

Curriculum Vitae
FREDERICK OWUSU BOADU

I. Personal Information

Professor & Asst. Department Head, Undergraduate Affairs
Department of Agricultural Economics
Texas A&M University
College Station, TX 77843-2124

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Years at TAMU 30

II. Education

Ph.D. Agricultural Economics, University of Kentucky, 1980
J.D. Law, Georgia State University, 1988
M.A. Program in Law and Economics, University of Miami, 1986
B.A. Economics, Berea College, Kentucky, 1974
Diplomacy Fellow, American Association for the Advancement of Science
Science Policy Fellow, American Association for the Advancement of Science
Senior Advisor, Center on Conflict and Development, Texas A&M University

III. A. Fields of Expertise

Dr. Boadu's teaching and research interests are focused on Agricultural law, international development law, and the law and economics of institutional design and change. The theoretical tools within the law and economics framework include transaction cost economics, constitutional economics, and the new institutional economics. His research and field work in the international development law field have focused on community land title database development, land use conflicts (crop-livestock), youth in agriculture programs, and food security

B. Current Position

Professor of Agricultural Economics & Assistant Department Head for Undergraduate Affairs. Dr. Boadu currently teaches Agricultural Law and Land Economics. He has presented lectures on biosecurity, climate change, water resources law in Texas, and international development.

C. Past Positions and Experiences

1989-1993, Assistant Professor, Agricultural Economics, TAMU. Taught courses in Agricultural Law (undergraduate and graduate), Natural Resource Economics, and Macroeconomics of Agriculture.

1984-1988, Assistant Professor of Economics and Acting Chair, Department of Economics, Atlanta University (Atlanta, GA). Taught courses in Microeconomics, Macroeconomics, International Development, and Mathematical Economics.

1982-1984, Arthur Vining Davis Assistant Professor of Economics, Spelman College and Atlanta University (Atlanta, GA). Taught courses in Microeconomics and Mathematical Economics.

1981-1982, Economist, Center for International Development, Tuskegee Institute (Tuskegee, AL). Conducted research on international agricultural development, small farm operations, and technology transfer.

1980-1981, Visiting Assistant Professor, University of Kentucky (Lexington, KY). Taught Resource Economics and Environmental Policy.

VII. Professional Honors and Awards

American Society of Agricultural and Biological Engineering (ASABE) educational Aids Blue Ribbon Award (with Saqib Mukhtar, Yanghon Jin, Won-Bo-Shim, Tom Vestal, and Cody Wilson) for *Managing Contaminated Animal and Plant Materials* (Department of Homeland Security) 2009. Association of Former Students Distinguished Achievement Award for Teaching at the College Level, (2007).

Outstanding Faculty, Department of Agricultural Economics (2004).

Risk Policy Fellow, American Association for the Advancement of Science (AAAS), (2005-2006).

Leadership integrator, Kellogg Foundation Project to Develop Collective Leadership for Institutional Change for Higher Education in the 21st Century, TAMU (1997).

Vice Chancellor's Award for Excellence in Mentoring (1996).

American Geophysical Union (1995).

Editor's Citation for outstanding service to readers of *Water Resources Research*.

Honorable Mention, Quality of Communication Award, American Agricultural Economics Association, 1993.

American Jurisprudence Award (1986-1987)

Jurisprudence (Legal Theory) (1987)

Litigation (1986)

Workers Compensation Law (1987)

F. Dissertation and Theses Supervision

Doctoral Committees

15

Masters Committees

12

VIII. Research

A. Percent of Appointment: 33%

Funding Received

A. Internal

Tort Liability and Recreational Liability in Texas Duration and Funding

Funding: \$4,000

Sponsor: Texas Agr. Exp. Stat. (Program Development Funds-competitive)

Role: PI

Nonborder Legal Impediments to Expanded Sale of Goods in U.S. Export Markets

Funding: \$2,000

Sponsor: Texas Agr. Exp. Stat. (Program Development Funds-competitive)

Role: PI

Water Rights and Water Reuse Programs in Texas

Funding: \$6,500

Sponsor: Texas Water Resources Institute (Program Development Funds-competitive)

Role: PI

Transboundary Pollution Problems Along the U.S.-Mexico Border

Funding: \$30,000

Sponsor: Center for the Study of Western Hemispheric Trade- TAMU.
(Funds-competitive)

Role: Co-PI

Voting Behavior of Minority Congressional Representatives

Funding: \$3000

Sponsor: Race and Ethnic Studies Institute TAMU (Funds-competitive)

Role: PI

Economic Analysis of Alternative Regulatory Regimes for Meat and Poultry Safety and Quality Inspection.

