

MICHAEL ANDREW TRIBE
Curriculum Vitae – Full Version

DATE OF BIRTH: 10 October 1943

PLACE OF BIRTH: Erith, Kent, UK

CITIZENSHIP: British

HOME ADDRESS:

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EDUCATION

BA (Econ) - Economics with Applied Economics (1965), University of Sheffield

MA African Studies (Economics) (1969), University of East Africa (Makerere University College, Uganda)

PhD - Published work in Development Economics (1992), University of Bradford

RESEARCH INTERESTS

Economic Development Planning and Policy in less developed countries

Industrial Development in Developing Countries (particularly sub-Saharan Africa)

Project Planning and Appraisal Methods in less developed countries

TEACHING INTERESTS AND EXPERIENCE

Development Economics/Economic Development, Development Planning and Policy, Project Appraisal and Management

CURRENT HONORARY OR PART-TIME POSITIONS

Honorary Lecturer, Department of Economics, University of Strathclyde – from October 2009

Business School Affiliate, Department of Economics and Centre for Development Studies, University of Glasgow – from 2009

PAST POSITIONS

External Lecturer, Institute for Development Policy and Management, University of Manchester – from 2008-2011

Teaching Assistant, Department of Economics, University of Strathclyde – from October 2005 to September 2009

Lecturer / Senior Lecturer, Bradford Centre for International Development, University of Bradford – 1985-2002

Research Fellow, David Livingstone Institute for Overseas Development Studies,
University of Strathclyde – 1978-1985

Research Fellow, Centre for Development Studies, University of Cape Coast, Ghana
– 1982-1984

Lecturer / Research Fellow, Departments of International Economic Studies and of
Political Economy, University of Glasgow – 1972-1978

Assistant Lecturer / Lecturer, Department of Economics, Makerere University
Kampala, Uganda – 1967-1971

EXTERNAL AND OTHER ACADEMIC ACTIVITY

Council Member, Development Studies Association of UK and Ireland – from 1995
(September) to 1999 (September) and from 2013 (November) to 2014
(November) – Honorary Secretary from 2000 (July) to 2013 (November)

UK Co-ordinator, Ghana Development Studies Academic Link Programme – linking
the University of Bradford with three Ghanaian universities – 1991-2001

External Examiner (Urban Economic Development Masters degree) – Development
Planning Unit, University College London – from 2006/7 to 2009/10 and from
2013/14 to 2016-2017.

External Examiner (International Development Field for undergraduate degrees) -
School of Social Sciences, Media and Cultural Studies, University of East
London – from 2003/4 to 2007/8

External Examiner (Masters Degrees in Development Economics and in Industrial
Development) – School of Development Studies, University of East Anglia –
1998-9 to 2000-1

External Examiner for PhD theses - Department of Economics, University of
Manchester; Institute for Development Policy and Management, University of
Manchester; Department of Economics, University of Strathclyde; Department
of Economics and Economic History, Manchester Metropolitan University;
School of Development Studies, University of East Anglia; Department of
Geography, Liverpool John Moores University; Department of Economics,
Peshawar University, Pakistan; Department of Economics, University of
Sindh, Jamshoro, Pakistan

External Scrutineer for Augmented Annual Monitoring of 6 Masters degrees in the
Development Planning Unit, University College London, April/May 2013

External Assessor for periodic subject review of Undergraduate and taught Masters
degrees in Development Studies, 'Culture, Development and the
Environment', University of Sussex, May 2008

External Reviewer for periodic subject review of Undergraduate and taught Masters
degrees in Development Studies, School of Development Studies University
of East Anglia, April 2008

Member of preliminary assessment panel for research grant applications –
ESRC/DFID Growth Research Programme June 2013

PAPERS AND PUBLICATIONS

1. Books, Edited Books and Special Issues of Journals

Co-author of book with Mozammel Huq (University of Strathclyde): *The Economy of Ghana: 50 Years of Economic Development*. (September 2018). Basingstoke: Palgrave Macmillan.

Co-edited book with J. Weiss (BCID, University of Bradford): *Routledge Handbook of Industry and Development*. (2015). London: Routledge.

Co-author of book with Frederick Nixon (University of Manchester) and Andrew Sumner (Institute of Development Studies at the University of Sussex): *Economics and Development Studies*. (2010): London: Routledge – in the 'Perspectives on Development' Series.

Co-edited special issue of *Journal of International Development* (2009) – papers from the 2008 Development Studies Association conference "Development's Invisible Hands" – with Alan Thomas (University of Wales, Swansea) and Andrew Sumner (Institute of Development Studies, University of Sussex). 21 (6).

Co-author of book with Andrew Sumner (Institute for Development Studies at the University of Sussex): *International Development Studies: Theory and Methods in Research and Practice*. (2008). London: Sage Publications.

Co-edited Policy Arena in *Journal of International Development* (2006) – with Andrew Sumner (Institute for Development Studies at the University of Sussex) – "Development Economics at a Crossroads". 18 (7).

