

PROFESSOR ANNA F. VIGNOLES

Career History

2012- **The Professorship of Education (1938), University of Cambridge**
Research Fellow, Institute for Fiscal Studies and Institute of
Education
Deputy Director, Centre for the Economics of Education and the
Centre for Analysis of Youth Transitions

Key research interests include the **economic value of education**, and specifically the labour market value of basic skills, training, qualifications and different types of curricula. I also research issues around **equity in education**, such as widening participation in higher education. I undertake research into **school efficiency**, with a particular emphasis on the study of financial and human resourcing in education.

I am a co-investigator and member of the Scientific Steering Committee of the new (2012) Birth Cohort Study called *Life Study*.

I am Deputy Director of the Centre for Youth Transitions, which is a Department for Children Schools and Families sponsored research centre focused on the analysis of adolescent issues. I am also Deputy Director of the Centre for the Economics of Education (CEE), which is a research centre consisting of the Institute of Education, the London School of Economics and the Institute for Fiscal Studies.

I am an economist member of the NHS Pay Review Body and I have been an advisor to a range of government departments including the Department for Education, the Department for Business, Innovation and Skills and HM Treasury. I gave evidence to the Browne Review of Higher Education Funding, the House of Commons Education and Skills Select Committee investigation of higher education funding, and the House of Lords Economic Affairs Select Committee, as part of their inquiry into education and training opportunities for young people. I also provided advice to Lord Leitch's Review of Skills in 2006/7 and

was a member of the Universities UK/NUS Student Charter Group and sat on the UCAS Qualification Information Review Steering Group.

- 2003-2012** **Professor in Economics of Education, Institute of Education**
- 1998 - 2003** **Research Fellow, Centre for Economic Performance, London School of Economics and Strand Leader, Centre for the Economics of Education**
- 2001-2002** **Economist on secondment to Department for Education and Skills (from the Centre for Economic Performance, London School of Economics)**
- 1997** **Advice to the UK Dearing Review of Higher Education.**
- 1995 to 1998** **University of Newcastle, Ph.D. Student**

Recent research grants/consultancies

2012- **Economic and Social Research Council**, co-investigator on the new 2012 birth cohort study, *Life Study*.

2011- **Nuffield Foundation**, co-investigator on a project researching issues relating to widening access to higher education.

2011-2014 **Education Endowment Fund**, 2 year evaluation of the Mathematics Mastery programme introduced into primary and secondary schools by ARK.

2011 **Low Pay Commission**, 1 year funded project investigating the relationship between the minimum wage and education participation, joint with the Institute for Fiscal Studies.

2011 **Royal Academy of Engineering**, project investigating the value of STEM qualifications and occupations,

[http://www.raeng.org.uk/news/releases/pdf/The Labour Market Value of STEM Qualifications and Occupations.pdf](http://www.raeng.org.uk/news/releases/pdf/The_Labour_Market_Value_of_STEM_Qualifications_and_Occupations.pdf)

2010 **Low Pay Commission**, 1 year funded project investigating the link between the minimum wage and staying on rates for teenagers (joint with A. De Coulon, Elena Meschi, Joanna Swaffield, Jonathan Wadsworth).

http://www2.lowpay.gov.uk/lowpay/research/pdf/Decoulon_et_al_final_07_jan_10.pdf

2010- **Department for Children Schools and Families, Centre for the Analysis of Youth Transitions (CAYT)** , joint 4 year research centre established by the Institute of Education, the Institute for Fiscal Studies and the National Centre for Social Research.

2008-2011 **Economic and Social Research Council** I was a co-applicant on an ESRC/NCRM methods node at the Institute of Education. This Node was called Administrative Data – Methods, Inference and Network or ADMIN. ADMIN aimed to advance methodology in quantitative social science in order to develop better tools for researchers that in turn enable them to provide more robust answers to pressing social questions. The Node was led by Professor Dearden.

