

Curriculum Vitae

Dr. Keshab Bhattarai
PhD (NU-Boston, USA); Post Doc (Warwick, UK)
M.A. (ISS, Netherlands); M.A., BL, Diploma (TU, Nepal)

I. Professional

Institution: University of Hull **Faculty: Business School**
Subject: Economics Room and Building: 125 Wharfe

Office Address: Cottingham Road, HU6 7RX, Hull.

Telephone: 01482463207; Fax : 01482463484 ; E-mail: K. R.Bhattarai@hull.ac.uk

Personal web page: <http://www.hull.ac.uk/php/ecskrb>

Office Webs: <http://www.hull.ac.uk/hubs/>; <http://www.hull.ac.uk/>;

Home Address: 68 Auckland Avenue, Hull, HU6 7SH, UK. Phone: 01482-803112.

Refereed journals in which I have publications include:

Economica, International Economic Review, Review of International Economics, Economic Letters, Applied Economics, Applied Financial Economics, Atlantic Economic Journal, Applied Financial Economics Letters, Empirical Economics, European Research Studies, Journal of Economic Literature.

Selected Journal Publications:

1. Bhattarai K and John Whalley (2009) Redistribution Effects of Transfers **Economica**,76:3:413-431.
2. Bhattarai K. and J Whalley (2003) Discreteness and the Welfare Cost of Labour Supply Tax Distortions, **International Economic Review** 44:3:1117-1133, August.
3. Bhattarai K and J Whalley (2006), Division and Size of Gains from Liberalization of Trade in Services, **Review of International Economics**, 14:3:348-361, August.
4. Bhattarai K., M. Ghosh and J. Whalley (1999) On some properties of a trade closure widely used in numerical modelling, **Economic Letters**, 62:1:13-21, January.
5. Bhattarai K.(2007) Welfare Impacts of Equal-Yield Tax Experiment in the UK Economy, **Applied Economics**, 39, 10-12, 1545-1563, June-July.
6. Bhattarai K., (2008) An Empirical Study of Interest Determination Rules, **Applied Financial Economics**, 18:4:327-343, March.
7. Bhattarai K. (2007) Economic Models of Hull and Humber Region, **Atlantic Economic Journal**, 35:473-490 December.
8. Bhattarai K (2005) Consumption, Investment and Financial Intermediation in Ramsey Models, Applied Financial Economics Letters, **Applied Financial Economics Letters** 1:6:1-5.
9. Annotations of my books in the **Journal of Economic Literature**:
 - Book 1: "Static and Dynamic General Equilibrium Tax and Trade Policy Models of the UK Economy" **Journal of Economic Literature** XLVI:3: September,2008, page 762.
 - Book 2: "Economic Theory: Derivations, Computations and Applications" Book in **Journal of Economic Literature**, XLVI:3 September 2008, page 756.
 - Book 3 "Models of Political and Economic Growth in Nepal" Book in **Journal of Economic Literature**, XLVI:1: March 2008, page 248.
10. Bhattarai K. and J. Whalley (1999) Role of labour demand elasticities in tax incidence analysis with heterogeneity of labour, **Empirical Economics**, 24:4:.599-620, November.

II. Administration, Management and Academic Leadership

External Examiner for the MSc Programme for 2009-2012

London Metropolitan Business School, 84 Mooregate, London, N7 8DB.

Current assignments:

Growth, Trade and Development, Business Economics, Economics of European Integration, Competition and Regulation, Empirical Markets in the Global Economy, Global Financial Markets, Dissertations

Leadership in Teaching:

Module Leadership: Advanced Economic Theory (PhD), Further Economic Analysis (BSc.); Empirical Economics (BSc), Research Methods (MSc); **Module led earlier include:** Macroeconomic Theory and Policy (MSc); Macroeconomic (BSc) Econometrics (BSc/PhD), Economic Forecasting.

Moderator (UG/PG): Microeconomics, Public Economics, Business Economics, Analysis of Economic Data; Applied Economic Policy. **Supervisor:** BA/BSc, MA/MSc, MRES/PhD research projects.

Research grants obtained:

Departmental Grant of £5000 for 2000-2001

EPSRC grant with Richard Green, Jon Atkins, Milton Yago and Steve Trotter £75,000

British Academy grant with Mike Ryan: £7500 (2005-2006)

Consultancy to European Research Framework 5 (£5000) and to Suffolk University and Beaconhill Institute in Boston, USA (\$10,000).

Many conference grants from the Hull University Business School and once from the RES.

