

# Khai Zhi Sim

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Stonehill College

## Office Contact Information

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## Academic Positions

Assistant Professor of Economics, Stonehill College, 2023-present

Assistant Professor of Economics, Eastern Connecticut State University, 2019-2023

## Education

Ph.D. Economics, Cornell University, 2019

M.A. Economics, Cornell University, 2016

B.S. Higher Honor in Economics, Actuarial Mathematics, and Statistics, University of Michigan, 2012

## Research Fields

Banking, Monetary Economics, Macroeconomics, Applied Game Theory

## Publications

"Monetary and Fiscal Coordination in Preventing Bank Failures and Financial Contagion", *Journal of Macroeconomics*, Volume 75, March 2023, 103498.

"The Optimal Bailout Policy in an Interbank Network", *Economics Letters*, Volume 216, July 2022, 110628.

## Working Papers

"Bank Bailouts: Cost of Inability to Commit"

*Revise and Resubmit at Journal of Mathematical Economics*

*Best Paper in Financial Institutions Track at Southwestern Finance Association Annual Conference 2020*

"Teaching Production with SimCity BuildIt"

*Revise and Resubmit at Journal of Economics Teaching*

"The Bailout Incentive on Excessive Risk-taking Behavior in Banks"

## Works in Progress

"Predicting Bank Failures with Recurrent Neural Networks"

"Opacity, Bailout, and Bank Fragility" (with Ryuichiro Izumi)

## Teaching Experience

### *Stonehill College*

ECO 178: Macroeconomic Principles

ECO 303: Intermediate Macroeconomics

### *Eastern Connecticut State University*

ECO 200: Principles of Macroeconomics

ECO 201: Principles of Microeconomics

ECO 302: Intermediate Macroeconomic Analysis

ECO 325: Money and Banking

FIN 445: Case Studies in Financial Management

FYI 100: Video Games and Economics

HON 380: Directed Honors Research

### *Cornell Prison Education Program*

Econ 201: Introduction to Macroeconomics

### *Cornell University (Teaching Assistant)*

Econ 1110: Introduction to Microeconomics

Econ 1120: Introduction to Macroeconomics

Econ 3040: Intermediate Macroeconomics

Econ 4020: Game Theory

Econ 4902: Banks

Econ 4905: Financial Fragility and the Macroeconomy

Econ 6170: Intermediate Mathematical Economics I

## Awards, Grants, and Fellowships

### *Eastern Connecticut State University*

North Star Collective Faculty Writing Fellowship (\$1,500), Spring 2023.  
 Faculty Development Grant (\$1,500), 2022-2023.  
 Research Reassigned Time (2 courses), 2022-2023.  
 Minority Retention Fund (\$1,500), 2022-2023.  
 Connecticut State University Research Grant (\$4,000), 2022.  
 Faculty Development Grant (\$1,500), 2021-2022.  
 Research Reassigned Time (2 courses), 2021-2022.  
 Minority Retention Fund (\$1,000), 2021-2022.  
 Faculty Development Grant(\$700), 2020-2021.  
 Research Reassigned Time (2 courses), 2020-2021.  
 Minority Retention Fund (\$1,000), 2020-2021.  
 Minority Retention Fund (\$800), 2019-2020.  
 Best Paper in Financial Institutions Track, Southwestern Finance Association, 2020.

### *Cornell University*

The Louis Walinsky Fund in Economics in Honor of Professor Herbert Joseph Davenport Outstanding Teaching Award, Cornell University, 2018  
 Sage Fellowship, Cornell University, 2012-2013

## Conference and Seminar Presentations

2023: Stonehill College  
 2022: Midwest Economic Theory Conference, 9th Tunisian Society for Financial Studies International Conference in Finance and Accounting  
 2021: Southwestern Finance Association 59th Annual Conference, Southern Finance Association 2021 Annual Meeting  
 2020: Eastern Economic Association 46th Annual Conference  
 2019: Budapest Institute of Technology and Economics, American University of Beirut, Bank of Canada, Eastern Connecticut State University, National University of Kaohsiung  
 2018: The Spanish Economic Association 43rd Symposium

## Referee

Macroeconomic Dynamics, Journal of Macroeconomics

## Miscellaneous

### *Casualty Actuarial Society Professional Exams*

CAS Data Insurance Series Course: Insurance Accounting, Coverage Analysis, Insurance Law, and Insurance Regulation (In Progress)

CAS Data Insurance Series Course: Risk Management and Insurance Operations, July 2023

Exam MAS-I: Modern Actuarial Statistics I, Spring 2023

### *Society of Actuaries Professional Exams*

Exam C: Construction and Evaluation of Actuarial Models, January 2012

Exam MLE: Modules for Life Contingencies, May 2011

Exam MFE: Modules for Financial Economics, May 2011

Exam FM: Financial Mathematics, May 2010

Exam P: Probability, January 2010

### *Other Skills:*

Computer Skills: Python, MATLAB, Stata, R, Excel

Other Languages: Mandarin (native), Malay (fluent), Cantonese (fluent)