Maclennan and Mark Stephens) ‘Asymmetries in Housing and Financial Market Institutions and EMU’, revised and extended version in Tim Jenkinson (ed.), *Readings in Macroeconomics*. Oxford: Oxford University Press, 2000.

Karma Nabulsi (Prize Research Fellow) spent part of the year in the departmental archives of Doubs and Rhone; the municipal archives at Besançon and Lyon; the *Archives Nationales*, the Polish library archives and those of the Police in Paris; and various Swiss cantonal archives. She was on the trail of several Polish and Italian exiled republican soldiers and political activists, their secret societies of the 1830s, and the links and cross-pollination of ideas between them and other European republicans of the period who were attempting to construct republics on the continent through war. Much time was spent in administering a British Academy grant which provided for four research assistants to track down documents in the archives of Poland, Germany, Switzerland, and Italy. The almost exclusive employment of Nuffield graduate students in this endeavour illustrates the benefits of the College maintaining a European profile.

She gave a paper entitled 'Statebuilding' at a conference *Women in Palestine*, convened in Gaza City, where she detailed the extensive networks (both public and secret) which developed in the late 1970s and 80s between Palestinian and British (Labour) women politicians, as well as women politicians from a broad spectrum of parties on the left in Europe and the African and Latin American national liberation movements. She was the discussant on the subject of conceptual frameworks for non-contemporary wars at a colloque *La guerre entre le local et le global: sociétés, états, systèmes* at the Institut des Etudes Politiques, co-organized with the Foreign and Defence Ministries at Paris; gave a paper on the 'Virtues of Republican War' at the conference *Republicanism*, co-sponsored by the Maison Française and Nuffield; and co-authored a paper (as part of a collective enterprise) at the Nuffield political theory workshop.

She was commissioned by the newly established *Fundacion per la Paz* at Colombia to write two extended papers. The first was on the historical and legal status of belligerency; the second on more practical applications of international humanitarian law to the current civil war, and its potential uses as an instrument of conflict resolution in the peace process. She was Special Advisor to an all-party Parliamentary Commission on Palestinian Refugees, and organised a workshop for the Commission which was co-hosted by Nuffield, Balliol, and St Antony's Middle East Centre. She finished one of the papers on the 1870 war she had begun writing with Vincent Wright last spring, entitled 'La guerre à outrance' which will appear in *The Jacobin Legacy in Modern France: Essays in Honour of Vincent Wright* edited by Sudhir Hazareesingh, to be published by OUP. The book is a tribute (mainly by French scholars) to the remarkable contribution Vincent Wright made to the political and administrative history of 19th-century France.

She won a Jean Monnet Fellowship for 2000-2001 in the History Department at the European University Institute, and is grateful to the Warden and Fellows of the college for granting her 10 months leave. This past year she co-ran two university core seminars for the Centre for International Studies, the MPhil thesis research seminar, and the DPhil thesis Research seminar. She also relaunched, with Marc Stears and Francisco Gonzalez Gonzalez, the Nuffield tea-time research workshop: 'Scholars as Practitioners'. As the least numerate Fellow at Nuffield, she much enjoyed the constant invitations to be Returning Officer for various staff and JCR elections.

Publications

- 'Evolving Conceptions of Civilians and Belligerents', in S Chesterman (ed.), *100 Years After The Hague: Global Wars in Local Contexts*. The International Peace Academy and Carnegie Foundation. New York: Lynne Rienner, 2000.
- (with Sudhir Hazareesingh) 'The Ambivalent Jacobin: Vincent Wright as an Historian of Modern France', *Modern and Contemporary France*, 8, 2000.
- (with Sudhir Hazareesingh) 'Le Jacobin Ambivalent', *Revue Française d'Administration Publique*, 96, 2000.

Bent Nielsen (Non-stipendiary Research Fellow) continued working on the ESRC project 'Modelling Non-stationarity in Economic Time Series' (with D F Hendry, J N J Muellbauer, J A Doornik and G Cameron). He worked on cointegration tests for unstable processes. This is of interest for empirical analysis of monetary variables for hyper inflationary economies (with K Juselius and Z Mladenovic). He also finished a paper on cointegration tests in the presence of structural breaks. This can be used for analysing macroeconomic variables changing with shocks to commodity prices or economic policies (with S Johansen and R Mosconi). A paper on the bias of cointegration estimators was also completed (with J Doornik and T J Rothenberg).

He presented papers at the Department of Statistics University of Århus; Econometrics Workshop Copenhagen; ESRC study group in econometrics, Bristol; Department of Statistics, University of Stanford; Econometric Society's World Congress, Seattle.

Publication

- (with A Rahbek) 'Similarity Issues in Cointegration Models', *Oxford Bulletin of Economics and Statistics*, 62, 2000.

