

# Anamika Sen

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## EDUCATION

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### University of Massachusetts Amherst

PhD in Economics

Amherst, MA

May 2023 (expected)

- Dissertation Title: Three Essays on Allocation of Costs and Benefits, Credit, and Time
- Research Interests: Macroeconomics, International Finance, Economics of Gender
- Received distinction in Macroeconomics comprehensive examination

MA in Economics

May 2020

### Jawaharlal Nehru University

MA in Economics

New Delhi, India

May 2016

- Ranked 3rd in graduating cohort

### Jadavpur University

BA (with honors) in Economics

Kolkata, India

May 2014

- Minors: Mathematics, Statistics

## JOB MARKET PAPER

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### The Impact of Austerity on Gender Inequality in Time Allocation in the United States

The Great Recession of 2007-2009 caused large declines in state revenues which prompted many states to implement austerity measures to meet their balanced budget requirements. Decreases in public spending can have heterogeneous gender effects due to existing inequalities in time allocated for unpaid work. In this paper, I combine data from the American Time Use Survey for 2005-2015 and the State and Local Expenditures database to investigate the relationship between decreases in state education spending and time spent on child care. My analysis compares changes in time allocated for child care activities by adults residing in states with and without spending reductions on K-12 and early education programs. I find that prior to the decreases in education spending, time spent on child care activities across austerity states and non-austerity states trended similarly. However, in the years following the spending cuts, residents of austerity states were spending more time on child care relative to residents of non-austerity states. The increase in child care in austerity states was unevenly distributed across genders – men were allocating 1.8 hours more weekly while women were allocating 3 hours more weekly to child care. The effect of austerity measures on the gender gap in child care time persists even six years after the initial reduction in education spending, thus having long-lasting implications for progress towards gender equality. My findings suggest the need for gender budgeting at all stages of the fiscal budget cycle which can allow governments to pursue both economic and social goals even during times of crisis.

## PAPERS

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### Publications

Sen, Anamika, Weijia Yao and Juan Yépez. “Shock Absorbers or Transmitters? The Role of Foreign Banks during COVID-19”. *IMF Working Paper No. 2022/188* (2022).

Sen, Anamika, Curtis Atkisson and Charlie Schweik. “Cui Bono: Do open source software incubator policies and procedures benefit the projects or the incubator?”. *International Journal of the Commons* (2022).

## Working Papers

Deconstructing written rules and hierarchy in peer produced software communities (*with Mahasweta Chakraborti, Beril Bulat, Qiankun Zhong and Seth Frey*)

## Works in Progress

Foreign Bank Entry and Credit Allocation (*with Esra Uğurlu*)

The mentors make the decisions: How do individuals serving in dual roles of mentor and decision maker apply organizational policies to their own mentees? (*with Brenda Bushouse and Curtis Atkisson*)

## RESEARCH EXPERIENCE

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### University of Massachusetts Amherst

Amherst, MA

Research Assistant – Prof. Gerald Epstein

September 2022 - present

- Providing editorial assistance and written contributions for projects related to macroeconomics and finance.

Research Assistant – Prof. Charles Schweik

December 2020 - August 2022

- Led a collaborative effort to investigate the costs and benefits of open source software incubator programs through qualitative analysis of data gathered from policy documents and interviews of key participants.
- Participated in preparing and writing NSF grant reports.

Research Assistant – Prof. Robert Pollin

January 2019 - January 2021

- Assessed the wages and living standards of the American Postal Workers Union (APWU) using regression analysis of data collected from the Current Population Survey.
- Performed background research and cost-benefit analyses for multiple projects related to the implementation of green energy policies in the United States.

Research Assistant – Prof. Daniele Girardi

September 2018 - January 2019

- Constructed a dataset of exogenous fiscal expansions in OECD countries using information gathered from narrative sources such as IMF country reports, OECD economic surveys, and domestic policy documents.

### International Monetary Fund

Virtual

Intern – Fund Internship Program

June 2021 - August 2021

- Lead author of a working paper that analyzes the role of bank ownership in influencing lending behavior during the COVID-19 pandemic using firm-level data.

