## **ROBERT A HART**

### **CURRICULUM VITAE**

2, December, 2016

Division of Economics, Management School University of Stirling, Stirling FK9 4LA, Scotland.

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#### **EDUCATION**

BA (Hons) Economics (Liverpool University)
MA Economics (Liverpool University)

## PROFESSIONAL EMPLOYMENT

Lecturer (Economics), Department of Economics, University of Aberdeen, 1969/71, Joint Lectureship (Economics and Statistics), 1971/4; Lecturer (Economics), University of Leeds, 1974/5; Senior Lecturer (Economics), University of Strathclyde, 1976/9; Visiting Associate Professor (Economics), McMaster University, Canada, 1979/80; Senior Research Fellow, Science Center, Berlin, 1980/6; Professor of Economics, University of Stirling, April 1986 – January 2014; February 2014-present Professor Emeritus; (Head of Economics Department 8/86 to 9/91 and Head of the School of Management, 1991/4); Visiting Research Fellow, W E Upjohn Institute for Employment Research, Michigan, USA, 1990; Head of Economics, August 2007-June, 2009.

## **EDITORIAL ACTIVITIES**

Managing editor, <u>Scottish Journal of Political Economy</u>, May 2003 – May 2012 (Editor since 1998)

# **FELLOWSHIPS**

Fellow of the Royal Society of Edinburgh (2002-) IZA Research Fellow

## **RECENT RESEARCH GRANTS (since 2001)**

ESRC (2001), "Annualised hours' contracts", (with D N F Bell: £35,000)

NUFFIELD (2003) "British real wages over the business cycle?" (£5,100)

ESRC (2003) "War and Pay" (£20,000) [This work is rated 'outstanding' by ESRC]

ESRC (2004) "Wages and hours in British Engineering, 1926-1968" (£43,000) [Work in progress to 31/10/06]]

ESRC (2006) "An evaluation of UK engineering strikes between 1920 and 1970 (£74,000) [This covers the period 1/11/06 – 30/04/08]

ESRC (2008) "Long term labour market effects of male military conscription and female civilian conscription" (£40,000) [1/05/08 – 30/04/09]

ESRC (2009) "Real wages and the Great Depression" (£50,000) [1/08/09 – 31/07/10]

#### **CREATED DATA SETS**

Arising from ESRC Grants listed above for 2003, 2004 and 2006, Elizabeth Roberts and I have created two major data archives that are available on the ESDS website.

(with J E Roberts) "Employment, hours and wages in the Engineering Employers' Federation, 1914-1968", 2007, SN 5569.

(with J E Roberts) "Engineering strikes statistics for Engineering Employers' Federation companies, 1920-1970", 2008, SN 5841.

#### REFEREED JOURNAL ARTICLES

(with M Moro and J E Roberts) "Who gained from the introduction of free universal education in England and Wales?" Oxford Economic Papers, 2016, forthcoming.

"The rise and fall of piecework", IZA World of Labor, 2016,# 254.

(with J E Roberts) "Industrial composition, methods of compensation and real earnings in the Great Depression," <u>National Institute Economic Review</u> November 2013, R17-R29..

(with J E Roberts) "Real wage cyclicality and the Great Depression: evidence from British engineering and metal working firms." <u>Oxford Economic Papers</u>, 65, 2013, 197-218.

(with J Grenet and J E Roberts) "Above and beyond the call. Long-term earnings effects of British male military conscription in the post-war years." <u>Labour Economics</u>, 18, 2011, 194-204.

(with P J Devereux), "A good time to stay out? Strikes and the business cycle", <u>British</u> Journal of Industrial Relations, 49:S1, 2011, s70-s90.

(with P J Devereux) "Forced to be rich? Returns to compulsory schooling in Britain", <u>Economic Journal</u>, 120, 2010, 1345-1364.

(with Y Ma) "Wage-hours contracts, overtime working and premium pay", <u>Labour</u> <u>Economics</u>, 17, 2010, 170-179.

(with J Malley and U Woitek) "Real earnings and business cycles: new evidence" Empirical Economics, 37, 2009, 51-71.

(with Y Ma) "Wages, hours and human capital over the lifecycle", <u>Journal of Economics</u> and <u>Statistics</u>, 228. 2008, 446-464.

(with J Darby) "Wages, productivity, and work intensity in the Great Depression" <u>Southern Economic Journal</u>, 75. 2008, 91-103.

