

**W. H. Eugenie Maïga**

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**EXPERIENCE**

**Economist, African Center for Economic Transformation (ACET)**

2010-Present

- Lead a series of studies on skills development in selected African countries
- Review country case studies on economic transformation
- Grant proposals writing
- Conduct data gathering, cleaning and analysis
- Contribute to computation of an economic transformation index

**Short Term Consultant, The World Bank**

August 2009 to June 2010

Project: The Impact of School Management Reforms in Madagascar: Variation Across Regular Teachers and Contract Teachers

Supervisors: Cornelia Jesse and Paul Glewwe

- Performed data cleaning, management, and analysis
- Conducted literature reviews
- Used econometric packages to perform impact evaluation of the school management reforms in Madagascar

May 2006 to August 2006.

Project: The Impact of Education on Economic Growth in Sub-Saharan Africa.

Supervisor: Paul Glewwe

- Performed a literature review of the impact of education on economic growth in Africa
- Gathered and analyzed data on education outcomes and macroeconomic indicators for developing countries

**Research assistant, University of Minnesota**

2005-2010

Applied Economics, University of Minnesota, Twin Cities, August 2009 to October 2010.

Project: Child Care Choices.

Supervisor: Elizabeth Davis, Associate Professor

- Retrieve child care data from the Minnesota Department of Human Services website, organize the data, and write a codebook
- Gather economic and demographic data for use in analysis of parents' choice of mode of care for Minnesota, Oregon, and Wisconsin
- Perform literature review of econometric methods used in analysis of parents' decision of mode of child care used

Applied Economics, University of Minnesota, Twin Cities, August 2007 to August 2008.

Project: Alternative Methods for Setting Child Care Maximum Rates in Minnesota.

Supervisor: Elizabeth Davis, Associate Professor

- Used cluster analysis to group Minnesota counties into groups based on economic variables
- Recommended four groupings of Minnesota counties that reflect best the child care market in the different areas of the state

Applied Economics, University of Minnesota, Twin Cities, June 2007 to August 2007.

Project: Market Structure of Ferry Industry.

Supervisor: Clarissa Yeap, Assistant Professor

- Cleaned datasets from the National Ferry Database containing information on operators, routes, segments, terminals, vessels, and fare categories

Applied Economics, University of Minnesota, Twin Cities, August 2005 to December 2006.

Project: Cost-Benefit Analysis of Improved Dental Health for Low-Income Children.

Supervisor: Elizabeth Davis, Associate Professor

- Performed literature review on the prevalence of dental caries in low income children and on cost-benefit analysis for health-related problems
- Conducted statistical analyzes using the 2001-2002 National Health and Nutrition Examination Survey (NHANES) to answer questions about disparities in the prevalence of oral health problems in children in regard to their dental insurance status

**Student Worker**, Midwest International Economic Development Conference (MIEDC), Minneapolis, Minnesota, April-May 2009 and April 2010.

**Household Survey Interviewer**, Central Bank of West African States (BCEAO), Ouagadougou, Burkina Faso, July-August 2001.

### **EXECUTIVE TRAINING**

- Household Survey Data: Sampling and Processing, October 2012, African Growth and Development Policy (AGRODEP) Modeling Consortium, IFPRI Dakar Office, Senegal
- Panel Data Econometrics, September 2012, African Growth and Development Policy (AGRODEP) Modeling Consortium, IFPRI Dakar Office, Senegal
- Evaluating Social Programs, May 2012, Abdul Latif Jameel Poverty Action Lab at Alisa Hotel in Accra, Ghana

### **EDUCATION**

- **Ph.D., Applied Economics, University of Minnesota**, Twin Cities, Minnesota, Started August 2005, Completed October 2010, Final GPA: 3.76/4.0

Dissertation: “Essays on the Economics of Health and Education in Developing Countries”

**Essay 1**: “The Impact of Mother’s Education on Child Health and Nutrition in Developing Countries: Evidence from a Natural Experiment in Burkina Faso”

**Essay 2**: “A More Detailed Look at the Mother’s Health Knowledge and Bargaining Power as Pathways in the Mother’s Education-Child Health Relationship”

**Essay 3**: “The Impacts of School Management Reforms in Madagascar: Do the Impacts Vary by Teacher Type?”

Advisors: Paul Glewwe and Robert Town

- **Master of Science, Agricultural Economics, Oklahoma State University**, Stillwater, Oklahoma, Started August 2003, Completed May 2005, Final GPA: 4.0/4.0

Thesis: “Determinants of Adoption of Soil and Water Conservation Techniques in Burkina Faso”.

Advisor: Tracy Boyer

- **Maîtrise, Economics, Université de Ouagadougou**, Ouagadougou, Burkina Faso, Started October 1997, Completed June 2002, (*with honors*)

Senior paper : “*Stratégies de Financement des Projets de Développement par les Bailleurs de Fonds au Burkina Faso : Cas de l’Union Européenne et du Canada*”

Advisor: Abdoulaye Senghor

### **PUBLICATIONS**

- Glewwe, Paul and **Eugenie W. H. Maïga** (2011) “The Impacts of School Management Reforms in Madagascar: Do the Impacts Vary by Teacher Type?” *Journal of Development Effectiveness*, Volume 3(4): 435-469.
- Davis, Elizabeth E., Amos S. Deinard, and **Eugenie W. H. Maïga** (2010) “Doctor, my Tooth Hurts: The Cost of Incomplete Dental Care in the Emergency Room”. *Journal of Public Health Dentistry*, Volume 70 (3): 205-210.
- Elizabeth E. Davis, Roberta B. Weber, Jennifer C. Albright, **Eugenie W. H. Maïga**, and Deana Grobe “A Study of Alternative Methods for Collecting and Analyzing Child Care Price Data to Inform Maximum Rate Setting in the Child Care Assistance Program” Report produced for the Minnesota Department of Human Services, January 2009. Available at <http://edocs.dhs.state.mn.us/lfserver/Legacy/DHS-5540-ENG>

