Queen Mary University of London,
School of Economics and Finance
Graduate Centre 4.25
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London E1 4NS
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January 25, 2024

NBER Innovation Research Boot Camp 2024

Dear Application Committee:

I am writing to express my keen interest in participating in the NBER Innovation Research Boot Camp. I am a second-year MRes/PhD student at Queen Mary University of London specializing in Labor, Inequality, Innovation, and Economic Growth. I am eager to deepen my understanding of the economics of innovation and its interplay with inequality and growth. This program represents an unparalleled opportunity to learn from the scholars in the field and to engage with the NBER community.

I believe that the insights and knowledge gained from the Boot Camp will be instrumental in shaping my research on the dynamic relationship between technological innovation and socio-economic disparities.

My letter writer is my academic advisor Tim Lee, Reader in Economics at Queen Mary University of London. Should you require any further information regarding my application, he can be reached at +44 20 7882 3997 or via email at tim.lee@qmul.ac.uk.

Thank you for considering my application. I am enthusiastic about the prospect of joining the NBER Innovation Research Boot Camp and learning the frontier models of innovation.

Sincerely,

Evgeniia Lambrinaki

EVGENIIA LAMBRINAKI

email: e.lambrinaki@hss22.qmul.ac.uk
phone: +44 73 7559 2970
School of Economics and Finance, GC 4.25
Mile End Road, London E1 4NS

EDUCATION

Queen Mary University of London, School of Economics and Finance — 2022–
Master of Research in Economics, Advisor Sang Yoon (Tim) Lee

New Economic School, Moscow, Russia — 2013–2015
Master of Arts in Economics

Moscow Institute of Physics and Technology, Moscow, Russia — 2009–2013
Bachelor of Science in Applied Mathematics and Physics

SHORT PROGRAMS

(scheduled) **Princeton University**, Bendheim Center for Finance — September 5–7, 2024
2024 Princeton Initiative: Macro, Money and Finance

University College London, Department of Economics — Fall 2023
Models with Heterogeneous Agents, Professor José-Víctor Ríos-Rull
Firm Dynamics, Professor Marta Morazzoni

Princeton University, Bendheim Center for Finance — June 27–July 12, 2023
Princeton Initiative: Macro, Money and Finance Summer School

University College London, Department of Economics — Spring 2023
Topics in Economic Theory, Professors Ran Spiegler and Duarte Gonçalves

Princeton University, Department of Religion — Fall 2021
The History of Christianity in Africa, Professors Jacob S. Dlamini and Jack B. Tannous

Princeton University, Classics Department — Summer 2021
Classical Ethiopic (Ge'ez), Professor Hamza M. Zafer

RESEARCH—ECONOMICS

Queen Mary University of London, School of Economics and Finance — September 2023–
Research Assistant for Professor Sang Yoon (Tim) Lee

Princeton University, Economics Department — 2019–2020
Research Assistant for Professor Christopher A. Neilson

· Centralized Student Choice and Assignment Systems Project

Princeton University, Economics Department — 2016
Research Assistant for Professor Stephen E. Morris

· "Efficient Location Choice and the Returns to Agglomeration"

Gaidar Institute for Economic Policy, Moscow, Russia — 2013–2015
Research Assistant, Department of Regional Markets and Infrastructure

RESEARCH—HUMANITIES

Princeton Ethiopian, Eritrean, and Egyptian Miracles of Mary Project[*†]
(Directed by Professor Wendy Laura Belcher, Princeton University)

Data Manager — 2018–2023
Project Manager — 2018–2022

· Analytics: developing an online database, creating the content, analyzing the data.

· Management: designing and implementing project workflows, building the web application, acceptance testing on software features.

*NEH Scholarly Editions and Scholarly Translations Grant (2021–2024), $297,256

Project description: Preparation for digital publication of 180 African Marian stories preserved in parchment manuscripts, which will be cataloged, transcribed, and translated from Geez (classical Ethiopic) into English.

†NEH Digital Humanities Advancement Grant (2021–2024), $325,000

Project description: The creation of a web-based platform and tools to enable scholars to search and engage with a unique online collection of African literature.