"Piece work pay and hourly pay over the cycle" <u>Labour Economics</u>, 15. 2008, 1006-1022.

(with P Devereux) "The spot market matters: evidence on implicit contracts from Britain" <u>Scottish Journal of Political Economy</u>, 54. 2007, 661 – 683 (Special Issue on Labour Contracts and Wages over the Cycle)

"Women doing men's work and women doing women's work:female work and pay in British wartime Engineering" <u>Explorations in Economic History</u>, 44, 2007, 114-130.

(with P Devereux) "Real wage cyclicality of job stayers, within-company job movers, and between-company job movers" <u>Industrial and Labor Relations Review</u>, 60, 2006, 105-119.

"Worker-job matches, job mobility and real wage cyclicality" <u>Economica</u>, 73, 2006, 287-98.

"General human capital and employment adjustment in the Great Depression: apprentices and journeymen in UK engineering", <u>Oxford Economics Papers</u>, 57, 2005: 169-89.

(with D Bell) "Wages, hours, and overtime premia: evidence from the British labor market", <u>Industrial and Labor Relations Review</u>, 56, 2003: 470 - 480.

"Overtime working, the Phillips curve, and the wage curve: British engineering, 1926-1966", Manchester School, 71, 2003, 71: 97-112.

(with D Bell) "Annualised hours contracts: the way forward in labour market flexibility?", National Institute Economic Review, 2003: 64-77.

"Hours and wages in the Depression: British engineering, 1926-1938", <u>Explorations in Economic History</u>, 38, 2001: 478-502.

(with J Darby and M Vecchi) "Wages, work intensity and unemployment in Japan, UK and USA", Labour Economics, 8, 2001: 243-258.

(with J Darby and M Vecchi) "Labour force participation and the business cycle: a comparative analysis of France, Japan, Sweden and the United States", <u>Japan and the World Economy</u>, 13, 2001: 113-133.

(with J Malley) "Marginal cost and price over the business cycle: comparative evidence from Japan and the United States", <u>European Journal of Political Economy</u>, 16, 2000: 547-569,

(with J Ruffell) "Job creation and the 1999 reform of National Insurance", <u>National Institute Economic Review</u>, 2000: 123-5.

(with J Malley) "Pro-cyclical labour productivity: a closer look at a stylised fact", <u>Economica</u>, 66, 1999: 533-50.

(with D Bell) "Unpaid work", Economica, 66, 1999: 271-290.

(with R Ruffell) "Labour costs and employment policy", <u>National Institute Economic Review</u>, 1998: 99-108.

(with D Bell) "Working time in Great Britain, 1975-1994: Evidence from the New Earnings Survey Panel data", <u>Journal of the Royal Statistical Society</u> (Series A), 1998: 327-48

(with J Malley and R Ruffell) "What shapes are overtime premium schedules? Some evidence from Japan, the UK, and the US", <u>Economics Letters</u>, 53, 1996: 97-102.

(with J Malley) "Excess labour and the business cycle: a comparative study of Japan, Germany, the United Kingdom and the United States", <a href="Economica">Economica</a>, 63, 1996: 325 - 342.

(with S Kawasaki) "The Japanese bonus system and human capital", <u>Journal of the Japanese and International Economies</u>, 9, 1995: 225-44.

(with T Moutos) "Tax Structure and the Choice of Compensation System", <u>European Journal of Political Economy</u>, 10, 1994: 765-81.

(with F R FitzRoy) "Optimal implicit contracts and the choice between layoffs and worksharing: a comment", <u>European Journal of Political Economy</u>, 10, 1994: 613-4.

(with R J Ruffell) "The Cost of Overtime Hours in British Production Industries", <u>Economica</u>, 60, 1993: 183-201.

(with T Moutos) "Efficient Bargains in the Context of Recent Labour Market Experience and Policy", <u>European Journal of Political Economy</u>, 7, 1991: 165-89

(with O Hübler) "Are Profit Shares and Wages Substitute or Complementary Forms of Compensation?", <u>Kyklos</u>, 44, 1991: 221-31

(with O Hübler) "Wage, Labour Mobility and Working Time Effects of Profit Sharing", Empirica, 17, 1990: 115-30.

"Profit Sharing and Work Sharing", Economics Letters, 34, 1990: 11-14.

"The Employment and Hours Effects of a Marginal Employment Subsidy", <u>Scottish</u> Journal of Political Economy, 36, 1989: 385-395.

