

Christiana Oluwatoyin Onabola, PhD

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RESEARCH INTERESTS

I study how health systems and public institutions assess evidence and represent people, through indicators, administrative categories and algorithms, how those judgments shape consequential decisions, and how those decisions become embodied as health inequities. My work combines epidemiological analysis with policy, document and mixed-methods research.

- **Institutional decisions and structural determinants of health:** how decisions about public services, social supports and environments become embodied as differences in health, mental health and wellbeing; the Disrupted Proximal Processes framework
- **Governance of predictive artificial intelligence (AI) in health care:** how hospitals and health systems evaluate predictive models, what counts as sufficient evidence, and whether evaluation findings lead to corrective action; the Simulated Subjecthood Risk Framework and algorithmic embodiment
- **Measurement and evaluation of equity in institutional decisions:** whether needs indices, allocation formulas and other decision tools capture differences in need; indicator development and evaluation
- **Cross-cutting methods:** epidemiologic and spatial analysis of administrative data, effect modification, policy and document analysis, mixed methods, Delphi methods and Sex and Gender-Based Analysis Plus

EDUCATION

Doctor of Philosophy (PhD), Health Sciences (Environmental Health) 2026

University of Northern British Columbia, Prince George, British Columbia.

Dissertation: *The Land-Water-Energy Nexus in Rural and Remote Landscapes: Navigating Toward Health Equity Through the Localization of the Sustainable Development Goals*. Supervisor: Dr. Margot W. Parkes. Vanier Canada Graduate Scholar. doi.org/10.24124/2026/30762

Master of Science (MSc), Epidemiology (Socio-environmental Epidemiology and Health Policy) 2024

Columbia University, Mailman School of Public Health, New York

Thesis: *Environmental Pollutants and the Modifying Effect of Psychosocial Stress on Gestational Blood Pressure: A Cross-Sectional Study*. Supervisor: Dr. Teresa Janevic

Master of Public Policy and Global Affairs (MPPGA), Resources, Energy and Sustainability 2018

University of British Columbia, Vancouver

African Leaders of Tomorrow Scholar

Bachelor of Science (Honours), Pharmacology

University of Lagos, Nigeria

Shell Petroleum Development Company National Merit Scholar.

CURRENT POSITIONS

Scientific Director

2026 to present

*Evidence Adoption Institute (Canadian non-profit research organization),
Edmonton, Alberta*

- Leads the Institute's applied research agenda on how health and policy institutions interpret evidence, judge its sufficiency and remain accountable for consequential decisions
- Leads development of the Evidence Sufficiency Platform (early prototype)
- Builds research partnerships, including the Institute's role as Canadian co-applicant on an application to the International Development Research Centre's Addressing Neglected Areas of Sexual and Reproductive Health and Rights in Sub-Saharan Africa (ANeSA) funding opportunity with the Policy Innovation Centre, Nigeria

Founder and Board Director

2024 to present

Evidence Adoption Institute

- Established the organization and contributes to its governance, strategic direction and policy development

Lead Scientist

2026 to present

Threshfield Health Intelligence (early-stage health intelligence advisory company), Edmonton, Alberta

- Develops advisory services in pilot design for decision-grade evidence and in health artificial intelligence assurance, building on the Simulated Subjecthood Risk Framework

Sessional Biology Laboratory Instructor (part-time, online delivery)

2026 to present

College of New Caledonia, Prince George, British Columbia

- Teaches laboratory sections of three first-year biology courses (77 students); details under Teaching

RESEARCH EXPERIENCE

Clinical Artificial Intelligence Research Fellow

2026

*Clinical Artificial Intelligence Governance Fellowship (inaugural cohort),
TechForward Impact*

- Developed the Simulated Subjecthood Risk Framework for examining how artificial intelligence tools in health care act on data-based representations of patients
- With collaborators, extended the framework into an open-source analysis pipeline examining subgroup performance in clinical artificial intelligence, with a first use case on sex-related performance differences in cardiovascular prediction; translating it into an assurance checklist