2008-2010 **Economic and Social Research Council Project:** An economic analysis of parental choice of primary school in England. This project investigated the factors influencing parental choice of primary school using the Millenium Cohort Study data. The PI was Deborah Wilson, University of Bristol.

2007-2012 **Economic and Social Research Council** Project investigating the role of socio-economic background in child development, using data from the Avon Longitudinal Study for Parents and Children. The project is directed by Professor Paul Gregg at the University of Bristol. I am leading the research strand on education. I am responsible for research output from the education strand of the research programme, and its dissemination to the academic and wider community, as well as having line management responsibility for one research officer.

Qualifications and Skills


1995 - 1998 **University of Newcastle, Ph.D. in Economics**

1988 - 1991 **University of London, School of Oriental and African Studies**
BA Economics with Politics

First Class Honours Degree

Selected Publications

1. (forthcoming) ‘Social mobility, regression to the mean and the cognitive development of high ability children from disadvantaged’, *Journal of the Royal Statistical Society, Series A*. (with J. Jerrim).
2. (forthcoming) ‘An empirical method for deriving grade equivalence for university entrance qualifications: an application to A levels and the International Baccalaureate’, *Oxford Review of Education* (with F.Green).
3. (2012) ‘Widening participation in higher education: analysis using linked administrative data’, *Journal of the Royal Statistical Society, Series A* (with H. Chowdry, C. Crawford, L. Dearden, A. Goodman). doi: 10.1111/j.1467-985X.2012.01043.x
4. (2012) ‘Geography, choice and participation in Higher Education in England’, *Regional Science and Urban Economics*, 42 (1-2) 1-38 January 2012.
5. (2011) ‘Parental choice of primary school in England: what types of school do different types of family really have available to them?’, *Policy Studies*, Vol. 32, No. 5, September 2011, 531_547 (with Simon Burgess, Ellen Greaves and Deborah Wilson).
6. (2011) ‘Economics of Education’ in Arthur, J. and Peterson, A. (Eds) *The Routledge Companion to Education*, Routledge, 978-0415583466.
7. (2011) “Education, Training and Skills: An International Perspective” in Marsden, D. (Ed) *Employment in the lean years*, Oxford University Press.
8. (2011) “The Effectiveness of English Secondary Schools for Pupils of Different Ability Levels”, *Fiscal Studies* (with L. Dearden and J. Micklewright).
9. (2011) “[Parents’ skills and children’s cognitive and non-cognitive outcomes](#)” *Education Economics*, 1469-5782, First published on 04 January 2011 (with A. De Coulon and E. Meschi).
10. (2010) “A longitudinal analysis of second-generation disadvantaged immigrants,” *Economic Working Papers at Centro de Estudios Andaluces E2010/02*, Centro de Estudios Andaluces. (with Oscar Marcenaro , Muriel Meunier and Augustin de Coulon, forthcoming *Education Economics*).
11. (2010) “The economics of vocational education and training”, in *International encyclopedia of education: volume 8*, eds P Peterson, E Baker & B McGaw, Elsevier, Oxford, pp.255-261.(with Carneiro, P and Dearden, L.)

