Tasnia Hussain

University of Toronto
Department of Economic
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Education

Ph.D. Economics, University of Toronto

Expected 2026

Committee: Joseph Steinberg (Co-supervisor), Eduardo Souza Rodrigues (Co-supervisor), Gueorgui Kambourov

M.A. Economics, University of Toronto

2018

Hons. B.Sc. in Economics and Statistics, University of Toronto

2017

Research

Optimal Carbon Taxation Under Carbon Inequality (Job market paper)

The Impact of the Russia-Ukraine War on Renewable Energy

with Álvaro Pinzón

Clean Energy Transition Paths under Structural Change

with Anubha Agarwal and Álvaro Pinzón

Estate Taxation and Wealth Inequality

Awards and Grants

Ontario Graduate Scholarship (\$15,000)	2024
Ontario Graduate Scholarship (\$10,000)	2023
University of Toronto Doctoral Fellowship	2019 - 2024
University of Toronto Faculty of Arts and Sciences Graduate Admission Award (\$8,000)	2017
UTSC Department of Management Wan Ho Chak Scholarship in the (\$5,235)	2016
UTSC Vincent Bladen in-course awards (\$300)	2016
Imam Abdul Razak Foundation University Scholarship (\$20,000)	2013 - 2017

Professional Experience

Teaching Assistantships

2016 - Present

ECO1100 - Macroeconomic Theory (Graduate) ECO1960 - Energy and Regulation (Graduate)

ECO414 - Energy and Regulation (Undergraduate)

ECO313H - Environmental Economics and Policies (Undergraduate)

ECO101 - Principles of Microeconomics (Undergraduate)

ECO102 - Principles of Macroeconomics (Undergraduate)

ECO208Y1 – Macroeconomic Theory (Undergraduate)

MGEC11 - Introduction to Regression Analysis (Undergraduate)

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PPG1004 - Quantitative Methods for Policy Analysis (Undergraduate)

ECO220 - Quantitative Methods in Economics (Undergraduate)

MGEB12 - Quantitative Methods in Economics (Undergraduate)

MGEC06 - Topics in Macroeconomic Theory (Undergraduate)

MGEC02 - Topics in Microeconomic Theory (Undergraduate)

Research Assistantships

University of Toronto, Research Assistant

2022-2023

Support: Heski Bar-Isaac (U of T)

Project: Conduct comprehensive analysis of a macroeconomic search model, systematically examining and troubleshooting all components to identify convergence issues.

University of Toronto, Research Assistant

2021-2023

Support: Ambarish Chandra (U of T)

Project: Assess the effects of travel restrictions and cross border travel on COVID-19 outcomes using webscrapping techniques and QGIS

University of Toronto, Research Assistant

2021

Support: Burhanettin Kuruscu (U of T)

Project: Estimate parameters of a progressive tax function across years for state income taxes and total taxes using MATLAB

University of Toronto, Research Assistant

2020

Support: Nathanael Vellekoop (U of T)

Project: Use a Bayesian hierarchical latent class model to take a series of attitude questions about the economy to filter out belief types

University of Toronto, Research Assistant

2018-2019

Support: Gustavo Bobonis (U of T) and Marco Gonzalez-Navarro (University of California-Berkeley) Project: Estimating the effect of school closures on student performance in Puerto Rico; assisting with grant writing, cleaning and compiling various data sets, developing implementation support for the survey instruments

University of Toronto, Research Assistant

2016-2018

Support: Marco Gonzalez-Navarro (University of California-Berkeley)

Project: Preparing rich household expenditure survey data into a usable dataset in order to estimate changes in welfare from trade

Conference Presentations

Environmental Economics Workshop (Ivey Business School

2024

Annual Conference of the Canadian Economics Association

2025

Languages

Fortran, Python, STATA, R, QGIS, JavaScript, MATLAB, VBA, Julia

Co-Curricular Activities

Canadian Union of Public Employees, Department of Economics Steward	2020 - 2023
University of Toronto Scarborough Economics Students' Org., Co-President	2016 - 2017
University of Toronto Scarborough Student Union, Student Advocate	2016 - 2017