Volker Nocke (Prize Research Fellow) successfully passed his viva at the London School of Economics, only a few days after his arrival at Nuffield. In his home country, people now call him *Herr Doktor*. Much of his first year in Oxford, he spent refereeing other people's papers (not least for the partly Nuffield-based *Review of Economic Studies!*), revising his own work, and teaching a graduate course on *Topics in Industrial Market Structure*. He revived a half-forgotten Oxford institution by organising a new seminar series in I.O., the Oxford Industrial Economics Workshop.

Most of his effort was devoted to two new research projects. The first one (joint with Marcus Asplund of the Stockholm School of Economics) is motivated by the empirical regularity that industries differ greatly in the level of firm turnover, and that entry and exit rates are positively correlated across industries. The aim of the project is to relate the level of firm turnover to observable industry characteristics. The main prediction of the theoretical model is that large markets are more turbulent than smaller ones, and firms are on average more efficient in larger markets. The authors set out to test the predictions of the model using Swedish data on local services. The second project (joint with Martin Peitz of the University of Frankfurt) considers the

effects of consumers' time-inconsistency (hyperbolic discounting) in the presence of secondary markets for durable goods. A new project (with Lucy White of Nuffield College) is planned on the links between financial constraints and the dynamics of industry evolution.

He presented his work in research seminars at the Universities of Birmingham, Alicante, Munich, Warwick, and at University College London. Moreover, he gave papers at the ESRC Research Seminar in Game Theory (Kenilworth), the IUI/CEPR Workshop on Competition and Mergers (Stockholm), the Workshop on Applied Industrial Organization (Stony Brook), the CEPR European Summer Symposium in Economic Theory (Gerzensee), the World Congress of the Econometric Society (Seattle), and at the Annual Conference of the European Association for Research in Industrial Economics (Lausanne).

Avner Offer (Professorial Fellow). This year's publications are almost a farewell to the British Empire and to the First World War. Current work is devoted entirely to the relation of affluence and well-being. One result is a discussion paper available on <http://www.nuff.ox.ac.uk/Economics/History/> on the measurement of welfare. This reported strongly diminishing marginal welfare returns in most countries above levels of income of around \$3,500 US 1980 per head, whatever the method used, both in cross section and over time. Another finding in the same paper underscores the importance of relative income (i.e. social status) for subjective well-being. In a comparison of 35 countries in the early 1990s, very large absolute differences in national income per head did not bear any significant relation to reported subjective well-being scores, while in contrast, rather small domestic differences in relative income had a strong statistical significance. This paper will be published shortly. The other main effort this year, an investigation of time preference in relation to public investment and private consumption in the long run, is proving more difficult to complete. Some work has gone into a paper on crime, and a paper on body weight and self-control has been accepted for publication.

This year's report is also a farewell to Nuffield, to years of intellectual stimulation, and to the most congenial and rewarding of scholarly communities. A foretaste of the future was provided in the form of administrative and auditing demands, which claimed an inordinate effort. This reached its grotesque climax in the so-called transparency exercise, which required its participants (Oxford University staff) to attribute every hour of a working week to one out of 35 different categories, often identified opaquely by acronyms. This will be repeated four times within a year. The accuracy of the information thus obtained (up to two months in arrears) can well be imagined. No doubt these data will be taken through sophisticated multivariate analysis, and used for policy formation.

Dr Offer was elected to the Chichele Chair of Economic History in December, and to the British Academy in July. Conference and seminar papers were presented at the European Economic History Conference in Lisbon, at Carlos III University in Madrid, at the London School of Economics, at a joint conference with the Consumer Association and the

Office of Fair Trading at Nuffield, and at the Economics of Happiness Conference, which also took place at Nuffield.

Publications

‘Costs and Benefits, Prosperity and Security, 1870-1914’, in Andrew Porter (ed.), *Oxford History of the British Empire*, vol. 3, *The Nineteenth Century*. Oxford: Oxford University Press, 1999.

‘The Blockade of Germany and the Strategy of Starvation, 1914-1918: An Agency Perspective’, in Roger Chickering and Stig Förster (eds.), *Great War, Total War: Combat and Mobilization on the Western Front, 1914-1918*. New York: Cambridge University Press, 2000.

Richard O’Leary (Prize Research Fellow) continued his work on both religion and minorities. He presented papers in Chicago, Flensburg (Germany), Oxford, Bath and Warwick. He left Nuffield in January to take up a lectureship in sociology at Queen’s University, Belfast. He returned briefly in April to co-organize with Alasdair Crockett a weekend symposium on ‘Modernization and Religious Change: Processes and Patterns in the Western World’. The contributors included international experts and the papers presented are currently being edited for publication in book form.

Publications

‘Religious Intermarriage in Dublin: The Importance of Status Boundaries between Religious Groups’, *Review of Religious Research*, 41, 2000.

‘Inter-Church Communion: The Divergence of Doctrine and Practice’, *Studies*, 89, 2000.

Clive Payne (Faculty Fellow). Following Gordon Marshall’s example in last year’s report he kept track of the number of days he was able to spend time doing research. This turned out to be the princely total of four. Major new activities which took his time included preparing for the departmentalization of politics and sociology in the University and the forthcoming QAA visitation in politics and setting up and running a new IT course for second year PPE students. These were in addition to his regular duties involved in running the Computing and Research Support Unit in the Social Studies Faculty, being Senior Tutor in the College and being an Editor of the *Statistics in Society* journal of the Royal Statistical Society.

