

JACOB NOVIGNON (Ph.D)

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[Research Gate](#) || [Google Scholar](#) || [Website](#) || [ORCID ID](#) || [Publons](#)

EDUCATION

Full time education

- 2011-2015 University of Ibadan, Nigeria. PhD (Economics): Taught PhD programme sponsored by African Economic Research Consortium (AERC) based in Nairobi. Specialty: Public finance and health economics.
- 2008-2011 University of Malawi, Malawi. Master of Arts (Economics)
- 2003-2007 University of Cape Coast, Ghana. Bachelor of Arts (Economics): Economics Major, Geography Minor - Second Class Honours (Upper Division)
- 1999-2001 St John's Grammar School, Ghana. Senior Secondary School Certificate (SSSC)

Short course(s)

- January – April, 2018: University of Laval, Canada. Online short course on Policy Impact Analysis. Entails designing and implementing various types of experimental and non-experimental techniques for impact evaluation.
- January – May, 2020 University of Laval, Canada. Online short course on Microeconomic Analysis of Welfare and Policy. Entails analysis poverty, inequality and welfare using household data. Poverty and inequality impact of public policy was also covered.

Other technical training

1. Training of trainers' workshop on financial protection from 27th to 31st August, 2018. Geneva, Switzerland. Organized by WHO
2. PEP training workshop on switching regression and panel regression models. 8th June, 2018. Bangalore, India. Organized by PEP

RESEARCH INTEREST

Health economics and policy, Poverty and vulnerability, Economic evaluation, Public finance, efficiency analysis

PROFESSIONAL EXPERIENCE

- 2016-to date Full-Time Lecturer, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- 2015-2016 Part-Time Lecturer, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana.
- 2007-2008 Teaching Assistant, Ghana. University of Cape Coast. Economics Department.

RESEARCH GRANTS

Grant number / organization	Title	Status	Role
2019: National Institute for Health Research, UK (NIHR Research and Innovation for Global Health Transformation)	Improving experiences and outcomes for individuals with severe stigmatizing skin diseases: Developing an integrated case finding and management intervention in Ghana and Ethiopia	In progress	Co-Investigator (Health Economist)

2019: European Investment Bank (EIB)/Global Development Network.	Impact of EIB development finance in Jamaica	In progress	Principal Investigator
2014-2018: The counting Women's work project	Time use research: Measuring the distribution of housework among men and women in Ghana: The National Time Transfer Account Approach.	Complete	Co-Investigator
2018: Partnership for Economic Policy (PEP) – PPMA 20272.	Understanding youth entrepreneurship in Benin: the role microcredit uptake and entrepreneur capacity building	Completed	Co-Investigator
2016: African Economic Research Consortium (AERC) – RT16535.	Health insurance and the economics consequences of health shocks in Ghana	Completed	Principal Investigator
2017: African Economic Research Consortium (AERC) – RT16535	An analysis of domestic and donor financing for maternal neonatal and child health in sub-Saharan Africa	Completed	Co-Investigator
2017: AERC – RT 17535	Agricultural input subsidy, food price shocks and nutritional outcomes in Malawi	Completed	Principal Investigator
2016: Foundation for Economics Education, Ibadan, Nigeria	Ghana National Time Transfer Account Project.	Completed	Co-Investigator
2015: AERC – BIP1603	Access to Market, Food Security and Household Welfare in Ghana: Evidence from Smallholder Farmers	Completed	Principal Investigator
2015: AFHEA	Improving primary health care facility performance in Ghana: efficiency analysis and fiscal space implications	Completed	Principal Investigator