Recent Conference Presentations:

<http://www.hull.ac.uk/php/ecskrb/Confer/Confer.html>

Acted as a referee to the following journals and books:

Applied Economics, Bulletin of Economic Research, International Review of Applied Economics, International Economic Review, Russian and East European Finance and Trade, Review of the International Economics, European Research Studies, Book reviews for Journal of Development Studies; Reviewed book proposal for Palgrave MacMillan and McGraw-Hill Companies.

Performance evaluation report on an ESRC project on asymmetry of business cycle turning points in the UK; extending boundaries of econometrics project, General equilibrium modelling project, Modelling of the financial sector project.

Organisation of international conferences:

- International Conference on Modelling Economic Dynamics, London, UK, August 23-25, 2008 (<http://www.hull.ac.uk/php/ecskrb/MED2008Final.htm>);
- International Conference on Modelling Economic Dynamics, Hull, England, August 23-25, 2007 (http://www.hull.ac.uk/php/ecskrb/Hull_Conference_07.html)
- International Conference on Growth, Development and Poverty (GDP), Kathmandu Dec 16-18, 2007 (<http://www.hull.ac.uk/php/ecskrb/Kathmandu.html>)

Membership of Professional Organisations in Economics

Professional Organisations	Qualifications and Grades	Date From	Date To
• Royal Economic Society	Member	1998	To date
• Econometric Society	Member	2003	To date
• Public Economics Society	Member	2003	To date
• European Economic Society	Member	2005	To date
• American Economic Association	Member	1994	To date
• Input-Output Association	Member	2005	To date
• International Atlantic Economic Association	Member	2005	To date
• Modelling Economic Dynamics (initiator)	Founder	2004	To date
• Growth Development and Poverty (initiator)	Founder	Jan 2007	Cont.
• Game Theory Society	Member	July 2007	To date

III. Personal Statement

I have learnt skills and developed contacts that can be very instrumental for a high quality economics programme. I can bring new ideas to improve learning and teaching based on a problem solving approach and initiate research in order to improve the image of the school both inside and outside. Excellence in teaching and research will be my primary objective. I can work very hard for the university and bring grants and projects from UK, EU and international funding agencies. I can contribute towards getting and retaining high quality national and international students interested in analysing and modelling micro, macro, trade, tax, energy, environment or other public policy issues applying general equilibrium, statistical, econometric and game theoretical techniques appropriate for a competitive global economy. I can focus on research that matters for improvement in the quality of life of millions of people here and abroad. Being a member of more than eight professional organisations in economics has helped me to maintain professional contacts. At the moment my academic activities can be grouped in following themes:

1) Applied General Equilibrium Modelling (Applied Micro)

I have been working in this area since early 1990s. I have published papers (co-authored with Professor John Whalley) in refereed four star refereed journals including International Economic Review, *Economica*, and Economics Letters. Articles in Empirical Economics and a book chapter in Weale and Holly (ed.) *Econometric Modelling* from Cambridge University Press fit into this category. My three books are annotated in the Journal of Economic Literature. I have a number of ideas and projects running in this area and have supervised PhD and MSc students. I also teach these models to students of economic analysis and advanced economic theory.

2) Economic Growth, Development and Applied Macroeconomics

My paper in Applied Economics and Atlantic Economic Journal include dynamics of growth, capital accumulation and redistribution. These are essentially application of micro-founded approach to macroeconomics. I have currently developed models for a number of OECD countries including France, Germany, Spain and USA. My 123 sector dynamic model for analysis of Energy and Environment Issues UK economy for the EPSRC Supergen project also belongs to this category. My book *Political and Economic Growth in Nepal* have models to explain economic growth and development. A recent paper on Cognitive Skills, Openness Education and Growth co-authored with Professor Parantap Basu (Durham) and being presented to the European Economic Association Conference in Barcelona is expected to get its place in a high ranking journal. I have presented papers in eight International Conferences on Policy Modeling, Input-Output Analysis and General Equilibrium Modelling organised by the Ecomod Network in Brussels since 2004 (<http://www.ecomod.net/conferences.htm>) which has helped me to remain in touch with applied economic modellers. Similarly regular presentation of papers and attendance to the Public Economic Theory Conference since 2004 has helped me to remain in contact with economic theorists. Connections to families and friends in Nepal have helped me to think about dilemmas of a developing economy like Nepal. My works on equilibrium, unemployment, inflation and growth have strengthened my EU connections.

3) Redistributive Taxation and Income Inequality

My papers in *Economica* and Empirical Economics touch on these issues. A paper on redistributive taxation and long-run income inequality with Professor Carlo Perroni (Warwick) recently presented at the Public Economic Theory Conference (PET2009) in Galway, Ireland deals on inter-cohort and intra-cohort distribution problems suitable for analysis of life cycle income and savings of millions of households. It is being revised for submission to a high ranking journal. Lucian Albu (Romania) has agreed to publish my two papers on strategic models of poverty and on fuel poverty in Yorkshire in the Romanian Economic Journal in 2009. The Journal of Problems and Perspective of Management has accepted to publish tax and growth paper in issue 2009/3.