### Applied Economics Clinic

Somerville, MA

Research Assistant – Dr. Elizabeth Stanton

June 2018 - August 2018

- Performed quantitative and qualitative analyses to assess the costs and benefits of new environmental policies in Massachusetts.

### NoPoor Project

Kolkata, India

On-field Statistical Enumerator

June 2013

- Collected primary data for the development of a multi-dimensional poverty index.

## TEACHING EXPERIENCE

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### University of Massachusetts Amherst

Amherst, MA

Online Instructor

May 2022 - June 2022

- Introduction to Microeconomics

Instructor

January 2020

- Graduate Econometrics camp

Graduate Assistant

January 2019 - May 2019

- Economics Undergraduate Research Assistant (EURA) program

Teaching Assistant

September 2017 - May 2018

- Introduction to Microeconomics (Fall 2017, Spring 2018)

- Introduction to Macroeconomics (Spring 2018)

**Michigan State University**

**East Lansing, MI**

Teaching Assistant

June 2019 - July 2019

- Research Methods – Foundations level

## PROFESSIONAL EXPERIENCE

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**Infosys Limited**

**Pune, India**

Analyst – Data Science

July 2016 - July 2017

- Automated the data maintenance system of a prominent consumer goods company using machine learning and natural language processing algorithms.

**PricewaterhouseCoopers Private Limited**

**Gurgaon, India**

Summer Intern

May 2015 - July 2015

- Performed an assessment of the energy sector policies in Central Asian countries to determine their suitability for private investments. Findings from this project were subsequently used to develop recommendations for investors.

## CONFERENCES

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**ASSA 2022**

**Virtual**

Paper presented - The Impact of Austerity on Gender Inequality in Time Allocation in the United States

January 2022

**IMF Macrofinancial Seminar**

**Virtual**

Paper presented - Shock Absorbers or Transmitters? The Role of Foreign Banks during COVID-19

September 2021

**IASC Knowledge Commons Conference**

**Virtual**

Paper presented - Cui Bono: Do open source software incubator policies and procedures benefit the projects or the incubator? (*Runner Up, Best Student Presentation*)

June 2021

## HONORS & AWARDS

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Travel Grant, Young Scholars Initiative

2022

SOAR Fund Award, UMass Amherst Libraries

2022

Travel Grant, UMass Amherst Department of Economics

2022

Research Fellow, American Economic Association Summer Program

2019

INSPIRE Scholarship, Department of Science and Technology (India)

2011

## SKILLS

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**Programming:** R (advanced)

**Software & Tools:** STATA (proficient), Excel (advanced),  $\text{\LaTeX}$  (advanced), NVivo (basic), Tableau (basic), EViews (basic)

**Languages:** English, Hindi, Bengali

## ACADEMIC AFFILIATIONS

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Association for Social Economics, International Association for the Study of the Commons, Phi Kappa Phi Honor Society

## REFERENCES

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### **Gerald Epstein**

Professor, Department of Economics  
Co-Director, Political Economy Research Institute  
University of Massachusetts Amherst  
[gepstein@econs.umass.edu](mailto:gepstein@econs.umass.edu)

### **Charles Schweik**

Professor, Department of Environmental Conservation  
Professor, School of Public Policy  
University of Massachusetts Amherst  
[cschweik@umass.edu](mailto:cschweik@umass.edu)

### **Daniele Girardi**

Associate Professor, Department of Economics  
University of Massachusetts Amherst  
[dgirardi@umass.edu](mailto:dgirardi@umass.edu)

### **Juan Yépez Albornoz**

Economist, Western Hemisphere Department  
International Monetary Fund  
[JYepezAlbornoz@imf.org](mailto:JYepezAlbornoz@imf.org)

## PLACEMENT

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### **Robert Pollin**

Placement Director  
Professor, Department of Economics  
University of Massachusetts Amherst  
[pollin@econs.umass.edu](mailto:pollin@econs.umass.edu)

### **Mark Landeryou**

Placement Administrator  
Graduate Program Manager, Department of Economics  
University of Massachusetts Amherst  
[gradinfo@econs.umass.edu](mailto:gradinfo@econs.umass.edu)