Lead, MedEquity Applied Research and Innovation Collaboration

2025 to present

*Labs4 Technology Readiness Level Upgrade (TRL-UP) program and Edmonton
Unlimited*

- Leads development of a patient-centred digital health platform for documenting inequitable care experiences and supporting consent-based organizational learning
- Labs4 TRL-UP program and approved Mitacs Business Strategy Internship, September to December 2026; incubator space at Edmonton Unlimited

Doctoral Researcher

2018 to 2026

*Learning from Ecosocial Approaches to Planetary and Public Health (LEAPH)
Lab and Environment, Community, Health Observatory (ECHO) Network,
University of Northern British Columbia*

- Led a four-phase sequential exploratory mixed-methods study of the seven-decade health equity legacy of the Kenney Dam for communities of the Nechako watershed, including 15 First Nations
- Analyzed census-linked health and marginalization data, with temporal and spatial analysis of deprivation, mortality and area-level determinants of mental health
- Applied a modified Situational Analysis and Grounded Theory approach to policy and archival documents, and developed the Disrupted Proximal Processes framework linking governance decisions to embodied health and mental health harm
- Designed a follow-on protocol combining a two-round e-Delphi, cognitive interviews and participatory workshops to operationalize equity indicators, with Sex and Gender-Based Analysis Plus (SGBA+) integrated throughout

Co-investigator

2023 to 2024

*Statistics Canada Research Data Centre, Canadian Research Data Centre
Network*

- Analyses of time trends and spatial patterns of inequalities in area-level determinants of mental health in the Nechako watershed, using secure administrative and survey data (Contract #10565)

Graduate Researcher

2023 to 2024

*EnVironmental Impact on Birth Equity (VIBE) Lab, Department of
Epidemiology, Columbia University Mailman School of Public Health*

- Analyzed FAIRSTART cohort data on environmental pollutants, psychosocial stress and gestational blood pressure, including effect modification by psychosocial stress

Peer Researcher

2021 to 2024

*Making Mothers Matter Project, Centre for Family Equity and University of
British Columbia*

- Co-designed survey and evaluation tools, led qualitative data collection and translated findings into policy recommendations on family equity and maternal health

Research Project Co-Lead

2021 to 2023

*Engaging Men and Boys in the Advancement of Gender Equality, British
Columbia Council for International Cooperation*

- Designed and conducted interviews with leaders of international organizations, including Promundo, the Global Network of Women Peacebuilders and the Caribbean Male Action Network, and led thematic analysis; presented findings to stakeholders and in an invited guest lecture

Policy Researcher

2021 to 2023

*Localizing the Sustainable Development Goals and Voluntary Local Reviews,
British Columbia Council for International Cooperation*

Research Assistant

2018 to 2020

*Cumulative Impacts Research Consortium, University of Northern British
Columbia*

- Comparative case study of the gendered impacts of the speculative phase of resource development; applied gender-based analysis to environmental policy evaluation

PUBLICATIONS

Peer-reviewed journal articles

1. **Onabola, C.O.** (2026). Systems thinking for global health: How planetary health and the wellbeing economy can restore the Sustainable Development Goals' (SDGs) transformative potential [Perspective]. *Challenges*, 17(3), 35. doi.org/10.3390/challe17030035
2. **Onabola, C.O.**, Andrews, N., Gislason, M.K., Harder, H.G., & Parkes, M.W. (2022). Exploring cross-sectoral implications of the Sustainable Development Goals: Towards a framework for integrating health equity perspectives with the land-water-energy nexus. *Public Health Reviews*, 43, 1604362. doi.org/10.3389/phrs.2022.1604362
3. Eaton, W.M., Burnham, M., Robertson, T., ... **Onabola, C.O.**, ... & Rogers, A. (2022). Advancing the scholarship and practice of stakeholder engagement in working landscapes: A co-produced research agenda. *Socio-Ecological Practice Research*, 4(4), 283 to 304. doi.org/10.1007/s42532-022-00132-8
4. Olufemi, O., Joe-Ikechebelu, N., **Onabola, C.O.**, Ogundeji, Y., & Akanwa, A. (2022). The interface between the Lassa virus epidemic, the COVID-19 pandemic, and the food environment in Nigeria: A One Health approach. *Journal of Inclusive Cities and Built Environment*, 2(3), 13 to 30.
5. **Onabola, C.O.** (2019). Planetary health as a central context to the Sustainable Development Goals (SDGs). *Journal of Environmental Health and Sustainable Development*, 4(3). doi.org/10.18502/jehsd.v4i3.1495