Funding: \$24,900
Sponsor: Institutional Research Initiative –TAMU (Funds-competitive)
Role: PI

B. External

Hierarchies and Coalitions in Cooperative Regional Water Management in Texas.

Funding: \$179,274 (2000)
Sponsor: State of Texas, Advanced Technology Program
Role: Co-PI (with Bruce McCarl)

Developing a Framework for Interbasin Water Transfers in Texas.

Funding: \$180,000 (2003)
Sponsor: State of Texas, Advanced Technology Program
Role: Co-PI (with Bruce McCarl)

Economic Analysis of Land and Water Resource Technology in Crop and Livestock Production Systems

Funding: \$53,000
Sponsor: U.S.D.A. Economic Research Service
Role: PI

An Analysis of the Legal and Institutional Considerations in Water Reallocation, Transfers, and Marketing

Funding: \$46,285
Sponsor: Texas Water Commission, Austin, Texas
Role: Co-PI with Ron Kaiser, Dept. of Recreation, Parks, and Tourism Sciences

Citizen Participation in the Design and Implementation of Environmental Policies Along the U.S.-Mexico Border

Funding: \$17,000
Sponsor: U.S.D.A. Economic Research Service (ERS)
Role: PI

Estimating Alternative Functional Forms for Minority Households' Energy Consumption

Funding: \$15,000
Sponsor: Argonne National Energy Laboratory, Argonne, IL
Role: PI

Household Energy Use in Senegal

Funding: \$25,000
Sponsor: U.S. Agency for International Development, Senegal
Role: Co-PI with John Grissom, Georgia Institute of Technology, Atlanta, GA

Socio-economic Characteristics of Rural Households' Water Use in Lesotho

Funding: Travel Grant and Study: \$15,000
Sponsor: U.S. Agency for International Development, Washington, D. C.
Role: PI

Estimating the Willingness to Pay for Water in Developing Countries

Funding: \$100,000
Sponsor: U.S. Agency for International Development, Washington, D.C.
Role: PI

Latin America Integration and United States Agriculture

Funding: \$30,000
Sponsor: USAID/OICD
Role: Co-PI with Fred Ruppel

Government Projects and External Funding (1999-2008)

“Alternative Institutions for Promoting Accountability, Transparency, and Openness in Government Behavior”

Funding: \$103,000
Sponsors: Harvard Institute for International Development/USAID
Role: PI (MayaTech Corporation Team Leader) (joint with the Institute for Statistics and Socio-Economic Research, Ghana)

“Estimating the Investment Supply Response”

Funding: \$100,000
Sponsors: Harvard Institute for International Development/USAID
Role: PI (MayaTech Corporation Team Leader) (joint with the Institute for Statistics and Socio-Economic Research, Ghana and the Ghana Investment Promotion Center)

“Preparing for a City Development Strategy in the Kumasi Region of Ghana”

Funding: \$70,000
Sponsor: World Bank/Cities Alliance Program
Role: PI (MayaTech Corporation Team Leader)

“Options for Breaking-up the Ghana Cocoa Board into Smaller Units to foster Competition”

Funding: \$30,000
Sponsors: Ministry of Finance, Ghana/World Bank
Role: PI (Ghana Cocoa Board)

“Competition Policy in Ghana’s Cocoa Industry”

Funding: \$15,000

Sponsors: Ministry of Finance, Ghana/World Bank

“An Investment Roadmap for Ghana”

Funding: \$15,000

Sponsors: Sigma One Corporation, North Carolina/USAID

“Alternative Models for Land Acquisition for Large-Scale Projects in Ghana”

Funding: \$17,000

Sponsors: Sigma One Corporation/USAID, Ghana.

Current Funding (2000 - present)

Project Leader, *Center on Conflict and Development*, Department of Agricultural Economics, Texas A&M University.

Funding: \$1 Million

Sponsor: Howard G. Buffett Foundation

Focus Areas: Community Land Title Database; Land Use Conflicts; Youth in Agriculture; Food Security.