Nevertheless he did have a little time for some other academic activities. These included: doing the BBC election-night forecast for the London Mayor and Assembly (with David Firth); visiting Pakistan on a British Council sponsored consultancy to advise on setting up a web-based database to monitor elections; making a minor contribution to the work of a team from the Department of Social Work and Social Policy which developed new indices of deprivation for wards and districts in the UK for the DETR; co-organising a conference on the evaluation of social and economic policies at the Royal Statistical Society; and giving seminars to the Royal Statistical Society’s South West group and the University of Hertfordshire.

Publications

(with A Heath) 'Social Mobility', in A Halsey and J Webb (eds.), *Twentieth-Century British Social Trends*. Basingstoke: Macmillan Press Ltd, 2000.

(joint Editor) *ASC99: Proceedings of the Third ASC International Conference*. Chesham: Association for Survey Computing, 1999.

(with M Noble and others) Indices of Deprivation 2000, *Regeneration Research Summary No. 31*, Department of Environment Transport and Regions, 2000.

Jeremy Richardson (Professorial Fellow) has continued in his post as Director of the University's Centre for European Politics, Economics and Society (CEPES) and teaches two core classes on the M Phil in European Politics and Society. The Centre has expanded during the past year through the arrival of two Marie Curie Post-doctoral Fellows, funded by the European Union, and a new Lecturer in German Politics, funded by DAAD.

Professor Richardson is Chair of the Examiners for the M Phil in European Politics and Society, Chair of the Politics Graduate Studies Committee, and a member of the following committees of the new Department of Politics and International Relations – General Purposes Committee; Research Committee; Research Assessment Exercise (RAE) Committee. Externally he has been appointed as a consultant to the Environment Agency and an expert evaluator with the European Commission. He has continued to edit the *Journal of European Public Policy*, now in its seventh year, and edits a book series on European public policy for Routledge. His main research interests are (1) the European Union policy process; (2) comparative public policy; (3) British public policy; (4) Swedish policy making. During the past academic year he completed editing the second edition of his textbook *European Union: Power and Policy Making*, to be published by Routledge in 2001; editing *Swedish Governance Under Pressure*, to be published by Edward Elgar 2001, and an article on interest groups and policy change, to be published in *Political Studies* later this year. With Dr Geoffrey Dudley (an Associate Member of the College) he also completed *Why Does Policy Change? Lessons from British Transport Policy 1945-99* to be published by Routledge, London, later this year. Also with Dr Dudley he completed editing the steel section of a comparative study of *Success and Failure in Governance*, to be published by Edward Elgar early in 2001. Several chapters on lobbying in the EU were completed with Dr Sonia Mazey (an Associate Member of the College) most of which will be published in 2001, and work on the (delayed!) book with Laura Cram (Strathclyde) on policy styles in the EU has continued, as has work with Dr Mazey on the (delayed!) book on lobbying in the EU.

Publications

'Interest Groups, Multi-Arena Politics and Policy Change', in Stuart S Nagel (ed.), *The Policy Press*. New York: Nova Science Publishers, 1999.

(with William A Maloney and Wolfgang Rüdig) 'The Dynamics of Policy Change: Lobbying and Water Privatization', in Vincent Wright and Luisa Perrotti (eds.), *Privatization and Public Policy*. Cheltenham: Edward Elgar, 2000.

‘Policy Making in the EU: Familiar Ambitions in Unfamiliar Settings’, in Anand Menon and Vincent Wright (eds.), *From Nation States to Europe? Festschrift for J E S Hayward*. Oxford: Oxford University Press, 2000.

(with Paul F Whiteley, Patrick Seyd and Paul Bissell) ‘Thatcherism and the Conservative Party’, in Patrick Dunleavy, P J Kelly and Michael Moran (eds.), *British Political Science: Fifty Years of Political Studies*. Oxford: Blackwell (2000 (reprinted from *Political Studies*, 42, 1994).

Kevin Roberts (Professorial Fellow) continued to work on a project, joint with Leonardo Felli, looking at the extent to which competition can help to reduce the inefficiencies that result from the so-called hold-up problem. The hold-up problem relates to situations where investments must be made prior to contracting with another party and the surplus made possible by the execution of the contract is dependent upon the level of investment. If these gains are shared between these two parties then the incentive to maximize surplus net of investment is blunted and inefficiencies arise. A paper looking at investment by participants on one side of a market has been published and research has concentrated on a core market situation where both buyers and sellers invest prior to contracting. This work has been presented at a number of venues from Oxford to Siena (and from London to Seattle and Stanford by Leonardo Felli).

He also continued to work on dynamic voting, looking at situations where voting decisions influence the composition of future electorates. In addition, he revived an interest in optimal nonlinear income taxation and completed the revision of a paper on this topic.

