

# DR. CELESTINE SIAMEH

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## MAJOR FIELDS OF CONCENTRATION

International Trade & Development Economics (Secondary: Public Economics & Economic History)

## EDUCATION

**Ph.D. Applied Economics (*partly with Economics*), University of Minnesota - Twin Cities** 08/2022

- Dissertation Title: *Essays on International Trade, Inequality, and Fiscal Policies*.  
(Co-chairs: Professor Timothy Kehoe and Professor Paul Glewwe) *Thesis Defended/Passed*.

**M.S. Agricultural Economics, Mississippi State University** 2016

- Thesis: *Cotton Premium Rate Heterogeneities and Implications under Climate Change*.  
(Chair: Professor Jesse Tack).

**B.S. Agricultural Economics, University of Ghana** 2010

- Thesis: *Loan Default among Farmers in the Dangme-West District, Ghana*.

**Accounting (Part 1), Association of Chartered Certified Accountants (ACCA) – UK** 2010

## WORK EXPERIENCE

**World Bank - Washington DC** 12/2020 – 02/2021

*Consultant (Research Assistant), Social Protection and Jobs Unit*

- Worked on a project that provides the Nigerian Government with research facts on how different skill packages can improve youth employment outcomes.
- Analyzed randomized data collected across three different states of Nigeria (Bauchi, Cross River, and Kogi) using various statistical methods and reported the results in spreadsheets.

### University of Minnesota - Twin Cities

*Research Assistant, Applied Economics Department* 09/2021 – 01/2022, 05/2019 – 08/2019

- Conducted a systematic and in-depth literature review on school resources and educational outcomes in developing countries.
- Coauthored this project, successfully published in the “*Routledge Handbook of the Economics of Education*.”

*Research Assistant, Institute for Social Research and Data Innovation (ISRDI) – Minnesota Population Center* 07/2018 – 01/2019

- Worked at the Federal Statistical Research Data Centre (RDC) using US census data and Moving to Opportunity (MTO) data.
- Developed statistical code (coding and documenting variable construction) and merged and managed multi-level data sets.
- Conducted a statistical and econometric analysis using the US census and MTO data sets to examine how housing policy and neighborhood context influence the health and social mobility of low-income adolescents and their parents.

*Research Assistant, Special Sworn Status Researcher: U.S. Census Bureau* 05/2017 – 08/2018

- Worked at the Federal Statistical Research Data Centre (RDC) on a project that examined the linkage between institutions and the development of American Indian Reservations.
- Geocoded and merged different US census data (LBD, ILBD, SBO, etc.), American Community Survey (ACS) data, and other datasets.
- Assisted in creating datasets for the business dynamics study of American Indian Reservations.
- Estimated Audretsch and Mahmood (1995) hazard rate model and other statistical analyses to answer questions on business dynamics and Survey of Business Owners (SBO) in American Indian Reservations compared to nearby counties.

*Research Assistant, Center for Urban and Regional Affairs (CURA) - PRG* 05/2017 – 08/2017

- Analyzed the qualitative and quantitative outcomes of housing development in the James Avenue Cluster (25<sup>th</sup> and James Avenue North in Minneapolis).
- Designed and implemented a survey for data collection. It was distributed to and responded to by residents of the cluster. This was done in collaboration with the directors of the community, who helped with the data collection strategy.
- Conducted various statistical analyses using the data collected alongside other quantitative and GIS data.
- Wrote a final report of the analysis findings and provided policy implications, which was finally shared with the center and other stakeholders.

*Research Assistant, Hubert H. Humphrey School of Public Affairs* 10/2016 – 08/2017

- Assisted in outreach and training employers and employees to increase teleworking in Minnesota's Twin Cities metro area.
- Collected and analyzed data on the outcomes and results using surveys, interviews, and other direct contact means, with participating employers and employees.

### **Mississippi State University**

*Research Assistant, Department of Agricultural Economics* 08/2014 – 08/2016

- Assisted in data collection and logistics of a non-hypothetical laboratory choice experiment entitled "Identifying New Market Opportunities for US catfish."
- Assisted in a literature review, data collection, and logistics for a non-hypothetical laboratory choice experiment entitled "Consumer Demand for Frozen and Value-Added Mississippi-Grown Blueberry Food Products."

### **ASI-ACDI/VOCA (Agricultural Cooperative Development International in Overseas Cooperative Assistance)**

*Consultant/Data Analyst/Field Supervisor/Research Assistant* 09/2013 – 07/2014

- Designed surveys and implemented them.
- Trained and monitored enumerators and evaluated them and other workers on the field.
- Designed templates for data entry and collation of the collected surveys.
- Conducted focus group discussions with farmers and key informant interviews with aggregators.
- Prepared research proposals and final reports.

### **Ministry of Employment and Labor Relations, Ghana**

*Senior Program Officer, Integrated Community Center for Employable Skills* 03/2013 – 05/2014

- Monitored and evaluated activities at the center, specifically geared towards "on-the-job" and competency-based training, which included short courses of between three to six months and regular programs which lasted between three to four years.
- Designed special training schemes for repatriated trafficked children, illiterate, and dropouts.
- Prepared a sponsorship proposal for the center to seek external funding.
- Taught Math and English and trained and mentored students with employable entrepreneurship skills.

### **University of Ghana**

*Research Assistant, Department of Agricultural Economics and Agribusiness* 08/2010 – 07/2011

- Helped collect and analyze data by supporting my supervisor and other lecturers.
- Assisted final-year undergraduate students in their research work.

## **TEACHING EXPERIENCE**

### **Department of Applied Economics, University of Minnesota - Twin Cities**

*Teaching Assistant, Applied Macroeconomics: Government and the Economy* 09/2020 – 05/2021

- Led office hours and exam review sessions.