Forthcoming

6. **Onabola, C.O.** (2026). Operationalizing Situational Analysis for document-only inquiry: Extending Clarke's historical discourse mapping. *Forthcoming*.

Manuscripts under review

7. **Onabola, C.O.**, et al. (2026). Governing simulated subjects in clinical AI: The Simulated Subjecthood Risk Framework. *Digital Society*. Under review.
8. **Onabola, C.O.**, et al. (2026). Simulated subjecthood: A conceptual framework for artificial intelligence systems that govern through constructed representations. *Philosophy & Technology*. Under review.
9. Akaogor, E., **Onabola, C.O.**, et al. (2026). Operational evaluation of governance risks in simulated subjecthood: A lifecycle framework for AI governance. *Ethics and Information Technology*. Under review.
10. Akaogor, E., **Onabola, C.O.**, et al. (2026). Simulated subjecthood and the governance of computational representation: From predictive performance to institutional power. *Philosophy & Technology*. Under review.

Manuscripts in preparation

11. **Onabola, C.O.** Disrupted Proximal Processes: A conceptual model for understanding how governance decisions become embodied through relational processes. *In preparation*.

12. **Onabola, C.O.** Is access expanding or contracting? Divergent trends in authorization volume and approval rates for psilocybin and MDMA under Canada's Special Access Program (2021 to 2024). In preparation.
13. **Onabola, C.O.** Re-centering health equity in social-ecological systems research: Toward an integrative health equity framework. In preparation.
14. **Onabola, C.O.** Using the Sustainable Development Goals to reveal hidden equity impacts of large infrastructure. In preparation (working title).

Conference proceedings and abstracts

- **Onabola, C.O., & Parkes, M.W.** (2023). A situational analysis of a hydroelectric dam's impacts on health equity and mental health through the lens of the Sustainable Development Goals [Abstract]. *Northern British Columbia Research and Quality Conference, Northern Health, Prince George, November 2023.*
- **Onabola, C.O., & Parkes, M.W.** (2020). Contextualizing health promotion within watersheds to advance the Sustainable Development Goals. In S.L. Prescott et al. (Eds.), *Proceedings of the 8th Annual Conference of inVIVO Planetary Health: From Challenges to Opportunities.*

