

CONTACT
INFORMATION

Bank of Canada
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FIELDS OF
RESEARCH

- **Behavioral macroeconomics:** expectation formation, risk perceptions
- **Heterogeneous-agent macro:** household choice and aggregate dynamics
- **Computational economics**
- **Micro data for macro questions**

EDUCATION

Johns Hopkins University, Baltimore, MD 2017– 2023

- M.A. and Ph.D. in Economics
- Thesis: *Household Expectations and Macroeconomic Dynamics*
- Principal Advisor: Prof. Christopher Carroll

Cornell University, Ithaca, NY 2013–2015

- M.P.A. in Cornell Institute for Public Affairs

Renmin University of China, Beijing, China 2009–2013

- B.A. in Economics

WORKING
PAPERS

1. “*Perceived versus Calibrated Income Risks in Heterogeneous-Agent Consumption Models*”(Job Market Paper), [working paper](#), 2022.
2. “*Epidemiological Expectations*”, [working paper](#), in *Handbook of Economic Expectations*, with Christopher Carroll, 2022, Elsevier.
3. “*How Do Agents Form Inflation Expectations? Evidence from Cross-moment Estimation and the Uncertainty*”, [working paper](#), 2021.
4. “*Learning from Friends in a Pandemic: Social Networks and the Macroeconomic Response of Consumption*”, [working paper](#), with Christos Makridis, submitted.
5. “*Uncovering Subjective Models from Survey Expectations*”, [working paper](#), with Sev (Chenyu) Hou, 2024.
6. “*Perceived Unemployment Risks Over Business Cycles*”, work in progress, with Adrian Monninger, William Du and Xincheng Qiu, 2024.

CONFERENCE

- Yale SOM, NBER Behavioral Macro Research Bootcamp, 2022 ASSA (session chair), Behavioral Macroeconomics Workshop, University of Copenhagen, European ESA Meeting in Bologna, Midwest Macro, IAAE (2023), Econometric Society Asian Meeting (2023), EEA-ES Meeting (2023); SNDE(2023), ASSA (2024), T2M (2024), Boulder Summer Conference on Household Finance (2024), SED (2024), CEA (2024).

AWARDS	<ul style="list-style-type: none"> • Joel Dean Undergraduate Teaching Award, 2019-2020, 2020-2021, 2021-2022, Johns Hopkins University • Sylvia and Wilifried Prewo Fellowship, 2020-2021, Johns Hopkins University
RESEARCH ASSISTANT EXPERIENCE	<ul style="list-style-type: none"> • Macroeconomic belief formation and machine learning 2021-present NSF project headed by Prof. Francesco Bianchi and Prof. Sydney C. Ludvigson <ul style="list-style-type: none"> ◦ Implemented natural language processing models such as LDA ◦ Built machine learning models of macroeconomic forecasting • Heterogeneous-agent macroeconomic modeling 2019-present Econ-ARK Project headed by Prof. Christopher Carroll <ul style="list-style-type: none"> ◦ Developed Python solution methods of dynamic choice problems ◦ Authored the tutorial on dimension-reduction techniques ◦ Replicated Krusell-Smith (1998) algorithm in HARK toolkit • Quantitative economic modeling 2017 Quantitative Economics, Prof. Thomas Sargent (New York University) • Capital account liberalization and exchange rate dynamics 2015 Prof. Eswar Prasad (Cornell University)
EMPLOYMENT EXPERIENCES	<ul style="list-style-type: none"> • International Monetary Fund 2016-2017 Research Assistant in the Research Department • The Brookings Institution 2015-2016 Research Analyst in Global Economy and Development Program
SKILLS	<ul style="list-style-type: none"> • <i>Programming Languages</i>: Python, Matlab, Stata, HTML • <i>Languages</i>: Chinese Mandarin (native), English (fluent), Spanish (conversational)
POLICY PUBLICATION	<ol style="list-style-type: none"> 1. A Sy and T Wang . “<i>De-risking, Renminbi Internationalization and Regional Integration: Evidence from Payment Flows of Sub-Saharan Africa</i>”. Brookings Working Paper, 2016.
REFERENCES	<ul style="list-style-type: none"> • Prof. Christopher Carroll (JHU), ccarroll@jhu.edu • Prof. Jonathan Wright (JHU), wrightj@jhu.edu • Prof. Francesco Bianchi (JHU), francesco.bianchi@jhu.edu