CONSULTANCIES

2020	International consultant. UNFPA East and Southern Africa Regional undertaking of investment cases for Transformative Results in the Decade of Action. Country lead for South Sudan.
2019 to date	Consultant, WHO. Provided technical support for financial protection monitoring in Ghana and Kenya. Analyzed survey data to estimate progress in financial protection.
2019 to date	Team member, SPARC Technical Partnership for Strategic Health Purchasing in Ghana. Strategic Purchasing Africa Resource Center (SPARC)
2019	Team member, Ghana Priorities Project: Cost-Benefit Analysis of Family Planning and Adolescent Sexual and Reproductive right education. Copenhagen Consensus
2019 to date	Country coordinator, Inventory of Socioeconomic Land Data in Africa project. African Economic Research Consortium
2018	Qualitative consultant, Results for Development (R4D). Primary Health Care Performance Initiative (PHCPI) – Ghana. Worked with various health sector stakeholders to identify PHCPI indicators and populate Vital Signs Profile. Also, a member of the Technical Working Group on PHCPI in Ghana.

2018	Team member, Evaluation of willingness to pay, social and economic impact of the Kumasi Central Market Project. Contracta UK Ltd.
2017	Team member, Economic evaluation of malaria service delivery in Ghana. Funded by Ghana Malaria Control Programme.
2015	Team Member, Analysis of Fiscal implications for African countries recently graduating from low to lower middle-income status: the case of Ghana and Kenya. Funded by African Health and Policy Association (AfHEA).
2016	Consultant, National Health Insurance Review Committee, Accra
2016	Consultant, Results for Development (R4D). Delays in NHIS claims processing and reimbursement: identifying root causes and generating solutions.
2015-2016	Costing of CHPS compounds in selected regions in Ghana. Results for Development
2015	Local consultant, Results for Development (R4D). Earmarking Revenues for health: experience from the Ghana National Health Insurance Scheme (NHIS).
2015	Research Assistant, African Health and Policy Association (AfHEA). Analysis of Health Service Delivery Indicators Surveys of Tanzania, Nigeria, Kenya and Senegal.
2014	Research Assistant, PPH Prevention and Management Strategy, PATH Ghana. Assisted in data collection and analysis for costing 5-year PPH strategy.
2011	Project Assistant/Assistant Health Economist, Euro Health Group (Denmark). Global Fund (GF) Malaria Impact Evaluation Project for Ghana. Assisted in data collection, analysis and report writing on the impact of GF Malaria interventions in Ghana

SELECTED SCHOLARSHIP AND FELLOWSHIP AWARDS

2019-2021	European Investment Bank & Global Development Network Research Fellowship in Development Finance. Received Grant to evaluate impact of development investments in selected countries.
2019 (04-22/03)	Visiting Researcher at Department of Economics, University of Laval, Canada.
2017 (06-08)	Visiting Researcher at School of Public Health, Aarhus University, Denmark.
2017 (01-04)	Research Fellow at African Development Bank. AERC-ADB Research Mentorship Program.
2016-2017	Research fellow at UNICEF Office of Research, Florence. Junior consultant on The Cash Transfers Project. Impact evaluation of cash transfers on morbidity in selected African countries.
2015:	Winner, Primary Health Care Papers' competition. African Health Economics and Policy Association, Accra.
2015:	Finalist, "New Voices in Global Health" Initiative. World Health Summit 2015, Berlin
2011 to 2015	African Economic Research Consortium, Kenya. Collaborative PhD Programme in Economics Full Scholarship Award
2008-2010	African Economic Research Consortium, Kenya. Collaborative Masters Programme in Economics Full Scholarship Award

PUBLICATIONS

Book chapters

1. **Novignon, J.**, Frempong, R. B and Afoakwa, C. (2018). Access to markets, food security and poverty in Ghana: evidence from smallholder farmers. In Akpalu, W., Matshe, I. and Senbet W. L. (Eds). *Linking smallholder farmers to markets: Impact of the purchase for progress pilot programme* (pp.41-68). University of Nairobi Press, Nairobi.