Reports, policy outputs and knowledge mobilization

- Rishworth, A., Elamoshy, R., Novoa, F., Oko-Obob, E., Kennedy, A., **Onabola, C.O.**, Shaikh, M., & Salinas, N.A. (2024). Temporary migrant agricultural workers' right to permanent residency: A knowledge-to-equity action case study. *Radical Action with Migrants in Agriculture*, University of British Columbia.
- Skrlac, M.M., Bates, M., Kennedy, A., Thorne, S., **Onabola, C.O.**, Doyon, J., McKinnon, T., Cranmer, J., & Parkes, M.W. (2022). *ECHO Network Pulse Report 2021: Honouring complexity, making space to address cumulative impacts, climate change and co-benefits.* Environment, Community, Health Observatory Network, University of Northern British Columbia.
- Eaton, W., Robertson, T., Arbuckle, J., ... **Onabola, C.O.**, ... & Worosz, M. (2022). *Advancing scholarship and practice of stakeholder engagement in working landscapes: 34 co-produced research opportunities* [Technical report].
- **Onabola, C.O.**, Celi, S., Lama, S., & Dulku, T. (2022). A fireside chat: Reflecting on our learnings at Trampoline 2022. *RADIUS Refugee Livelihood Lab*, Simon Fraser University.
- Pourmalek, P., & **Onabola, C.O.** (2021). International students: Navigating barriers and seeking opportunities. In *Leaving No One Behind e-zine* (pp. 53 to 58). British Columbia Council for International Cooperation.
- **Onabola, C.O.** (2021). Addressing racial inequality through the lens of "Leaving No One Behind." In Z. de Sas Kropiwnicki-Gruber (Ed.), *Leaving No One Behind: Voices of changemakers and unsung heroes* (pp. 28 to 29). British Columbia Council for International Cooperation.
- **Onabola, C.O.** (2021). Young feminist advocates for social inclusion at CSW65. In P. Pourmalek & Z. de Sas Kropiwnicki-Gruber (Eds.), *CSW65: Towards intersectional and intergenerational gender advocacy* (pp. 35 to 37). British Columbia Council for International Cooperation. Related delegate reflections on the 65th session of the United Nations Commission on the Status of Women were published by the Canadian Bureau for International Education (2021) and in the same volume (p. 81).
- **Onabola, C.O.** (2014). *Community health promotion manual and job aids* (150 pages). Partnership for Transforming Health Systems II, Abt Associates, Nigeria.

Teaching materials

- **Onabola, C.O.** (2026). *Laboratory syllabi and instructional materials for Biology 103, 104 and 120 (Biology for Humanities and Social Sciences I and II; Genetics, Evolution and Ecology)*. College of New Caledonia.
- **Onabola, C.O.** (2023 to 2024). *Statistics 240 laboratory exercises and assignment guides*. University of Northern British Columbia.
- **Onabola, C.O.** (2022). *Health Sciences 445, Human Health and Development: course syllabus, assignments and assessment rubrics*. University of Northern British Columbia.

DIGITAL HEALTH AND RESEARCH SOFTWARE

- **MedEquity** (2025 to present). Patient-centred digital health platform that enables patients and care partners to document inequitable health care experiences, navigate support resources and support consent-based organizational learning. Role: Lead. Status: in development. Support: Labs4 Technology Readiness Level Upgrade program and an approved Mitacs Business Strategy Internship (September to December 2026); incubator space at Edmonton Unlimited.
- **Evidence Sufficiency Platform** (2025 to present). Domain-independent decision-support approach that structures evidence requirements, identifies evidence gaps, assumptions and uncertainty, and supports traceable decisions about whether available evidence is sufficient for a defined consequential commitment. Role: Lead developer, Evidence Adoption Institute. Status: early prototype; validation not yet started.
- Akaogor, E., **Onabola, C.O.**, et al. (2026). *simulated_subjecthood: Analysis pipeline for the Simulated Subjecthood Risk Framework* [Computer software]. GitHub. github.com/AkaogorEmmanuelUkamaka/simulated_subjecthood Open-source research code that examines subgroup performance of clinical artificial intelligence models.

RESEARCH FUNDING

Amounts in Canadian dollars unless noted.

Awarded

2023 to 2024	Co-investigator. Analyses of time trends and spatial patterns of inequalities in area-level determinants of mental health in the Nechako watershed (Contract #10565). <i>Canadian Research Data Centre Network and Statistics Canada</i>	\$5,000
2026	Lead. Evidence Adoption Institute stakeholder discovery and feasibility assessment. <i>Labs4 Market to Lab program</i>	\$4,000
2026	Lead. MedEquity: consent-based digital health platform for documenting inequitable care. <i>Labs4 Technology Readiness Level Upgrade program; approved Mitacs Business Strategy Internship (September to December 2026)</i>	In kind and trainee support

Doctoral research funding through the Vanier Canada Graduate Scholarship is listed under Honours and Awards.

