

**CURRICULUM VITAE
BARTHOLOMEW K. ARMAH**

Date of Birth: July 29, 1959

Nationality: Ghanaian

Contact Address

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Academic Institutions

University of Notre Dame
Notre Dame IN, USA
University of Notre Dame
Notre Dame IN, USA
Hope College
Holland MI, USA

Degrees

Ph.D. Economic Development
1986-1990
MA Economic Development
1984-1986
BA Business Administration
1980-1984

PROFESSIONAL SKILLS AND EXPERTISE

I. INTERNATIONAL EXPERIENCE

Senior Regional Advisor (PRs, MDGs): Economic and Social Policy Division (ESPD), **United Nations Economic Commission for Africa (UNECA)** [3/8/05-present]

- **Contribute to the substantive work of the division (Economic and Social Policy) by way of reports, background papers and issues papers:**
 - i. Contributed to the UNECA *Economic Report on Africa* (2005);
 - ii. Contributed to the preparation of the UNECA *Survey of Economic Conditions in Africa*, report written for the 2005 Conference of Finance Ministers in Abuja-Nigeria;
 - iii. Contributed to UNECA's report on "*Progress toward achieving the Millennium Development Goals in Africa*", April 2005.
 - iv. Coordinated the preparation of the *Outcome Statement* and the *Final Report* of the "*African Plenary on National Poverty Reduction Strategies and the Implementation of the MDGs*" held in Cairo Egypt (March 26-28, 2006).
 - v. Contributed to the preparation of the issues paper "*Aligning Poverty Reduction Strategies with the Millennium Development Goals: Progress and Challenges*" presented at the Conference of African Finance Ministers in Ouagadougou, Burkina Faso in May 2006.
- **Provide Advisory services to UNECA member states on request**
 - i. Assisted the government of Ghana in integrating the nation's macro-economic framework with its Poverty Reduction Strategy.
 - ii. Assisting the government of Liberia to draft its 2006 *Millennium Development Report*.
 - iii. Serving as UNECA representative on the UN Country Team for Ethiopia; assisted in formulating a growth strategy for Ethiopia in the context of the country's UN Development Assistance Framework.
 - iv. A member of South Africa's Africa Peer Review Mechanism Country Review mission; assisting in drafting the *Economic Governance* section of the report.
- **Provide training to member states on request**
 - i. presented a paper on the **practical challenges of monitoring national development strategies** based on a case study of Ghana.

Consultant: United Nations Industrial Development Organization (UNIDO) [11/04-2/05]

- Conducted fieldwork on the Impact of HIV/AIDS on Industry in Mozambique:
 - Interviewed stakeholders on the impact of HIV/AIDS on firms and labor in Mozambique;
 - Interviewed organizations involved in funding and implementing HIV/AIDS policy, on the socio-economic impact of HIV/AIDS in Mozambique;
 - Wrote a brief on the macro-economic implications of HIV/AIDS in Mozambique;
 - Participated in the design of an HIV/AIDS impact survey in Mozambique;
 - Analyzed and wrote a report on the findings of the nationwide HIV/AIDS survey administered in Mozambique

POVERTY AND SOCIAL IMPACT ASSESSMENT STUDIES (PSIAS)

Economist: UNDP (United Nations Development Program) and Government of Ghana [2/04-3/05]

- Assessed the impact of petroleum product pricing reform on the poor in Ghana:
 - Evaluated the operational efficiency of Ghana's oil refinery (Tema Oil Refinery);
 - Conducted stakeholder and benefits incidence analysis of petroleum price impact on poor;
 - Designed and conducted a nationwide survey to assess views on the impact of petroleum price hikes;
 - Estimated the multiplier effects of changes in petroleum prices on output and incomes of various sectors and income groups;
 - Estimated income and price elasticities of demand for selected petroleum products.

MACRO-ECONOMIC ANALYSIS

Economist: Ghana Energy Commission [June 2003-August 2003]

- Conducted a macro-economic analysis of the Energy Sector of Ghana
 - Projected the nation's future energy needs (used LEAP software);
 - Analyzed the impact of Ghana's energy consumption pattern on the poor;
 - Examined the links between Ghana's energy needs and the Growth and Poverty Reduction Strategy GPRS.

Economist: ECOWAS Secretariat [July 1st to September 31st 2002]

Contact: Mame Cor Sene, Deputy Executive Secretary (Policy Harmonisation)

- Assessed the feasibility of harmonizing the fiscal, monetary and trade policy regimes of ECOWAS member countries:
 - Analysed the budget appropriations bills, charts of accounts, government tables of fiscal operations (TOFE), accounting plans and public accounts legislation in ECOWAS member countries;
 - Made policy recommendations for fiscal and monetary harmonization.

PRSP FORMULATION, IMPLEMENTATION AND MONITORING

Economist: National Development Planning Commission (Ghana) [8/04-3/05]

- Lead economist for updating the macroeconomic framework for Ghana's Poverty Reduction Strategy (PRS):
 - Estimated the overall GDP growth rate required to achieve per capita income of \$1000 by 2015;
 - Estimated sectoral growth rates consistent with overall growth rates;
 - Simulated overall growth rates under two scenarios; agric-sector led growth versus industrial sector led growth;

- Identified factors required to stimulate broad-based growth in Ghana and made policy recommendations.