Dataset in Zenodo: PEMM 1.0 (2022), PEMM 2.0 (2023)

Publication: "The Ethiopian Stories about the Miracles of the Virgin Mary" (2024) with Wendy Laura Belcher, Jeremy Brown, Mehari Worku, Dawit Muluneh, in *Ethiopia at the Crossroads*, edited by Christine Sciacca, Yale University Press

Media coverage:

- A Princeton humanities project shares a vast digital 'Miracles of Mary' collection of centuries-old African stories and art (2023) by Jamie Saxon, Princeton University
- Project Unlocks Understanding of Miracle of Mary Texts (2021) by Nathan Green, University World News
- African Humanities Folkloric Project Awarded Two Major NEH Grants (2021) by Lisa Kraege, Humanities Coincil, Princeton University
- Is a Spreadsheet a Database? (2021) by Rebecca Sutton Koeser, Center of Digital Humanities, Princeton University
- PEMM Project: Folklore about How the Virgin Mary Helps Believers in Ethiopian Literature and Art (2021) by Center of Digital Humanities, Princeton University
- PEMM Illuminates East African Manuscripts, Digitally (2020) by Camey VanSant, Center of Digital Humanities, Princeton University

Princeton University, Department of Comparative Literature 2018
Research Assistant for Professor Wendy Laura Belcher

- Assisted in preparing the social science book.

RESEARCH—PHYSICS

Semenov Institute of Chemical Physics, Moscow, Russia 2012–2013
Laboratory Assistant

- Analyzed the structure and properties of synthesized polymers using nuclear magnetic resonance spectroscopy.

TEACHING—INSTRUCTOR

Princeton University, Princeton School of Public and International Affairs (SPIA), Master in Public Policy program

SPI 615 Microeconomics Summer 2020

Princeton University, SPIA, Princeton Junior Summer Institute

SPI 605B Introductory/Intermediate Microeconomics Summer 2019

Princeton International School of Mathematics and Science

Microeconomic Theory Spring 2016, Fall 2016
Advanced Algebra Spring 2016

TEACHING—TEACHING ASSISTANT

Princeton University, SPIA, Master in Public Affairs program

SPI 511B Microeconomic Analysis for Policymakers Fall 2021
Professors Pietro Ortoleva and Thomas Fujiwara

SPI 522 Microeconomic Analysis of Domestic Policy Fall 2021
Professor Amy Craft

SPI 511B Microeconomic Analysis for Policymakers — Fall 2020
Professor Amy Craft

SPI 525 Public Economics and Public Policy — Spring 2019
Professor Henrik J. Kleven

SPI 511C Microeconomic Analysis for Policymakers — Fall 2018, Fall 2019
Professor Christopher A. Neilson

Princeton University, SPIA, Princeton Junior Summer Institute

Intro/Advanced Microeconomics, Intro/Advanced Statistics — Summer 2018

New Economic School (Moscow, Russia), Bachelor of Arts in Economics

Machine Learning — Fall 2016
Professor Andrea Matranga

Development Economics — Fall 2015
Professors Ruben Enikolopov and Andrea Matranga

AWARDS

Graduate teaching award for exceptional teaching in 2018, 2019, 2020, 2021, School of Public and International Affairs, Princeton University

REFEREE

Journal of the Text Encoding Initiative

OTHER

Software	Matlab, STATA, OpenRefine, Sublime Text
Languages	English (fluent), Russian (native), Classical Ethiopic (Ge'ez) (beginner), French (beginner)
Family	husband and daughter (2019)

Ph.D. courses

Evgeniia Lambrinaki

Current courses:

1. Advanced Econometrics — Queen Mary University of London (QMUL)
2. Labour and Public Economics — QMUL

Completed courses:

1. Advanced Macroeconomics — QMUL
2. Models with Heterogeneous Agents — University College London (UCL)
3. Firm Dynamics — UCL
4. Foundations in Asset Pricing — QMUL
5. Topics in Economic Theory — UCL
6. Macroeconomics II — QMUL
7. Econometrics II — QMUL
8. Microeconomics II — QMUL
9. Macroeconomics I — QMUL
10. Econometrics I — QMUL
11. Microeconomics I — QMUL

Statement of Purpose – IRBC 2024

Evgeniia Lambrinaki

I am a macroeconomist interested in studying the relationship between technological advances, labor markets, and their collective impact on societal inequalities.