Administrative duties included serving on three fellowship appointment committees within College and four committees for appointments in other colleges. He continued as a member of the editorial board of *Oxford Economic Papers* and joined the *Economic Journal* as an associate editor.

Publications

(with Leonardo Felli) ‘Competition and Hold-ups’, in A B Atkinson, H Glennerster and N Stern (eds.), *Putting Economics to Work: Volume in Honour of Michio Morishima*. London: STICERD, 2000.

Patrick Schmidt (Research Fellow). During the past year, Schmidt, a research fellow at the Centre for Socio-Legal Studies, continued his research into the behaviour of lawyers as representatives of private interests in administrative politics. Concentrating on legal interaction in United States contexts, especially occupational safety and health and securities law, he has been developing an account of administrative networks which emphasizes the reflexive impact of law and legal norms on the interdependent relationship of public and private actors. Related and continuing work with Elizabeth Fisher (Corpus Christi College) examines how the networked nature of administrative politics affects the political and legal legitimacy of settlements to rulemaking litigation, with attention to the failure of reforms (such as

negotiated rulemaking) to effect similar compromises and resolve disputes short of litigation. In April, he organized the 'Lawyers and Legal Work' stream at the annual meeting of the Socio-Legal Studies Association in Belfast and presented research suggesting how the dynamics of administrative rulemaking are shaped by the incentive structure facing attorneys for management and labour interests in the US. This research shows how, given the need to prepare for possible litigation, both lawyer and nonlawyer participants in 'informal rulemaking' have adopted highly formalized methods of submitting evidence to the agency's record.

In a new project with Paul Martin (Cambridge University), Schmidt has conducted primary research into the use of internet communications by US state supreme courts. Presented in August at the annual conference of the American Political Science Association in Washington, D.C., this research has involved content analysis of websites and written surveys of court webmasters to suggest how the availability of new media may alter the role and incentives for judges as political actors.

Publication

'Let's (Not) Kill All the Lawyers: Corporate Regulatory Compliance and Attorneys' Divided Roles', *Business and Society Review*, 105, 2000.

Francis Seton (Emeritus Fellow) completed his work on scissor crises and theoretical pricing, and continued his work on 'strategic monopoly' and 'partial immunity from competition' explained in last year's *Report*. He decided to retreat from the historico-empirical aspects of the problem adumbrated in the Report and to concentrate on stylised modelling more in keeping with the present state of knowledge of entrepreneurial history.

Publication

'Scissor Crises, Value-prices, and the Movement of Value-prices under Technical Change', *Structural Change and Economic Dynamics*, 11, 2000.

Byron Shafer (Professorial Fellow) organized and participated in the lecture series on 'Substance and Structure in American Political History' in Michaelmas Term, organized and convened the Senior Research Seminar in American Politics during Michaelmas and Hilary Terms, gave the lecture series on 'The Politics of Presidential Selection' in Hilary Term, organized and participated in the 'Graduate Workshop in American Politics' during Hilary Term, and organized the lecture series on 'Presidential Selection 2000: The Participants Speak' in Trinity Term. Both 'Substance and Structure' and 'Presidential Selection 2000' form the basis for subsequent edited volumes. Otherwise, he continued to pursue three book-length projects: *The Transformation of American Politics: Structural Change and Partisan Shifts in the Postwar Period*, with Richard Johnston; *Mapping the Political Landscape: Policy Positions and Social Coalitions in Postwar American Politics*, with Richard Spady; and *Public Wishes: Issue Evolution, Policy Preferences, and Voting Behavior in Postwar American Politics*, with William Claggett.

L J Sharpe (Emeritus Fellow). His contribution on the UK to *Comparing Public Sector Reform in Britain and Germany* (edited by H Wollmann and E Schroter, Aldershot: Ashgate 2000) was published. Two of his earlier papers ‘The Social Scientists and Policymaking: Some Cautionary Thoughts and Transatlantic Reflections’ and ‘Theories and Values of Local Government’, were re-published in R A W Rhodes (ed.), *United Kingdom, Vol II*, (Aldershot: Ashgate-Dartmouth).

Editorial work preparing a volume on the EU under the auspices of the European Consortium of Political Research continued.

Adam Sheingate (Prize Research Fellow) continued his work on agricultural policy. A recent paper employed the concepts of issue definition and venue change to explain why the United States and the European Union fluctuate in their capacity to reduce farm subsidies. Specifically, reform advocates must redefine the issue of subsidies in a manner that highlights the negative externalities associated with farm policy. In addition, politicians and policymakers must exploit opportunities to shift the institutional location of policy authority in agriculture away from those who benefit from the status quo. Opportunities for this kind of strategic venue change depend on a number of factors such as the condition of the agricultural economy and the degree to which policy jurisdictions are open to competition from various institutional actors. Other things being equal, institutions in the United States create more opportunities for jurisdictional competition and, therefore, strategic venue change than institutions in the European Union. This creates an environment more conducive to agricultural policy reform in the US than in the EU. In July, Dr Sheingate left Nuffield to become an Assistant Professor in the department of political science at Johns Hopkins University in Baltimore, Maryland, USA.