Co-edited book with John Thoburn and Richard Palmer-Jones (University of East Anglia); *Development Economics and Social Justice: Essays in Honour of Ian Livingstone*. (2005). Aldershot: Ashgate.

Co-edited special issue of *Journal of International Development* (2004) – papers from the 2003 Development Studies Association conference "Economic Development in a Changing Globalised Economy" – with Mozammel Huq (University of Strathclyde). 16 (10).

Co-edited book with Hossein Jalilian and John Weiss; *Industrial Development and Policy in Africa: Issues of De-Industrialisation and Development Strategy*. (2002). Cheltenham: Edward Elgar.

Co-edited book with Oliver Morrissey (University of Nottingham); *Economic Policy and Manufacturing Performance in Developing Countries*. (2001). Cheltenham: Edward Elgar.

Co-edited special issue of *Journal of International Development* (1999) – papers from the 1998 Development Studies Association conference "Progress Towards Global Poverty Reduction" – with Wendy Olsen. 11 (4).

Co-author of book with Michael Yaffey (Development and Project Planning Centre, University of Bradford); *Project Rehabilitation in Adverse Environments*. (1992). London: Avebury, 260 pages.

Editor; *Proceedings of the Conference on Project Rehabilitation in Developing Countries* (December 1988), Development and Project Planning Centre, University of Bradford, December 1989, 319 pages; including my own paper on “The Planning and Economic Appraisal of Rehabilitation Projects”: 57-76.

Co-editor with Professor Alec Nove and P. K. Basu; *Proceedings of the U.N. Seminar on Public Enterprise – Investment, Prices and Returns Criteria*. (1979). Kuala Lumpur: Asian and Pacific Development Administration Centre, 617 pages.

Editor; Conference Proceedings published as *Housing Problems in Uganda*; Milton Obote Foundation, Kampala, 1968, 88 pages – own chapter entitled “Housing Need and Demand”.

2. Journal Articles and Contributions to Books

“Economics Meets Psychotherapy”, *The Transactional Analyst*. 8 – Winter 2017-2018: 39-40 – (ISSN 2046-2697) – further information at <https://www.uktransactionalanalysis.co.uk/membership/member-services/the-transactional-analyst>

“International Aid to Tanzania – with some comparisons from Ghana and Uganda”, chapter in D. J. Potts (ed). Forthcoming April 2019. *Tanzanian Development: A Comparative Perspective*. Oxford: James Currey.

“Quantifying Aid Allocation: A Critical Review of the DFID Needs-Effectiveness Index”; *Global Policy*. (2017) 8 (1): 92-96.

with J. Weiss (BCID, University of Bradford) – “Editorial Introduction” in J. Weiss and M. Tribe (eds.) (2015). *Routledge Handbook of Industry and Development*. London: Routledge.

“Ethics in Development Studies research”. *Compare* (2014) 44 (2): 297-300.

with M. Huq (Department of Economics, University of Strathclyde) and Khine S. Kyaw (Cardiff School of Management, Cardiff Metropolitan University) – “The Impact of Capital Flows on Developing Countries: Empirical Exploration and Research Methodology”; *European Journal of Economics, Finance and Administrative Sciences*. (2013) 59: 115-126.

with A. Sumner (Institute of Development Studies at the University of Sussex) – “The Case for Aid in Fiscally Constrained Times: Morals, Ethics and Economics”; *Journal of International Development* (2011) 23 (6): 782-801.

with A. Lafon (European Association of Development Research and Training Institutes – EADI) – “Proceedings of the DFID-DSA-EADI-ActionAid Policy Forum”; *IDS Bulletin* (2010) 41 (1): 129-134.

“A Short History of the Development Studies Association”; *Journal of International Development* (2009) 21 (6): 732-741.

with A. Sumner (Institute of Development Studies at the University of Sussex) – “Development studies and cross-disciplinarity: Research at the social science-physical science interface”; *Journal of International Development* (2008) 20 (6): 751-767.