4) International Trade and Finance

I have presented my own papers in the European Economics and Finance Society in Warsaw in 2009 and in Prague (2008). I have written joint papers with Professor Subrata Ghatak on FDI, with Sushanta Mallick (Queen Mary) on Trade and Exchange Rates and with Huw Edwards (Loughborough) in skill premium, growth and trade targeting high quality journals. Papers in the Atlantic Economic Association (2007), International Conference (INFER 2009) in Sterling, Scotland and in Macro Money and Finance (MMF 2009) at Bradford also belong to this category.

5) Statistical and Econometric Analysis

I have taught econometrics and statistics at MSc/MA/MRES/PhD and UG levels and written workbooks some papers applying econometric and multivariate analysis. Some of these are submitted to journals and others have appeared as working papers. Econometric and stochastic general equilibrium models for policy evaluation of UK and Euro area and the US from the Modelling Economic Dynamics Conference integrates general equilibrium and econometric analyses.

6) Research Led Teaching

I have developed a new approach to teaching economics over years which has benefitted from meetings, collaborations and discussions with colleagues in the department. Recently I have thought about bringing a new revolution in teaching economics and presenting these ideas to forums like Development of Economics Education and to discuss at the American Economic Association Meeting in Atlanta in January 2010. I bring my research to teaching, refining tools in micro, macro, statistical and econometrics as required for economists at both the undergraduate (BA/BSc) and the post-graduate (MSc/MA/MRES/PhD) levels. I have published three books that explain the theories, computations and applications underlying these models and used them in my teaching. I am comfortable teaching a number of software including **OX-GiveWin-PcGive, GAMS/MPSGE, MATLAB, LIMDEP, RATS, MICROFIT, EIEWS, SHAZAM, SPSS, MINITAB, STATA, Nvivo and Excel**. My active membership to more than seven professional organisations in economics helps me in updating to most recent developments and to initiate collaborative research with colleagues in the UK and other countries. I do this by working with 16-20 journal articles, supervising PhD/MSc/MBA and advanced undergraduate students in their research.

IV. Academic Degrees

Final degree:

Ph.D. in Economics (1997) Northeastern University, Department of Economics,
Boston MA 02115, **USA: Successful Completion** 1991-1996

First degrees:

MA Economics (with Econometrics) - **First Class, TU-Nepal** 1981-1984
Bachelor of Law (private)- **Second Class, TU-Nepal** 1985-1988.
M.A. in Development Studies (Economic Policy & Planning) **B+**
Institute of Social Studies, Hague, Netherlands Sept 1988- Dec 1989

Schools:

Valmiki Campus, TU, Kathmandu, Diploma with Merit 1976-1980
(Panini's Grammar, Economics, English, Philosophy and Religion)
Ranipokhari Sanskrit, High School, Kathmandu 1973-1975
108 Shadang Ved Vidyalaya of Galeshwar Baba, Devghat, Tanahun 1970-1972
Traditional Primary Schools of Nepal 1966-1970

Prizes and scholarship

School

Full Scholarship for education for 1970-1972 and 1975 - 1981

College

Nepal Rastra Bank Scholarship for outstanding achievement for MA in Economics

University

Fullbright Travel Grant to Study in the US, 1991
Northeastern University Tuition Assistantship, 1991-1995
Northeastern University Teaching and Research Assistantship 1991-1995
Lectureship in Economics at the University of College of NU 1994-1996
Dutch Government Scholarship for MA in Economic Policy in Holland, 1988-89

Other

ESRC fellowship for post doc studies on building dynamic general equilibrium model for UK policy issues at University of Warwick

Professional Qualifications: Yoga, Economic Modelling in GAMS/MPSGE/PcGive.
Working knowledge of Unix system and programming languages like Fortran, C, C++.

(III) Academic Posts

- **Lecturer in Economics, University of Hull 1999- Continued**
(School of Economic Studies merged to the Business School in 2003)
- **Consultant** to Dynamic General Equilibrium Model of the US Economy, Beaconhill Institute, University of Suffolk Boston, USA, 2006-2007.
- **Research Fellow/Associate:** Department of Economics, University of Warwick, Coventry CV4 7AL **UK** constructed Static and Dynamic General Equilibrium Analysis of Tax and Trade in the UK under the ESRC Macro Modelling Programme, **April 1996-August 1999**.
Supervisor: Professor Whalley Professional Colleague: Professor Carlo Perroni.
- **Lecturer of Economics:** Department of Economics, Northeastern University, University College, Boston, MA 02115 **USA** Micro Economics, Macro Economics, Economics of Growth and Development, **1993 to 1996**.
- **Teaching and Research Assistant:** Department of Economics, Northeastern University, Boston, MA 02115, **USA 1991-1993**; Trade, Mathecon, Econometrics, Statistics and Research.

