

CONTACT
INFORMATION

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FIELDS OF
RESEARCH

- **Behavioral macroeconomics:** expectation/belief formation, risk perceptions
- **Heterogeneous-agent macroeconomics:** household behaviors and macroeconomic dynamics
- **Open-source computational economics**
- **Micro data for macro questions**

EDUCATION

Johns Hopkins University, Baltimore, MD 2017– 2023 (expected)

- M.A. and Ph.D. in Economics
- Thesis: *Household Expectations and Macroeconomic Dynamics*
- 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 draft, 2022.
2. “*How Do Agents Form Inflation Expectations? Evidence from Cross-moment Estimation and the Uncertainty*”, working paper, 2021.
3. “*Learning from Friends in a Pandemic: Social Networks and the Macroeconomic Response of Consumption*”, working paper, with Christos Makridis, 2020.
4. “*Epidemiological Expectations*”, working paper, in preparation for *Handbook of Economic Expectations*, with Christopher Carroll, 2021.
5. “*Perceived (Un)employment Risks Over Business Cycles*”, work in progress, with William Du and Xincheng Qiu, 2022.

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.

AWARDS

- 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
EXPERI-
ENCE

- **Macroeconomic belief formation and machine learning** 2021-present
NSF project headed by Prof. Francesco Bianchi and Prof. Sydney C. Ludvigson
 - 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
 - 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
EXPERI-
ENCES

- **International Monetary Fund** 2016-2017
Research Assistant in the Research Department
- **The Brookings Institution** 2015-2016
Research Analyst in Global Economy and Development Program

TECHNICAL
SKILLS

- *Programming Languages*: Python, Matlab, Stata, HTML
- *Languages*: Chinese Mandarin (native), English(proficient), Spanish(conversational)

POLICY
PUBLICA-
TION

1. **A Sy and T Wang** . “*De-risking, Renminbi Internationalization and Regional Integration: Evidence from Payment Flows of Sub-Saharan Africa*”. [Brookings Working Paper](#), 2016.

REFERENCES

- Prof. **Christopher Carroll** (JHU), ccarroll@jhu.edu
- Prof. **Jonathan Wright** (JHU), wrightj@jhu.edu
- Prof. **Francesco Bianchi** (JHU), francesco.bianchi@jhu.edu