Under review

2026	Canadian Researcher co-Principal Applicant. Transforming Sexual and Reproductive Health and Rights Systems for Underserved Adolescents in Nigeria. <i>International Development Research Centre, Addressing Neglected Areas of Sexual and Reproductive Health and Rights in Sub-Saharan Africa (ANeSA) Cohort 2, with the Policy Innovation Centre, Nigeria</i>	Under review
2026	Applicant (Threshfield). Artificial intelligence-assisted clinical governance evaluation, translating the Simulated Subjecthood Risk Framework. <i>Alberta Machine Intelligence Institute (Amii) Health Innovation Lab Discovery Sprint</i>	\$50,000 requested

Submitted, not funded

2024	Canadian Co-applicant. Addressing Neglected Areas of Sexual and Reproductive Health and Rights in Sub-Saharan Africa, with the Policy Innovation Centre, Nigeria. <i>International Development Research Centre</i>	\$50,000
2023	Collaborator. Culturally inclusive programming for racialized women needing perinatal mental health and postpartum care. <i>Canadian Institutes of Health Research, National Women's Health Research Initiative Innovation Fund</i>	\$600,000

HONOURS AND AWARDS

Amounts in Canadian dollars unless noted.

2026	Clinical Artificial Intelligence Governance Fellowship, inaugural cohort. <i>TechForward Impact</i>	Competitive
2026	Upper Bound Artificial Intelligence Pathways Bursary. <i>Alberta Machine Intelligence Institute</i>	Competitive
2025	Selected participant, Summer Institute on intervention research and the structural determinants of health. <i>Canadian Institutes of Health Research Institute of Population and Public Health and Centre de recherche en santé publique</i>	Competitive
2022	Trainee Knowledge Translation Summer Institute Award. <i>Michael Smith Foundation for Health Research</i>	\$3,000
2020 to 2023	Vanier Canada Graduate Scholarship (doctoral research funding). <i>Canadian Institutes of Health Research</i>	\$150,000
2019 to 2020	Philanthropic Educational Organization (P.E.O.) International Peace Scholarship. <i>P.E.O. Sisterhood</i>	\$12,500
2019	Green Grant Project Award. <i>University of Northern British Columbia</i>	\$5,000
2019	Graduate Travel Award (inVIVO Planetary Health Conference). <i>University of Northern British Columbia.</i>	\$1,500

2018 to 2020	Environment, Community, Health Observatory Network Graduate Scholarship (funded by the Canadian Institutes of Health Research). <i>University of Northern British Columbia</i>	\$40,000
2018	Outstanding Sustainability Intern, cited in the Environmental Performance Accountability Report. <i>Fraser Health Authority</i>	Citation
2017 to 2018	Sustainability Scholar Award. <i>University of British Columbia</i>	\$10,000
2017 to 2018	Travel Award, Student Simulation Competition. <i>Network of Schools of Public Policy, Affairs, and Administration (NASPAA)</i>	\$3,000
2016 to 2018	African Leaders of Tomorrow Scholarship (master's). <i>Global Affairs Canada and the Canadian Bureau for International Education</i>	\$120,000
2002 to 2004	Federal Government Undergraduate Scholarship. <i>Federal Scholarship Board, Nigeria</i>	150,000 Nigerian naira
2000 to 2004	National Merit Undergraduate Scholarship. <i>Shell Petroleum Development Company of Nigeria</i>	3,000,000 Nigerian naira