(with P G McGregor) "The Returns to Labour Services in West Germany Manufacturing Industry", <u>European Economic Review</u>, 32, 1988: 947-63.

(with S Kawasaki) "Payroll Taxes and Factor Demand", <u>Research in Labor Economics</u>, Vol.9, (JAI Press), 1988, 257-85.

(with F R FitzRoy) "Hours, Layoffs and Unemployment Insurance Funding: Theory and Practice in an International Perspective", 95, <u>Economic Journal</u>, 1985: 700-713.

"Wage Supplements Through Collective Agreement or Statutory Requirements?", Kyklos, 38, 1985: 20-42.

"Worksharing and Factor Prices", European Economic Review, 24, 1984: 165-188.

"The Phillips Curve and Cyclical Manhour Variation", <u>Oxford Economic Papers</u>, 35, 1983: 186-201.

(with A J Harrison) "Unemployment Insurance and Labour Supply: A Note", Weltwirtschaftliches Archiv, 119, 1983: 169-172.

"Unemployment Insurance and the Firm's Employment Strategy: A European and United States Comparison", <u>Kyklos</u>, 35, 1982: 648-672.

(with D N F Bell) "The Regional Demand for Labour Services", <u>Scottish Journal of Political Economy</u>, 27, 1980: 140-151.

(with T Sharot) "The Short-Run Demand for Workers and Hours: A Recursive Model", Review of Economic Studies, XLV, 1978, 209-309.

(with D I MacKay) "Wage Inflation, Regional Policy and the Regional Earnings Structure", Economica, 44, 1977: 267-281.

"Inter-Regional Economic Migration: Some Theoretical Considerations - Part I", <u>Journal of Regional Science</u>, 15, 1975: 127-138

"----, Part II", <u>Journal of Regional Science</u>, 15, 1975: 289-305

(with J Hutton and T Sharot) "A Statistical Analysis of Association-Football Attendances", <u>Journal of the Royal Statistical Society</u>, (Series C - Applied Statistics), 1975: 24, 17-27.

(with D I MacKay) "Engineering Earnings in Britain: 1914-1966", <u>Journal of the Royal Statistical Society</u>, 138, (Series A), 1975: 32-50,

(with D I MacKay) "Wage Inflation and the Phillips Relationship", <u>The Manchester School</u>, XLII, 1974, XLII, 136-61,.

"Economic Expectations and the Decision to Migrate: An Analysis by Socio-Economic Group", Regional Studies, 7, 1973: 271-285.

"The Role of Overtime Working in the Recent Wage Inflation Process", <u>Bulletin of Economic Research</u>, 25, 1973, 25, 73-87.

"The Economic Influences on Internal Labour Force Migration", <u>Scottish Journal of Political Economy</u>, LXIV, 1972): 88-93.

"The Regional Growth in Employment in the Manufacturing and Service Sectors, 1960-1975: The United Kingdom Experience and Expectations", <u>Tijdschrift voor economische en sociale geographie</u>, LXIV, 1972: LXIV, 181-197.

"The Distribution of New Industrial Building in the 1960s", <u>Scottish Journal of Political Economy</u>, XVIII, 1971: 181-197.

"A Model of Inter-regional Migration in England and Wales", <u>Regional Studies</u>, 4, 1970: 279-296.

#### **MONOGRAPHS**

<u>The Economics of Overtime Working</u>, Cambridge University Press, August, 2004.

Work and Pay in Japan, Cambridge: Cambridge University Press, 1999, (with S Kawasaki)

<u>Human Capital, Employment and Bargaining</u>, Cambridge: Cambridge University Press, 1995, (with T Moutos).

<u>Working Time and Employment</u>, Winchester, Mass.: Allen and Unwin, 1987 [Reprinted, London: Routledge, 1992 and July 2010].

<u>The Economics of Non-Wage Labour Costs</u>, London: Allen and Unwin , 1984. [Reprinted, London: Routledge, July 2010]

#### **BOOK EDITED**

Employment, Unemployment and Labor Utilization, Winchester, Mass.: Unwin Hyman (1988).

### **CHAPTERS IN BOOKS**

"Working time at the crossroads? Workers-hours demand versus hedonic wage-hours models", in L Bellmann and C Schnabel (eds.), <u>Betriebliche Arbeitzpolitik im Wandel</u>, 2004, Nürnberg, IAB.