In one of my research projects, I focus on the career and earning trajectories of female experts who are mothers. I investigate the hypothesis that increased accessibility of professional roles for mothers may contribute to income inequality even as it reduces gender disparities. In another ongoing project, I examine the role of human capital management in firms' innovation processes. My goal is to determine to what extent the increase in firms' investment in work environments is driven by the preferences of younger workers or is an integral part of idea production.

As a research assistant for Professor Tim Lee at Queen Mary University of London, I am currently engaged in a quantitative exercise within a heterogeneous agents endogenous growth model with investment in human capital. Before commencing my Ph.D. track at Queen Mary, I worked as a research assistant for Professor Christopher A. Neilson at Princeton University, where I was involved in a project examining student-school matching mechanisms across various levels of education and in different country-specific contexts.

Last summer, I participated in the summer macro-finance school focusing on continuous time techniques, organized by Professors Markus Brunnermeier and Yuliy Sannikov. I learned how to formulate economic problems in continuous time and solve them using computational methods. I have been selected to attend the second part of this school at Princeton University next fall, which will further my learning in this area. The knowledge I gained at the summer school has become invaluable in my role as a research assistant and in developing my research projects.

After a highly positive and impactful experience at the Princeton summer school, I am now eager to participate in another program led by acclaimed researchers in the field. As an undergraduate specializing in biomolecular physics, and through my work in a laboratory at the Russian Academy of Science, I developed a deep appreciation for the role of innovation in economic growth and the importance of evaluating its potentially heterogeneous impacts on society. As a macroeconomist, understanding innovation is crucial to me, given its key role in macro models of endogenous growth. I am particularly keen to learn about the latest models of innovation, its diffusion, and its implications for inequality. The opportunity to learn from and interact with renowned innovation scholars and the research community would be invaluable to my growth and future research.

I am confident that my educational background and research experience have prepared me well to grasp the content of the boot camp, and I look forward to seeing how the knowledge I acquire will shape my academic perspective.

Dr. Sang Yoon (Tim) Lee, Reader
Queen Mary University of London
School of Economics and Finance
Mile End Road, E1 4NS
London, UK

Phone: +44 (0)20 7882 3997
Email: sylee.tim@qmul.ac.uk

3 Feb 2024

Dear Innovation Bootcamp,

I am very happy to write this letter in support of **Evgeniia Lambrinaki**.

Evgeniia is currently in the 2nd year of our Master of Research in Economics program (corresponding to the first two years of a Ph.D. program in the U.S.) and I am her main advisor. **Evgeniia actually does not belong here**. She has been performing at the top of her class since she joined our program, and is the best student Queen Mary has ever had if she were to stay.

Evgeniia's background and preparation are top notch: She has a math and physics degree from the very best undergraduate program in Russia from which she graduated with flying colors, an economics master's degree from the prestigious New Economic School in Moscow, and also has vast research and teaching assistance experience from her time in Moscow, at Princeton, and now at Queen Mary. The only reason she is with us was because she was following her husband Evgenii Safonov, whom we hired as an assistant professor a little over a year ago.

She has been developing a heterogeneous agent model in which women choose different occupations based not only on expected wage streams but also work requirements. She sets this model in continuous time and plans to quantify whether flexible work arrangements among higher-paying jobs, while reducing gender inequality, have at the same time raised aggregate inequality. (The mechanism works in a simpler setting.). At the same time, she is part of a team I am developing with Alexandre Gaillard, a former student of mine from Toulouse, now an AP at Brown. The project involves computing a non-stationary equilibrium that features both labor income and rate-of-return shocks in a continuous time overlapping generations framework, and Evgeniia is fully in charge of the numerical details, while also helping us validate the theoretical parts.

She also successfully attended Princeton's Macro/Money/Finance Summer School and was invited back for further training as well as to partcipate in their online reading group. I am certain she would perform equally well at the NBER Innovation Bootcamp.

Please feel free to contact me if you have any further questions.

Sincerely,



Sang Yoon (Tim) Lee