PRESENTATIONS

Invited talks, lectures and panels

1. **Onabola, C.O.** (2025). Advancing health equity in the Nechako watershed: Uncovering structural inequities and localizing global goals [Invited oral presentation]. Canadian Institutes of Health Research Institute of Population and Public Health and Centre de recherche en santé publique Summer Institute, *Conducting intervention research with communities to address the structural determinants of health*, Montreal.
2. **Onabola, C.O.** (2024). Utilizing the Sustainable Development Goals as an equity framework to examine health equity implications of a hydroelectric dam in the Nechako watershed [Invited panel]. POLIS Water Sustainability Project, Fifth Annual Water Research Roundup, University of Victoria (online).
3. **Onabola, C.O.** (2024). Union rights and benefits for teaching assistants [Invited workshop]. Canadian Union of Public Employees Local 2278, University of Northern British Columbia, Prince George.
4. **Onabola, C.O.** (2022). Health in watersheds: Exploring connections and data complexities [Invited oral presentation]. Environment, Community, Health Observatory Network Pulse Forum, Prince George.
5. **Onabola, C.O.** (2022). Working together for a healthy, just and sustainable planet: Integrating health equity into the land-water-energy nexus at a watershed scale [Invited presentation]. Ecohealth 2022 International Conference, Vancouver.
6. **Onabola, C.O.** (2021). Engaging men and boys in the advancement of gender equality [Invited guest lecture]. Open Class on Masculinity, Gender and Development, University of the Fraser Valley.
7. **Onabola, C.O.** (2021). Design thinking as an enabler of change and innovation in public service [Invited panel]. African Association for Public Administration and Management, Institute of Public Administration of Canada and African Leaders of Tomorrow Scholars webinar (online).

Contributed presentations

8. **Onabola, C.O.**, & Parkes, M.W. (2023). A situational analysis of a hydroelectric dam's impacts on health equity and mental health through the lens of the Sustainable Development Goals. Northern British Columbia Research and Quality Conference, Northern Health, Prince George, November 2023.
9. **Onabola, C.O.** (2023). Engaging men and boys in the advancement of gender equality: Findings for stakeholders [Knowledge translation presentation]. British Columbia Council for International Cooperation, Vancouver.
10. Thakkar, V., **Onabola, C.O.**, To-Miles, F., & Aboujaoudé, A. (2022). Supporting a policy to support safe injection sites in large urban centres [Poster]. Knowledge Translation Summer Institute, Michael Smith Foundation for Health Research (online).
11. **Onabola, C.O.** (2019). Contextualizing health promotion within watersheds for advancing specific Sustainable Development Goals. 8th Annual inVIVO Planetary Health Conference.

TEACHING AND MENTORING

Instructor of record

2026	Biology 103, Biology for Humanities and Social Sciences I, laboratory (two sections, Summer Intersession). <i>College of New Caledonia</i>	37 students
2026	Biology 104, Biology for Humanities and Social Sciences II, and Biology 120, Genetics, Evolution and Ecology, laboratories (Winter; Prince George and Quesnel campuses). <i>College of New Caledonia</i>	40 students
2022	Health Sciences 445, Human Health and Development (upper-level undergraduate). <i>University of Northern British Columbia</i>	55 students
● College of New Caledonia: developed the syllabi and instructional materials for all three courses; teaches laboratory methods, scientific observation, data interpretation and scientific communication in a fully online format, with individualized feedback; manages assessment, grading and academic integrity processes across sections ● University of Northern British Columbia: designed and delivered the full course, including syllabus, assignments and assessments; built weekly readings with critical thinking questions, an online discussion forum, reading jigsaws and interactive case studies; assessed quizzes, group presentations and examinations with clear rubrics; supervised term projects; delivered across in-person and online formats during COVID-19		

Teaching assistant and tutor

2023 to 2024	Statistics 240, Basic Statistics (laboratory): led laboratory sessions on applied statistical methods and authored exercises and assignment guides. <i>University of Northern British Columbia</i>	65 students
2023	Health Sciences 305, Human Physiology I: supported laboratory sessions on physiological assessment. <i>University of Northern British Columbia</i> .	

