

# Sandra Aguilar-Gomez

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## APPOINTMENTS

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July 2021 - June 2022: **UC San Diego, USA.** Postdoctoral scholar at CGT (Center for Global Transformation)

From August 2022: **Universidad de los Andes, Colombia.** Assistant Professor of Economics

## EDUCATION

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### Columbia University

Ph.D., Sustainable Development

(Expected) 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

2014

Honors thesis - *Violence in Mexico: Drug-related crimes, income effects and consumption adaptation*

## RESEARCH

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### Published Work

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.

Benschaul-Tolonen A, Aguilar-Gomez S, Heller Batzer N, Cai R, Nyanza EC (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

### Working Papers

*Biological, material and socio-cultural constraints to effective menstrual hygiene management among secondary school students in Tanzania* with Dani Stoilova, Rebecca Cai, Naomi Heller Batzer, Elias Charles Nyanza and Anja Benschaul-Tolonen. *Under Review*

*Inside the black box of child penalties* with Eva Arceo-Gomez and Elia de la Cruz Toledo. *Under Review*

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

*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

*The Evolution and Persistence of Women's Roles: Evidence from the Gold Rush* with Anja Benschaul-Tolonen

## **Selected work in progress**

*Extreme temperatures and loan defaults: Evidence from bank-firm level data in Mexico* with Emilio Gutierrez, David Heres, David Jaume and Martn Tobal

*Measurement error in labor surveys* with Carlo Alcaraz and Javier Cano

*Giving birth under the weather: extreme temperatures and health care provision*

## **REFEREE SERVICE**

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Journal of Development Economics

Economía, journal of the Latin American and Caribbean Economic Association (LACEA)

Revista Desarrollo y Sociedad

## **TEACHING**

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### **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 Tecnológico Autónomo de México (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>

## PREVIOUS ACADEMIC POSITIONS

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Bank of Mexico - Economic Research Division (DGIE) Summer Research Fellow	<i>July 2019 - Sep 2019</i>
Columbia University - International Affairs Research Assistant for Prof. Jan Svejnar	<i>May 2018 - Dec 2019</i>
Barnard College - Economics Department Research assistant for Prof. Anja Tolonen	<i>May 2017 - Mar 2018</i>
Mount Sinai Icahn School of Medicine - Arnhold Institute of Global Health Data Science Division. Summer Research Fellow	<i>May 2019 - Jan 2018</i>
Central Bank of Mexico Economic Research Division. Economist.	<i>Mar 2014 - Jul 2016</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 Prez (ITAM, undergraduate, 2021)	
Refereed theses: Karla Doig (ITAM, graduate, 2019), Maria Jos Cota (CIDE, undergraduate, 2021)	

## MEMBERSHIP

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American Economic Association, Association of Environmental and Resource Economists, Latin American Association of Environmental and Resource Economists

## INVITED CONFERENCES AND PRESENTATIONS

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### 2021

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)

### 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)