Other work experience:

- **Considerable experience in administration:** (Government of Nepal) National Planning Commission 1987-1991; Ministry of Education and Culture 1984-1987.
- **Superintendent Officer:** Nepal Bank Ltd., Pokhara Branch, **Nepal** 1981-83.
- Consultancy: Election Studies- IIDS, Kathmandu 1991; Education Planning Training HIID-Boston- 1992; Assessment of the Need of International Students Northeastern 1991-1992. Member of the Editorial Board of Arunodaya journal -published from Sanskrit Hostel, 1978-79.

V. Details of Journal Publications:

1. Bhattarai K and John Whalley (2009) Redistribution Effects of Transfers, **Economica**,76:3:413-431.
2. Bhattarai K., (2008) An Empirical Study of Interest Determination Rules, **Applied Financial Economics**, 18:4:327-343, March.
3. Annotation of the “Static and Dynamic General Equilibrium Tax and Trade Policy Models of the UK Economy” Book in **Journal of Economic Literature** XLVI:3: September,2008, page 762.
4. Annotation of the “Economic Theory: Derivations, Computations and Applications” Book in **Journal of Economic Literature**, XLVI:3 September 2008, page 756.
5. Annotation of the “Models of Political and Economic Growth in Nepal” Book in **Journal of Economic Literature**, XLVI:1: March 2008, page 248.
6. Bhattarai K.(2007) Welfare Impacts of Equal-Yield Tax Experiment in the UK Economy, **Applied Economics**, 39, 10-12, 1545-1563, June-July.
7. Bhattarai K. (2007) Economic Models of Hull and Humber Region, **Atlantic Economic Journal**, 35:473-490 December.
8. Bhattarai K and J Whalley (2006), Division and Size of Gains from Liberalization of Trade in Services, **Review of International Economics**, 14:3:348-361, August.
9. Bhattarai K (2006) Macroeconomic impacts of consumption and income taxes: A general equilibrium analysis, **Indian Economic Journal**, 54:2:95-116, July-September.
10. Bhattarai K. (2006) Consequences of April 2006 Revolutionary Changes in Nepal: Continuation Nepalese Dilemma, **Indian Journal of Economics and Business**, 5:2:315-321, December.
11. Bhattarai K (2005) Consumption, Investment and Financial Intermediation in Ramsey Models, Applied Financial Economics Letters, **Applied Financial Economics Letters** 1:6:1-5.
12. Bhattarai K. (2004) Multi-Sectoral Multi-Household General Equilibrium Tax Model: An Application, **Problems and Perspectives in Management**, 3: 216-241, ISSN 1727-7051.
13. Bhattarai K. and J Whalley (2003) Discreteness and the Welfare Cost of Labour Supply Tax Distortions, **International Economic Review** 44:3:1117-1133, August.
14. Bhattarai K (2003) Efficiency and Factor Reallocation Effects and Marginal Excess Burden of Taxes in the UK Economy, **European Research Studies**, v. 6, iss. 3-4, pp. 177-205.
15. Bhattarai K. and J. Whalley (2002) Discreteness and the Welfare Cost of Labour Supply Tax Distortions, **Working Paper no. 20023**, University of Western Ontario, Canada.
16. Bhattarai K. (2001) Welfare Gains to UK from a Global Free Trade **the European Research Studies**, Vol. IV, Issue 3-4.
17. Bhattarai K. (2001) Welfare Gains to Small Asian Economies from a Global Free Trade, **Economic Journal of Development Issues** Vol. II No. 1&2, Jan-June and July-December.
18. Bhattarai K and J. Whalley (2000) General Equilibrium Modelling of UK Tax Policy in S. Holly and M Weale (eds.) **Econometric Modelling: Techniques and Applications**, pp. 69-93, the Cambridge University Press.
19. Bhattarai K. and J. Whalley (1999) Role of labour demand elasticities in tax incidence analysis with heterogeneity of labour, **Empirical Economics**, 24:4:599-620, November.
20. Bhattarai K., M. Ghosh and J. Whalley (1999) On some properties of a trade closure widely used in numerical modelling, **Economic Letters**, 62:1:13-21, January.