Publications

The Rise of the Agricultural Welfare State: Institutions and Interest Group Power in the United States, France, and Japan. Princeton: Princeton University Press, 2000.

‘Agricultural Retrenchment Revisited: Issue Definition and Venue Change in the United States and European Union’, *Governance*, 13, 2000.

‘Institutions and Interest Group Power: Agricultural Policy in the United States, France, and Japan’, *Studies in American Political Development*, 14, 2000.

Neil Shephard (Official Fellow). Neil Shephard’s work was mainly focused on two projects. First, he continued his long-term work with Ole Barndorff-Nielsen (Århus) which has led to the development of new and (we believe) realistic models of prices of speculative assets and associated derivatives. They are currently trying to write a book on this topic. Second, he worked on developing new econometric methods for dealing with transaction based data in equity and exchange rate markets. This raises some involved probability questions which are currently being addressed.

During the year he served as the head editor of the Royal Economic Society's *Econometric Journal*, as well as sitting on the editorial board of the *Review of Economic Studies* and *Biometrika*. He was awarded a three year ESRC grant entitled 'Econometrics of Trade-by-trade Price Dynamics' to continue his research on high frequency transaction based data.

He gave econometric seminar presentations at Duke University, Stockholm School of Economics, Tilberg, Tinbergen Institute (Amsterdam). He gave finance seminars at Barcelona, LSE, Imperial College and Stockholm School of Economics. He gave statistics departments seminars at Duke, Århus, Zurich and the SAS institute. He made conference presentations at the Cowles Foundation (Yale) conference on Time Series, the NBER Conference (Boston) on Market Microstructure, the Franco-Belgium conference (Brussels) on factor models, the EC-squared (Madrid) conference on financial econometrics, the Japanese Statistical Institute (Tokyo) meeting on advanced time series methods, the Bernoulli Society World Congress (Mexico), the European meeting on Spatial and Computational Statistics (Lancaster) and the World Congress of the Econometric Society (Seattle).

Publications

(with Siem Jan Koopman, A C Harvey and Jurgen A Doornik) *STAMP 6.0: Structural Time Series Analyser, Modeller and Predictor*. London: Timberlake Consultants Ltd, 1999.

(with Ole E Barndorff-Nielsen) 'Lévy Processes in Financial Economics and Turbulance', in Ole E Barndorff-Nielsen, Thomas Mikosch and Sid Resnick (eds.), *Lévy Processes – Theory and Application*. New York: Birkhauser, 2000.

(with Michael K Pitt). 'Auxiliary Variable Particle Filters', in A Doucet, J F G de Freitas and N J Gordon (eds.), *Sequential Monte Carlo Methods in Practice*. Cambridge: Cambridge University Press, 2000.

(with Tina Hviid Rydberg) 'A Modelling Framework for the Prices and Times Made on the New York Stock Exchange', in W J Fitzgerald, R L Smith, A T Walden and P C Young (eds.), *Non-Stationary and Non-Linear Signal Extraction*. Cambridge: Issac Newton Institute Series, Cambridge University Press, 2000.

Hyun Song Shin (Faculty Fellow) continued his collaboration with Stephen Morris of Yale University in extending the techniques of extracting a unique equilibrium in models of coordination failure. These techniques are readily applicable to many economic problems where, even if the fundamentals are sound, fear of pre-emptive action by others may sap confidence and precipitate actions that lead to a crisis. In April, Morris and Shin gave an invited paper at the NBER Macroeconomics conference entitled 'Rethinking multiple equilibria in macroeconomic modelling'. In August, they were invited to present a survey paper on this topic at the World Congress of the Econometric Society in Seattle, entitled 'Global Games: Theory and Applications'.

Publications

(with Stephen Morris) 'Risk Management with Interdependent Choice', *Bank of England Financial Stability Review*, 7, 1999, reprinted from *Oxford Review of Economic Policy*, Autumn, 1999.

'Approximate Common Knowledge in a Search Model' in P Hammond and G Myles (eds.), *Incentives, Organization and Public Economics: Papers in Honour of Sir James Mirrlees*. Oxford: Oxford University Press, 2000.

Richard Spady (Senior Research Fellow) spent the year working on three projects, with visible signs of progress (finally) on two. The first, modelling the interrelationships of the prices of US Treasury securities and all of their market traded options and futures, 'went live' in September, producing daily and (sometimes) hourly reports that purport to identify securities that are mis-priced. The second, the work with Byron Shafer that models the evolution of attitudes and voting behaviour in post-war America from survey data, has resulted in a contract from Harvard University Press for a book tentatively titled 'Mapping the Political Landscape.' And finally, he continued work with Guido Imbens (UCLA) on theories of efficiency in semiparametric estimation and their applications in hypothesis testing. This third line of work generated a working paper and a seminar at the University of Wisconsin.

