

# Quang-Thanh Tran

## Tohoku University

Graduate School of Economics and Management  
41 Kawauchi, Aoba-ku, Sendai, Miyagi, Japan 980-8576

(last update: June 4, 2025)

## PERSONAL INFO

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**Citizenship:** Vietnamese  
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**Google Scholar:** user=rWZJllwAAAAJ  
**Website:** thanhqtran.github.io

## RESEARCH FIELDS

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Macroeconomics  
Applied Mathematics

## EDUCATION

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**PhD, Economics** *March, 2025*  
Tohoku University, Japan  
**Dissertation:** Three Essays on Fertility and Economic Growth (PDF)  
**Academic Advisor:** Akiomi Kitagawa

**MA, Economics** *September, 2021*  
Tohoku University, Japan

**BA, International Economics** *March, 2019*  
Foreign Trade University, Vietnam

## RESEARCH

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### PUBLICATIONS

- [1] **Tran, Q.T.** 2022. The aging tax on potential growth in Asia. *Journal of Asian Economics*. 81, 101495. doi:10.1016/j.asieco.2022.101495

### WORKING PAPERS

- [1] Fertility and Career Choices in an Overlapping Generations Model with Sandwich Caregivers. **(Revise and Resubmit)**
- [2] Dual Caregiving and Overlapping Generations. (Under Review) (PDF)
- [3] The Explosive Growth and Rapid Contraction of an Overlapping-Generations Economy. (Under Review)

[4] Fertility and R&D-based Growth: The Role of Higher Education.

## WORK IN PROGRESS

[5] Health Expenditure, Social Security and Fiscal Balance in Vietnam (*with Van-Quy Nguyen, Thi Ha Tran*).

[6] The Impact of Air Pollution on Child Growth in Myanmar: Insights from the 2015-2016 DHS and Satellite Data (*with Sophia Lay, Akira Hibiki*).

## GRANTS & AWARDS

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**JSPS Grants-in-Aid Research Fellowship for Young Scientists (DC2)** April 2023 – March 2025  
Grant Number: 23KJ0135

**JST Pioneering Research Initiated by the Next Generation Program** October 2021 – March 2023  
Grant Number: JPMJSP2114

**MEXT Honor Scholarship** April 2021 – September 2021

**Japanese Government's JASSO Scholarship** October 2019 – March 2020

**Best Paper Award**, The 18th Mirai Creation Prize April 2023  
Tohoku University

**Encouragement Scholarship for Outstanding Academic Results** August 2017  
Foreign Trade University

## TEACHING

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### LECTURER

Optimization. National Economics University. 2025/05.

### BOOTCAMP

Graduate Student Organization's Intensive Bootcamps. URL: [github.com/thanhqtran/tohoku\\_bootcamp](https://github.com/thanhqtran/tohoku_bootcamp).

Computational Macroeconomics (English, 20 hours in total) **March 19 – 26, 2024**

Computational Macroeconomics (English, 20 hours in total) **September 2 – 6, 2024**

Special Topics in Macroeconomics (English, 20 hours in total) **March 4 – 8, 2024**

Mathematics II (English, 30 hours in total) **August 28 – September 15, 2023**

Mathematics I (English, 45 hours in total) **March 6 – 24, 2023**

### TEACHING ASSISTANT

Undergraduate Macroeconomics (Japanese). Professor: Akiomi Kitagawa **Fall 2022**

Advanced Macroeconomics (Japanese). Professor: Michio Suzuki **Fall 2022**

Formal Mathematics and Economic Modeling. Professor: Dai Zusai	<b>Spring 2022</b>
Computational Modeling and Simulation in Games. Professor: Dai Zusai	<b>Spring 2021</b>
Microeconomics I. Professor: Dai Zusai	<b>Spring 2021</b>
Microeconomics II. Professor: Dai Zusai	<b>Fall 2021</b>

## PRESENTATIONS

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- [1] MFE Seminar, National Economics University, February 2025
- [2] Joint workshop TU Research Center for Policy Design and Sophia Institute for Human Security, Tohoku University, March 2024
- [3] The 18th Macroeconomics Conference for Young Economists, Kyoto University, February 2024
- [4] Japanese Economic Association Fall Meeting, Kansai University, September 2023
- [5] The 14th Vietnam Economist Annual Meeting, University of Da Nang, July 2023
- [6] ISER Seminar Series, ISER, Osaka University, June 2023
- [7] The RCPD Research Seminar on Contemporary Economics, Tohoku University, September 2022
- [8] Japanese Economic Association Spring Meeting, Yokohama University, May 2022

## TECHNICAL SKILLS

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Python, R, Julia, MATLAB.

## LANGUAGES

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**Vietnamese** (native), **English** (fluent), **Japanese** (advanced, JLPT N1).

## MEMBERSHIP

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Japanese Economic Association

## OTHER ACTIVITIES

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**Participant**, The IMF's 8th Macroeconomist Training Program. VENUE: JICA Tokyo (Tokyo International Center). DATE: January 9–10, 2020.

**President**, Tohoku University Graduate Student Association. February, 2022 – September, 2023

## REFERENCES

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**Akiomi Kitagawa**

Tohoku University

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**Akira Hibiki**

Tohoku University

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