Journal articles

2. Pulok, M. H., Chirwa, G. C., **Novignon, J.**, Aizawa, T., & Makate, M. (2020). Levels of and changes in socioeconomic inequality in delivery care service: A decomposition analysis using Bangladesh Demographic Health Surveys. *PloS one*, 15(11), e0242325.
3. Ratcliffe, H.L., Schwarz, D., Hirschhorn, L.R., Cejas, C., Diallo, A., Elorrio, E.G., Fifield, J., Gashumba, D., Hartshorn, L., Leydon, N. **Novignon, J** and Mohamed, M., 2019. PHC Progression Model: a novel mixed-methods tool for measuring primary health care system capacity. *BMJ Global Health*, 4(5), p.e001822.
4. **Novignon, J.**, Djossou, N.G. and Enemark, U., 2019. Childhood mortality, intra-household bargaining power and fertility preferences among women in Ghana. *Reproductive health*, 16(1), pp.1-12.
5. Atim, C., Arthur, E., Achala, D.M. and **Novignon, J.**, 2019. An Assessment of Domestic Financing for Reproductive, Maternal, Neonatal and Child Health in Sub-Saharan Africa: Potential Gains and Fiscal Space. *Applied health economics and health policy*, pp.1-11.
6. **Novignon, J.**, Ofori, B., Tabiri, K.G. and Pulok, M.H., 2019. Socioeconomic inequalities in maternal health care utilization in Ghana. *International journal for equity in health*, 18(1), pp.1-11.
7. Fonta, L. F, Nonvignon, J., Aikins, M. **Novignon, J.** and Aryeetey, G.C (2019). Economic Analysis of Health Inequality among the Elderly in Ghana. *Journal of Population Aging* <https://doi.org/10.1007/s12062-019-09245-7>
8. **Novignon, J.**, Atakorah Y. B. and Djossou, G. N. (2018). How does the health sector benefit from trade openness? Evidence from sub-Saharan Africa. *African Development Review*. vol. 30, no.2, pp. 135-148.
9. Djossou G. N., Kane G Q. and **Novignon J.** (2017). Is growth pro-poor in Benin? Evidence using a multidimensional measure of poverty. *Poverty and Public Policy*, vol. 9, no.4, pp. 426-443.
10. **Novignon J.**, Musa R. and Nonvignon J. (2018). The poverty and inequality nexus in Ghana: a decomposition analysis of household expenditure components. *International Journal of Social Economics*. vol. 45, no. 2, pp. 246-258
11. **Novignon J.** (2017). Household income inequality in Ghana: a decomposition analysis. *African Journal of Economic and Management Studies*, vol.8, no.4, pp.515-526
12. **Novignon J.** and Nonvignon J. (2017). Improving primary health care facility performance in Ghana: efficiency analysis and fiscal space implications. *BMC Health Services Research*. Vol. 17, No. 399, pp. 1-8.
13. **Novignon J.**, and Lawanson, A. O. (2017). Health expenditure and child health outcomes in sub-Saharan Africa. *African Review of Economics and Finance*. Vol 9, No. 1, pp. 96-121
14. **Novignon J.**, and Nonvignon, J. (2015) Fiscal space for health in Sub-Saharan African countries: an efficiency approach. *African Journal of Health Economics*, vol.4, no. 1, pp. 1-11
15. **Novignon J.** Aboagye E. Otuo Serebour A. and Aryeetey G. (2015). Socioeconomic related inequalities in child malnutrition: evidence from the Ghana multiple indicator cluster survey. *Health Economics Review* Vol. 5 No. 34 pp.1-11.
16. **Novignon, J.** Nonvignon, J and Arthur, E. (2015). Health status and labour force participation in Sub-Saharan Africa: a dynamic panel analysis. *African Development Review*. Vol. 27, No. 1, pp. 14-26.
17. **Novignon, J.** Nicholas Novignon, Genevieve Aryeetey and Nonvignon, J (2014). HIV/AIDS-related stigma and HIV test uptake in Ghana: evidence from the 2008 Demographic and Health Survey. *African Population Studies*, Vol. 28, No. 3, pp. 1362-1379
18. Sebastian Eliason, John K Awoonor-Williams, Cecilia Eliason, **Jacob Novignon**, Justice Novignon and Moses Aikins (2014). Determinants of modern family planning use among women of reproductive age in the Nkwanta district of Ghana: a case- control study. *Reproductive Health*, Vol. 11, No. 1. pp.
19. Awoyemi, O. A. and **Novignon, J** (2014). Demand for abortion and post abortion care in Ibadan, Nigeria. *Health Economics Review*, Vol. 4, No. 3, pp. 1-9.
20. Nonvignon, J and **Novignon, J** (2014). Trend and determinants of contraceptive use among women of reproductive age in Ghana. *African Population Studies*, Vol. 28, No. 2, pp. 956-967