In addition to these noble activities, Richard taught courses to graduate students in Oxford and undergraduates at Northwestern during the year. Perhaps not surprisingly, mutual appreciation ran higher in the former than in the latter.

Ran Spiegler (Prize Research Fellow) mainly worked on two theoretical problems in the field of procedural rationality. The first is a game-theoretic model of bargaining when bargainers are uncertain about each other's strategy. The strategic uncertainty motivates each bargainer to experiment with tough play, in order to test whether she can squeeze a concession from her opponent without making concessions herself. This creates excess delay in the bargaining process. The model obtains conclusions about stable patterns of tough and soft play that are likely to emerge in this situation, and lower and upper bounds on the amount of excess delay.

The second main project is an attempt to formalize an aspect of decision making which has been largely ignored by economic theory: the rhetorical, argument-based aspect of individual and collective choice. Certain choices (e.g. in political or intellectual debates) are made not because of 'raw' preferences or information, but because of greater rhetorical appeal. The problem is to formalize rhetorical, argumentative aspects of choice, using tools of economic theory. In a paper titled 'Pro Arguments, Con Arguments and Status Quo Bias in Multi-Issue Decision Problems' (Nuffield College Discussion Paper No. 2000-W13), he looks at a particular phenomenon in real-life debates: when people debate about a decision problem, they often make rhetorical use of infeasible alternatives. This is *a priori* not easy to reconcile with standard economic reasoning, according to which infeasible

alternatives are irrelevant to the decision problem. He constructs an argument-based model of choice which accommodates such an effect.

Publications

‘Extracting Interaction-created Surplus’, *Games and Economic Behavior*, 30, 2000.

Margaret Stevens (Research Fellow) completed a paper on policy approaches to under-investment in vocational training, when there is market failure arising both from imperfect competition in the labour market, and from capital market imperfections that limit the ability of trainees to invest. It is shown that policies such as that used in France, which require firms to spend some fraction of payroll costs on training, can alleviate under-investment of both types, but are first-best only in the case of capital market imperfections. This result contradicts the widespread assumption in the existing literature on training policy, that regulating training in this way is appropriate only when under-investment arises from externalities between firms.

She continues to work on the use of general equilibrium search and matching models for the analysis of wage determination and labour contracts. As part of this project, she is currently studying the use of contracts specifying redundancy pay, and the implications of labour market regulations requiring firms to provide job security. Another aspect of this work is the exploration of incentives for investment in different types of human capital in the presence of labour market frictions.

She presented her work at seminars in Oxford, Manchester, and the Tinbergen Institute, Amsterdam. She is an editor of the *Oxford Bulletin of Economics and Statistics*.

Alec Stone Sweet (Official Fellow). His interests are in the fields of comparative law and politics, European integration, and international relations. He published a book on constitutional politics in France, Germany, Italy, Spain, and the European Union and sent a manuscript to press (*The Institutionalization of Europe*, Oxford University Press). *The Alec Stone Sweet and Thomas L. Brunell Codebook and Data Set on Preliminary References in EC Law, 1958-98*, were mounted on the Web, at sites at Nuffield College (Stone Sweet’s homepage) and at the Robert Schuman Centre for Advanced Study, the European University Institute. During the 1999-2000 academic year, he gave invited presentations in departments of political science, economics, law, and sociology at universities in Santiniketan (Bengal), Stockholm, Oslo, Leiden, Siena, Florence, Paris, and Berkeley.

Publications

Governing with Judges: Constitutional Politics in Europe. Oxford:Oxford University Press, 2000.

‘The European Court, National Judges, and Legal Integration: A Researcher’s Guide to the Data Set on Preliminary References in EC Law, 1959-98’, *European Law Journal*, 6, 2000.

Jon Temple (Research Fellow) continued his research on economic growth. In particular, he sought to extend standard frameworks to increase their relevance to poorer countries, by incorporating the reallocation of labour from agriculture to other sectors. The research explores the role of structural change in growth using calibration methods, regressions, growth accounting, and two sector growth models. Several papers are nearing completion, and were presented in preliminary form at the universities of Bristol, Kent, Leicester, North London, Tilburg and Warwick. The same ideas can be applied to the post-war growth of Western Europe, and especially the ‘Golden Age’ of rapid growth, 1950-73. A separate paper on this topic was presented at a growth conference in Barcelona in June.

This year also saw him take part in seminars and workshops related to policy questions. He attended a series of seminars at No.11 Downing Street, and became involved in the OECD’s new Growth Project. He was commissioned to write a survey on the growth effects of education and social capital, and participated as a speaker and discussant in two workshops at the OECD headquarters in Paris. Preparing the survey was useful background for a new paper on education and growth, presented in an invited session at the European Economic Association (EEA) conference in Bozen-Bolzano, Italy.

He continued to serve as an editor of the *Oxford Bulletin of Economics and Statistics*. He became a member of the RES Conference Programme Committee and a Research Affiliate of the CEPR, and was also appointed as an Associate Editor of the *Journal of Economic Growth*. In September, he returned briefly to Barcelona as a lecturer for the XIth EEA Summer School, on the sources of European growth.

