

EDUCATION

| | |
|---|---------------|
| Ph.D. in Economics, The University of North Carolina at Chapel Hill, USA | 2021 Expected |
| M.A. in Economics, New Economic School, Moscow, Russia | 2015 |
| M.S. in Mathematics and Physics, Moscow Institute of Physics and Technology, Moscow, Russia | 2011 |
| B.S. in Mathematics and Physics, Moscow Institute of Physics and Technology, Moscow, Russia | 2009 |

RESEARCH FIELDS

| | |
|-----------|---|
| Primary | Industrial Organization, Empirical Microeconomics |
| Secondary | Microeconomic Theory, Information Economics |

WORKING PAPERS

- **The cost of privacy (Job Market Paper)**

Abstract. In many markets, consumers search costly among alternative options before making a purchase. The way that choices are presented to consumers impacts their search behavior and hence competition and market performance. The search intermediaries use consumers' personal preferences data to provide personalized advice to consumers on what products to explore first. The paper studies how the market outcomes change with the information the search intermediary has and whether the usage of such data should be restricted. I constructed the general equilibrium model of optimal consumer choice with the search frictions and optimal firms' pricing. To estimate the model I utilize a rich dataset provided by Expedia, which includes consumers searching and purchase data as well as information on the hotels which consumers observe after filling a search query. Using estimation results I run simulations to evaluate the change in market outcomes under different data usage allowance policies.

- **Markets with Search Frictions and Partially Informed Intermediary**

Abstract. The paper discusses markets with consumer's search frictions and partial information. The main finding is the better information the platform provides can decrease the average quality of the product consumers purchase and decline in the total economic welfare and consumer surplus. The mechanism is if the platform makes better advice to consumers in average what product to explore first, all consumers have lower expectations about the next products and explore them less often, which decreases the quality of purchased good for consumers who got the wrong recommendation and might lead to reduction of the average quality of purchased products. The effect appears in the case of low search cost, which makes it especially important in the analysis of online search platforms.

WORK IN PROGRESS

- **Firms entrance and market power. The case of ranking platforms with ordered consumer search**

Abstract. The paper shows that the entrance of new firms on ranking platforms with ordered consumer's search (e.g., Amazon and Google) can lead to an increase in the price charged by firms already presented on the market, despite increased market competition. The mechanism is as follows: an entrance of a new firm increases the chances of all other firms on the market to take low positions in the ranking, which, according to standard results of ordered search literature, leads to an increase in firms' prices.

PROGRAMMING SKILLS

Python, R, Wolfram Mathematica, Git, \LaTeX , Stata

RESEARCH EXPERIENCE

| | |
|------|--|
| 2018 | Research Assistant for Yunzhi Hu , Kenan-Flagler Business School |
| 2017 | Research Assistant for Jonathan W Williams , The University of North Carolina at Chapel Hill |
| 2014 | Research Assistant for Ruben Enikolopov , New Economic School |

TEACHING EXPERIENCE

| | |
|----------------|---|
| 2017 – Present | Instructor, The University of North Carolina at Chapel Hill, (10 semesters in total), Microeconomic Theory for nonmajors, 100 students. Latest evaluation Fall 2018,2019,2020, Spring 2019,2020,2021 Microeconomic Theory for majors, 30 students. Latest evaluation Summer 2017,2018,2019 Statistics and Econometrics for majors, 30 students. Latest evaluation Summer 2020 |
| 2016 – 2018 | Undegraduate Head Teaching Assistant, The University of North Carolina at Chapel Hill, Microeconomic Theory for majors, 500 students Fall 2016,2017, Spring 2017,2018 |
| 2014 – 2015 | Graduate Teaching Assistant, New Economic School, Game theory, Ph.D. level, 20 students Optimization Methods in Economics, Ph.D. level, 20 students |

WORKING EXPERIENCE

| | |
|-------------|---|
| 2012 – 2015 | Teacher: Math, Physics, Statistics, Economics, Computer Science |
| 2010 – 2012 | Air conditioners online store, CEO |
| 2009 – 2010 | Strategy Consulting, Analyst |
| 2008 | Microsoft, Marketing Department, Summer Intern |

PRESENTATIONS

| | |
|------|--|
| 2020 | SEA 90th Annual Meeting, New Orleans, US |
| 2020 | OLIGO Workshop, Maastricht, The Netherlands |
| 2019 | OLIGO Workshop, Nottingham, UK |
| 2017 | OLIGO Workshop, Moscow, Russia |
| 2015 | 35th NES Research Conference, Moscow, Russia |

AWARDS

| | |
|-------------|--|
| 2019 – 2021 | The Buono Family Grant for Excellence in Economics and Teaching |
| 2017, 2019 | The Graduate Student Transportation Grant, UNC |
| 2016 – 2017 | The Joseph M. Kampf and the Elizabeth and Harry Brainard families scholarship, UNC |
| 2015 – 2021 | UNC Graduate Fellowship |
| 2014 – 2015 | Vladimir Potanin Foundation Academic Excellence Fellowship |
| 2013 – 2015 | NES Academic Fellowship |
| 2007 – 2009 | Alexander Abramov Foundation Academic Excellence Fellowship |

LANGUAGES

English – fluent, Russian – native

REFERENCES

Brian McManus (co-primary)
Professor of Economics
University of North Carolina at Chapel Hill
+1 (919) 966-5392
mcmanusb@email.unc.edu

Fei Li (co-primary)
Associate Professor of Economics
University of North Carolina at Chapel Hill
+1 (919) 966-3710
lifei@email.unc.edu

Jonathan Williams
Associate Professor of Economics
University of North Carolina at Chapel Hill
+1 (919) 966-5375
jonwms@live.unc.edu

Gary Biglaiser
Professor of Economics
University of North Carolina at Chapel Hill
+1 (919) 966-4884
gbiglais@email.unc.edu

| | | | |
|------------------------|---------------------|--|-------------------|
| Placement Director | Jonathan Williams | jonwms@live.unc.edu | +1 (919) 966-5375 |
| Graduate Administrator | Shelbie Staley-Kang | shelbie@email.unc.edu | +1 (919) 962-2534 |