

Agamani (Mani) Chakrabarty

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EDUCATION

2021-2022 **MSc Comparative Politics, London School of Economics and Political Science**

Colonization, Public Policy, International Development, First Nations, Political Economy

2019-2020 **Ph.D. Economics, McGill University**

Microeconomics, Macroeconomics, Development Economics, Statistics

2016-2018 **MA Economics and Finance, University of Alberta**

Development Economics, Urban Economics, Econometrics

2010-2015 **B.Comm (Co-op), Alberta School of Business, University of Alberta**

Finance, Derivatives, Risk Management, Corporate Finance, Macroeconomics

WORK EXPERIENCE

August 2022 - **Deloitte – Economics and Policy Advisory**

February 2023 **Senior Consultant**

- Developed labour market research for various levels of government to provide policy advice for addressing labour shortages (Transport Canada, Workers Compensation Board of Ontario, and Employment and Social Development Canada).
- Conducted a detailed program review of five innovation programs from Alberta Health, to understand where Alberta Health as a health authority could increase innovation related services in order to improve patient outcomes and capacity across Alberta.
- Helped develop a proposal for conducting Climate Change literature review for Canada Mortgage and Housing Corporation on their multi-unit rental portfolio to understand how climate change would affect current regulation and insurance policies around housing. Furthermore, the research was aimed at the renters portfolio to understand how such policies would disproportionately affect renters.
- Helped develop a proposal for Nunatsiavut government for understanding the economic impact of Nunatsiavut owned companies, and the economic consequences of fly in and fly out workers.
- Conducted economic impact study for the Dalhousie University.
- Conducted economic research, proposals and engagement letters for various private and public clients.

May

2020-
2022

Innovative Business Solutions, Yellowknife, NWT

(Northern management consultancy for First Nations and small communities)

Senior Economist

- Provided analytical rigor into developing economic development plans for small communities facing remote location constraints in Northern Canada.
- Collaborated with the Department of Education Culture and Employment (ECE), NWT Chamber of Commerce to develop a proposal to establish the first private college in NWT.
- Assisted Nahani Bute First Nations, Dene First Nations and worked with Chiefs to develop community economic development and tourism development plans.
- Developed economic development plan for small northern communities facing employment and population retention issues upon shrinking of the natural resource sectors.
- Collaborated with Parks Canada to bring sustainable tourism to small northern communities.
- Collected key socioeconomic statistics on Northern First Nations and small communities for the development of critical reports.
- Engaged in interviews and case studies with First Nations and small communities to understand governance and management constraints for self-governance.
- Frequently engaged and networked with current and future clients to create long-term business partnerships.

2017-2019. **Canada Mortgage and Housing Corporation, Ottawa, Canada**

Economic Analyst, Affordable Housing

- Conducted research for organizational publications on Canadian household debt and credit patterns among Canadian households.
- Conducted research and socio-economic data collections for evaluating affordability metrics in national housing.
- Assisted in developing economic forecasting models for estimating economic capital and stress testing losses on mortgage insurances for CMHC insured homeowners and large-scale borrowers.
- Worked with Statistics Canada to collect mortgage-related data both in Statistics Canada Office in Ottawa, as-well-as inhouse Statistics Canada data center in CMHC head office.
- Conduct research for the policy team to engage with the Bank of Canada in influencing housing policy.
- Developed annual and monthly reports for publication containing housing indicators and trends for major metropolitan centers.

2014-2017 **Canada Mortgage and Housing Corporation, Edmonton, Canada** ***Student Business Administrator***

- Create and maintain meaningful client relationships to help First Nations meet their target deadline.
- Build a relationship with contractors and builders to ensure efficient and timely delivery of projects.
- Successfully delivered targeted funding to First Nation clients under very tight deadlines.
- Develop and maintain templates to track data for First Nation Housing projects
- Effectively communicated program requirements and processes to clients verbally and in writing.
- Recommend project amendments or cancellations where deadlines were not met.
- Complete a particular project to improve financial reporting to First Nation clients with more visually appealing, image-based reports.
- Worked with First Nation's communities in Alberta to develop close relationships to understand housing constraints such as overcrowding, lack of personal property constraints on housing demand, and other critical socioeconomic characteristics in assessing housing demand within First Nations reserves.