12. (2010) "The value of basic skills in the British labour market", *Oxford Economic Papers*, vol. 10 pp.1093 (with Augustin De Coulon and Oscar Marcenaro-Gutierrez).
13. (2010) "The contribution of the economics of education to education" in Furlong, J and Lawn, M. (Eds) *Disciplines of Education: Their Role in the Future of Education Research*, Routledge: London. (with Lorraine Dearden and Stephen Machin).
14. (2010) 'Higher Education Academic Salaries in the UK', *Oxford Economic Papers* 62, 1, 12-35. See also Centre for the Economics of Education CEEDP0075, London School of Economics [Full paper \(free\)](#)  . Presented at the Royal Economic Society Annual Conference 2007. (with M.Collins and J. Walker).
15. (2009) 'Economics of Education Research: A Review and Future Prospects, *Oxford Review of Education*, vol. 35 no. 5, pp.617-632 (with Lorraine Dearden and Stephen Machin).
16. (2009) 'Is children's free school meal 'eligibility' a good proxy for family income?', *British Educational Research Journal*, vol. 36, no. 4, pp.1469-3518 (with G.Hobbs).
17. Vignoles, Anna F. and Powdthavee, Nattavudh (2009) "The Socioeconomic Gap in University Dropouts," *The B.E. Journal of Economic Analysis & Policy*: Vol. 9 : Iss. 1 (Topics), Article 19. DOI: 10.2202/1935-1682.2051 Available at: <http://www.bepress.com/bejeap/vol9/iss1/art19>
18. (2008) 'Unexpected Individual differences in the pathways into and beyond Higher Education in the UK: A lifecourse approach.', *Journal of Social Issues*, (with Leon Feinstein), 64, 1.
19. (2008) 'Mental Health of Parents and Life Satisfaction of Children: A Within-Family Analysis of Intergenerational Transmission of Well-Being', *Social Indicators Research*, volume 88, No. 3, pp. 397-422 <http://www.springerlink.com/content/w83p0u710x36/?p=3ab570ffea294f2ca39e99e0a380df9a&pi=0> (with N. Powdthavee).
20. (2007) 'Public Sector Reform: Principles for Improving the Education System', Bedford Way Papers, Institute Of Education (with R. Allen, F. Coffield, G. Moss, R. Steer and C. Vincent).
21. (2007) 'The Impact of School Resources on Student Attainment: A Multilevel Simultaneous Equation Modelling Approach', volume 170, part 3 (2007), pages 801-824, *The Journal of the Royal Statistical Society, Series A*. (*F. Steele, A. Vignoles and A. Jenkins).

22. (2007) 'The Heterogeneous Effect of Selection in Secondary Schools: Understanding the Changing Role of Ability' in *Schools and the Equal Opportunity Problem* edited by P. Peterson and L. Woessmann, CESifo Seminar Series (with F. Galindo-Rueda).
23. (2007) 'What Should an Index of School Segregation Measure?', *Oxford Review of Education*, Vol. 33 No. 5. pp. 643-668 (with Rebecca Allen).
24. (2007) 'Who actually goes to University?', *Empirical Economics* (special issue "The Economics of Education and Training"), Vol. 32, No. 2, pp. 333-357. (with F. Galindo-Rueda and O. Marcenaro-Gutierrez).
25. (2006) 'Certifying the workforce: economic imperative or failed social policy?', *Journal of Education Policy*, Vol. 21, No.5, pp.535-565 (*A.Wolf, A. Jenkins and A. Vignoles).
26. (2005) 'Education Policy in the UK', *CESifo DICE REPORT Journal for Institutional Comparisons*, Vol. 3, No. 4, pp 64-74. (with Stephen Machin).
27. (2005) *What's the Good of Education?: The Economics of Education in the UK*, Princeton University Press: Princeton and Oxford. (Co-editor with Stephen Machin).
28. (2005), 'The Declining Relative Importance of Ability in Predicting Educational Attainment', *Journal of Human Resources*, Vol. 40, No. 2, pp.335-353 and presented at the 2004 Royal Economic Society Conference <http://ideas.repec.org/s/ecj/ac2004.html> (with F. Galindo-Rueda).
29. (2004) 'The Widening Socio-economic Gap in UK Higher Education', *National Institute Economic Review*, No. 190, pp.70-82. (with F. Galindo-Rueda and O.Marcenaro-Gutierrez).
30. (2004) 'Educational Inequality: The Widening Socio-Economic Gap', *Fiscal Studies*, Vol. 25, No. 2, pp. 107-128 (with S.Machin).
31. (2004) 'The Labour Market Impact of Adult Education and Training: A Cohort Analysis', *The Scottish Journal of Political Economy*, Vol. 51, No. 2, pp.266-280 (with L.Feinstein and F. Galindo-Rueda).
32. (2004) 'The economic impact of schooling resources' Chapter in Sofer, C. (Ed) *Human Capital Over the Lifecycle*, pp.36-52, Cheltenham: Edward Elgar (with P.Dolton and R. Levacic).
33. (2003) 'The determinants and labour market effects of lifelong learning', *Applied Economics*, Vol.35, No.16, pp.1711-1721, (*A.Jenkins, A. Vignoles, A.Wolf and F.Galindo-Rueda).