21. **Novignon, J.**, Olakojo, S. A. and Nonvignon, J (2012). The effects of public and private health care expenditure on health status in sub-Saharan Africa: new evidence from panel data analysis. *Health Economics Review*, Vol. 2, No. 22. <http://www.healtheconomicsreview.com/content/2/1/22>
22. **Novignon, J.** and Nonvignon, J (2012). Socioeconomic status and the prevalence of fever in children under age five: evidence from four sub-Saharan African countries. *BMC Research Notes*, Vol.5, No.380. Available at <http://www.biomedcentral.com/1756-0500/5/380>
23. **Novignon, J.**, Nonvignon, J., Mussa, R. and Chiwaula, L. (2012). Health and vulnerability to poverty in Ghana: evidence from the Ghana Living Standards Survey Round 5. *Health Economics Review*, Vol. 2, No. 11. Available at <http://www.healtheconomicsreview.com/content/2/1/11>
24. **Novignon, J.**, Mussa, R., Tinkhani M. and Nonvignon, J (2011). The use of non- prescription medicine and self-assessed health: evidence from Malawi. *International Archives of Medicine*, Vol. 4, No. 38.

Working papers

25. Djossou G. N., **Novignon J.**, Atchade T. B., Abdelkrim A. (2020). The role of Formal, Informal and Family credit in the business performance of young entrepreneurs in Benin. *Partnership for Economic Policy (PEP) Working Paper No. 2020-16*.
26. **Novignon, J.**, Chirwa, G. C., Frempong, R. B. (2020). Impact of agricultural input subsidy on Nutritional outcomes in Malawi. *African Economic Research Consortium (AERC) Working Papers No. 005*.

CONFERENCES/WORKSHOPS

Conferences/workshops attended and presented

1. 2019: European Investment Bank & Global Development Network. Development Finance Research Fellowship inception workshop. 21-30 September – Luxembourg City, Luxembourg. *(With travel grant awarded)*
2. 2019: International Health Economics Association World Congress 13-17th July – Basel, Switzerland. Theme: New Heights in Health Economics. *(With travel Grant awarded)*
3. 2019: Global Health Security Conference. Sydney, Australia. Theme: Progress to date: Opportunities for the future. *(With travel Grant awarded)*
4. 2019: Consultative workshop on Primary Health Care Progression Model. 4th March – Kigali, Rwanda.
5. 2018: 5th Global Symposium in Health Systems Research from 8-12 October. Liverpool, United Kingdom. Theme: Achieving Health Systems for ALL in the SDGs Era. *(With travel grant award)*
6. 2018: 24th Canadian Conference on Global Health from 19-21 November. Toronto, Canada. Theme: Fragile Environments and Global Health: Examining Drivers of Change. *(With travel grant award)*
7. 2018: Partnership for Economics Policy (PEP) annual conference from 7-14 June. Bangalore, India. Theme: Wealth, Children and Climate Change. *(With travel grant award)*
8. 2018: African Economic Research Consortium (AERC) biannual research workshop from 3-7 June. Port Louis, Mauritius. Theme: Innovation and Incubation for Africa Transformation. *(With travel grant award)*
9. 2017: iHEA World Congress from 7-11 July, 2017. Boston University, Massachusetts, USA. *(With travel grant award)*
10. 4th DIAL conference from 29-30 June, 2017. University of Paris-Dauphine, Paris, France. *(With travel grant award)*
11. Transfer Project Workshop from 7-9 June, 2017. King Fahd Palace Hotel, Dakar, Senegal. *(With travel grant award)*
12. African Economic Research Consortium (AERC) biannual research workshop from 4-8 December, 2016. Theme: China and Africa. Radison Blu Hotel, Dakar, Senegal. *(With travel grant award)*
13. 4th African Health Economics and Policy Association Conference (26-29, September, 2016): Rabat, Morocco. *(With travel grant award)*
14. 11th Global meeting of the National Transfer Accounts (NTA) network (20-24 June, 2016): Dakar, Senegal. *(With travel grant award)*