21. Bhattarai K and J Whalley (1998) "Division and Size of Gains from Liberalization of Trade in Services" **NBER Working Paper**, No. 6712 August.
22. Bhattarai K and J Whalley (1997) Discreteness and the Welfare Cost of Labour Supply Tax Distortions, **NBER Working Paper**, No. 6280, November.
23. Bhattarai K and J. Whalley (1997) Redistribution Effects of Transfers, **NBER Working Paper**, No. 6281, November.
24. Bhattarai K (1991) Need of Overhaul of the Planning Commission of Nepal, **the Rising Nepal**, Aug. 14, 1991.

Publication of Books

1. Economic Theory and Models: Derivations, Computations and Applications, Serials Publications, New Delhi, ISBN: 978-81-8387-141-9, 2008.
2. Static and Dynamic Applied General Equilibrium Tax and Trade Policy Models of the UK Economy, Serials Publication, New Delhi, ISBN 978-81-8387-138-9, 2008.
3. Models of Economic and Political Growth in Nepal, Serials New Delhi ISBN 978-81-8387-109-9; 2007.
4. Financial Deepening and Economic Development in Nepal: A Forward Looking CGE Model with Financial Intermediation, Ph.D. dissertation Northeastern University, Boston, Massachusetts, USA, 1997.

Workbooks for Teaching prepared at the University of Hull, Business School.

Workbook on Advanced Economic Theory for PhD, Multivariate Analysis for MRES/PhD, Economic Modelling Part I and II, Econometric methods and Research Techniques for PG and UG, on microeconomics and macroeconomics.

Chapters in published books

1. Modelling Economic Impacts of Low Carbon Electricity with Yago, Atkins, Green and Trotter in Grubb, Jamasb and Pollitt (ed.) Delivering a low-carbon electricity system, Cambridge University Press, 2008.
2. (with J Whalley) "General Equilibrium Modelling of UK Tax Policy" in S. Holly and M Weale (eds.) *Econometric Modelling: Techniques and Applications*, pp. 69-93, the Cambridge University Press, 2000.
3. (with J Whalley) "Role of Heterogeneity of Labour Demand in Tax Incidence Analysis" in Baldev Raj and R. Boadway (Eds.) *Advances on Public Economics*, pp.47-69, Physica-Verlag, 2000.
4. (With M Ghosh and J Whalley) "More on Trade Closure" in L Raut and G Ranis (eds.) Trade, Growth and Development: Essays in Honour of Professor T N Srinivasan, *Contribution to Economic Analysis 242*, Elsevier, NorthHolland 1999.

Working Papers and Research Memoranda from Hull

1. Bhattarai (1999) A Forward-Looking Dynamic Multisectoral General Equilibrium Model of the UK Economy, Hull Economics Research Paper no. 269.
2. Bhattarai (2000) Efficiency and Factor Reallocation Effects and Marginal Excess Burden of Taxes in the UK Economy Hull Economics Research Paper no. 278.
3. Bhattarai (2001) A Prototype Multi-Sectoral Multi-Household General Equilibrium Tax Model, Working Paper no. 9, Hull Advances in Policy Economics Research Papers.
4. Bhattarai (2000) Welfare and distributional Impacts of financial liberalisation in a developing economy: Lessons from a forward looking CGE model of Nepal, Working Paper no. 7, Hull Advances in Policy Economics Research Papers.
5. Bhattarai (2000) Welfare Gains to the UK from a Global Free Trade, Working Paper no. 6, Hull Advances in Policy Economics Research Papers.
6. Bhattarai with B. Jones (2000) Macroeconomic Fluctuations in the UK economy, Working Paper no. 5, Hull Advances in Policy Economics Research Papers.
7. Bhattarai with T. Wisniewski (2000) Determinants of Waged and Labour Supply in the UK, Hull Economics Research Paper no. 277 accepted for publication in the European Research Studies.

8. Bhattarai (2004) Interest Determination Rule four UK and Other Four Major Industrial Economies a Research Memorandum no. 42 Business School, University of Hull.
9. Bhattarai (2004) Macroeconomic Impacts of Consumption and Income Taxes: A General equilibrium Analysis, Research Memorandum no. 41 Business School, University of Hull.
10. Bhattarai K (2005) Economic Growth: Models and Global Evidence, Research Memorandum no. Business School, University of Hull.
11. Welfare and Growth Impacts of Taxes: Applied General Equilibrium Models of Ghana, with Emmanuel Okyere, Research Memorandum, No. 53, 2005, Business School, University of Hull, UK.
12. The Effects of Exchange Rate on the Trade Balance in Ghana: Evidence from Cointegration Analysis, with Mark Armah, Research Memorandum, No. 52, 2005, Business School, University of Hull, UK
13. Capital Accumulation, Growth and Redistribution in UK: Multisectoral Impacts of Energy and Pollution Taxes, Research Memorandum, No. 64, 2007, Business School, University of Hull, UK.
14. Is There Any Evidence On Unemployment-Inflation Trade-Off In OECD Countries In Recent Years?" Research Memorandum, No. 61, 2007, Business School, University of Hull, UK