- with J. V. Mensah (University of Cape Coast Ghana) and J. Weiss (University of Bradford) – “The Small-Scale Manufacturing Sector in Ghana: A Source of Dynamism or of Subsistence Income?”; *Journal of International Development* (2007) 19 (2): 253-273.
- with A. Sumner (Institute of Development Studies at the University of Sussex) – “Development Economics at a Crossroads: Introduction to a Policy Arena”; *Journal of International Development* (2006) 18 (7): 957-966.
- “Globalisation, Economics and Social Science”; chapter in A. Carling (ed) (2006) *Globalization and Identity*. London: I. B. Tauris & Co: 43-54.
- “Economic Efficiency Measures for Small-Scale Enterprises in Developing Countries”; chapter in M. Tribe, J. Thoburn and R. Palmer-Jones (eds.). (2005) *Development Economics and Social Justice: Essays in Honour of Ian Livingstone*. Aldershot: Ashgate: 219-232.
- “Industrialization and Trade Policy”; entry in Forsyth, T. (ed.) (2004) *Encyclopedia of International Development*. London: Routledge.
- with M. Huq (University of Strathclyde) – “Economic Development in a Changing Globalized Economy” – editorial introduction to *Journal of International Development* (2004) 16 (7): 911-923.
- with N. Wanambi, “Development Expenditure Management in Uganda” – in D. Potts, P. Ryan and A. Toner (eds.) (2003) *Development Planning and Poverty Reduction*. London: Palgrave-Macmillan: 148-163.
- with I. Acheampong (Dept. of Economics, University of Cape Coast, Ghana); “Sources of Industrial Growth: The Impact of Policy on Large and Medium Scale Manufacturing Performance in Ghana”, chapter in O. Morrissey and M. Tribe (eds.) (2001) Cheltenham: Edward Elgar: 16-44.
- “An Overview of Manufacturing Development”, chapter in D. G. R. Belshaw and I. Livingstone (eds.) (2002) *Renewing Development in Sub-Saharan Africa: Policy, Performance and Prospects*. London: Routledge: 263-284.
- “The Concept of ‘Infant Industry’ in a sub-Saharan African Context” – chapter in H. Jalilian, M. Tribe and J. Weiss (eds.) (2000) Cheltenham: Edward Elgar: 30-57.
- “A Review of Recent Manufacturing Sector Development in sub-Saharan Africa” – chapter in H. Jalilian, M. Tribe and J. Weiss (eds.) (2000) Cheltenham: Edward Elgar: 75-106.
- with I. Acheampong (Dept. of Economics, University of Cape Coast, Ghana); “The Response of Ghana’s Manufacturing Sector to Structural Adjustment” chapter in P. Cook, C. Kirkpatrick and F. Nixon (eds.) (1997) *Privatisation, Entrepreneurship and Economic Reform*. Cheltenham: Edward Elgar: 63-85.
- with R. Auty (Dept. of Geography, University of Lancaster); “Pollution Patterns in the Industrialisation Process” in R. Auty and K. Brown (eds.) (1997) *Approaches to Sustainable Development*. London: Cassell: 220-246.
- “Environmental Control and Industrial Projects in Less Developed Countries”; *Project Appraisal*. (1996) 11 (1): 5-25.

- with I. Livingstone (School of Development Studies, University of East Anglia); "Projects with long time horizons: response"; *Project Appraisal*. (1996) 11 (2): 135-139.
- with I. Livingstone (School of Development Studies, University of East Anglia); "The Discount Rate and the Economic Appraisal of Projects with Long Time Horizons"; *Project Appraisal*. (1995) 10 (2): 66-76.
- "Rural Small-Scale Industrial Development in Ghana: An Exploration of Issues"; *Science, Technology and Development*. (1995) 13 (1): 50-62.
- "Appraising Small-Scale Modern Dairy Development in Kenya"; *Science Technology and Development*. (1991) 9 (1 and 2): 187-198 and in M. Huq, P. Bhatt, C. Lewis and A. Shibli (eds.) (1991) *Science, Technology and Development: North South Co-operation*. London: Frank Cass: 187-198.
- "The Economic Appraisal of Rehabilitation Projects" in C. Kirkpatrick (ed.) (1991) *Project Rehabilitation in Developing Countries*. London: Routledge: 140-155.
- "Scale Considerations in Sugar Production Planning" in R. Kaplinsky et.al. (eds.) (1989) *Cane Sugar: The Small-Scale Processing Option*. London: Intermediate Technology Publications: 53-60.
- with R. L. W. Alpine (Economics Department, University of Strathclyde); "Sources of Scale Economies: Sugar Production in Less Developed Countries" *Oxford Bulletin of Economics and Statistics* (1987) 49 (2): 209-226.
- with R. L. W. Alpine (Economics Department, University of Strathclyde); "Scale Economies and the '0.6 Rule'"; *Engineering Costs and Production Economics* (1986) 10: 271-278.
- "Critical Reflections on the Brandt Commission Report", *African Affairs* (1982) 81 (325): 577-582.
- jointly with R. L. W. Alpine (Economics Department, University of Strathclyde) "Economies of Scale in Cane Sugar Manufacturing". *World Sugar Journal* (1982) IV (10): 26-33.
- "The Inter-relations of Urban and National Planning – A Comment", *Urban Studies* (1976) 13 (2): 201-204.
- "The Household Economy and Social Security Policy", *International Journal of Social Economics*. (1976) 3 (3): 179-197.
- "African Social Security – A Comment", *Journal of Modern African Studies*. (1976) 14 (3): 514-516.
- "Economic Aspects of the Asian Expulsion", in M. Twaddle (ed.) (1975) *Expulsion of a Minority*. London: Athlone Press: 140-176.
- "Economics Textbooks for Africa", in I. Livingstone, G. Routh, J. Rweyemamu and K. E. Svendsen (eds.) (1973) *The Teaching of Economics in Africa*. London: Chatto and Windus: 181-189.
- "Housing Finance in Uganda", in J. Hutton (ed.) (1973) *The Urban Challenge*. Nairobi: East African Publishing House: 116-137.
- with D. L. Cohen (Dept. of Political Science and Public Administration, Makerere University, Uganda; "Suppliers' Credits in Ghana and Uganda – An Aspect of

the Imperialist System". *Journal of Modern African Studies*. (1972) 10 (4): 525-541.