### **PAPERS UNDER REVIEW**

- Glewwe, Paul, **Eugenie Maïga**, and Haochi Zheng “The Contribution of Education to Economic Growth in Sub-Saharan Africa: A Review of the Evidence”, submitted to *World Development* , 2013

### **WORKING PAPERS**

- **Maïga, Eugenie** “Does Foreign Aid in Education Foster Gender Equality in Developing Countries?”
- **Maïga, Eugenie** “Skills Development and Economic Transformation in Africa”
- **Maïga, Eugenie** “The Impact of Mother’s Education on Child Health and Nutrition Outcomes in Developing Countries: Evidence from a Natural Experiment in Burkina Faso”
- **Maïga, Eugenie**, Tracy Boyer, and Jeffrey Vitale. “Determinants of Adoption of Soil and Water Conservation Techniques in Burkina Faso”

### **SELECTED SEMINAR PRESENTATIONS**

- **Maïga, Eugenie** “The Impact of Mother’s Education on Child Health and Nutrition Outcomes in Developing Countries: Evidence from a Natural Experiment in Burkina Faso, paper presented at the 17<sup>th</sup> Annual Conference of the African Econometric Society, Kampala, Uganda 25-28 July 2012.
- **Maïga, Eugenie** “The Impact of Mother’s Education on Child Health and Nutrition Outcomes in Developing Countries: Evidence from a Natural Experiment in Burkina Faso, paper presented at the 6<sup>th</sup> African Economic Conference, Addis Ababa, 25-28 October 2011.
- Davis, Elizabeth, Amos Deinard, and **Eugenie Maïga** (2007) “Doctor, my Tooth Hurts: The Cost of Incomplete Dental Care in the Emergency Room”, paper presented at the American Public Health Association (APHA) Annual Meeting, Washington D.C., 3-7 November 2007.
- **Maïga, Eugenie**, Tracy Boyer, and Jeffrey Vitale (2004) “Determinants of Soil and Water Conservation Techniques in Burkina Faso”, paper presented at the Heartland Environmental and Resource Economics (HERE) workshop, Ames, Iowa, 19-21 September 2004.

### **GRANTS, HONORS AND AWARDS**

- **Low Income-Lower Middle Income Countries Travel Grant**, Agricultural and Applied Economics Association to present at the Annual Meeting, August 3-6, 2013
- **Grant (\$3,000) for research paper on RECOM gender theme**, United Nations University-World Institute for Development Economics Research, Awarded March 2013
- **Departmental Fellowship**, Applied Economics, University of Minnesota, Summer 2009
- **Doctoral Dissertation Fellowship**, Graduate School, University of Minnesota, 2008-2009
- **Travel Grant**, Center for Food and Agricultural Policy, University of Minnesota, 2008
- **Departmental Fellowship**, Applied Economics, University of Minnesota, Spring 2007
- **Spielman Scholarship**, Oklahoma State University, February 2005
- **Member**, Honor Society of Phi Kappa Phi, Oklahoma State University Chapter, elected November 2004
- **Fulbright Scholarship**, 2003-2005
- **National Scholarship**, Government of Burkina Faso, 1998-2002
- Recognized as “**Best Student in the Field of Macroeconomics and Development Economics**”, Unité de Formation et de Recherche en Sciences Economiques et de Gestion, UFR-SEG (School of Economics and Management), Université de Ouagadougou, 2000-2001 and 2001-2002

### **PROFESSIONAL AFFILIATIONS**

- Member of the African Econometric Society, since 2012
- Member of the Association for the Advancement of African Women Economists (AAWE), since 2012

- Member of the African Growth and Development (AGRODEP) Modeling Consortium, since 2012
- Member of the Agricultural and Applied Economics Association (AAEA), since 2008
- Member of the Honor Society of Phi Kappa Phi, since 2004
- Member of the Fulbright Association, since 2003

### **SKILLS**

- **Large Datasets:** Demographic and Health Surveys, National Health and Nutrition Examination Surveys, Minnesota Child Care Market Rates Surveys.
- **Computer Programs:** Microsoft Word, Excel, PowerPoint, WordPerfect
- **Statistical and Other Software:** SAS, STATA, SPSS, Maple, ArcView GIS
- **Languages:** Mooré (native), English (fluent), French (fluent), Dioula (conversant)

### **LEADERSHIP AND COMMUNITY INVOLVEMENT**

- **Chaired** a session during the 17<sup>th</sup> Annual Conference of the African Econometric Society, Kampala Uganda, 25-28 July 2012
- **Committee Member**, Departmental Head Search, Applied Economics, University of Minnesota, January-April 2008.
- Presented Burkina Faso's traditional dish, clothing, and artifacts at the international dinners of the Applied Economics department, University of Minnesota, Saint Paul, MN, 2006-2010
- Presented Burkina Faso's traditional dish the international dinners at Oklahoma State University, Stillwater, OK, 2004-2005
- **Volunteer** for the NGO Réseau d'Information et de Formation sur le Développement RIFOD (Network of training in information technology and communication), Ouagadougou, Burkina Faso, 2000.