


# Sandra Aguilar-Gomez

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## ACADEMIC POSITIONS

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Since July 2022 - **Universidad de los Andes, Colombia.** Assistant Professor of Economics

## AFFILIATIONS

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Since July 2022 - **Center for Global Transformation, UC San Diego, USA.** Visiting Scholar

## EDUCATION

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### **Columbia University**

Ph.D., Sustainable Development 2021

M.Phil., Sustainable Development 2020

M.A., Sustainable Development 2019

*Fields: Environmental Economics, Development Economics, Public Health*

*Advisors: Rodrigo Soares (chair), Jeffrey Shrader, Anja Benschaul-Tolonen*

### **Instituto Tecnológico Autónomo de México (ITAM)**

B.A., Economics (Honors) 2014

## RELEVANT POSITIONS HELD

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International Labor Organization 2021 -  
Consultant

World Bank 2021 -  
Consultant (Mexico), International Consultant

UC San Diego - Center for Global Transformation (CGT) 2021 - 2022  
Postdoctoral scholar

Bank of Mexico - Economic Research Division (DGIE) Summer 2019  
Summer Research Fellow

Columbia University - International Affairs 2018 - 2019  
Research Assistant for Prof. Jan Svejnar

Barnard College - Economics Department 2017 - 2018  
Research assistant for Prof. Anja Tolonen

Mount Sinai Icahn School of Medicine - Arnhold Institute of Global Health 2017 - 2018  
Data Science Division. Summer Research Fellow

Central Bank of Mexico 2014 - 2016  
Economic Research Division. Economist.

## RESEARCH

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### Published Work

Aguilar-Gomez, S., Dwyer, H., Graff-Zivin, N. & Neidell, M. (2022). This is Air: The “Non-Health” Effects of Air Pollution. Forthcoming at the Annual Review of Resource Economics

Stoilova, D., Cai, R., Aguilar-Gomez, S., Batzer, N. H., Nyanza, E. C., & Benschaul-Tolonen, A. (2022). Biological, material and socio-cultural constraints to effective menstrual hygiene management among secondary school students in Tanzania. *PLOS Global Public Health*, 2(3). doi:10.1371/journal.pgph.0000110

Benschaul-Tolonen A., Aguilar-Gomez S., Heller Batzer N., Cai R., & Nyanza E.C. (2020) Period teasing, stigma and knowledge: A survey of adolescent boys and girls in Northern Tanzania. *PLoS ONE* 15(10): e0239914. doi:10.1371/journal.pone.0239914

Baum, A., Aguilar-Gomez, S., Lightwood, J., Bruzelius, E., Glantz, S. A., & Basu, S. (2020). *Estimating the long-run relationship between state cigarette taxes and county life expectancy*. *Tobacco Control*, 29(1), 81-88.

### Working Papers

*Thermal Stress and Financial Distress: Extreme temperatures and firms’ loan defaults in Mexico* with Emilio Gutierrez, David Heres, David Jaume and Martin Tobal - Under Review

*Inside the black box of child penalties: unpaid work and household structure* with Eva Arceo-Gomez and Elia de la Cruz Toledo - Winner of the Victor Urquidi Prize in economic research

*Follow the leader? Public health messaging and containment of mobility during a pandemic* with Eva Arceo-Gomez, Elia de la Cruz Toledo and Pedro Torres - UNDP Working Paper

*The evolution and persistence of women’s roles: Evidence from the Gold Rush* with Anja Benschaul-Tolonen

### Selected Work in Progress

*Heat waves and hospital overcrowding* with Joshua Graff Zivin and Matthew Neidell

*Adaptation and mitigation of pollution: evidence from air quality warnings.*

*Environmental justice in Colombia* with Juan Camilo Cardenas

## REFeree SERVICE

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Quarterly Journal of Economics

Journal of Development Economics

Economics and Human Biology

Economia, Journal of the Latin American and Caribbean Economic Association (LACEA)

Revista Desarrollo y Sociedad

## TEACHING

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### Universidad de los Andes

Gender economics	<i>Fall 2022</i>
Environmental economics	<i>Spring 2023</i>
Thesis seminar, MSc. in Economics	<i>Spring 2023</i>

### Columbia University

Teaching assistant, Economic Development, Prof. Michael Gechter	<i>Spring 2020</i>
Teaching assistant, Economic Development, Prof. Miguel Urquiola	<i>Spring 2019</i>
Teaching assistant, Environmental Economics, Prof. Wolfram Schlenker	<i>Fall 2018</i>
Teaching assistant, Marcoeconometrics, Prof. Dalibor Etanovic	<i>Spring 2018</i>
Teaching assistant, Research Methods in Public Policy, Prof. Selcuk Eren	<i>Fall 2017</i>