34. (2002) 'Overeducation and Skills – Clarifying the Concepts', *Manchester School*, Vol. 70, No.6, pp.792-811, (with F. Green, and S. McIntosh).
35. (2002) 'The Return to Post-Compulsory School Mathematics Study', *Economica*, Vol. 69, No. 273, pp.113-142, (with P. Dolton).
36. (2002) 'The Returns to Academic, Vocational and Basic Skills in Britain', *Bulletin of Economic Research*, vol 54, no. 3, pp. 249-274 (with L. Dearden, L. S. McIntosh, and M. Myck).
37. (2002) 'Is a Broader Curriculum Better?', *Economics of Education Review*, Vol. 21, pp.415-429 (with P. Dolton).
38. (2002) 'Researching the links between school resources and student outcomes in the UK: a review of issues and evidence', *Education Economics*, Vol. 10, No.3 (with R. Levacic).
39. (2001) 'The Pay-off to Mathematics A level' in *The Necessity of Mathematics* (C. Tickly and A. Wolf (eds)), Bedford Way Series (with Peter Dolton).
40. (2001) 'Measuring and assessing the impact of basic skills on labour market outcomes', *Oxford Economic Papers*, Vol.53, No.3, pp.453-481 (with S. McIntosh).
41. (2000) 'The Incidence and Effects of Overeducation in the Graduate Labour Market', *Economics of Education Review*, Vol. 19, pp.179-198 (with P. Dolton).
42. (2000) 'International trends in the quantity and quality of entrants to computer science courses in higher education', *Vierteljahrshefte zur Wirtschaftsforschung*, Vol.4, No.69, pp.527-543 (with C. Bruniaux, K. Hansen, H. Steedman, K. Wagner).
43. (1997) 'The Effects of School Quality on Pupil Outcomes: An Overview' in Heijke, J.A.M. (Ed) *Education, training and Employment in the Knowledge Based Economy*, AEA-Macmillan Series, forthcoming (with P. Dolton).
44. (1997) 'Graduate Overeducation: A European Perspective', *Higher Education in Europe*, Vol. XXII, No.4 (with P. Dolton).
45. (1997) 'Whither Higher Education ? An Economic Perspective for the Dearing Committee of Inquiry', *Economic Journal*, Vol. 107, No. 442, pp.710-726 (with P. Dolton and D. Greenaway).
46. (1996) 'Some Economic Issues for the Dearing Inquiry on Higher Education' in Coffield, F. (Ed) *Higher Education and Lifelong Learning*, Department of Education, University of Newcastle, (with P. Dolton and D. Greenaway).