"Patterns of Urban Housing Demand in Uganda". *East African Economic Review*. (1968) 4 (1): 35-50 – Reprinted in J. Hutton (ed.) (1973) *The Urban Challenge*. Nairobi: East African Publishing House: 138-156.

3. Working and Discussion Papers

"*International Aid to Tanzania – with some Comparisons from Ghana and Uganda*" – Discussion Paper 15-03 Department of Economics, University of Strathclyde, Glasgow April 2015 (this is a draft chapter for a projected book to be edited by Dr David Potts (University of Bradford) on "Tanzanian Development" based on a conference which took place in the University of Bradford in May 2014).

"*Aid and Development: Issues and Reflections*" – Discussion Paper 13-09 Department of Economics, University of Strathclyde, Glasgow May 2013.

jointly with Sampson Edusah, Bureau of Integrated Rural Development, University of Science and Technology, Kumasi, Ghana); "*Rural Small-Scale Industries in Ghana's Economic Development: An Agenda for Research*"; Discussion Paper No.26 (New Series) Development and Project Planning Centre, University of Bradford, October 1992, 32 pages.

"Economic Aspects of Environmental Externalities of Industrial Projects in Less Developed Countries" in *Sustainable Development and Environmental Issues: A Colloquium*; Discussion Paper No. 22 (New Series) Development and Project Planning Centre, University of Bradford, February 1992: 23-34.

"*Developing Small-Scale Agro-Processing in Kenya: Lessons from a Post-Implementation Review*"; Discussion Paper No.10 (New Series) Development and Project Planning Centre, Bradford University, August 1989, 26 pages.

"*On Being Wise After the Event: Some Evidence from Ghana on the Economic Implications of Risk and Uncertainty in Project Evaluation*"; PPC Discussion Paper No.114, Project Planning Centre, University of Bradford June 1985, 26 pages – presented to the Economic and Social Research Council's Development Economics Study Group Conference, November 1985.

"*Komenda Sugar Factory and Estate – A Case Study in Technology Selection and Performance*", Research Paper – Centre for Development Studies / David Livingstone Institute Project, University of Cape Coast, Ghana November 1983, 40 pages.

"*The National Investment Bank and the Choice of Technology*"; Research Paper – Centre for Development Studies / David Livingstone Institute Project, University of Cape Coast, Ghana December 1983, 32 pages.

"*An Approach to the Economics of Nationalisation*", EDRP Seminar Paper 167, Makerere Institute of Social Research, September 1969, mimeo, 16 pages.

"*Urban Population Growth in Relation to National Resources in Uganda*", EDRP Seminar Paper 145, Makerere Institute of Social Research, August 1968, mimeo., 13 pages.

“Preliminary Notes on a Study of the Uganda Housing Market”, EDRP (Economic Development Research Project) Seminar Paper 114, Makerere Institute of Social Research, December 1966, mimeo., approx. 30 pages.

4. Conference Papers

“African Industrial Development and the Concept of Infant Industry”; paper presented at the Development Studies Association Annual Conference, University of East Anglia, September 1997; and also presented at a Conference on De-Industrialisation in Sub-Saharan Africa: Myth or Crisis?, Development and Project Planning Centre, University of Bradford, September 1997 revised and published as a chapter in Jalilian, Tribe and Weiss (eds.) 2000.

“Sustainable Rural Economic Development: Some Theoretical and Policy Perspectives”; paper presented at an International Seminar on Sustainable Rural Development, University of Science and Technology, Kumasi, Ghana; July 1997 – revised as a DPPC, University of Bradford Discussion Paper.

jointly with I. Acheampong (Dept. of Economics, University of Cape Coast, Ghana); *“The Response of Ghana’s Manufacturing Sector to Structural Adjustment”* – paper presented to the Development Studies Association Annual Conference, Reading 1996, (25 pages) revised and published in Cook, Kirkpatrick and Nixson (eds.) 1997.

jointly with R. Auty (Dept. of Geography, University of Lancaster); *“Pollution Patterns in the Industrialisation Process”* – paper presented to the Development Studies Association Annual Conference, Dublin 1995, (30 pages) revised and published in Auty and Brown (eds.) 1997.

“The Discount Rate and the Economic Appraisal of Projects with Long Time Horizons”, (with Prof. Ian Livingstone – School of Development Studies, University of East Anglia) – paper presented to DPPC Conference on Development Projects in the 1990s, April 1995 (23 pages) – revised and published in *Project Appraisal* 1996.

“Environmental Policy, Projects and Economic Analysis for the Industrial Sector in Less Developed Countries” – presented to the Development Studies Association Annual Conference, University of Lancaster, September 1994, 24 pages – revised and published in *Project Appraisal* 1996.