Book reviews

- Journal of Development Studies, Apr2000, Vol. 36 Issue 4, p188, 4p; Richard M Bird and Francios Vaillancourt ed, Fiscal Decentralisation in Developing Countries, Cambridge, Cambridge University Press, 1999, pp Xiv 304 £37.50 ISBN 0521 641438
- Journal of Development Studies, Apr2005, Vol. 41 Issue 3, p500-511, 12p; DOI: 10.1080/0022038042000313286; International Finance and Developing Economies, by Graham Bird, Basingstoke, Palgrave Macmillan, 2004, pp 317, £55 ISBN 0333733975
- Journal of Development Studies, Feb2004, Vol. 40 Issue 3, p182-183, 2p; Explaining Growth: A Global Research Project edited by Gary McMohon and Lyn Squire, Basingstoke, Palgrave, Macmillan for International Economic Association, Conference Volume Number 137, 2003, pp 263, £18.99, ISBN 1 4039 1746 9

VI. Supervision of Student Research

Ph. D. Supervision (Current Hull)

Emmanuel Okyere: "Dynamic General Equilibrium modelling of growth and poverty in Ghana"

MRES: Adu Abraham : Volatility of Inflation in Ghana.

Ph.D. Dissertations Supervised to Successful Completion

Andrew Sloan (2009): Heterogeneous macro dynamics among UK Regions .

Sehm Negm (2009): Free Trade and Economic Growth in Egypt.

Ahmet Al-Busaidy (2009) Industrial Clusters in Oman (with Steve Trotter)

Hoessein Panahi (2008) "Geographic Proximity and Economic Growth" (with Richard Green)

Mark K. Armah (2007) "Econometric and General Equilibrium Analysis of Exchange Rate in Developing Economies"

Francesco D. Bispham (2006) "Panel-Cointegration and Unit Roots and Efficiency of Asymptotic Estimators"

Naveed Hassan Naqvi (2003) "The Relationship Between Private and Public Capital and Impact on Economic Growth: The Case of Pakistan".

General Equilibrium Modelling of the Energy Sector for the UK Economy for Supergen project - I directed the modelling framework for this project.

Team: Dr. Milton Yago, Dr. Jon Atkins, Dr. Steve Trotter, Professor Richard Green.

External Examination of PhD Dissertations

External Examiner of DPA dissertations Newcastle University of Australia.

Lakshmi Kumar (2008) Indian Institute of Technology Madras, Chennai 600036, India.

Topic: "Information Technology in Indian Banking: Investments and Impacts on Structure and Performance of Banks"

Ravshanbek Turabekovich Dalimov (2007) National University of Uzbekistan 2007.

Topic: "Modelling international economic integration and economic development"

Isvar P. Hegde (1998) Department of Postgraduate Studies and Research in Economics of Karnatak University, Dharwad, India.

Topic: Input-output modelling of economic growth and structural change in India.

External informal supervision to Chandra Adhikari's PhD dissertation from the University of Reading on poverty and industrialisation issues of Nepalese economy (2009).

Ph.D. Dissertations Examined

Hamad El-Nil Gadain Mustafa (2002) "Aspects of Sudanese Trade: 1970-1992".

Basil Morris Jones (2001) "Growth, Convergence, and Economic Integration in West Africa".

Qiang Fu (2000) "Bayesian Multivariate Time Series Models for Forecasting European Macroeconomic Series".

Supervision of MSc/MBA/MRES and Undergraduate Level Research

I have been supervisor of MSc/MBA dissertations ever since I came to Hull in 1999. Each Masters thesis comprises 60 out of 180 credits in the MSc/MBA degree and is done by the students at the end of their study period after completing their course works. **Undergraduate Dissertations** are similar to the Master's theses but comprise 40 credits out of 360 credits in the degree and is done in their final year. **Independent study** is a 20 credit module but the group is often larger usually in 40s. Each of these research works require good analytical framework, clear questions, literature review, analysis and conclusions and the central piece of work that students' learning experience in their degrees. Some of these are from the overseas programme in the Middle East, Singapore and Hong Kong. List of students and their projects is listed at

http://www.hull.ac.uk/php/ecskrb/supervision_08.pdf

VII. Teaching and Course Development

I have extensive experience of teaching, curriculum development, academic administration *including* setting and scrutinising exam papers, assessing and comparing quality of submitted works across PhD, MSc. and undergraduate programmes in economics.

I have developed modules and prepared lecture outlines from scratch and formulated problems in such a way that students grasp the basic modelling techniques in economics. I have posted the syllabus and teaching materials for students to review at the Blackboard/Ebridge and at my personal web page: <http://www.hull.ac.uk/php/ecskrb/>. Some of these modules are offered but some of them have been renamed or now taught by other colleagues in the department. Still these postings are found useful by students.