*Teaching Assistant, Principles of Microeconomics* 09/2020 – 01/2021

- Led office hours, assisted students with term papers, and graded this class.

<i>Teaching Assistant, Business Economics and Strategy</i>	01/2020 – 05/2020
➤ Led office hours and graded this class.	
<i>Teaching Assistant, Food Marketing Economics</i>	09/2019 – 01/2020
➤ Led office hours and graded this class.	
<i>Teaching Assistant, Introduction to Food Systems</i>	09/2019 – 01/2020
➤ Led office hours and graded this class.	

### **Lindahl Academic Center, University of Minnesota - Twin Cities**

<i>Tutor, Principles of Microeconomics and Applied Microeconomics</i>	09/2020 – 01/2021
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### **Osher Lifelong Learning Institute (OLLI), University of Minnesota - Twin Cities**

<i>Instructor, An Interdisciplinary Survey of the Africa Continent</i>	01/2021 – 05/2021
<i>Instructor, Diverse Voices in Africa – Government and Leadership</i>	01/2018 – 05/2018

### **University of Ghana**

<i>Teaching Assistant, Department of Agricultural Economics and Agribusiness</i>	08/2010 – 07/2011
➤ Taught undergraduate course level in Microeconomics and Macroeconomics.	
➤ Held tutorials for students, assisted students with special needs, and graded assignments and exams.	

### **PUBLICATION**

Glewwe, P., **Siameh, C.**, Sun, B., & Wisniewski, S. (2021). School Resources and Educational Outcomes in Developing Countries. *The Routledge Handbook of the Economics of Education*, edited by Brian McCall.

### **WORKING PAPERS**

**Siameh, Celestine** (2021). Brexit, Trade in Intermediates, and Global Value Chains: Beyond the UK and the EU.

**Siameh, Celestine** (2019). Universal Basic Income, Targeted Cash Transfers, and Progressive Taxation: Reducing Income Inequality in South Africa.

**Siameh, Celestine** (2018). The Impact of Education Reforms on Household Adult Welfare Outcomes in Ethiopia: The 1994 Free Primary Education Reform.

### **CONFERENCES AND WORKSHOP PRESENTATIONS**

**Siameh, C.** “Brexit and Global Value Chains: Beyond the UK and the EU,” presented at [GSIPE](#) Spring 2022 Workshop Series, April 11<sup>th</sup>.

**Siameh, C.** “Brexit and Global Value Chains: Beyond the UK and the EU,” presented at Trade and Development Workshop, University of Minnesota - Economics Department.

**Siameh, C.** “Universal Basic Income, Targeted Cash Transfers, and Progressive Taxation: Reducing Income Inequality in South Africa,” presented at Summer School on Socioeconomic Inequality Workshop (SSSI 2019), Chengdu-China, ([HCEO](#)) by the University of Chicago, Department of Economics. **(Poster)**

**Siameh, C.** “Universal Basic Income, Targeted Cash Transfers, and Progressive Taxation: Reducing Income Inequality in South Africa,” presented at Allied Social Sciences Association (ASSA) Annual Meeting, January 2021, Chicago, IL. **(Poster)**

**Siameh, C.** “Universal Basic Income, Targeted Cash Transfers, and Progressive Taxation: Reducing Income Inequality in South Africa,” presented at Agricultural and Applied Economics Association (AAEA) Meeting, August 2020, Kansas City, MO.

**Siameh, C.** “The Impact of Education Reforms on Household Adult Welfare Outcomes in Ethiopia: The 1994 Free Primary Education Reform,” presented at Allied Social Sciences Association (ASSA) Annual Meeting, January 2021, Chicago, IL. **(Poster)**

**Siameh, C.** “The Impact of Education Reforms on Household Adult Welfare Outcomes in Ethiopia: The 1994 Free Primary Education Reform,” presented at Agricultural and Applied Economics Association (AAEA) Meeting, August 2020, Kansas City, MO.

**Siameh, C.** “The Impact of Education Reforms on Household Adult Welfare Outcomes in Ethiopia: The 1994 Free Primary Education Reform,” presented at the Center for the Study of African Economies (CSAE) Conference, March 2020, University of Oxford, UK.

Summer School on Socioeconomic Inequality (SSSI 2019) Workshop, Chengdu-China, ([HCEO](#)) by the University of Chicago, Department of Economics. (**Workshop participant**)

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## HONORS AND AWARDS

**Scholar**, P.E.O. International Peace Scholarship ([IPS](#)) 2017-2019

**Certificate of honor, Summer School on Socioeconomic Inequality** 2019

➤ Human Capital and Economic Opportunity Working Group ([HCEO](#))

**Honorary member, Gamma Sigma Delta Agricultural Honor Society** 2016

➤ Mississippi State University

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## LEADERSHIP AND TEAMWORK

**Mentor**, Graduate Applications International Network ([GAIN](#)) 07/2022 – 06/2023

**Event Team**, Graduate Students in International Political Economy ([GSIPE](#)) 06/2022 – 06/2023

**Member**, Toastmasters International ([Toastmaster](#)) 06/2022 – Present

**Mentor & Mentee**, The Women in Economics Initiative, 2022-2023 Mentoring Programme ([WiE](#)) 10/2022 – 09/2023

**Project Planning Lead**, Mandela Fellows Foreign Exchange Supplement Project (MFFESP) - Golden Toasters Club, Toastmaster’s international 08/2022 – Present

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## COMPUTER SKILLS

Stata (experienced), MATLAB (experienced), SAS (experienced), Latex (experienced)

Python (intermediate), R (intermediate),

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## LANGUAGE

English (fluent), Spanish (beginner), French (beginner)

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## REFERENCES

Professor Timothy J. Kehoe  
Department of Economics, University of Minnesota  
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