“Rural Small-Scale Industrial Development in Ghana: An Exploration of Issues” – paper presented to Third World Science, Technology and Development Conference, University of Strathclyde, Glasgow, April 1993 – revised and published in *Science, Technology and Development* 1995.

“Appraising Small-Scale Modern Dairy Development in Kenya: Opportunities and Pitfalls” – paper presented to Third World Science, Technology and Development Conference, University of Strathclyde, Glasgow, April 1990 – revised and published in *Science, Technology and Development* (1991)

“The Choice of Technique in the Sugar Industry in Some Developing Countries”, David Livingstone Institute, University of Strathclyde, September 1979, mimeo., 37 pages. Paper presented to the Development Studies Association Conference, University of Reading, September 1979.

"The Political Economy of the 'Asian Problem' in Uganda: Perceptions and Realities", paper given to a Conference on Asian Trading Minorities in Tropical Africa, Afrika Studiecentrum, University of Leiden, December 1975, 14 pages. Also given at a meeting arranged by the SSRC Research Unit on Ethnic Relations, University of Bristol, held in the University of London, December 1976.

"Some Aspects of Urban Housing Development in Kenya", paper given at a conference on *Developmental Trends in Kenya*, and included in the proceedings edited by C. Allen and K. King, Centre of African Studies, University of Edinburgh, May 1972, mimeo: 243-269.

"The Rationale for Public Sector Housing Involvement in Urban Areas", seminar paper for the Uganda Institute of Public Administration, March 1970, mimeo., 17 pages.

5. Consultancy Reports and other 'Outside' Work

Review of "Teaching about Aid and Aid Effectiveness in UK Universities" with Frances Hill and Alice Munro on behalf of the Development Studies Association for the Department for International Development (2006)

Review of a consultancy report on a "Study of the Impact and Sustainability of the Economic Partnership Agreement for the Economy of Uganda" for the European Union (2004)

Jointly with Mr Nelson Wanambi - Ministry of Finance, Planning and Economic Development, Uganda – Review of Development Committee Operations, funded by UNDP; also prepared Manual for the Development Committee Operations (September 1998-May 1999) – 120 pages.

Jointly with Dr Frank Wilson – Evaluation of the African Economic Research Consortium's Postgraduate Training Programme in Sub-Saharan African Universities for the European Union on behalf of UNECIA (October-December 1997).

"Mumias Activity Notes", papers prepared as background materials for the preparation of simulation exercise for the Third World Studies Group, Open University, May 1986, 71 pages. (Modified and used in Open University Summer Schools in 1986 and 1987.)

"Trends in the Scale of Modern Sugar Factories" and *"Background Technical Information - Sugar Industry"* – consultancy reports prepared for submission by the David Livingstone Institute, University of Strathclyde to a private company, September/October 1981, 25 pages and 27 pages.

"Economic Aspects of Rapid Urbanisation", paper prepared for the Department of Urban Design, University of Edinburgh, February 1975, 8 pages.

"Housing, Rents and Subsidies", paper for a manual prepared by the Development Planning Unit, University College, London, 1973, 5 pages.

"Rent Policy in Uganda", paper commissioned by United Nations Economic Commission for Africa (UNECA) as UN E/CN.14/HOU/63; presented at an Eastern Africa sub-region meeting, Kampala, June 1970, 26 pages.

“*Housing Finance in the Public and Private Sectors*”, paper commissioned by the United Nations Economic Commission for Africa (UNECA) as UN E/CN.14/HOU/31; presented at the Eastern Africa Regional Urbanisation Seminar, Addis Ababa, January 1969, 25 pages.

6. Other Papers and Research Reports (including publications not subject to formal review)

“The Economics of Urbanisation”, in M. Safier (ed), *Urban and Regional Planning in East Africa*; Milton Obote Foundation, Kampala, 1970: 149-158.

“Uganda 1971 - An Economic Background”; *Mawazo* (Faculties of Arts and Social Sciences, Makerere University, Kampala, June 1971: 15-25.

“Social Security in an African Context”, in Tal Younis (ed), *Public Administration and the Dynamics of Change*, Glasgow College of Technology, 1978: 32-41.

“Appropriate Technology and Economic Development”; *Bank of Sierra Leone Economic Review*, Vol.15 Nos 1/2, 1982: 17-24.

“*Multi-Stage Case Study in Project Planning and Appraisal - The Kitinda Dairy Project*” – for the Kenya Institute of Administration and prepared in collaboration with KIA staff under a consultancy assignment with the British Council, August 1989, approx 150 pages. (Limited circulation)

Jointly with Michael Yaffey; Training Materials for *The Planning and Appraisal of Rehabilitation Projects*, 2 volumes, Development and Project Planning Centre, University of Bradford, August 1988, 80 pages and 115 pages. (Limited circulation)

“Project Rehabilitation in Ghana's Recovery Programme”, April 1988, 35 pages: draft paper.