"Comments on Participatory Employment Practices in Japan", in M Nakamura (ed.), <u>The Japanese Business and Economic System</u>: History and Prospects for the 21st Century, 2000, Palgrave

"Comments on Technical Change and the Demand for Skills in West German Manufacturing Industry, 1970-84", in E Matzner and M Wagner (eds), <u>The Employment Impact of New Technology</u>, 1990, Aldershot, Gower.

(with F R FitzRoy) "Wage Component Behaviour in Japanese Manufacturing Industries", in H König (ed), <u>Studies in Contemporary Economics</u>, 1990 Berlin: Springer Verlag.

"Working Time Reductions and Employment: The Discrepancy between Microeconomic and Macroeconomic Research Findings" in Gladstone et al. (eds) Current Issues in Labour Relations, 1989, New York: de Gruyter, 219-228.

(with N Wilson) "The Demand for Workers and Hours: Micro Evidence from the British Metal Working Industry", 1988 in Hart R A (ed. - see above).

"Comments on the Papers by N Blattner, G Sheldon and H Schwartz", in Mikroökonomie des Arbeitsmarktes, 1986, Bern: Paul Haupt.

"Regional Wage Change Transmission and the Structure of Regional Wages and Unemployment", in R Martin (ed.) <u>Regional Wages and Unemployment</u>, 1981, London: Methuen.

(with P J Sloane) "Working Hours and the Distribution of Work", in <u>Collective Bargaining</u> and <u>Government Policies</u>, 1979, OECD.

(with D I MacKay) "Wage Inflation and the Regional Wage Structure", in J M Parkin and A R Nobay (eds), <u>Contemporary Issues in Economics</u>, 1976, Manchester: Manchester University Press.

## **MAJOR REPORTS**

(with DNF Bell, Alessandro Gaj, O Hübler and W Schwerdt) <u>Unpaid Work in the Workplace: a Comparison of Germany and the UK</u>, 2000, Anglo-German Foundation.

(with D N F Bell) <u>Relocation of Enterprises to Central Region: An Evaluation</u>, 1991, Central Region Location Study.

<u>The Labour Costs Survey: A Critical Appraisal and Suggested Future Strategies</u>, 1991, Eurostat, Luxembourg: Commission of the European Communities.

<u>Working the Japanese Way</u>, 1990, Commission of the European Communities, Brussels: European Services Network (joint editor).

<u>New Issues in Wages and Non-Wages</u>, 1988, Brussels, EC report of international conference.

(with D N F Bell, C V Brown, J Foster, F Harrigan, P G McGregor and T Syme) <u>Employment Effects of Trade Liberalisation in Services</u>, 1988, Brussels: Commission of the European Communities.

(with D N F Bell, R Frees, S Kawasaki, S Woodbury) <u>Recent Trends in Non-Wage Labour Costs and Their Effects on Employment: Japan, United Kingdom, United States and West Germany</u>, 1987, published 1988, Brussels: Commission of the European Communities.

<u>Shorter Working Time: A Dilemma for Collective Bargaining</u>, published 1984, Paris: OECD.

(with D N F Bell and F X Kirwan) "Non-Wage Labour Costs, Their Importance and Effects: A Comparative Study of the United Kingdom, Germany and Italy", 1980, Programme of Research and Actions on the Development of Labour Markets, Brussels: Commission of the European Communities, Study No.79/14.

#### **CONFERENCE ORGANISATION**

- (1) Hours of work, employment and unemployment held in the Science Center, Berlin (September 1986). The conference brought together leading labour market economists from Europe, Japan and the USA. A conference volume has been published by Unwin Hyman (see above under Book Edited).
- (2) New Issues in Wages, Non-Wages and Employment, funded by the Commission of the European Communities (April, 1988) and brought together economists from Western Europe and North America. (See Major Reports.)
- (3) The Japanese Employment System: Another Major Export? a two day conference organised for the Commission of the European Communities, with 15 international speakers and 100 invited participants, was held in Brussels in September 1989. (For relevant publications, see Major Reports.)

#### **REFEREEING SINCE 2000**

Applied Economics, American Economic Journal: Macroeconomics; British Journal of Industrial Relations, Economica, Economic Journal, Industrial and Labor Relations Review, International Economic Review, Journal of Economic Surveys, Journal of Economic Behavior and Organization, Journal of the Japanese and International Economies, Journal of Political Economy, Labour Economics, Manchester School, Oxford Bulletin of Economics and Statistics, Oxford Economic Papers, Personnel Review, Review of Economic Studies, Scandinavian Journal of Economics, Southern Economic Journal.