As an external examiner in the MSc programme in the London Metropolitan I am further involved in various aspects relating to academic qualities and standards appropriate for reputable higher education institutions in the UK.

VIII. Presentations in International Conferences

- Paper accepted for Money Macro and Finance (MMF 2009), University of Bradford, Sept 4-7, 2009.
Paper: Simultaneous equation model of growth, inflation and interest rates
- Paper accepted for INFER 2009, Sterling, Scotland September 4,6, 2009.
Paper: Growth and exchange rates in the global economy
- European Economic Association and European Meeting of the Econometric Society, August 23-27, 2009, Barcelona, Spain.
Paper (jointly with Parantap Basu) : Openness and Economic Growth
- International Conference on Economic Policy Modelling, Ottawa, Canada, June 24-26, 2009.
Paper:
• PET2009, Galway Ireland, 18-20, June, 2009 (Paper jointly with Carlo Perroni: Redistributive taxation and long-run income inequality).
Paper (jointly with Carlo Perroni) Redistributive taxation and long-run income inequality.
- European Economics and Finance Society Conference, 2009, Warsaw, Poland June 4-7, 2009.
Paper: Welfare impacts on multi-household general equilibrium tax model with money for an open economy.
- Dynamic multi-household general equilibrium model for policy simulations for Germany, France, Spain and UK, Modelling Employment and Inequality, Mini-Workshop, Loughborough University, Jan 19, 2009.
- Modelling Economic Dynamics, August, 23-25, London, UK (paper: Econometric and Stochastic Dynamic General Equilibrium Models for Evaluation of Economic Policies)
- World Game Theory Conference, Evanston, Illinois, USA, July 16-18 2008 (Paper: Bargains, Coalition, Signalling and Repeated Game for Economic Development and Poverty Alleviation)
- International Conference on Economic Policy Modelling, Berlin, July 2008 (General Equilibrium with Unemployment: Theory and Application)
- Sixth Public Economic Theory Conference Seoul, South Korea (papers: 1)Openness and Economic Growth 2) Bargaining and Coalition in Political Constitution And Economic Models For The Republic Of Nepal
- European Economics and Finance Society, Prague, May 2008 (paper: Financial deepening and economic growth in EU countries:

- Equivalence between Shapley-Shubik core in games and general equilibrium models)
 - 65th International Conference, Atlantic Economic Association Conference Madrid, April 9-12, 2008
- paper: Taxes, Public Spending and Economic Growth in OECD Countries
- Conference on Growth Development and Poverty (GDP2007), Dec 16-18, 2007.
- 9th INFER Conference, Loughborough, England, October 12-14, 2007
 - Paper Economic Models of the Humber Region
- Energy sector Modelling Conference, Moscow, September 12-15, 2007:
 - Paper Impacts on Capital Accumulation and Growth of Environmental Taxes in the UK economy
- EEA/ESEM meeting Budapest, August 26-31, 2007:
 - paper Fuel Poverty in England
- Modelling Economic Dynamics Conference, Hull, August 23-25, 2007
- Papers: Economic growth: models and global evidence Impacts on Capital Accumulation and Growth of Environmental Taxes in the UK economy
- Economic Policy Modelling Conference, Sao Paulo, Brazil, July 11-13, 2007
 - Paper: Strategic models of poverty
- Public Economic Theory Conference, PET2007, Nashville Tennessee, USA, July 5-8, 2007
 - Paper: Fuel poverty
- Ecomod conference in Regional and Urban Economic Modelling, Brussels June 1-2, 2007
 - Paper: Economic Models of Humber Regions
- Atlantic Economic Association Conference Madrid, March 14-18, 2007
 - Paper: Regulation of financial markets
- American Economic Association and Econometric Society Conference, Chicago, Jan. 2007
 - Chaired and discussed papers on a session on welfare economics
- European Economic Association and econometric society conference, Vienna, Austria Aug. 06
- International input-output Association Conference, Sendai, Japan
- Capital accumulation and growth
 - International Economic Policy Conference in Hong Kong, June 28-30, 2006
 - An Empirical Study of Interest Determination Rules
 - Political economy of conflict and growth: Nepalese Dilemma
- 61st International Atlantic Economic Conference, Berlin Germany 15-19 March 2006
 - Unemployment and inflation in OECD countries: Panel study.
- Conference on Supergen Modelling activities, University of Birmingham, April 2006.
 - 123 sector model of the UK economy
- American Economic Association Meeting, Boston USA, January 2006
- Conference on Supergen Modelling activities, University of Manchester, June 2005.
 - Development in the electricity model of the UK economy
- Keynesian Legacy to Macroeconomic Modelling, Cassino, Italy, Aug 16-18, 2005
 - Paper: Keynesian macroeconomic models for policy analysis
- Econometric Society World Congress, UCL, London, Aug 18-23, 2005; participant.
- Conference on the Occasion of Ken Binmore's 65th Birthday, UCL, London Aug 16-17, 2005.
- Participant Public Economic Theory Conference, Marseille France June, 2005.
- Hull-UCC One day Conference April 2005 (with Armah, Okyere and Ryan).
 - Paper with Mark Armah on Exchange rate models of Ghana
 - Paper with Okyere on General equilibrium model for policy analysis of Ghana
- Attended AEA Conference in Pennsylvania in January 2005.
- Paper presented in Input-Output and General Equilibrium Conference in Brussels in 2004.
- Paper: Equal yield dynamic tax model of the UK economy
- Presented Papers in PET04 Conference in Beijing University in August 2004.
 - Paper: Economic growth: models and global evidence
- Visited Economics and Business Department of the Monash University of Australia on April 19, 2004.
- Australasian Macroeconomics Workshop 2004, ANU, Canberra, Australia, 15-16 April, 2004.
 - Unemployment and inflation in OECD economies
- Joint presentation with Richard Green at CEEPR MIT, April 9, 2004.
- Supergen Modelling project
 - Presented a paper in the Economics Department of Northeastern University, April 8, 2004
 - Paper: Econometric and general equilibrium model of wage determination
- Paper accepted in the Indian Finance Society Conference in IGRD Institute, Bombay India, 25-25 March 2004.
 - Paper: Impact of discreteness and tax distortions in labour supply.
- American Economic Association's Annual Meeting, San Diego, California, Jan 3-5, 2004.
- Participant Macroeconomics and the Policy Process, NIESR, London, 14 May 2003.
- Participant Annual Econometrics conference, York, July 2003.
- ESRC Econometrics Conference, Bristol July 10-12, 2003.
 - Paper : Determinants of wage rate in the UK
- International Finance Society conference in London; November 2002
 - Paper: Interest rate rule in four major industrial economies
- International Finance Society conference in London; November 2001
 - Paper: Welfare impacts of global trade in the UK economy
- RES-2000 and IFS-Econometrics Conference 2000 - participant
- Applied Policy economics conference July 2000, Economics, University of Hull ;
 - Paper: Welfare impacts of global free trade
- Canadian Economic Conference, Vancouver, June 1-4, 2000
 - Paper: Forward-looking general equilibrium model of the UK economy
- ESRC-DSG conference Nottingham March 27-29, 2000

- Paper: Impact of financial market liberalisation in the UK economy
 - School of Economic Studies Hull University October 29 1999
 - Paper: Forward-looking general equilibrium model of the UK economy
 - School of South East Asian Studies, Hull University, November 19, 1999
- Paper: Financial liberalisation and growth in Nepal
 - NBER International Trade and Investment Conference, Aug3-6, 1998, Boston, USA.
- Paper: Division of gains from liberalisation in trade in services
 - International Dynamic CGE conference, Denmark, June 14-17, 1998
- Paper: Dynamic CGE model of the Nepalese economy and financial liberalisation
 - Royal Economic Society Meeting, University of Warwick, March 31-April 3 1998
 - Paper: Division of gains from liberalisation in trade in services
 - NBER Organized Trans-Atlantic Public Economics Seminars, Copenhagen Denmark 20-24 May 1998
 - Paper: Redistribution effects of transfers
 - University of Copenhagen, Economics Department, EPRU, Denmark, Nov. 97
 - Paper: Division of gains from liberalisation in trade in services
 - University of Western Ontario, Department of Economics, London, Canada, Oct97,Dec.96
 - Paper: Redistribution effects of transfers
 - Indira Gandhi Institute of Development Research, Bombay, India April 1997.
 - Paper: Labour supply impacts of discreteness and tax distortions
 - University of Warwick, Department of Economics, June 1997, May 1996
- Paper: Dynamic general equilibrium model to assess the impact of financial liberalisation
 - Northeastern University Boston, March 1996, June 1995, September 1994
- Paper: Dynamic CGE model of the Nepalese economy
 - Participated in American Economic Association Meeting in Boston January 1994
 - Institute of Social Studies, Hague Netherlands, November 1990
- Paper: Multi-sectoral and multi-regional general equilibrium model of the Nepalese economy
 - Macro economic policy for economic development
 - Review of Personnel Administration Law of Nepal, Institute of Law, Kathmandu, 1987.
 - Analysis of Nepalese Laws on Cheating, Institute of Law, Kathmandu, 1988