15. 5th ISibalo conference of African Young Statisticians (13th to 17th June, 2016): Pretoria, South Africa. *(With travel grant award)*
16. African Economic Conference (2nd to 4th November, 2015): Kinshasa, Democratic Republic of Congo. *(With travel grant award)*
17. 3rd Global Symposium on Health Systems Research (30 September - 3rd October, 2014): Cape Town, South Africa. *(With travel grant award)*
18. 18th Annual AES Conference on Econometric Analysis and Policy Challenges in Africa (16th to 18th July, 2014): Addis Ababa, Ethiopia. *(With travel grant award)*
19. 3rd AfHEA Scientific Conference on the Post-2015 African Health Agenda and UHC: Opportunities and Challenges (11th to 13th March, 2014): Nairobi, Kenya. *(With travel grant award)*
20. 18th Annual AES Conference on Econometric Analysis and Policy Challenges in Africa (24th to 26th July, 2013): Accra, Ghana. *(With travel grant award)*
21. 1st Pan African Congress on universal coverage (Nov. 15th to 17th 2011): Accra, Ghana.
22. International Health Economics Congress (July 7th to 13th 2011): Toronto, Canada. *(With travel grant award)*
23. 2nd conference of the African Health Economics and Policy (AfHEA) Conference (15th to 19th March, 2011): Dakar, Senegal. *(With travel grant award)*
24. 16th International Conference on AIDS and STIs in Africa (Dec. 4th to 8th, 2011): Addis Ababa, Ethiopia. *(With travel grant award)*
25. HEPNet International Conference (Nov. 29 to Dec. 1, 2010): Abuja, Nigeria. *(With travel grant award)*
26. African Economic Research Consortium (AERC) biannual research workshop from 1st to 5th December, 2013. Theme: Financial inclusion and Innovation in Africa. Safari Park Hotel, Nairobi, Kenya.
27. African Economic Research Consortium (AERC) biannual research workshop from 2nd to 6th June, 2013. Theme: Climate change and economic development in Africa. Mt Meru Hotel, Arusha, Tanzania.

Panelist of special organized sessions at conferences

1. Panelist at special session on Ghana's earmarking experience. Earmarking Learning Exchange and Meeting on Fiscal Space, Public Financial Management (PFM) and Health Financing (25-28 April, 2016): Montreux, Switzerland. Organized by World Health Organization (WHO)
2. Panelist at Special session on fiscal space for health in Ghana and Kenya. 4th African Health Economics and Policy Association Conference (26-29, September, 2016): Rabat, Morocco.
3. Panelist at special session on Fiscal space for health: New evidence on drivers and measurement. 2017 iHEA World Congress from 7-11 July, 2017. Boston University, Massachusetts, USA. Organized by WHO and World Bank.

