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Education

2021 – 2026 🔖 **Ph.D., Health Services Research (Health Economics emphasis)** University of Toronto-Institute of Health Policy, Management and Evaluation.
Dissertation title: *Maternal Mortality and Economic Outcomes following preterm birth in Canada: A research foundation for a CAN-LEAP project.*

2019 – 2021 🔖 **M.A. Economics** Memorial University of Newfoundland.
Thesis title: *Determinants of the frequency and timing of antenatal care in Ghana.*

2015 – 2017 🔖 **M.Phil. Economics** University of Ghana.
Thesis title: *Effect of maternal mass media exposure and women empowerment on neonatal mortality in Ghana.*

2010 – 2014 🔖 **B.A. Economics** University of Ghana.
Project title: *Cost-Benefit Analysis of building water recycling plant in Adjen-Kotoku, Accra, Ghana.*

Teaching Experience

2023 – · · · · 🔖 **Teaching Assistant (Winter semester),** PHM213H1 Health Economics and Pharmacoeconomics (Doctor of Pharmacy students),
Leslie Dan School of Pharmacy, University of Toronto.
Lecturers: Dr. Paul Grootendorst and Dr. Manny Papadimitropoulos

2019 – 2020 🔖 **Teaching Assistant,** ECON 1010 Introduction to Microeconomics (Undergraduate students)
Department of Economics, Memorial University of Newfoundland.
Lecturer: Dr. Gubhinder Kundhi

2014 – 2015 🔖 **Teaching Assistant,** Department of Economics, University of Ghana.
🔖 ECON 101/102 Introduction to Economics I & II (First-year undergraduate students)
🔖 ECON 201/202 Elements of Economics I & II (Second-year undergraduate students)
🔖 ECON 301 Microeconomic Theory I (Third-year undergraduate students)
Lecturers: Dr. Priscilla Twumasi-Baffour and Dr. Nkechi Owoo

Professional and Research Experience

2023–   **Research Assistant** Child Health Evaluative Sciences, The Hospital for Sick Children (SickKids), Elizabeth St., Toronto, Ontario.

Dr. Petros Pechlivanoglou serves as my supervisor in researching the maternal health and economic effects of preterm birth in Canada.

My dissertation merges five pan-Canadian longitudinal datasets to conduct population-based matched cohort study using causal inference techniques (such as coarsened exact matching), multiple imputation by chained equations, survival data analysis and the generalized estimating equations models.

I used R programming for data analysis and Stata for regression analysis.

2023– 2025   **Health Economist** McKesson Canada, Mississauga, Ontario.

I developed Budget Impact Models (BIM) and wrote BIM reports for Health Technology Assessment submissions (Canada's Drug Agency (CDA), Institut national d'excellence en santé et en services sociaux (INESSS), Federal, Provincial, Territorial, and private payers).

I adapted Pharmacoeconomic (PE) models and wrote PE reports for HTA submissions (CDA, INESSS, F/P/T, and private payers).

I conducted systematic literature reviews to support indirect treatment comparison analysis.

I undertook pricing research to support submissions to the Patented Medicines Price Review Board (PMPRB).

I wrote product summary reports and completed comparator status templates to support HTA submissions.

2022   **Research Assistant** Global Health Innovation Lab, Western University.

I conducted literature reviews and wrote manuscripts for publication.

2021   **Customer data analyst** Nocland Business Incorporation, Newfoundland and Labrador.

Undertook customer data analysis and reporting under the supervision of the Chief Operating Officer (Mr. Stephen Finn).

2020– 2021   **Research Assistant** Rose Ricciardelli Research Lab, Memorial University of Newfoundland-Sociology Department.

Assisted principal investigators namely, Drs. Rosemary Ricciardelli (MUN) and Michael Adorjan (University of Calgary) on several research projects by coding interview transcripts using Nvivo.

English Interviewer MarketQuest Omnifacts Research, St. John's, Newfoundland and Labrador, Canada.

Under the supervision of Ms. Rachel Harding, I interviewed and collected data for the New Brunswick Health Council Primary Health Survey and other projects.

Professional and Research Experience (continued)

2017 – 2019   **Research Analyst** Ghana Chamber of Bulk Oil Distributors, Abelemkpe-Accra, Ghana.

Assisted the past Chief Executive Officer (i.e., Mr. Senyo Hosi) to publish monthly newsletters and annual reports to improve industry knowledge while encouraging evidence-informed decisions and trading activities.

Research Publications

Journal Articles

1. O. Ezezika, M. Mengistu, E. Opoku, A. Farheen, A. Chauhan, and K. Barrett, "What are the barriers and facilitators to polio vaccination and eradication programs? a systematic review," *PLOS Global Public Health*, vol. 2, no. 11, e0001283, 2022.

Skills

Languages   Strong reading, writing, and speaking competencies in English.

Coding   R, Stata, Python, SQL, LaTeX, …

Databases   MySQL, PostgreSQL.

Misc.   Academic teaching, research, training, consultation, LaTeX typesetting, and publishing.

Miscellaneous Experience

Awards and Achievements

2022   **Dalla Lana Merit-Based scholarship**, University of Toronto, Canada.

2021   **University of Toronto Fellowship (UTF-funding)**, University of Toronto, Canada.

2019   **School of Graduate Studies fellowships**, Memorial University of Newfoundland, Canada

Certification

2020   **Commercial Banking and Credit Analyst (CBCA)**. Awarded by Corporate Finance Institute.

2019   **Google Digital Marketing and Analytics**. Awarded by Google.

Conferences Attended

2022   **Canada Association for Population Therapeutics (CAPT)**.

2023   **Canada's Drug Agency Symposium**.

References

Available upon Request