Economist: M&E Division of the National Development Planning Commission: April 2003-August 2003.

- Developed indicators to monitor and evaluate Ghana's PRSP;
- Lead consultant: monitoring and evaluation of the "Macro-Stability" and "Production and Gainful Employment" thematic areas of the PRSP:
 - Findings are in the first Annual Progress Report on Ghana's Poverty Reduction Strategy Paper (PRSP).

Technical Advisor-Ghana Poverty Reduction Strategy (GPRS) Team [5/01-2/2002]

Contact: Dr. K. Nduom, Minister for Economic Planning and Regional Integration

- Wrote Macro-economic framework section of the Ghana Poverty Reduction Strategy in consultation with stakeholders
- Presented the GPRS to various stakeholders (e.g., labor, civil society) at workshops and seminars
- Assisted in developing linkages between Ghana's PRSP and the Medium Term Expenditure Framework (MTEF)
- Served as a resource person for MTEF workshops for line Ministries.
- Participated in the **costing** of the Ghana Poverty Reduction Strategy

Consultant: Department For International Development (United Kingdom)

Formulation of PRSP Monitoring and Evaluation Plan (August-December 2002).

- Designed indicators to monitor Ghana's Growth and Poverty Reduction Strategy (GPRS).
- Assessed the capacity of sub-national institutions to monitor *PRSPs* based on a study of a sample of district and municipal Assemblies.
- Wrote (macro-policy) sections of Ghana's *Monitoring and Evaluation (M&E) plan*.

D. MILLENNIUM DEVELOPMENT GOALS EXPERTISE

Consultant-UNDP: Formulation of Ghana's Millennium Development Goals Report (6/02-11/02)

- Drafted sections of Ghana's *Millennium Development Report* (MDG). The MDG report assesses Ghana's ability to meet the International Development Targets adopted at the Millennium Summit in September 2000 by 191 nations including Ghana.
- Presented report at a stakeholders meeting in Accra in November 2002;

Consultant: Danish International Development Agency (DANIDA) [8/7/01-8/15/01]

Contact: Elsebeth Tarp, Minister Counsellor

- Evaluated the merits of continued Budget Support by DANIDA to the government of Ghana
- Made policy recommendations to DANIDA based on the analysis

Consultant: The World Bank [3/2001-7/2001]:

- Prepared a case study of Ghana's experience with the *Medium Term Expenditure Framework*. This is a complementary module of the *World Bank Institute's* course series on "Fiscal Policy and Poverty Reduction" currently being organized in selected developing countries.

Consultant, Canadian International Development Agency (CIDA)-7/1/99 to 7/29/99:

Contact Person: Rhonda Ghossen (Head of Aid):

- Conducted a review of Economic Reform Support programs of the European Union, IMF, World Bank, Japan and Britain's Department for International Development (DFID);
- Analysed CIDA's Economic Support Program in the context of the above programs and offered policy recommendations;

- Prepared a report on the performance of the economy of Ghana in 1998, highlighting fiscal, monetary and sectoral trends;
- The report also made projections about the expected performance of the economy in 1999 and the year 2000.

Senior Economist and Head of the Economic Unit: Institute of Economic Affairs [8/2000-2003]:

- Conducted research studies on monetary, fiscal and trade policy issues e.g., Performance of SMEs under Structural Adjustment in Ghana
- Presented discussion papers at the National Economic Dialogue Forum in Ghana
- Coordinated the preparation of the IEA Economic Reports
- Served as the Information Resource Coordinator for the Finance and Public Accounts Committees of Parliament; advice committee members on policy issues deriving from government loan agreements, the Auditor General's Report, the Budget and other pertinent issues (8/00-5/01).

D. TRADE AND INDUSTRIAL POLICY EXPERTISE

Consultant-United Nations Industrial Development Organization (UNIDO) Jan-Feb 2002; April-May 2003:

- Lead consultant: wrote sections of *Review of Industrial Performance* in Ghana;
- Trained a team of representatives from the Ministry of Trade and Industry and the National Development Planning Commission to gather data for the report.

Consultant United Nations Industrial and Development Organization (12/2002-2/2003)

- Revised a draft copy of *Ghana's Industrial Policy* and recommended substantive revisions as a pre-condition for adoption.

I. Selected Trade Research and Publications

1. "Trade Structures, Employment and Incomes: The Ghanaian Experience in a Historical Comparative Perspective." Journal of African Economic History , Vol., 91, 1993.
2. "Impact of Trade on Service Sector Employment: Implications for Women and Minorities." Contemporary Economic Policy Vol. XII, January 1994.
3. "Manufacturing Trade-Related Employment Growth: Self-Employed and Wage & Salary Workers in Comparative Perspective," Journal of Small Business Management, Vol. 33, No. 2 (April, 1995).
4. "Trade-Affected Workers: Manufacturing and Services Compared," Social Science Journal, Vol. 33 No. 1, (January, 1996).
5. "Unions, Minorities and U.S. Manufacturing Trade: 1979-1985," Atlantic Economic Journal, Vol. 23, No. 3, (September, 1995).
6. "Foreign Corporate Acquisition Activity and Domestic Union Status in the U.S." with James Peoples, University of Wisconsin-Milwaukee. International Economic Journal, Volume 11 No. 3, (Autumn, 1997).
7. "Does Latin America Have More to Gain from Exchange Liberalization than Sub-Saharan Africa?" International Economic Journal, Volume 14, Number 2, Summer 2000.