VII. Service

A. International Service:

Extensive travel in Africa working in the area of natural resource development (water, energy, and production agriculture) Countries visited (Cote d’Ivoire, Ghana, Gambia, Kenya, Lesotho, Liberia, Malawi, Mali, Senegal, Tanzania, Uganda, Poland, Mexico, Italy, and England)

B. National Service:

1. Membership in Professional Organizations

American Agricultural Law Association
International Agricultural Trade Research Consortium
American Bar Association

2. Other National Services:

Proposals reviewer, Minority Institutions Research Program, National Research Council, Washington, D.C.
Proposals Reviewer, National Science Foundation.
Proposals Reviewer, U.S. Environmental Protection Agency.

Proposals Reviewer, USAID/Washington.

Reviewer for the following journals:

- *American Journal of Agricultural Economics*
- *Journal of Agricultural and Applied Economics*
- *Journal of Water Resources Planning and Management*
- *International Economics Journal*
- *Water Resources Research*
- *Journal of Development*
- *Energy and Development*

C. State

1. Membership in Professional Organizations

Member of Executive Board, State Bar of Texas, *Continuing Legal Education*, 2007 to present.

Association of Texas Economists, Founding Member (2002)

State Bar of Texas, Court Cost and Efficiency Committee (1990-1992)

2. Other State Service

Volunteer, Protective Order Program Attorney, Women's Advocacy Project 1991 to July 1992 (program ended).

Member, Texas Consortium on Free Trade (Texas Department of Commerce, 1991).

Resource Person, statewide conference on "Water for Texas: Setting the Research Agenda II Austin, Texas, Nov. 18-19, 1991.

IX. Publications

A. Textbook

Boadu, Frederick O., *Agricultural Law and Economics in Texas: Cases and Comments*, (Draft, 2020).

Boadu, Frederick O., *Agricultural Law and Economics in Sub-Saharan Africa: Cases and Comments*, (2016). Academic Press/Elsevier, Boston, pp. 603.

B. Refereed Journal Articles

Nata T Jifar, Mjelde W James, **Boadu O Frederick 2014**), "Household adoption of soil-improving practices and food insecurity in Ghana" *Agriculture & Food Security*.2014, 3:17

McCarl, B.M. and **F. Boadu**, "Bioenergy and US Renewable Fuels Standards: Law, Economic, Policy/Climate Change and Implementation Concerns," *Drake Journal of Agricultural Law*, Vol. 14, No 1 (Spring 2009), pp. 43-73.

Boadu, F., McCarl, B.M., and Gillig, D., “An Empirical Investigation of Institutional Change in Groundwater Management in Texas: The Edwards Aquifer Case.”, *Natural Resources Journal* Vol. 47. No. 1 (Winter, 2007).

Boadu, F., ‘Law and Economic Development: The Supply of Precedents in Ghana’, *Oxford University Commonwealth Law Journal*, Vol. 5, No. 1, Summer 2005.

Brock A. and **F. Boadu**, “Global Demand for U.S. Environmental Goods and Services” *Journal of Agriculture and Applied Economics*, Vol. 36, Number 1, April 2004.

Gillig, D., B. A. McCarl, L. L. Jones and **F. Boadu**, “Economic Efficiency and Cost Implications of Habitat Conservation: An Example in the Context of the Edwards Aquifer Region.” *Water Resources Research*, Vol. 40, No. 3, 2004.

Brock A. and **F.O. Boadu**, “Law and Policy Towards the U.S. Environmental Goods Industry,” (*Interdisciplinary Environmental Review*) Vol 5, Number 1, 2003. pp. 68-82).

Boadu, F., and T. Olofinbiyi, "Regulating the market: Competition Law and Policy in Kenya and Zambia" *World Competition: Law and Economics Review*, Vol. 26, No. 1 (March 2003) : 75-99.

Boadu F. and T. Olofinbiyi, “Relational Characteristics of the Flexibility Mechanisms Under the Kyoto Protocol: Implications for Sub-Saharan African Countries” *Journal of Energy and Development*, Vol. XXVIII, No. 2, Spring 2003. pp. 265-292).

Boadu, F., and Tara Skrabanek, ”The Textile Rules Under the U.S. African Growth and Opportunity Act: Opportunities and Challenges” *The Journal of World Investments*, Vol. 3 No. 4, (August 2002): 717-733.

Brock A. and **F. Boadu**, “Import Demand for Environmental Goods and Services in the Asia-Pacific Region” *ASEAN Economic Bulletin*, Vol. 19, No. 3 (December 2002): 280-289.