Summer 2013 **Edmonton Economic Development Corporation (Co-op), Edmonton, Canada** ***Student Economic Analyst***

- Conducted primary research on Alberta's and Edmonton's Economic indicators published every quarter.
- Helped research to bring large-scale businesses in Edmonton to create Edmonton as a central northern economic hub.

RESEARCH AND TEACHING EXPERIENCE

2016-2017 **Research Assistant, Department of Economics, University of Alberta**

- Conduct Preliminary Research regarding green technologies and climate change under Dr. Corrine Lagninier.
- Successfully summarizing academic articles and governmental reports relevant for supporting research hypotheses.
- Providing statistical analysis on data needed to fit the microeconomic model.
- Programming codes to build statistical models.

Summer 2018 **Research Assistant, Department of Resource Economics & Environmental Sociology** *University of Alberta, 2018*

- Conducted theoretical research in the area of Implicit Contracts and Growers Cooperatives in Developing countries under the supervision of Dr. Philippe Marcoul
- Assessed cooperative strategies using game theory framework to assess the probability of cooperation for farmers and exporters under cooperatives in developing countries

2016-2018 **Teaching Assistant, Department of Economics, University of Alberta**

- ECON 299 Quantitative Methods in Economics
- ECON 399 Introductory Econometrics
- ECON 387 Applications of Mathematics to Economics II
- ECON 442 The Economics of Financial Markets

2019-2020 **Teaching Assistant, McGill University**

- ECON 334 History of Economic Thought, McGill University
- INTD 356 Quantitative Methods for Impact Evaluation, McGill University
- ECON 331 Introduction to Development Economics, McGill University

PUBLICATION RECOGNITIONS

- *"Rural Producers' Organization, Production Finance, and Inclusiveness,"* Philippe Marcoul (working paper), October 2017.
- Langinier, Corinne, and Amrita Ray Chaudhuri. *"Green technology and patents in the presence of green consumers."* *Journal of the Association of Environmental and Resource Economists* 7.1 (2020): 73-101

VOLUNTEER EXPERIENCE

- 2014 **Rotary E-Club One Canada (Ongoing)**
- Promoted events through member portal
 - Volunteering and engaging in international projects designed to provide housing in developing countries.
- 2012 **Events Director: Business Finance Association (2012)**
- Sought career opportunities in the finance industries and relayed them to students
 - Promoted BFA through organizing off and on-campus activities
 - Organize and manage all events put on by BFA

Scholarships

- NWT Chamber of Commerce Scholarship for NWT Indigenous Topic (\$1,500), 2021
- Max Stern Fellowship (\$29,500) – Department of Economics, McGill, 2019, 2020, 2021
- Queen Elizabeth II Scholarship (\$8000) – Department of Economics, 2017
- Teaching Assistant Scholarship (\$20,000) – Department of Economics, 2017, 2018
- De Beers (Yellowknife) Academic Scholarship (\$1,500), 2013
- Diavik Diamond Mines Business Scholarship (\$1,000), 2013
- Business Scholarship (\$1,500) – Yellowknife Chamber of Commerce, 2015

INTERESTS AND OTHER ACTIVITIES

- **Language Studies:** Private tutoring for learning Italian and Spanish for the last two years.
- **Travel:** Travelled to 34 countries and lived in three countries.

LANGUAGES AND IT SKILLS

- **Languages:** English (Native), Italian (Intermediate), Spanish (Beginner); Bengali (Native)
- **IT:** Office Package (Word, Excel, PowerPoint, Access), Stata, R
- **Typesetting:** Latex