“Choice of Technology and the Organisation of Production in Cane Sugar Manufacturing - Illustrations from India”, *Nigerian Journal of Rural Development and Co-operative Studies*; Vol.1 No.2, 1985: 41-57.

Contributed four chapters to “*Manual on the Choice of Appropriate Technology*”; Centre for Development Studies / David Livingstone Institute Project, University of Cape Coast, Ghana June 1984, 73 pages:

“The Role of Technology in Development”

“Establishment of Technology Operating Characteristics”

“Risk, Uncertainty and Technology Choice”

“Sugar Industry Case Study”.

Jointly edited, and contributed to, with other members of the David Livingstone Institute, University of Strathclyde, *Inventory of Adapted Technologies for ACP Countries*, Centre for Industrial Development, Brussels, 1982, 264 pages.

“*Preferential Pricing and Technology Selection in Indian Sugar Manufacturing*”, typescript 1980 / 1981, 35 pages.

“Progress Report - Sugar Industry”; (with F. Duguid) David Livingstone Institute, University of Strathclyde, June 1979, 25 pages - prepared for restricted distribution to individuals and organisations who/which co-operated during

data collection for the *Business Behaviour Research Project*, October 1978 - January 1979. Also a range of working papers related to the "Business Behaviour Research Project".

"*The Political Economy of Social Security Policy in East Africa*", typescript, discussion paper, Glasgow, November 1975, 18 pages.

"*Social Security Systems in Developing Countries*", revised version of a preliminary research report to ESCOR, U.K. Overseas Development Administration / Ministry of Overseas Development; University of Glasgow, September 1974, mimeo., 58 pages.

"Housing in Kampala", typescript, Makerere 1971. Chapter intended for inclusion in D. Parkin and R. Grillo (eds.), *Kampala: Profiles of an African City*, for publication by the University of California Press, 35 pages (eventually not published).

"Housing and Planning", (with R. Persson - UN Regional Planning Mission, Kampala) in M. Safier and B. Langlands (eds.), *Perspectives in Urban Planning in Uganda*, Makerere University, Kampala, Department of Geography, 1970, mimeo, pages 101-125.

RESEARCH AND SCHOLARLY ACTIVITIES

a) Research interests are:

Industrial Planning in Developing Countries - particularly scale/technology choice and industrial economic performance (with specialisation in the agro-industrial and small-scale sub-sectors).

Project Planning and Appraisal Methods in less developed countries (relating especially to project rehabilitation, monitoring and evaluation, and risk / uncertainty).

Economic Development Planning and Policy Issues in less developed countries. Development and Project Planning in Ghana and Uganda.

b) Research Activities

My research and related activities have had several foci.

First, I have a long-standing interest in the economic development of sub-Saharan African countries, and particularly of Ghana and Uganda. The major book written with Mozammel Huq is one significant output from this, and the interest continues.

Second, I have developed an interest in the analysis of Aid and Development and several recent papers have resulted from this. Again this interest continues, demonstrating – inter alia – the interaction between teaching at a postgraduate level and the development of research leading to publications.

Third, relating to my interest in Industrial Development, there have been several publications in this area including a co-edited book and several articles / chapters

relating to small-scale industrial development and to environmental aspects of industrial development.

Fourth is an interest in project analysis, and the article co-written with Professor Ian Livingstone demonstrates this, as well as the synergy between postgraduate teaching and academic writing. The preparation of a major case study on a small-scale milk processing plant in Western Kenya for the Kenya Institute of Administration is another example of this interest.

Fifth is work on the nature of scale economies in the cane sugar industry, started before leaving the University of Strathclyde and two key publications from the mid-1980s with Robin Alpine still stimulate significant interest (and citation). The interest in the cane sugar industry in developing countries was also related to the development of a set of training materials for the Open University in the mid-1980s.

Sixth was a programme of work (much of it jointly with Michael Yaffey at Bradford University) relating to “project rehabilitation” in developing countries from which a book and a number of other papers resulted.

Seventh, the academic link with three Ghanaian universities which ran from 1991 to 2011 involved the supervision of five doctoral theses with the successful candidates later developing high profile careers.

c) Professional recognition includes:

1) External examiner for a Masters dissertation for the Institute for Development Policy and Management, University of Manchester, 1996.

2) External examiner, University of Strathclyde: two MPhil theses for the David Livingstone Institute and two PhD theses, Economics Department, 1987-89. Further MPhil thesis for Economics Department, November-February 1990/91. Five MPhil theses for the David Livingstone Institute, January-February 1994. One PhD thesis, David Livingstone Institute, September 1997, and one MPhil thesis, Economics Department, November 1997.

3) External examiner, University of Manchester: PhD thesis, Department of Economics, May-August 1992. MSc dissertation, Institute for Development Policy and Management, October 1993 and October 1996.

4) External examiner, University of Nairobi, Kenya: undergraduate final examinations 1970 and resit examinations 1969-71, Department of Economics.