2023 Statistics Tutor, Mathematical Academic Centre for Excellence.
University of Northern British Columbia

2018 Introduction to the Principles of Epidemiology: developed teaching materials on core epidemiological methods and mentored students in study design and critical appraisal.
University of Northern British Columbia

Mentoring

2026 Peer Mentor, Knowledge-to-Equity Action course (action learning with community partners), Equity Science Lab, University of British Columbia

2025 to present Partner lead for a Mitacs-funded student research position, MedEquity project

2023 to 2024 Peer Mentor and Advisor, Canadian Union of Public Employees Local 2278 (teaching assistants' union), University of Northern British Columbia; supported 12 graduate teaching assistants

2017 to 2018 Mentor, Research Experience Program, University of British Columbia; guided four undergraduate researchers in research design, data analysis and academic writing

Professional education

2011 to 2016 Training of trainers for health workers and state health teams across five Nigerian states, Abt Associates

2006 to 2013 Continuing medical education and grand rounds for physicians and hospital leaders, GlaxoSmithKline

2004 to 2005 Peer Educators' Trainer, United Nations Children's Fund (UNICEF) Adolescent Sexual and Reproductive Health Project, Nigeria

Teaching interests

Health policy analysis; programme and policy evaluation; implementation science; health equity and the structural determinants of health; governance of artificial intelligence and digital health; epidemiology for policy; qualitative and mixed methods for health policy research; global health systems.

HEALTH SYSTEMS AND POLICY PRACTICE

Research and Data Analyst Intern, Population and Preventive Public Health 2019

Northern Health, British Columbia

- Designed a replicable media and environmental scan on food security across more than 40 sources and produced a briefing note for regional decision-makers

Quality and Safety Improvement Analyst (University of British Columbia Sustainability Scholar) 2018

British Columbia Hydro and Power Authority (BC Hydro)

- Assessed health and safety risks of residential demand response programs; recommendations implemented by BC Hydro.

Quality and Process Improvement Analyst (University of British Columbia Sustainability Scholar)

2017

Fraser Health Authority, British Columbia

- Led a Lean Six Sigma (Define, Measure, Analyze, Improve, Control) improvement and evaluation initiative across 10 acute and community health facilities; presented recommendations to clinical and administrative leaders.

Program Specialist, Food Skills for Families

2016 to 2017

Diabetes Canada, Vancouver

- Designed outcome and participant feedback measures and evaluated a chronic disease prevention program for low-income and culturally diverse families.

Monitoring and Evaluation and Health Management Information Systems Technical Specialist

2014 to 2016

Abt Associates, Partnership for Transforming Health Systems II (PATHS II), funded by the United Kingdom Department for International Development, Nigeria

- Designed monitoring and evaluation frameworks and performance indicators for health systems strengthening with five state governments
- Managed health management information systems, data quality assessment and dashboards for government and donor partners; trained state health teams to use data in routine decisions
- Led baseline surveys and mixed-methods evaluations of health system interventions

Public Health Communications Consultant; Behaviour Change Communication Resident Technical Lead

2011 to 2014

Abt Associates, Partnership for Transforming Health Systems II, Nigeria

- Led a community-based Emergency Obstetric Care referral programme that met all of its logframe indicators
- Applied behavioural insights to norm change interventions for maternal and child health; led training of trainers and authored a 150-page community health promotion manual

Medical Science Liaison and Senior Medical Representative

2006 to 2013

GlaxoSmithKline Pharmaceuticals, Nigeria

- Translated clinical trial evidence for physicians and hospital leaders across respiratory, oncology and cardiovascular therapeutic areas; delivered continuing medical education and grand rounds

Supervisor, Community Polio Immunization

2004 to 2006

Rivers State Ministry of Health, Nigeria

SERVICE AND LEADERSHIP

Professional and academic service

2025	Contributor, Canadian Institutes of Health Research Institute of Population and Public Health and National Collaborating Centre for Determinants of Health consultation on a Canadian framework for the structural determinants of health
2023 to present	Regional Coordinator, Northern British Columbia, Canadian Evaluation Society, British Columbia Chapter (executive member); convenes evaluators, community organizations and researchers.