Gillig, D., B. A. McCarl and **F. Boadu**, “An Economic, Hydrologic, and Environmental Assessment of Water Management Alternative Plans for the South-Central Texas Region”, *Journal of Agricultural and Applied Economics*, 33, 1 (April 2001): 59-78.

Boadu F., and B. Avery, “The Political Economy of Environmental Goods and Services Demand in Sub-Saharan Africa,” *The Journal of Energy and Development* Vol. 23 No. 2, Spring 1998: 159-175.

Rupasingha, A. and **F. Boadu.**, “Evolutionary Theories and Community Management of the Local Commons: A Survey,” *Review of Agricultural Economics* Vol. 20 No. 2 1998: 530-546.

Boadu, F. "Relational Characteristics of Transboundary Water Treaties: Water Treaty Between Lesotho and the Republic of South Africa." *Natural Resources Journal*, Vol. 38, Summer 1998: 381-409.

Boadu, F., and J. Shen, "An Empirical Analysis of the Growth and Autonomy of the U.S. Trade Representative." *International Trade Law Journal*, vol.1 No. 1 Summer, 1997: 1-11.

Boadu, F. "Policy on Private Water Sales in Rural Ghana." *Journal of Water Resources Planning and Management* 120(6)(1994): 944-961.

Boadu, F., and M. R. Thompson. "The Political Economy of U.S.-Mexico Trade: An Analysis of the Congressional Fast Track Vote." *The Journal of Agricultural and Applied Economics*, 25(2), December, 1993: 27-35.

Boadu, F., and S. Wise. "Rules of Origin Under the Proposed U.S. Mexico Trade Agreement - The Textile Problem." *Agribusiness: An International Journal* 9(6), November, 1993: 535-555.

Boadu, F., F. J. Ruppel, and A. L. Angel. "An Empirical Model of Presidential Popularity and Presidential Discretion in Trade Restrictions." *European Journal of Political Economy* 8(1992):1-13.

Boadu, F. "Contingent Valuation for Household Water in Rural Ghana." *Journal of Agricultural Economics* 43(3) (1992):458-65.

Boadu, F., and E. A. Gyawu. "Inflationary Pressures in Sub-Saharan African Countries." *International Economics Journal* 6(2) (1992): 57-67.

Boadu, F., and D. E. Farris. "Open Agricultural Markets and Trade Foster Development of LDCs." *Journal of International Food and Agribusiness Marketing* 3(4) (1992):5-24.

Boadu, F., and E. W. Peterson. "Multilateral Agreements and Visions of the World." *University of Nebraska Law Review* 71(2) (1992):460-87.

Boadu, F. "The Structure of Contracts in the Ghana Cocoa Industry." *Journal of Development Studies* 29(1) (1992):108-120.

Griffin, R., and **Boadu, F.** "Water Marketing in Texas: Opportunities for Reform." *Natural Resources Journal* 32(2) (1992):265-88.

Boadu, F. "Resource Law and Resource Use in Developing Countries." *Journal of Water Resources Planning and Management* 117(1991): 698-710.

Boadu, F., and S. Wise. "Rules of Origin Under the Proposed U.S. Mexico Free Trade Agreement." *International Trade Law Journal* 1(1) (1991):38-46.

Ruppel, F., **F. Boadu**, and E. W. Peterson.* "Federalism and Multilateral Trade Negotiations." *American Journal of Agricultural Economics* 73(4) (November 1991):1010-1019.

Boadu, F. "U.S. Mexico Free Trade Agreement: Implications for U.S. Agriculture." *International Trade Law Journal* 1(1) (1991):13-24.

Boadu, F., and E. W. Peterson. "Presidential Discretion and U.S. Trade Policymaking." *Journal of World Trade Law* 24(4) (1990):79-93.

B. Other Publications

Boadu, F. and David K. Waggoner, "Climate Change and Agriculture: A Synopsis of Key Issues for Lawyers," Annual Agriculture Case Law Update, 2009, Lubbock, Texas May 14-17, 2009. State Bar of Texas.

Boadu, F. and David K. Waggoner, "Annual Agriculture Case Law Update, 2008" State Bar of Texas.

Mukhtar, Saqib, **Boadu, F., et al.**, Managing Contaminated Animal and Plant Materials: Field Guide on Best Practices, 2007.

Boadu, F., "Food Safety Regulations" Presentation prepared as part of Fellowship Program at Food Safety Inspection Service (2006-2007).