CITIZENSHIP

Canadian and Indian

LIST OF PROJECTS

- 1. Canada Mortgage and Housing Corporation – Senior Enterprise Risk Analyst; 8 Months,** Analysis of Enterprise and Mortgage Risk for CMHC Housing portfolio.
Role: Understood the different risk models with CMHC that provide mortgage insurance—developed an understanding of the inherent economic conditions that affect mortgage risk both in residential and commercial housing markets across Canada.
- 2. Canada Mortgage and Housing Corporation – Senior Policy Analyst; 6 Months,** Affordable Housing Policy
Role: Led enterprise risk models to understand the consequences of indebtedness in Canadian Housing Markets. Helped develop first-time home buyer policies for introducing more equity in housing markets across Canada. Led the development of a full market analysis of Canadian Housing markets and built-in sensitivity analysis function.
- 3. Canada Mortgage and Housing Corporation– Business Analyst; 3 years,** First Nation's Housing
Role: Led delivery of targeted funding to First Nation clients under very tight deadlines. Developed meaningful relationships with First Nation communities in Alberta to develop close relationships to understand housing constraints such as overcrowding, lack of personal property constraints on housing demand, and other critical socioeconomic characteristics in assessing housing demand within First Nations reserves. Understanding the labor demand issues of the construction industry in delivering affordable housing in FN reserves.
- 4. IBS Consulting – Consultant; 3 Months,** Development of First Private College in NWT
Role: Collaborated with Department of Education and Culture and Employment (ECE) and Industry Development and Infrastructure to develop a proposal to establish the first private college in NWT. Led development of training program for two certificate programs: Sustainable Tourism and Natural Resource Development in Northern Canada.
- 5. IBS Consulting – Consultant; 3 Months,** Tourism Development Strategy for Nahanni Bute Dene Band
Role: Collaborated with Parks Canada to attract tourism development and investment in Nahanni Bute Dene Band. Led review of key tourism related infrastructure to develop building plan for additional infrastructure based on forecasted demand. Assisted Parks Canada in advising an economic development plan for Nahanni Bute based on tourism.
- 6. IBS Consulting – Consultant; 3 Months,** Economic Development Plan for Town of Norman Wells, NWT
Role: Engaged with Economic Development team for Town of Norman Wells to develop a comprehensive economic development strategy in the face of declining oil and gas industry presence. Worked with the Mayor's office to develop key relationships with industry partners to engage in stakeholder discussions to implement recommended economic development strategy.
- 7. Ministry of Health, Alberta – Consultant; 3 Months,** Review of Albert Health's Innovative Programs
Role: Responsible for reviewing three innovation programs designed to improve the delivery of health care services to Albertans through providing better quality of health outcomes and increasing the access to such services by targeting rural areas and minority groups. Developed a qualitative ROI framework to assess each initiative of the three programs. Helped review look for gaps in current programs and develop an evaluation criterion for future programs. programs to look for gaps in the current programs and helped design a framework for evaluating future programs.

8. Workers Safety and Insurance Board– Consultant; 2 Weeks, Industry Forecast for WSIB

Role: Undertook an analysis of thirteen key industries identified by WSIB to understand the future output growth, employment and wage growth in each industry. Helped to communicate economic advisory's forecast for future employment and GDP growth to wide range of stakeholders that are impacted by the changing of local economic and demographic factors.

9. Town of Wellington– Consultant; 6 Months, Economic Impact Analysis for Town of Wellington Tourism Strategy

Role: Helped develop a economic impact analysis for attracting tourism investment for the Town of Wellington in Ontario. Looked at City of Guelph as an example to benchmark tourism investment in Wellington.

10. Edmonton Economic Development Corporation – Business Analyst; 8 Months, Industry Development for Edmonton

Role: Worked with business development team to understand which sectors are important for Edmonton's economic development. Built key industry relationships with research institutes and industry leaders to promote the economic and social well being of Edmontonian.

11. Transport Canada (TC) – Senior Consultant; 1 Months, Labour Shortage Analysis for TC

Role: Worked with Transport Canada to evaluate the shortages of workers that would be coming up in the next two years in top ten transportation industries. Tried to understand through economic analysis how immigration could potentially fill that gap. Analysis was used by Transport Canada as a basis of discussion with Immigration, Refugees and Citizenship Canada (IRCC), where immigration policies could be re-evaluated to meet upcoming labour shortages within Canada.

12. Dalhousie Economic Impact – Senior Consultant; 2 Months, Economic Impact Analysis for Dalhousie University

Role: Worked with Dalhousie University to understand the economic impact that the University contributed to regionally, as well as understand the unique contributions Dalhousie made to the province of Nova Scotia (NS). Engaged in discussions with Dalhousie leadership to understand the upcoming labour shortages and needs to keep NS's economy afloat. Furthermore, tried to understand Dalhousie's potential impact on rural communities outside of the Halifax area to bring about economic impacts in rural areas.