2023 to present	Member, Public Health Working Group, Global Consortium on Climate and Health Education, Columbia University Mailman School of Public Health.
2021 to present	Member, Partnerships and Outreach Working Group, Data Science for Health Discovery and Innovation in Africa (DS-I Africa, National Institutes of Health Common Fund); strategies for engaging policymakers in health research.
2024	Knowledge mobilization campaign with Radical Action with Migrants in Agriculture, Knowledge-to-Equity Action consulting team.
2021 to 2022	Webinar Coordinator and Newsletter Editor, Nigeria Working Group, Nigeria-Canada Research Partnership, Canadian Association for Global Health; coordinated a quarterly Nigerian climate and health impact webinar series.
2021	Delegate, Generation Equality Forum (Paris) and 65th session of the United Nations Commission on the Status of Women (selected by the British Columbia Council for International Cooperation).
2019	Organizer, first United Nations Sustainable Development Goals youth training conference in Northern British Columbia, Foundation for Environmental Stewardship.

University service

2024 to 2025	Graduate Student Community Liaison, Ignite and Inspire Project, University of Northern British Columbia; coordinated research training and community engagement
2023 to 2024	Communications Lead, Canadian Union of Public Employees Local 2278 (teaching assistants' union), University of Northern British Columbia
2020 to 2021	Student Senator, Senate, University of Northern British Columbia

Governance and community leadership

2024 to present	Founder and Board Director, Evidence Adoption Institute
2024 to 2025	Board Chair, Centre for Family Equity, Vancouver (provincial non-profit advancing equity for low-income families)
2022 to 2025	International Peace Scholarship Committee Chair, P.E.O. Chapter AV, Prince George
2020 to present	Member, Nechako Watershed Roundtable (multi-stakeholder watershed governance).

PROFESSIONAL MEMBERSHIPS

Society for Epidemiologic Research; Canadian Public Health Association; Canadian Society for Epidemiology and Biostatistics; Canadian Evaluation Society; Mixed Methods International Research Association; Knowledge Translation Canada; Women's Health Research Institute, BC Women's Hospital and Health Centre (trainee member); Planetary Health Alliance; Canadian Association for Global Health.

METHODS, TRAINING AND SKILLS

Quantitative and epidemiologic	Epidemiologic study design; analysis of administrative, survey and cohort data (Statistics Canada Research Data Centre, FAIRSTART); effect modification; time trend and spatial analysis; survey design; subgroup performance evaluation of predictive models
Policy and health systems	Policy and governance analysis; health systems performance measurement; monitoring and evaluation frameworks; health management information systems and data quality assessment; quality improvement (Lean Six Sigma, Model for Improvement).
Qualitative and mixed methods	Sequential exploratory mixed methods; Situational Analysis and grounded theory; document and archival analysis; interviews and focus groups; Delphi and consensus methods; participatory and community-engaged research.
Equity methods	Sex and Gender-Based Analysis Plus in primary data collection (Canadian Institutes of Health Research, 2025); Integrating Sex and Gender in Health Research (Canadian Institutes of Health Research, 2024); Gender-Based Analysis Plus (Women and Gender Equality Canada, 2022); intersectional analysis.
Implementation and knowledge translation	Summer Institute on intervention research with communities, Institute of Population and Public Health and Centre de recherche en santé publique (2025); Knowledge-to-Equity Action Certificate, University of British Columbia (2024); Knowledge Translation Summer Institute, Li Ka Shing Knowledge Institute (2022).
Epidemiology and spatial methods	Certificate in R for Epidemiologists and Certificate in Analysis of Categorical Data using SAS, Stata and R, Columbia University Mailman School of Public Health (2023); Professional Specialization Certificate in Population Health and Geographic Information Systems, University of Victoria (2024).
Research ethics	Tri-Council Policy Statement 2: Course on Research Ethics (2022); Good Clinical Practice, Collaborative Institutional Training Initiative (2023).
Teaching	Higher Education Teaching Certificate (Curriculum Design), Derek Bok Center for Teaching and Learning, Harvard University (2022).
Leadership and design	Human-Centered Design for Social Innovation; Adaptive Leadership, Acumen Academy (2014).
Software	R, SAS, Stata, SPSS Statistics, NVivo, REDCap (Research Electronic Data Capture), Qualtrics, KoboToolbox, ArcGIS, Excel.
Languages	English (fluent); Yoruba (native); French (basic).