Publications

‘A Positive Effect of Human Capital on Growth’, *Economics Letters*, 65, 1999.

‘Growth Regressions and What the Textbooks Don’t Tell You’, *Bulletin of Economic Research*, 52, 2000.

‘Inflation and Growth: Stories Short and Tall’, *Journal of Economic Surveys*, 14, 2000.

Federico Varese (Prize Research Fellow) delivered a book on the Russian Mafia to Oxford University Press and started collaborative work on corruption in Eastern Europe. A paper he co-authored with A Smith (‘Payment, Protection and Punishment: The Role of Information and Reputation in the Mafia’) appeared as Working Paper no. 3, Department of Sociology, Oxford University and is under review for a refereed journal. His essay ‘A Trans-national Russian Mafia? A case study of the Russian Mafia in Italy’ is due to appear in the proceedings of the conference ‘Transnational Organized Crime in the Global Century’, held at All Souls College in July.

He acted as referee for the Nuffield Foundation, the *American Political Science Review*, Oxford University Press and the Chevening Scholarship Committee. He presented research papers at Oxford, Yale, Florence, Birmingham and Geneva.

Publication

(with M Yaish) 'The Importance of Being Asked. The Rescue of Jews in Nazi Europe', *Rationality and Society*, 12, 2000.

Megan Vaughan (Faculty Fellow) holds a British Academy Research Readership (1999-2001) and is conducting research in Malawi on social identities in the eighteenth and nineteenth centuries, and the impact of the slave trade. She is also completing a book on creolization in eighteenth-century Mauritius. She gave lectures on this at the Universities of Malawi, California, Cambridge and London. She maintains an interest in the social history of medicine and in gender and history.

Publications

'Reported Speech and Other Forms of Testimony' *Journal of Historical Sociology*, August, 2000.

'Smallpox, Slavery and Revolution: Île de France in 1792', *Social History of Medicine*, September, 2000.

Chris Wallace (Prize Research Fellow) continued to work in the field of Evolutionary Game Theory and Adaptive Learning. A number of projects with colleagues at Nuffield College and within Oxford University were pursued. The third paper from a larger research agenda followed jointly with David Myatt of St. Catherine's College and the Department of Economics was released in working paper format in January: 'Dominated Strategies and Equilibrium Selection'. Dominated Strategies in games are much like irrelevant alternatives in standard choice theory. They are actions never chosen in equilibrium. Nevertheless, the paper demonstrates that although they would never be played in equilibrium they can affect which strategy would be. The importance of risk-dominance as a selection criterion in larger games is brought into question.

He presented this paper at the First World Congress of the Game Theory Society held in Bilbao in July. He also attended various other conferences and jointly hosted (with David Myatt) the ESRC Conference in Game Theory, held at St. Catherine's College in January this year.

A project with Ben Cooper on the evolution of altruism in groups is close to completion. Various analytical results have been obtained and simulations run to model the spread or decline of altruism in populations split into groups of individuals interacting together. Conditions under which altruism can survive in the long run are explored. One key result is that the level of altruism in the population can follow a cycle in which altruism never explodes or reaches extinction.

Publication

(with B Cooper) 'The Evolution of Partnerships', *Sociological Methods and Research*, 28, 2000.

Lucy White (Prize Research Fellow) has had a very busy year. She submitted her doctoral thesis at the beginning of the year and successfully defended it in January. She is now preparing several of the thesis chapters for publication.

She has started a new project on bank regulation, working with Alan Morrison at the Saïd Business School; and a new project with Volker Nocke (*q.v.*) on financial constraints and the life-cycle of industries. In conjunction with Volker Nocke and Paul Klemperer, Lucy has also been convening the new seminar series in industrial economics – which has attracted speakers such as Richard Khilstrom, Patrick Rey and John Roberts.

Lucy acted as a discussant at the TMR Meeting on Financial Market Efficiency, Corporate Finance and Regulation at the Universitat Pompeu Fabra in Barcelona and at the Exploratory Workshop on Bargaining at CODE, Universitat Autònoma de Barcelona. Seminar papers were presented at Oxford, IDEI in Toulouse, the Institut d'Anàlisi Econòmica (CSIC Barcelona), Ente Luigi Einaudi in Rome, CentER in Tilburg, the Econometric Society World Congress in Seattle, and the European Economic Association Meeting in Bolzano (where she was awarded the Young Economist Prize for joint work with Peter Eso of Northwestern).

Laurence Whitehead (Official Fellow) continued working mainly on various aspects of the comparative study of democratization, completing some old projects (on Bolivia and Chile) and starting some new lines of enquiry. The main areas of innovation concern comparisons between East Asia and Latin America, and the place of 'citizen security' within processes of democratization.

