

Richmond Tetteh

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in [richmond-tetteh](#)

🌐 [Personal Website](#)

Education

- Aug 2022–Aug 2027 **Ph.D. in Economics**, *Simon Fraser University, Burnaby, Canada*
Research Interests: Empirical Macroeconomics, Applied Econometrics, Financial Economics.
- Aug 2019–Aug 2021 **M.Sc. Applied and Computational Mathematics**, *Simon Fraser University, Canada*
Projects: Spectral Collocation for Boundary-Layer Problems; PDE Methods for Pricing Barrier Options.
- Aug 2014–May 2018 **B.A. Economics and Mathematics** (First Class Honors), *University of Ghana, Accra*
Project: Mathematical Modeling of Consumer Preferences Using Partial Differential Equations.

Research

Working Papers

- 📄 Specification Testing with Many Auxiliary Statistics (*with Bertille Antoine*)
- 📄 Beyond the Policy Rate: The Hidden Stance of Monetary Policy in Canada (*with Eric Fortier*)
- 📄 From Pandemic to Conflict: Ripple Effects on Canada's Economy

Research Assistantship

- Aug 2023–Present 📄 **Research Assistant**, *Dept. of Economics, SFU* — Supervisor: Prof. Bertille Antoine
- Co-authoring a paper with Prof. Antoine; responsible for all computational implementation.
 - Designed and executed Monte Carlo simulations to evaluate model performance.
 - Downloaded and processed real income data for empirical analysis and model validation.
 - Assisted in the writing and editing of the manuscript.
- Sept 2019–Aug 2021 📄 **Research Assistant**, *Dept. of Mathematics, SFU* — Supervisor: Prof. Manfred Trummer
- Researched spectral collocation methods for boundary value problems with boundary layers.
 - Assisted faculty with computational research projects in applied mathematics.
 - Performed numerical simulations and data analysis using MATLAB and Python.

Conference and Seminar Presentations

- 📄 CEA Annual Meeting, Vancouver (May 2026) — *Chair and Presenter*
- 📄 Canadian Econometrics Study Group (CESG) Annual Meeting (Nov 2025) — *Participant*
- 📄 CEA Annual Meeting, Montreal (May 2025) — *Presenter*
- 📄 CEA Annual Meeting, Toronto (May 2024) — *Participant*

Teaching Experience

- Jan 2024–Present 📄 **Instructor: Mathematics and Statistics**, *LaSalle College, Vancouver, Canada*
Courses: Mathematics and Statistics, Research Methodology, Philosophy.
- 2025 & 2026 Teaching Excellence Award Nominee.
 - Delivered weekly lectures (4 hours per session) in hybrid format to engaged student cohorts.
 - Designed course materials including lectures, assignments, quizzes, and assessments.
 - Maintained high grading standards with detailed feedback on all student submissions.
- Aug 2018–Jul 2019 📄 **Teaching & Research Assistant**, *Dept. of Mathematics, University of Ghana, Accra*
- Achieved 80% improvement in student grades, raising the class average to B.
 - Conducted statistical and mathematical data analysis to support faculty research.
 - Facilitated class discussions and assessed learning needs for 30+ students.

Teaching Assistant, Dept. of Economics, Simon Fraser University

[Aug 2022–Present]

- 📄 ECON 818 Applied Economic Analysis using Time Series Methods; ECON 325 Industrial Organization
 - 📄 ECON 305 Intermediate Macroeconomic Theory (×3); ECON 105 Principles of Macroeconomics (×5)
 - 📄 ECON 113 Introduction to Microeconomics; ECON 103 Principles of Microeconomics
- Tutorials and review sessions (3–5 per week), office hours, and grading of assignments, midterms and final exams.
 - Delivered lectures to classes of 80–100 students in the instructor's absence.

■ Head TA (TA Mentor), ECON 105 and ECON 113 (150–300 students)

- Provided TAs with weekly lesson plans, including slides and activities.
- Served as spokesperson for TAs when shared concerns needed to be raised with the instructor.
- Held weekly drop-in office hours for TAs and made classroom visits to give new TAs feedback on their teaching.
- Supported TAs with marking, engaging students in discussion, time management, and workload concerns.

Teaching Assistant, Dept. of Mathematics, Simon Fraser University

[Sept 2019–Aug 2021]

- ■ Pre-calculus and Calculus; Linear Algebra; Advanced Calculus
- Facilitated workshops (3–4 per week) for classes of 50–90 students, explaining complex concepts concisely.
- Designed study plans for students using SWOT analysis; improved the Advanced Calculus pass rate to 95%.

Honors and Awards

- ■ **Terry Heaps Outstanding TA Award**, Dept. of Economics, Simon Fraser University Summer 2026
- ■ **Lang Wong Memorial Endowment Award**, Simon Fraser University Summer 2026, Spring 2024
- ■ **SFU President's PhD Scholarship Award**, Simon Fraser University Summer 2025
- ■ **Sadhu T.I. Vaswani / Indian Association of Ghana Endowment Fund**, University of Ghana Fall 2018 for Best Mathematics Student

Other Professional Experience

- Jan 2022–Dec 2022 ■ **Senior Accounting Assistant**, *Simon Fraser University, Burnaby, Canada*
- Prepared and uploaded journal vouchers to the General Ledger; processed bank reconciliations and e-cheques.
 - Assisted students with their student accounts; processed and analysed student refunds.
- May 2016–Sep 2016 ■ **Operations and Sales Representative (Co-op)**, *UniCredit Ghana Ltd, Accra*
- Increased new accounts and deposits by 40%; achieved a 90% customer satisfaction rating.
 - Tracked and analysed key metrics including pipeline growth and win/loss rates.
- May 2015–Sep 2015 ■ **Statistical and Medical Records Representative (Co-op)**, *LEKMA Hospital, Accra*
- Extracted and cleaned data from medical records using Excel; produced data visualizations.
 - Calculated and analysed bed turnover, obstetric and perinatal rates, and birth and death rates.

Volunteering Work and Community Activities

- Sept 2025–Present ■ **Volunteer**, *Aya Women's Health Society, British Columbia, Canada*
- A women-led, community-based non-profit supporting women's health initiatives.
- Collecting and managing data to support community-led women's health research.
 - Organising workshops and outreach events to promote health education.
 - Assisting with research activities and programme evaluation.
- Apr 2021–Present ■ **District Financial Secretary**, *Church of Pentecost, Burnaby, Canada*
- Keeping financial records and preparing financial reports for the Church.
 - Devising means of raising funds in consultation with the executive and board members.
 - Disbursing funds of third parties as directed by the leadership.
- Jun 2020–Dec 2024 ■ **PENSA Coordinator**, *Church of Pentecost, Burnaby, Canada*
- Built a database of students in colleges and universities across Burnaby, Surrey and Vancouver.
 - Coordinated all youth activities, church groups, and executed events and meetings.
 - Identified, harnessed, developed, and empowered the talents of PENSA members.
- Aug 2016–Dec 2018 ■ **Research and Training Coordinator**, *Kids and Math, Accra, Ghana*
- Conducted research on organizational activities and recommended improvements.
 - Devised the organizational training strategy, oversaw its implementation, and assessed outcomes.
 - Set up a research and training committee, presenting reports for approval by the board.

Skills

Programming & Software: MATLAB, Python, R, STATA, L^AT_EX, Microsoft Office Suite