Other publications





1. (2012) Intergenerational transmission of worklessness: Evidence from the Millennium Cohort and the Longitudinal Study of Young People In England, Department for Education, Research Report DFE-RR234
<https://www.education.gov.uk/publications/standard/publicationDetail/Page1/DFE-RR234> (with M. Barnes, V. Brown, S. Parsons, A. Ross, I. Schoon).
2. (2011) The labour market value of STEM qualifications and occupations: an analysis for the Royal Academy of Engineering,
http://www.raeng.org.uk/news/releases/pdf/The_Labour_Market_Value_of_STEM_Qualifications_and_Occupations.pdf (with C. Greenwood).
3. (2011) "The Effectiveness of English Secondary Schools for Pupils of Different Ability Levels" IZA Discussion Paper No. 5839, <http://ftp.iza.org/dp5839.pdf> (with L. Dearden and J. Micklewright),
4. (2011) 'Social Mobility: A Literature Review',
<http://www.bis.gov.uk/assets/biscore/economics-and-statistics/docs/s/11-750-social-mobility-literature-review> (with Crawford, C., Johnson, P., Machin, S.)
5. (2011) "[The use \(and misuse\) of statistics in understanding social mobility: regression to the mean and the cognitive development of high ability children from disadvantaged homes](#)", Department of Quantitative Social Science Working Paper 11-02, Department of Quantitative Social Science, Institute of Education, University of London (with J. Jerrim).
6. (2010) 'The Economic Value of Qualifications', The Gatsby Foundation.
http://www.gatsby.org.uk/pdfs/Technical_Education_21C/Economic%20value%20of%20qualifications.pdf
7. (2010) "[An analysis of the educational progress of children with special educational needs](#)", Department of Quantitative Social Science Working Paper 10-19, Department of Quantitative Social Science, Institute of Education, University of London (with C. Crawford).
8. (2010) "Education, Training, Skills and an International Perspective" in Marsden, D (Ed) *Labour Market Policy for the Twenty-First Century* Oxford University Press: Oxford.
9. (2010) "The Determinants of Non-Cognitive and Cognitive Schooling Outcomes". Report to the Department of Children, Schools and Families, Centre for the




Economics of Education Discussion Paper No' CEESP04 (with E. Meschi)



<http://cee.lse.ac.uk/cee%20dps/ceesp04.pdf>

10. (2010) 'Widening participation in higher education: analysis using linked administrative data', IFS working paper, <http://www.ifs.org.uk/publications/4817> (with H. Chowdry, C. Crawford, L. Dearden, A. Goodman).
11. (2010) "The choice between fixed and random effects models: some considerations for educational research", Department of Quantitative Social Science Working Paper No. 10-10, Institute of Education (with Clarke, P., Crawford, C., Steele, F).
12. (2010) 'Post-16 educational choices and institutional value added at Key Stage 5', Department for Children, Schools and Families (with E. Meschi and C. Crawford). <https://www.education.gov.uk/publications/RSG/publicationDetail/Page1/CEE-POST16>
13. (2010) "Why do children become disengaged from schools", Department of Quantitative Social Science Working Papers 10-06, Institute of Education. (with F. Foliano and E. Meschi)
14. (2010) *Better Communication Research Programme: 1st Interim Report*, Department for Education Research Report DFE-RR070 http://www2.warwick.ac.uk/fac/soc/cedar/better/bcrp_1st_interim_report.pdf (with Geoff Lindsay, Julie Dockrell, James Law, Sue Roulstone)
15. (2010) 'How much more will students pay?', OpinionPanel Research.
16. (2010) 'School choice' in *Children of the 21st century (volume 2): the first five years*. Dex, S. and Joshi, H. (Eds), The Policy Press (with Kirstine Hansen).
17. (2010) 'Key issues in education policy', *Research Papers in Education*, 25: 2, 246 — 248. http://pdfserve.informaworld.com/844045_751316765_921802714.pdf
18. (2010) "Matching the supply of and demand for young people graduating from the vocational track in Spain," *Economic Working Papers at Centro de Estudios Andaluces E2010/04*, Centro de Estudios Andaluces. (with Oscar Marcenaro-Gutierrez).
19. (2009) *Minimum Wage and Staying-on Rates in Education for Teenagers: a report for the Low Pay Commission*. (with Augustin De Coulon, Elena Meschi, Joanna Swaffield and Jonathan Wadsworth). http://www.lowpay.gov.uk/lowpay/research/pdf/Decoulon_et_al_final_07_jan_10.pdf