He was the co-ordinator of a large-cross-regional study of relations between the state, the market, and democracy in East Asia and Latin America. This was sponsored by the National Endowment for Democracy (Washington DC) and the Institute for National Policy Research (Taipei). The study began with an international conference held in Santiago (Chile) in November. Some of the collaborative research energy from this study is in the process of publication in the *Journal of Democracy*. In the wake of the financial crisis that hit East Asia in 1997/8 it is now possible to undertake a more balanced evaluation of the relative strengths and limitations of political development in these two large regions, with increased mutual recognition of their common problems. While in Santiago he also delivered the closing address to the sixth congress of the Chilean Political Science Association on the topic of 'The Place of Chile in the Comparative Study of Democratization', based on his contribution to a book launched simultaneously with the congress.

The work on 'citizen security' is more narrowly focused, and at an earlier stage of development. The initial focus is El Salvador, where he undertook preliminary interviews and data collection in February. This will lead to a research conference to be held in Oxford in January of 2001, which is intended to produce recommendations for subsequent presentation to the Salvadoran authorities. The Foreign Office has lent support to this initiative, which takes up the clause in the College statutes enjoining collaboration between academic and non-academic persons in the study of social problems. The central idea is that whatever their other characteristics and achievements, new democracies will not become stable and legitimate unless they can deliver tangible benefits in the area of citizen security. El Salvador provides a critical case, because performance in this area is finely balanced, and may be responsive to appropriate policy initiatives. But this is only one example of a

wider phenomenon, and preparations are under way to extend the same approach to Mexico and further afield.

In Mexico in February he delivered a public lecture on the democratization of civilian constitutional regimes. This was based on the 'paired comparison' of Colombia and Mexico that he has undertaken as part of the United National University comparative project on types of democratization in Latin America. His longstanding interest in Mexico has been reinvigorated by recent developments there. Among other initiatives, he chaired the first public debate ever held between the Presidents of the three main Mexican political parties (in LSE in February) and followed this up with an informal one day symposium on the Mexican election held at Nuffield Place.

His other longstanding research interest concerns the European Union's activities in the field of 'democracy promotion'. This year his main focus was on the 'enlargement' to the east, approved at the Union's Helsinki summit. He gave a paper on this subject at a panel he co-convened at the World Congress of Americanists in Warsaw in July, and will be following it up in Berlin and Budapest in the near future. He is also on the advisory board of an EU-funded project concerning democracy assistance to North Africa. He also gave conference papers at the Latin American Studies Association in Miami (March) and the International Political Science Association in Quebec City (August). With George Gray-Molina (Nuffield student) he also contributed to DFID sponsored work on the politics of pro-poor policies.

On the university side, this was his third and final year as member of the General Board. His main activity was as Chair of the Board's first ever review of the Pitt-Rivers Museum. In college, he completed his term as property bursar. In Cambridge, he completed his term as external examiner for the politics component of Part II of the Social and Political Sciences tripos. In LSE, he served as external examiner for the Master's in Development Studies. He continued as co-editor of the *Journal of Latin American Studies*, and as Oxford University Press series editor of *Oxford Studies in Democratization*.

Publications

- 'The Drama of Democratization', *Journal of Democracy*, October 1999.
- 'El lugar de Chile en los estudios comparados de la democratización', in Amparo Menéndez-Carrión *et al*, *La Caja de Pandora: El Retorno de la Transición Chilena*. Santiago: Planeta, 1999.
- 'The Politics of Expertise', *Revista de Economía Política*, 20, 2000.
- 'High Level Political Corruption in Latin America. A "Transitional" Phenomenon?', in Joseph S Tulchin and Ralph H Espach (eds.), *Combating Corruption in Latin America*. Baltimore: The Johns Hopkins University Press and Woodrow Wilson Center Press, 2000.
- 'The Enlargement of the European Union: A 'Risky' Form of Democracy Promotion', originally published in the *Central European Political Science Review*, 1, September, 2000.

Meir Yaish (Prize Research Fellow) returned to the college after a year in Israel where he held a lectureship in Sociology, and continued working in the area of social stratification and mobility. He is participating in a

comparative project on National Patterns of Social Mobility headed by Richard Breen, and has submitted for publication several chapters from his doctoral thesis. Yaish is also engaging in a number of projects on gender stratification and inequality. In February he presented in the college the results of a study (with Vered Kraus, University of Haifa) on changes over time in Israel's educational stratification, with emphasis on gender differences in this process. In May he presented to the RC-28 of the ISA the results of a study (with Vered Kraus, University of Haifa) on changes over time in the gender earnings gap in Israel. And in September he presented to the ECSR the results of a study (with Tally Katz-Gerro, Ben-Gurion University) on gender differences in the transition from tertiary education to work in Israel. Yaish also continued to work with Federico Varese on altruism and the rescue of Jews in Nazi occupation of Europe.

Publications

- 'Old Debate New Evidence: Class Mobility Trends in Israeli Society, 1974-1991', *European Sociological Review*, 16, 2000.
(with F. Varese) 'The Importance of Being Asked. The Rescue of Jews in Nazi Europe', *Rationality and Society*, 12, 2000.