

Grégoire Lurton | PhD Student in Global Health

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Experience

Global Health Metrics.....

Research Associate **Seattle**
Institute for Health Metrics and Evaluation *2013–Present*
Researching on methods for management and analysis of data from routine Health Information Systems.

Health Information Systems Specialist **Guinea, Mali, Niger, Sierra Leone, Burundi**
NGO Solthis *2008–2013*
Developed strategy and methods for technical support for RHIS for HIV in different countries. Grew the HIS department to a team of six people.

Detailed achievements:

- **Niger** : Implemented an EMR for HIV patients in every facility in the country, trained data entry clerks and their supervisors. Designed and installed the centralization and analysis of this data in the MoH, trained MoH employees to administer and run the system.
- **Guinea** : Coordinated the reform of the Health Information System for HIV care. Designed primary data collection tools, reports and data management tools. Developed and field tested new data collection and analysis methods. Prepared streamlining of HIV data system into national Health Information System. Implemented EMR systems in two hospitals.
- **Sierra Leone** : Revised methods for collection and analysis of HIV data. Organized integration of HIV program data in DHIS2.
- **Mali** : Adapted and rolled out national Data System for HIV in Ségou and Mopti regions.
- **Research** :
 - Designed and coordinated a multicentric study on Tb testing in 1000 HIV patients in Niamey.
 - Designed data collection tools for a nation wide study on task shifting in PMTCT in Niger.

Teaching.....

Advanced Methods in Global Health
University of Washington, Seattle *2017-2018*
Coordinated the development of an advanced graduate three quarters series on Implementation Science and Global Health Metrics

Maximum Likelihood Estimation Methods
University of Washington, Seattle *2014*
TAing for Pr. Chris Adolph.

Introduction to HIS for HIV & Introduction to HIV cohort Monitoring **Ouagadougou**
Université de Ouagadougou *2011-2012*
Inter-University Diploma on HIV

Consultancy.....

Excel Tool for Laboratory Quality Strengthening
ITech *2017*
Developed a tool to collect and analyze data collected for the implementation of WHO's LQSI tool.

Data monitoring for Results Based Financing

Bluesquare

2017

Developed a conceptual framework and software package to develop and test simple algorithms for the monitoring of RBF results in Bénin.

Taxonomy of health facilities outputs indicators

Bluesquare and University of Oslo

2015

As part of a project to ensure interoperability between DHIS2 and OpenRBF, designing a taxonomy of health facilities outputs indicators.

Study on Human Resources for Health Remuneration

DRC

World Bank and MOH Direction of Studies

2014

Designed, implemented and analyzed a survey on the income composition of 1800 health workers in 4 provinces of the DRC.

M&E plan for the National HIV Strategic Plan

Guinea

National Aids Program (SE/CNLS)

2013

Financed by *France Expertise Internationale*, coordinated the redaction of the plan, modeled results target, and designed data collection plan.

Audit of National Health Information System for HIV

Sierra Leone

National Aids Secretariat

2012

Financed by *France Expertise Internationale*, audited every data sources and designed strengthening plan.

Internships.....

Ecological Evaluation of Egyptian Development

Paris

French Development Agency

2008

Wrote a report on ecological issues of Egyptian Development and contributed to include ecological sensitive aspects in the Agency logical framework for Egypt.

Research on LTFU from HIV care

Ségou, Mali

NGO Solthis

2007–2008

Research project on Loss to Follow-up in HIV Care. Created, trained and led a team of community researchers for outreach of LTFU patients.

Modeling of non-wage Labour

Paris

French Ministry of Labour and Social Affairs

2006

Developed a model for forecasting Non Wage Labour in France. Collated a 30 year database on Non Wage Labour from different data sources, and trained the model now used in routine labour forecasts at the ministry.

Factory Information System Audit

Tunis

Tunisie Profilé Aluminium

2005

Audited the Information System of a factory of Aluminium Profiles.

Education

PhD in Global Health

Seattle

University of Washington

2013–Present

Researching on integration of heterogeneous data sources (HMIS, survey data,) and on Machine Learning approach to HMIS data analysis.

Master in International Development Economics

Paris

Sciences-Po

2006–2008

Master in Statistics and Economics

Paris

National School of Statistics and Economic Administration (ENSAE)

2004–2007

Major Macroeconomics and Prevision

Languages

French: Mother tongue

English: Fluent

German: Working knowledge

Spanish: Conversational

Dutch: Notions

Computer skills

OS: Linux/Unix, Windows, OSX

Office: L^AT_EX, Microsoft Office, Open Office

Data Science: Python, R, Stata, SQL, ODK, Gauss, SAS

Versioning: Git

Health: OpenMRS, DHIS2, Fuchia, Esope, Santia, EpiInfo, Voozanoo

Publications

Chapters in Books.....

- **2011** - Jarousse B., Dézé C., Akondé A., **Lurton G.**, *Prise en charge clinique de l'infection VIH dans les pays à ressources limitées*, in Girard P.M., Katlama C., Pialoux G., *Le VIH*, Doin., pp 711-736.

Journal Articles.....

- **2016** - Ouedraogo E., **Lurton G.**, Mohamadou S., Dillé I., Diallo I., Mamadou S., Adehossi E., Hanki Y., Tchouso O., Arzika M., Gazeré O., Amadou F., Illo N., Abdourahmane Y., Idé M., Alhousseini Z., Lamontagne F., Deze C., D'Ortenzio E., Diallo S., *Évaluation du bénéfice apporté par des examens complémentaires pour le diagnostic de la tuberculose chez des patients infectés par le VIH mis sous ARV à Niamey, Niger*, Bulletin de la Société de pathologie exotique, Vol.109, n.5, p. 368-375
- **2016** - Means A., Phillips D., **Lurton G.**, Njoroge A., Furere S., Liu R., Hassan W., Dai X., Augusto O., Cherutich P., Ikilezi G., Soi C., Xu R., Kemp C., *The Role of Implementation Science in Global Health from the perspective of the field's first dedicated doctoral program*, Global Health Action
- **2016** - Bertone MP., **Lurton G.**, Mutombo P., *Investigating the remuneration of health workers in the DR Congo: implications for the health workforce and the health system in a fragile setting*, Health policy and planning, pp 1-9.
- **2013** - Kelly D., Hubenthal E., **Lurton G.**, Empson S., Barrie B., Kargbo B., Wagner G., Giordano T., *Multiple self-report measures of antiretroviral adherence correlated in Sierra Leone, but did they agree?*, International Journal of STD & AIDS, 24(12), pp 931-937.
- **2012** - Koné M., Sidibé E., Malla K., Beye S., **Lurton G.**, Dao S., Diarra M., Dao S., *Sero-prevalence of human immunodeficiency virus, hepatitis B virus and hepatitis C virus among blood donors in Segou, Mali*, Médecine et Santé Tropicale, Vol.22, n. 1, p. 97-98.

Contribution in revues.....

- **2007** - **Lurton G.**, *Mesurer la pression fiscale*, Regards Croisés sur l'économie, 2007/1, n. 1, p. 66-68.

Research Documents.....

- **2007** - **Lurton G.**, Toutlemonde F., *Les déterminants de l'emploi non salariés en France depuis 1970*, Document d'étude de la DARES, n. 129
- **2007** - Rousseau M., Lefkopoulos P., **Lurton G.**, *Modélisation des durées d'incubation et de survie Vih/Sida et estimation sur données cubaines*, Groupe de Travail ENSAE