5) Editorial Advisory Board, **African Affairs**, journal of the Royal African Society/African Studies Association of the U.K. – from 1975 to 1993.

7) Elected member of the Council of the **Development Studies Association** of the United Kingdom and Ireland for a three year term at the 1995 annual conference. In 1998 I was the academic organiser for the DSA Annual Conference at the University of Bradford, and from 2000 to 2013 I was the Honorary Secretary of the Association.

d) Previously:

1) Master's degree at Makerere University College, University of East Africa the second year of which involved the preparation of a dissertation on "The Housing Market in Uganda" (including primary data collection through a questionnaire survey and the analysis of the survey results). The dissertation was not formally submitted until 1968 and the degree was awarded in 1969. An article based on the main findings of the survey was published in the **East African Economic Review** in June 1968.

2) At the University of Glasgow I made some progress on the same line of interest, but my major output at this time was a paper on the "Economic Aspects of the Asian Expulsion from Uganda" which was published as a chapter of Michael Twaddle's book in 1975 which considerably developed a mid-1971 article on the Ugandan Economy.

3) From October 1973 to September 1975 I worked full-time on a research project funded by the ESCOR of the Overseas Development Administration on "Social Security in Developing Countries". Link to earlier research provided by household consumption/ urbanisation aspects of housing/urban development research in Uganda. Overseas travel, principally for data collection, took place in November/ December 1973 to Geneva (ILO), Addis Ababa (UNECA), Nairobi - Kenya, and Lusaka - Zambia. In addition to working papers and reports, publications in the **International Journal of Social Economics**, **Journal of Modern African Studies** and **African Affairs** (review) resulted from this research.

4) In September 1978 I joined the David Livingstone Institute, University of Strathclyde, where I was initially a member of a research team consisting of 7 economists and technologists working on the "Business Behaviour Research Project" (related to the economic analysis of operating factories and of the choice of production techniques in specific industries in developing countries). I was jointly responsible for data collection in the cane sugar industry with fieldwork visits to factories and other relevant institutions in Ghana, Cote d'Ivoire, Burkina Faso (then Upper Volta), Kenya, Ethiopia, India, Bangladesh, Thailand, Malaysia, and Pakistan during October 1978 - January 1979. Data analysis followed the return to Strathclyde. This research was financed by the ESCOR of the Overseas Development Administration over the period July 1978 to June 1980.

The major output from the "sugar industry" element of the research was a discussion paper followed by two major journal articles (jointly written with Robin Alpine of Strathclyde's Economics Department) concerning the analysis of scale economies in the **Oxford Bulletin of Economics and Statistics** and in **Engineering Costs and Production Economics**. In addition a conference paper, and two brief articles in the Bank of Sierra Leone's **Economic Review** and the **Nigerian Journal of Co-operative Development** were direct outcomes of the research.

During secondment to the Centre for Development Studies, University of Cape Coast, Ghana (July 1982 to June 1984) I prepared two research papers. One concerned the investment appraisal procedures of the National Investment Bank with particular attention to the issue of technology selection. The other involved a careful ex-post evaluation of a sugar estate and factory which had reached a semi-derelict state by the early 1980s, with especial attention to the extent to which technology choice might

have affected the course of events leading to the decline and failure of the project (despite a World Bank-funded rehabilitation in the 1970s). The latter paper particularly involved assembly of “plant-level” data, but both were based on data supplied by the Ghanaian staff of the respective organisations following official approval of the research.

TEACHING AND TRAINING ACTIVITIES

Since taking early retirement from the University of Bradford in mid-2002 I have undertaken part-time teaching activity, first with the University of Bradford, and then with the Universities of Manchester, Strathclyde and Glasgow.

For the **University of Bradford** see below.

For the **University of Manchester** I supervised Masters students’ dissertation preparation over the years 2003, 2004 and 2009 to 2011, and contributed a one-semester Masters course in Economic Development for three years in 2008 to 2010 for the Institute for Development Policy Management (now the Global Development Institute).

For the **University of Strathclyde** I supervised Honours year dissertation preparation, and Masters dissertation preparation, for the Department of Economics from 2005 to 2015 – and also took Honours year seminars / tutorials in Current Economic Issues from 2007-2008 to 2011-2012, as well as tutorials for Masters courses in Microeconomics in 2013-2014.

For the **University of Glasgow** I have been either individually or jointly responsible for the delivery (including assessment) of courses in Aid and Development (2011-2012 to 2014-2015 and 2016-2017 to 2017-2018, with a contribution in 2015-2016), Project Planning, Appraisal and Implementation (2008-2009 and 2009-2010), Development Policy (2009-2010, 2017-2018 and contributions in 2013-2014, 2014-2015 and 2016-2017). In addition I have supervised Masters dissertation preparation for the Centre for Development Studies / Adam Smith Business School from 2010 to 2018.