Manuscripts

8. "Trade Liberalization and Growth in Developing Countries: 1950-88." In Satya D. Gupta ed., *Globalization, Growth and Sustainability* (Kluwer Academic Press, Boston/Dordrecht/London, 1997).
9. "The Demographics of Trade-Affected Service and Manufacturing Sector Workers (1987-1990): A Comparative Analysis." In James B. Stewart ed., *African Americans and Post Industrial Labor Markets*. (Transaction Publishers, Rutgers University New Brunswick NJ, 1997).

I. MANUSCRIPTS, WORKING PAPERS AND ECONOMIC REVIEWS

1. Poverty Reduction Strategies in Practice: Perspectives and Lessons from Ghana. Forthcoming. Lexington Publishers.
2. Economic Analysis of the Energy Sector in Ghana, *Ghana Energy Commission*, 2003.
3. Links Between the Budget and the GPRS in *Implementation of the Ghana Poverty Reduction Strategy: Annual Progress Report 2002*, May 2003.
4. Production and Gainful Employment Performance in *Implementation of the Ghana Poverty Reduction Strategy: Annual Progress Report 2002*, May 2003.
5. Macro-Economic Stability Performance in *Implementation of the Ghana Poverty Reduction Strategy: Annual Progress Report 2002*, May 2003.
6. Is the District Assembly Common Fund Effectively Utilized? *Legislative Alert Vol. No. ISSN 0855-2452 A Publication of The Institute of Economic Affairs September 2003*.
7. Public Sector Corruption and Macro-Stability: Evidence from the Auditor-General's Reports *Legislative Alert: September 2001 A Publication of The Institute of Economic Affairs*.
8. The Medium Term Expenditure Framework: A Case Study of Ghana *Legislative Alert: October 2001. A Publication of The Institute of Economic Affairs*.
www.worldbank.org/wbi/attackingpoverty/activities/dakar-armah.pdf
9. Relevant Issues in Trade Reform and Liberalization in Ghana. *Legislative Alert: November 2001 A Publication of The Institute of Economic Affairs*.
10. The East Asian crises: Implications for Ghana. *Occasional Paper Series*. September 1999. A Publication of The Institute of Economic Affairs.
11. The Heavily Indebted Poor Country Initiative: Process and Issues *Occasional Paper Series June 2001 A Publication of The Institute of Economic Affairs*.
12. Are Our Revenue Targets on Target? *IEA Monograph*, May 2002.
13. The Ghana poverty reduction, the Budget and country Ownership. *IEA Monograph*, May 2002

II. TEACHING EXPERTISE

Tenured Associate Professor [8/96-2005], University of Wisconsin-Milwaukee USA

- Taught statistics, economic development and applied micro and macroeconomics courses;

- Conducted research in the area of international trade, employment and economic growth in the U.S. and less developed countries;
- Presented research findings at professional economics conferences;
- Gave talks to local community groups on subjects related to my on-going research.

III. STATISTICAL MODELLING AND PROGRAMMING EXPERIENCE

1. Econometrics
2. Social Accounting Matrices and Input-Output Analysis
3. Survey design and analysis

IV. STATISTICAL SOFTWARE COMPETENCIES

1. Stata
2. SAS
3. SPSS
4. Excel
5. LIMDEP

I. SELECTED PROFESSIONAL SERVICE EXPERIENCE

- **Journal Reviewer:** [11/03] Grant proposal reviewer for the Social Science and Humanities Research Council of Canada. "Manufactures and Trade in Africa".
- Member of the **Monetary Policy Committee, Bank of Ghana [2002-present]**
- **Board Member National Investment Bank-Ghana [8/01-2005]** www.nib-ghana.com/management.htm
- **Journal Referee [10/2003]:** *Journal of African Economies (Oxford)* "Impact of import controls on Botswana's demand for horticultural imports: an econometric analysis".
- **Journal Reviewer: [10/2003]** Institute for Democracy in South Africa (IDASA) Africa Budget Project: The Challenges of Civil Society Organisations and Monitoring and Evaluation in Ghana.
- **Proposal Reviewer [4/2001]:** National Science Foundation USA.
- **Journal Referee [2/96]:** Contemporary Economic Policy USA.

VI. REFERENCES

Prof. Augustin Fosu, Director, Economic and Social Policy Division (ESPD), UN Economic Commission for Africa.
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Dr. Gyan Baffour, Deputy Minister of Finance and Economic Planning, Flagstaff House, Box CT-633 Accra, Ghana.
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