20. (2009) '[Parental choice of primary school in England: what type of school do parents choose?](#)' (with Simon Burgess, Deborah Wilson, Ellen Greaves). CMPO Discussion Paper 09/224, November 2009.
21. (2009) '[What Parents Want: School preferences and school choice](#)' with Simon Burgess, Ellen Greaves and Deborah Wilson, CMPO Discussion Paper 09/222.
22. (2009) 'Can school competition improve standards? The case of faith schools in England', Department of Quantitative Social Science, Institute of Education, mimeo. (with R. Allen).
23. (2009) 'Access, Choice and Participation in Higher Education', Centre for the Economics of Education Discussion Paper CEEDP0101, Full paper (free)  (with S.Gibbons).
24. (2009) "Can school competition improve standards? The case of faith schools in England," Department of Quantitative Social Science Working Papers 09-04, Department, Institute of Education, University of London. (with R. Allen).
25. (2008) 'An Analysis of the Benefit of NVQ2 Qualifications Acquired at Age 26-34', Centre for the Economics of Education Discussion Paper CEEDP0106, Full paper (free)  (with A. De Coulon).
26. (2008) "Mental Health of Parents and Life Satisfaction of Children: A Within-Family Analysis of Intergenerational Transmission of Well-Being," Discussion Papers 08/20, Department of Economics, University of York. (with N Powdthavee).
27. (2008) Destinations of Leavers from Higher Education Comparative Report for the Higher Education Statistics Agency, (with Sarah kitchen, Cheryl Lloyd and Steven Finch)http://www.hesa.ac.uk/dox/dlhe_longitudinal/Destination_of_Leavers_from_H_E_Comparative_Report_Feb08.pdf.
28. (2008). Understanding the determinants of participation in higher education and the quality of institute attended: analysis using administrative data. Institute of Fiscal Studies http://www.ifs.org.uk/publications.php?publication_id=4234 . (with H. Chowdry, C. Crawford, L. Dearden, A. Goodman).
29. (2008) 'Parents' Basic Skills and Childrens' Cognitive Outcomes', Centre for the Economics of Education Discussion Paper CEEDP0104, [Full paper \(free\)](#)  (with A.De Coulon and E. Meschi).
30. (2008) 'Parents' Basic Skills and their Children's early (3 to 6) and later (6-16) test scores', report for the Department for Children, Schools and Families and the Department for Innovation, Universities and Skills. Presented at ISER, University of

- Essex and Department of Education, University of Oxford (with A. De Coulon and E.Meschi).
31. (2008) 'The Socio-Economic Gap in University Drop Out,' *Discussion Papers* 08/23, Department of Economics, University of York. (with N. Powdthavee).
 32. (2008) *Widening participation in Higher Education: a quantitative analysis - TLRP Research Briefing* 39, (London, TLRP) (with Crawford, C., Chowdry, H., Vignoles, A., Powdthavee, N., Goodman, A., Machin, S., McNally, S., Hussain, I., Gibbons, S. & Telhaj, S.) <http://www.tlrp.org/dspace/retrieve/3696/Vignoles+RB+39+FINAL.pdf>.
 33. (2008) 'The Value of a Degree', *Prospects*, Spring.
<http://www.prospects.ac.uk/cms/ShowPage/p!eacLeee#Summary>
 34. (2007) 'The Value of Basic Skills in the British Labour Market', Centre for the Economics of Education Discussion Paper CEEDP0077, London School of Economics [Full paper \(free\)](#) . Presented at the European Association of Labour Economics Annual Conference 2007 (with A.De Coulon and O.Marcenaro-Gutierrez).
 35. (2007) 'Will two more school years really give Britain the skills it needs?', *Parliamentary Brief*, <http://www.parliamentarybrief.com/articles/will-two-more-624.html>.
 36. (2007) 'The Returns to Qualifications in England: Updating the Evidence Base on Level 2 and Level 3 Vocational Qualifications', report for the Department for Innovation, Universities and Skills and Centre for the Economics of Education Discussion Paper CEEDP0089, London School of Economics [Full paper \(free\)](#)  (with C. Greenwood and A. Jenkins).
 37. (2007) 'Is Free School Meal Status a Valid Proxy for Socio-Economic Status (in Schools Research)?', report for the Department for Education and Skills and Centre for the Economics of Education Discussion Paper CEEDP0084, London School of Economics [Full paper \(free\)](#) . Presented at the PLAS/NPD User Group, University of Bristol
<http://www.bristol.ac.uk/Depts/CMPO/PLUG/events/130906/main.htm> (with G. Hobbs).
 38. (2007) 'Higher Education Academic Salaries in the UK', Centre for the Economics of Education CEEDP0075, London School of Economics [Full paper \(free\)](#) . Presented at the Royal Economic Society Annual Conference 2007. (with M.Collins and J. Walker).