Bradford Centre for International Development, University of Bradford 1985 to 2008:

1) Major teaching in the **Masters Programme** in Development Planning and Development Policy core courses during the period from 1989-90 to 2007-2008 as well as contributions to other courses within the Masters programme and supervision and marking of extended essays / dissertations. In this period I was also responsible for introducing a pre-Masters **Diploma in Development Economics**.

2) For much of this period I was responsible for the teaching of an **Undergraduate** course in Development Economics.

3) From the early 1990s I had an increasing role in **Doctoral Research** supervision, particularly associated with the **Ghana Development Studies Link Programme**.

4) In the **Professional Development and Training Programme** I provided a major teaching input to the Agro-Industrial Projects Short Course from 1985 to 1995 as well as to other short courses in this programme. I directed a **Chevening Programme** three month course on public service provision in the early 2000s.

5) I provided a significant input into the **Overseas Teaching / Training Programme** from 1987 to 2004. In 1992, 1993 and 1994 I contributed about half of the teaching and assessment for the Project Analysis core course in the Makerere University (Uganda) Economics Department's MA in Economic Policy and Planning with University of Bradford colleagues. In 1997 I prepared training materials relating to 'project rehabilitation' jointly with Michael Yaffey (University of Bradford) – this activity included a ten-day data collection visit to Ghana. From 1987 until 1991 I undertook the preparation of a comprehensive teaching case study (a small-scale UHT milk processing plant – involving a project visit for data collection) for the Kenya Institute of Administration funded by the British Council. From 1993 until 1999 I co-directed a two-week short course on the Planning and Management of Development Projects at the Uganda Management Institute funded by the British Council, and undertook an evaluation of UMI/DPPC training, and a training needs assessment for ODA/British Council in May and December 1996. In late 2003-early 2004 I designed, prepared training materials and delivered a one-week course on policy formulation for the Albanian Department for Policies Development and Coordination, Council of Ministers administered by the UNDP with funding from the Government of the Netherlands – this activity involved an initial planning visit of one week, the preparation of training materials (handouts and PowerPoint presentations), a one-week delivery of the course to Albanian trainers, and a one-week visit during which the course was delivered to senior civil servants in the Albanian language.

Previously:

1) I was a Lecturer in the Department of Economics at **Makerere University College, University of East Africa** (which became Makerere University, Kampala in 1970) from August 1967 to December 1971. My main teaching responsibility was the first year undergraduate courses in the Principles of Economics and The East African Economy. I was also responsible for the second year undergraduate course in Economic Development and Planning in from 1968-69.

2) I was a Lecturer in the Department of International Economic Studies, **University of Glasgow** in 1971-72, 1972- 73 and 1977-78 during which time I gave lectures and seminars for the Diploma in Development Policy and the M.Phil.(Economic Development) relating to the Economics of Development in Industrialisation and Technological Change.

3) In 1979 I undertook a two-week training consultancy in the **State Investment Bank, Ankara**, Turkey relating to the analysis of risk and uncertainty in project analysis – this assignment was organised by the David Livingstone Institute and was funded by the OECD Development Centre.

3) In the David Livingstone Institute, **University of Strathclyde** in April-June 1981 and October-November 1984 I was a team member for 12-week training courses relating to Technology and Development (with particular reference to the choice of industrial

technology). Contributions included lectures, seminars, and the supervision of assignments and factory visits. In addition assisted with supervision of postgraduate research students in the Institute.

4) In the period January-March 1981 I was an Inter-University Council Visiting Lecturer in the Department of Economics, Fourah Bay College, **University of Sierra Leone**. The purpose of this assignment was to set-up and run courses of lectures in Macro-Economic Theory and in Micro-Economic Theory for Honours Degree students in the 1980-81 academic year (in collaboration with a second IUC visitor for the second half of the period).

5) In August 1981 I visited the Department of Agricultural Economics, **University of Nigeria, Nsukka** for the British Council Higher Education Division to assist for three weeks in a Workshop on Project Appraisal and Planning Techniques. This assignment was organised by the David Livingstone Institute and was undertaken jointly with Dr Mozammel Huq. In July 1981 visited the Centre for Development Studies, **University of Cape Coast, Ghana** to contribute to the first week of a two-week workshop on Choice of Technology and the Evaluation of Development Projects – this activity was within a David Livingstone Institute project funded by the Ghana Government and the European Community.

6) From July 1982 to June 1984 was one of a team of three seconded from the David Livingstone Institute to the Centre for Development Studies, **University of Cape Coast, Ghana** for a joint training and research project on the choice of appropriate technology. During this period I gave lectures in five training courses of 5-6 weeks, which provided the basis for four chapters of a manual on the choice of appropriate technology, and also prepared two discussion papers on the Komenda Sugar Factory and Estate and one the treatment of technology choice in the loan procedures of the National Investment Bank. This secondment was jointly funded by the Ghana Government and the European Community.

Since 1985 I have developed a range of skills relating to micro-computing which have central to both research work and in lecturing / training material preparation. These skills, particularly involving use of word-processing, spreadsheet and presentation software as well as micro-computer operating systems and in the secure storage of data and document files.