### Instituto Tecnologico Autonomo de Mexico (ITAM)

Main Instructor, Gender economics.	<i>2018, 2019</i>
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## FELLOWSHIPS AND AWARDS

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Association of Environmental and Resource Economists (AERE) Scholar	<i>2021</i>
Victor L. Urquidi Prize in Economic Research	<i>2020</i>
Student Research Grant, Columbia University Center for Environmental Economics and Policy	<i>2020</i>
Earth Institute Travel Grant	<i>2020</i>
Lead Teaching Fellow, Columbia University	<i>2019 - 2020</i>
Student Research Grant, Columbia University Center for Development Economics and Policy	<i>2019</i>
Wu Fellowship for Research on Health and Public Policy	<i>2017 - 2021</i>
Dean's Fellowship, Columbia University	<i>2016 - 2021</i>
First place, Citibank Economic Research Award	<i>2014</i>
First place in the 5th International Thesis Contest on Violence and Crime in Latin America and the Caribbean, United Nations Development Program	<i>2015</i>
Bank of Mexico Fellowship	<i>2014 - 2016</i>
Academic Excellence Scholarship, ITAM	<i>2009 - 2014</i>

## SERVICE

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Founder and director, Columbia Sustainable Development PhD Mentoring Program	<i>2020</i>
Co-Organizer, Ninth Interdisciplinary Ph.D. Workshop in Sustainable Development	<i>2019</i>
External Relations Officer, Mexican Students Association at Columbia University	<i>2017-2018</i>
Co-organizer, Interdisciplinary Ph.D. Workshop on Sustainable Development, Columbia University	<i>2018</i>
Co-organizer, Science and Policy Summer School, Columbia University and Science Po Paris	<i>2017</i>

Advised theses: Ricardo Olivares (ITAM, undergraduate, 2020), Mariana Perez (ITAM, undergraduate, 2022), Sharon El-Darazi (ITAM, undergraduate, 2022), Constanza Chamas (ITAM, undergraduate, 2022), Paula Torres (Universidad de los Andes, graduate, 2023)

Refereed theses: Karla Doig (ITAM, graduate, 2019), Maria Jos Cota (CIDE, undergraduate, 2021), Sofia Abondano (Universidad de los Andes, graduate, 2022), Nata Daniela Caro (Universidad de los Andes, graduate, 2022)

## MEMBERSHIP

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American Economic Association (AEA), Association of Environmental and Resource Economists (AERE), Latin American Association of Environmental and Resource Economists (LAERE), Latin American and Caribbean Economic Association (LACEA)

## INVITED CONFERENCES AND PRESENTATIONS

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### 2022

Research Institute for Development, Growth and Economics-(RIDGE) Forum Environmental Economics Workshop and Financial Stability Workshop (Uruguay), LACEA-LAMES Annual Conference (Peru), Universidad del Rosario (Economics Seminar), University of San Francisco (Economics Seminar), INSPER Learning Institution (Economics seminar), Centro de Investigacion y Docencia Economica (Economics Seminar), 100 Years of Economic Development Conference (Cornell University), CAF Development Bank of Latin America (Chile, scheduled)

### 2021

University of California, San Diego (Environmental Economics Seminar), University of Southern California (Economics Seminar), NBER (Summer Institute 2021, Environmental & Energy Economics Workshop), London School of Economics(LSE Workshop in Environmental Economics), Association of Environmental and Resource Economists (AERE) Summer Conference, Banco de la Republica (Colombia), Online Summer Workshop in Environment, Energy, and Transportation (OSWEET), Universidad de los Andes (Economics Seminar), Women in Environmental Economics for Development Seminar (WinEED), LACEA-LAMES Conference

### 2020

The Workshop in Environmental Economics and Data Science (TWEEDS), Association of Environmental and Resource Economists (AERE) Summer Conference, NBER (Summer Institute 2020, Gender in the Economy)

### 2019

AGW Workshop on Poverty, Development and Globalization (Bangalore, India), Annual World Bank Conference on Land and Poverty (Washington, DC, poster), North America Young Scholars Initiative Convening, (USC), APPAM International Conference (ITAM, Mexico), Columbia University (Interdisciplinary Ph.D. Workshop in Sustainable Development), Sustainable Development Research Symposium ( New York, NY)