SANJANA GOSWAMI

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EDUCATION

University of California, Irvine
Ph.D.,Economics — June 2020 (expected)
M.A., Economics — 2015

Jadavpur University, India
B.A.(Hons.), Economics — 2013

RESEARCH INTERESTS

International Trade and Labor Markets, International Macroeconomics.

KEY COURSEWORK

International Macroeconomics, International Trade, Advanced Topics in Econometrics.

PUBLICATIONS

Asquith, Brian, Sanjana Goswami, David Neumark, and Antonio Rodriguez-Lopez. "U.S. Job Flows and the China Shock." *Journal of International Economics* 118 (2019): 123-137.

WORKING PAPERS

Employment Consequences of Trump's Trade Wars (Job Market Paper)

Markups and Productivity of Heterogeneous Producers

OTHER PUBLICATIONS

Chinese Import Exposure and U.S. Occupational Employment *with Marco del Angel and Antonio Rodriguez-Lopez*, in World Trade Evolution: Growth, Productivity and Employment, edited by L. Ing and M. Yu, London: Routledge, 2019.

A Closer Look at Labor Productivity in Canada *with Jorge Alvarez, Yurani Arias Granada, and Kotaro Ishi*, prepared for IMF Selected Issues Canada 2018 (IMF Country Report No. 18/222)

WORK IN PROGRESS

Nonemployer businesses and International Trade

RESEARCH VISIT

International Monetary Fund
Fund Internship Program — July - Sep 2017

TEACHING EXPERIENCE

University of California, Irvine
Teaching Assistant — Sep 2014 - present
Money and Banking, International Money, Economics of International Business, Corporate Governance, Business Forecasting, Managerial Economics, Basic Economics

Interest in Artificial Intelligence

Sanjana Goswami*
University of California, Irvine

May 2019

There is a lot of scope in combining Artificial Intelligence with research topics in International Trade. Goldfarb and Trefler (2018) have outlined in their chapter in the NBER book on Economics of AI, how one can attempt to incorporate AI in trade models. I would like to expand on their suggestions, with a focus on the effect of trade on employment.

My primary research interest is in studying the effects of International Trade on Labor Market outcomes and I am currently studying the effect of the ongoing U.S.-China trade wars on U.S. employment. AI not only has the potential to improve trade negotiations between countries, it can be used by partner countries of the United States to decide on a retaliation strategy to hurt the U.S. for imposing higher tariffs on them. There is already evidence that China has been targeting Republican counties and that the EU has a secret algorithm for selecting retaliatory tariffs. The knowledge of AI techniques can help academic researchers as well, to better understand the available data on tariffs and trade and how retaliation will affect various economic outcomes in the short as well as the long run. In my research, I am comparing the actual retaliation with hypothetical scenarios of responsible and political retaliation. AI tools can be used to analyze a lot more trajectories. There is limited knowledge about how to implement these ideas and I would benefit greatly in expanding both my theoretical and empirical work by attending this workshop.

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