(<https://webctvista.tamu.edu/webct/cobaltMainFrame.dowebct?>

Boadu, F., "Listeria in Ready-to-Eat Food" Presentation prepared as part of Fellowship Program at Food Safety Inspection Service (2006-2007).

(<https://webctvista.tamu.edu/webct/cobaltMainFrame.dowebct?>

Boadu, F., Alternative Institutions for Promoting Accountability, Transparency, and Openness in Government Behavior" in *The Effects of Research on Policy Making in Africa: The Best Practices (Book Chapter)* Johns Hopkins University, 2005.

Abodakpi, R. and **F. Boadu**, "Sugar and Sub-Saharan Africa" *World Bank Summer Project Paper* (Summer 2001).

Boadu F., and A. Love, "Strengthening Private Commercial Sector Ties to Agricultural Research in the Americas" *Paper prepared for Conference on public-Private Sector Ties in the Americas*. FONTAGRO Project (2000).

Boadu, F. "The Legal Framework for Property Protection, Investment, and Technology Transfer: Challenges for the 21st Century in *Proceedings of the Workshop on Technology Transfer and Commercialization in Africa, Accra, Ghana 1996*

Boadu, F. "Semi-Privatization of Legal and Judicial Systems May Contribute to Reform Efforts." *African Voices: A Newsletter on Democracy and Governance in Africa*. 3(3) (1994).

C. Conference Paper Presentations

Boadu, F., and A. Angel. "Agriculture and the GATT Negotiations." Selected paper and abstract, Southern Journal of Agricultural Economics, 1989.

Boadu, F., and A. Angel. "U.S.-Mexico Free Trade Agreement." Selected paper and abstract, Southern Journal of Agricultural Economics, 1989.

Ruppel, F., **F. Boadu**, and E. W. Peterson. "Customs Union Theory and U.S.-Canada-Mexico Free Trade." Selected paper and abstract, Southern Journal of Agricultural Economics, 1990.*

Peterson, E. W., and **F. Boadu**. "Agricultural Trade and Regional Arrangements." Selected paper for presentation at the International Association of Agricultural Economists meeting, Tokyo, Japan, August 1991.*

Boadu, F. "Legal and Institutional Barriers to Expanded Regional Trade among Developing Countries: The Case of West Africa." Selected paper and abstract, American Agricultural Economics Association meetings, Manhattan, Kansas, August 1991.*

Boadu, F. "Legal Aspects of Water Use in Texas." Paper presented at the Southwestern Social Science Association meeting, San Antonio, Texas, March 1991.

Boadu, F., and E. W. Peterson. "Multilateral Trade Agreements and Visions of the World." Paper presented at the University of Nebraska School of Law, Lincoln, NE, October 11, 1991, later published, University of Nebraska Law Review.*

Boadu, F., and W. Hayenga. "A Wetlands Manual for Texas Farmers." Paper presented to the Texas Society of Certified Public Accountants (Farmers and Ranchers Conference), 4-5, June 1992, San Antonio, Texas.

Boadu, F. "The North American Free Trade Agreement: Implications for Texas Lawyers and Texas Agriculture." Paper presented to the Agricultural Law Committee State Bar of Texas, 24-26th, June 1992, Corpus Christi, Texas.

D. Faculty Papers

Boadu, F., "Presidential Authority and the Omnibus Trade Bill of 1988" (Faculty Paper FP88-7, 1988).

Boadu, F., "Taxation of Foreign Corporations and Pass-Through of Foreign Tax Credit" (Faculty Paper FP88-6, 1988).

Boadu, F., "Domestic Effects of International Trade Agreements: A Review of Hard Cases," 1989.

Boadu, F., "Productivity of Texas Courts: An Historical Note" (Faculty Paper FP90-1, 1989).

Boadu, F., "The Role of the Private Sector in Economic Development," 1989.

Boadu, F., and C. Kucera, "Texas Right-to-Farm Law: A Survey, 1990."

Boadu, F., "Constitutionalism, Governance, and the Design of Market-Monitoring Institutions in Sub-Saharan Africa, 1992."

Boadu, F., "Sources of Growth in the U.S. Animal Pharmaceutical Industry, 1992."

Boadu F., "Domestic Effects of U.S.-Russia Long-Term Grain Agreement" (1990)

Boadu F., "Expenditure Patterns in Rural Households: Engel Curve Estimates"

Boadu, F., "Constitutionalism, Governance, and the Structure of Market-Monitoring Institutions in Emerging Economies"