39. (2007) 'The Use of Large-Scale Datasets in Education Research', Teaching and Learning Research Programme web report, <http://www.tlrp.org/capacity/rm/wt/vignoles/> (with K. Hansen).
40. (2007) 'The Distribution and Returns to Qualifications in the Sector Skills Councils', SSDA Research Report No.21 <http://www.ssda.org.uk/pdf/rrr21.pdf>, Wath-upon-Dearne: Sector Skills Development Agency (with A. Dickerson).
41. (2007) 'Expanding Higher Education: The Economic Case', in *The House Magazine*, Dod's Parliamentary Communications Limited: London.
42. (2007) 'Valuing Education', *The Europa World of Learning 2008*, Routledge: London.
43. (2007) 'Making use of existing data' in Briggs,A.R.J. and Coleman,M. (eds.) (2007) *Research Methods in Educational Leadership*, Sage, pp. 252-75 (with S. Dex).
44. (2006) 'Using Rate of Return Analyses to Understand Sector Skill Needs', Report for the Department for Education and Skills and Centre for the Economics of Education Discussion Paper CEEDP0070, London School of Economics [Full paper \(free\)](#)  (with N.Powdthavee).
45. (2006) 'Establishing the baseline', *Academy Exchange, Issue 3, Spring*.
46. (2006) 'What Should an Index of School Segregation Measure?' Centre for the Economics of Education Discussion Paper CEEDP0060, London School of Economics [Full paper \(free\)](#)  (with R. Allen).
47. (2006) 'Education Policy in the UK', Centre for the Economics of Education Discussion Paper CEEDP0057, London School of Economics [Full paper \(free\)](#)  (with S. Machin).
48. (2005) *Estimating the Relationship Between School Resources and Pupil Attainment at Key Stage 3*, DfES Research Report 679 (*R. Levacic, A. Jenkins, A. Vignoles, F. Steele and R. Allen) <http://www.dfes.gov.uk/research/data/uploadfiles/RB679.pdf>.
49. (2004) 'The Labour Market Impact of Adult Education and Training: A cohort analysis' Centre for the Economics of Education Discussion Paper 0036, London School of Economics (with L.Feinstein and F.Galindo-Rueda).
50. (2004) *Scoping Study on International Comparisons of Non-certified Learning*, Department for Trade and Industry report (with F.Green, S.McIntosh).
51. (2004) *The Heterogeneous Effect of Selection in Secondary Schools: Understanding the Changing Role of Ability*, IZA Discussion Paper No. 1245