COURSES TAUGHT

Year (Institution)	Level	Semester One Course Taught	Semester Two Courses Taught	Credit hours
2016/17 (KNUST)	Undergraduate	Public Finance I	Public Finance II	3
	PhD	Advanced Microeconomics Theory		6
	MPhil		Public finance	6
2017/18 (KNUST)	Undergraduate	Public Finance I	Public Finance II	3
	PhD	Advanced Microeconomic Theory		6
	MPhil		Public Finance	6

2018/19 (KNUST)	Undergraduate	Public Finance I	Public Finance II	3
		Elements of Economics I	Elements of Economics II	
	PhD	Advanced Microeconomics Theory		6
	MPhil		Public Finance	6
2019/20 (KNUST)	Undergraduate	Public Finance I		3
		Elements of Economics I		3
	PhD	Advanced Microeconomics Theory		6
	MPhil		Public Finance	6

THESIS SUPERVISION

Student Name(s)	Topic	Status	Role
Undergraduate	Supervised more than 50 undergraduate students. List available upon request.		
Master of Philosophy (Economics)			
Yaw Atakorah Boateng (1906614)	Trade openness, population health status and health financing in sub-Saharan Africa	Defended 2016	Lead Supervisor
Benjamin Osei Gyamfi (1970514)	The effect of official development assistance and foreign direct investment on economic growth in Ghana	Defended 2016	Lead Supervisor
Bernice Ofori (PG6274216)	Health insurance and socioeconomic-related inequalities in health seeking behavior: evidence from Ghana	Defended 2018	Lead Supervisor
Muniratu Tahiru (PG9724817)	Teenage pregnancy, education and labour market outcomes in Ghana	Defended 2019	Lead Supervisor
Uduak-Obong Michael Ezekiel (PG9725017)	Economic Inequality and Chronic Childhood Undernutrition in Nigeria	Defended 2019	Lead Supervisor
Stephen Ankema	Socioeconomic inequalities in public health insurance coverage in Ghana.	In progress	Lead Supervisor
Samuel Apau	Impact of intergovernmental fiscal transfer on local revenue generation in Ghana	In progress	Lead Supervisor
PhD (Economics)			
Stephen Amankwah Yeboah	Studies on Health Insurance, Maternal Health Service Utilization and Health Outcomes in Ghana	In progress	Co-supervisor

SELECTED SERVICES RENDERED TO UNIVERSITY AND COMMUNITY

University (Internal)

- 2019 to date: Examinations officer, Department of Economics, KNUST
- 2019: Member, Committee on Employment Forum, Faculty of Social Science, KNUST
- 2019: Member, Committee on website development, Faculty of Social Science, KNUST
- 2018 to 2019: Assistant department examinations officer, Department of Economics, KNUST.
- 2018: Member, Departmental job fair organizing committee, Department of Economics, KNUST.
- 2017: Member, conference organizing committee, Department of Economics, KNUST.

External (National and International)

- Member, Technical working group on the development of a sub-national primary health care assessment tool, Ghana Health Service (GHS)
- Member, Scientific review committee, African Health Economics and Policy Association 5th conference, Accra
- External reviewer for Masters in Health Economics programme, University of Cape Town, South Africa
- External examiner for MSc Economics programme, Department of Economics, National University of Lesotho
- External examiner for PhD Public Health, School of Nursing and Public Health, University of Kwazulu-Natal

SERVED AS PEER REVIEWER FOR JOURNALS

Served as reviewer for several peer reviewed journals. Please find details [here](#).

OTHER INFORMATION

Affiliation: Member of the International Health Economics Association (iHEA)
 Member of the African Health Economics and Policy Association (AfHEA)
 Member of the Ghana Health Economics and Health Policy Association (GHEPA)
 Member of African Econometric Society (AES)
 Network Member, African Economic Research Consortium (AERC)

Computer: STATA, MS Office, SPSS, E-Views, LIMDEP

Language: English (Native)

REFERENCES

Available upon request.