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# SHIYI CHEN

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## EDUCATION

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**University of Connecticut** May 2022 (expected)  
*Ph.D. Candidate in Economics* Storrs, CT

Dissertation Topic: "Three Essays on Marriage, Work, and Affirmative Action"

**London School of Economics** 2014  
*MSc. Real Estate Economics and Finance* London, UK

**University of Manchester** 2013  
*B.A.(Hons) Business Studies* Manchester, UK

## FIELDS OF SPECIALIZATION

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Primary: Labor Economics, Demographic Economics  
Secondary: Public Policy, Health Economics

## TEACHING INTERESTS

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Applied Microeconomics, Econometrics, Statistics, Labor Economics, Demographic Economics, R/Python/Stata Programming, Big Data

## JOB MARKET PAPER

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*"Affirmative Action Policies and Interracial Marriage"*

(ASSA interview video: <https://www.aeaweb.org/conference/videos/2020/shiyi-chen>)

If affirmative action policies induce more exposure of whites to minorities on the job, then this can theoretically improve race relations making these policies only necessary in the short run. However, it has been argued that affirmative action policies can have negative long-term consequences on the minorities they are designed to help if the policies result in resentment among members of the majority group. This paper explores the broad relationship between affirmative action policies and race relations by examining how interracial marriage patterns – a readily available measure of race attitudes – change in response to the enactment of state affirmative action laws. Specifically, this paper exploits time and state variation in initiating affirmative action laws along with fact that state affirmative action policies directly affect only public-sector employees. Using a triple difference model, I find that the probability of a white male having a black wife increases by 0.07 percentage points in response to being exposed to affirmative action policies given when he married, where he lives, and whether he is a public sector worker. Results for black males are sensitive to estimation technique. Furthermore, interracial marriage decisions for females, regardless of race, are not affected by state affirmative action policies. Taken together, these results suggest that affirmative action laws improve race relations but with important gender and racial differences.

## WORKING PAPER

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"Gender Composition in the Workplace and Marriage Rates," *Revise and Resubmit, Journal of Demographic Economics*

## **WORKS IN PROGRESS**

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“Affirmative Action Bans and Black-White Wage Gaps: Evidence from Public Sector Workers”  
“CAPTA Notifications & Plans of Safe Care: Findings from a Novel Policy Implementation,”  
(with Margaret H. Lloyd Sieger, Cynthia Nichols, and Melissa Sienna)  
“Affirmative Actions and Health Behaviors”

## **RESEARCH EXPERIENCE**

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Research Assistant II for Prof. Margaret H. Lloyd Sieger, University of Connecticut, Fall 2021  
- present

## **TEACHING EXPERIENCE**

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Instructor, Applied Business Statistics (Online & Hybrid Sections), Southern Connecticut State University, Spring 2021  
Instructor, Writing in Economics, University of Connecticut, Spring & Fall 2020  
Instructor, Econometrics I (Stata Lab), University of Connecticut, Fall 2018 & Spring 2019  
Teaching Assistant, Financial Data Mining - Big Data Analytics, University of Connecticut, Fall 2018 - Spring 2021  
Teaching Assistant, Principle of Macroeconomics, University of Connecticut, Spring 2018  
Teaching Assistant, Intermediate Microeconomic Theory, Women and Minorities Labor Market, Economics of Poverty, University of Connecticut, Fall 2017  
Teaching Assistant, Intermediate Macroeconomic Theory, Principle of Economics (Intensive), University of Connecticut, Spring 2017  
Teaching Assistant, Intermediate Macroeconomic Theory, University of Connecticut, Fall 2016

## **CONFERENCE AND SEMINAR PRESENTATIONS**

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2021: Population Association of America (PAA)  
2020: Southern Economics Annual Meetings (SEA), American Economic Association Annual Meetings (AEA), Labor Seminar, University of Connecticut  
2019: Eastern Economics Annual Meetings (EEA), Data Science & AI Conference (Invited)  
2018: Eastern Economics Annual Meetings (CSWEP Session)

## **SCHOLARSHIPS AND FELLOWSHIPS**

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Doctoral Dissertation Fellowship, Fall 2020  
Doctoral Student Travel Fellowship, Spring 2020  
Eleanor Bloom Supplemental Funds, Summer 2019  
Eleanor Bloom Fellowships, 2017 – 2019  
Provost Recognition for Excellence in Teaching, Fall 2018 & Fall 2020  
Economics Department Graduate Assistantship, 2016 - 2021

## **LEADERSHIP AND SELECTED VOLUNTEER**

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President, Graduate Data Science Student Organization, 2018 – present  
Teaching Volunteer, Donar Education Center, Kenya, Summer 2013

## **COMPUTATIONAL SKILLS**

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Stata, Python, R studio, SAS, SPSS, LaTeX

## **LANGUAGES**

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Mandarin Chinese (Native), English (Fluent), German (Basic)

## REFERENCES

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Prof. Delia Furtado (Major Advisor)  
University of Connecticut  
(860)486-0615  
delia.furtado@uconn.edu

Prof. Kenneth Couch  
University of Connecticut  
(860)486-4570  
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Prof. Jorge Agüero  
University of Connecticut  
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