- <ftp://ftp.iza.org/dps/dp1245.pdf> and Centre for the Economics of Education Discussion Paper 0052, London School of Economics (with F. Galindo-Rueda).
52. (2004) 'The Widening Socio-Economic Gap in UK Higher Education' Centre for the Economics of Education Discussion Paper CEEDP0044, London School of Economics [Full paper \(free\)](#)  (with F.Galindo-Rueda and O.Marcenaro-Gutierrez).
53. (2003) *Sectoral and Area Analysis of the Economic Effects of Qualifications and Basic Skills*, Department for Education and Skills Research Report No. 465 (Research Brief No. 465), www.skillsbase.dfee.gov.uk.
54. (2003) The Economic and Non-Economic Impact of Lifelong Learning: Reconciling Evidence from the WBL & CEE Research Centres, Department for Education and Skills Research Report (with L. Feinstein and F. Galindo-Rueda).
55. (2002) 'Britain's Record on Skills', Centre for the Economics of Education Discussion Paper CEEDP0023, London School of Economics [Full paper \(free\)](#)  (with R.Layard and S. McIntosh).
56. (2002) 'Class Ridden or Meritocratic? An Economic Analysis of Recent Changes in Britain', Centre for the Economics of Education Discussion Paper No. 32 and IZA Discussion Paper No. 677, Institute for the Study of Labor (with F. Galindo-Rueda). Presented at the 2004 Royal Economic Society Annual Conference <http://ideas.repec.org/s/ecj/ac2004.html>.
57. (2002) 'The Determinants and Effects of Lifelong Learning', Centre for the Economics of Education Discussion Paper 0019, London School of Economics (with F. Galindo-Rueda, A. Jenkins & A. Wolf).
58. (2001) *The Economic Benefits of Training to the Individual, the Firm and the Economy: The Key Issues*, Cabinet Office Report for FSU, (with S. Machin).
59. (2001) *Improving Adult Basic Skills: Benefits to the Individual and to Society*, DfEE Research Brief No. 251 (with J. Bynner, L. Dearden, S. McIntosh, , H. Reed, J. Van Reenen).
60. (2001) *Basic Skills, Soft Skills and Labour Market Outcomes: Secondary Analysis of the NCDS*, DfEE Research Report No. 250 and Research Brief No. 250 and Centre for Economics of Education Discussion Papers Nos. 3 and 4 (with L. Dearden and S. McIntosh).
61. (2000) 'La Sureducation: L'Abus Des Bonnes Choses?', *Formation Emploi*, No.72, Octobre-Decembre, Economie De L'Aterance Diffusion des NTIC Motivation Et

Performance (with F. Green and S. McIntosh). **although I contributed substantially to the underlying research for this paper, I did not contribute much to the writing of this paper.*

62. (2000) *The Returns to Academic, Vocational and Basic Skills in Britain*, Department for Education and Employment report and Centre for the Economics of Education Discussion Paper CEEDP0004, London School of Economics [Full paper \(free\)](#)  (with L. Dearden, S. McIntosh, and M. Myck).
63. (2000) *The Relationship between Resource Allocation and Pupil Attainment: A Review*, DfEE Research Report No. 228 and Centre for the Economics of Education Discussion Paper No. 3 (*A. Vignoles, R. Levacic, J. Walker, S. Machin and D. Reynolds).
64. (2000) 'Measuring and Assessing the Impact of Basic Skills on Labour Market Outcomes', Centre for the Economics of Education Discussion Paper CEEDP0003, London School of Economics [Full paper \(free\)](#)  (with S. McIntosh).
65. (2000) 'An Audit of the Data Needs of the DfEE Centres on the Economics of Education and the Wider Benefits of Learning', Centre for the Economics of Education Discussion Paper CEEDP0001, London School of Economics [Full paper \(free\)](#)  (with T. Desai and E. Montado).
66. (1998). 'The Impact of School Quality on Labor Market Success in the United Kingdom', TSER STT Working Paper WP08-98 (with P. Dolton).
67. (1997) 'Widening Participation in Higher Education by Ethnic Minorities, Women and Alternative Students' in *Higher Education in the Learning Society, Report of the National Committee*, National Committee of Inquiry into Higher Education (HMSO: Norwich) (with F. Coffield).
68. (1997) 'Is there really a problem of graduate overeducation?', *Times Higher Education Supplement*, 23 May 1997.