



## David Gonzalez

- Ph.D. Student in Environment and Resources
- Graduate Student Support - SGSI, Vice Provost for Graduate Education

### Bio

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#### BIO

I'm a doctoral candidate in the Emmett Interdisciplinary Program in Environment and Resources specializing in environmental health sciences. I study how pollution from extractive industries affects reproductive health and contributes to health disparities. I apply interdisciplinary methods from epidemiology, econometrics, and decision science, and conduct field work and population-level studies in California and Peru. My work is supported by the Stanford Graduate Fellowship, the DARE Doctoral Fellowship, and the Ford Foundation Predoctoral Fellowship.

#### HONORS AND AWARDS

- Diversifying Academia, Recruiting Excellence (DARE) Doctoral Fellowship, Stanford University (2019)
- Ford Foundation Predoctoral Fellowship, The National Academies of Sciences, Engineering, and Medicine (2016)
- Stanford Graduate Fellowship in Science & Engineering, Stanford University (2016)
- Enhancing Diversity in Graduate Education (EDGE) Doctoral Fellowship, Stanford University (2016)
- Fox International Fellowship, Yale University and El Colegio de México (2015)

#### EDUCATION AND CERTIFICATIONS

- MS, Stanford University , Epidemiology and Clinical Research, Global Health Concentration (2018)
- MEd, Yale University , Environmental Science, Global Health Concentration (2015)
- BS, University of California at Davis , Evolution and Ecology, with Honors (2011)

#### STANFORD ADVISORS

- Marshall Burke, Doctoral (Program)

#### SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Graduate Public Service Fellow (September 2017 - June 2018)
- Volunteer Tutor (January 2017)
- Co-Coordinator, Frosh Scholars Program (September 2017)

#### LINKS

- davidjxgonzalez.me: <http://www.davidjxgonzalez.me/>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

David is a doctoral candidate at Stanford University in environmental health sciences. He studies how pollution from extractive industries affects reproductive health and contributes to health disparities.

## Teaching

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### COURSES

#### 2019-20

- Building a Successful Academic Career: UAR 56 (Aut, Win)
- Shades of Green: Redesigning and Rethinking the Environmental Justice Movements: CSRE 125E, EARTHSYS 125, EARTHSYS 225, URBANST 125 (Win)

#### 2018-19

- Building a Successful Academic Career: UAR 56 (Aut, Win)
- Shades of Green: Redesigning and Rethinking the Environmental Justice Movements: CSRE 125E, EARTHSYS 125, EARTHSYS 225, URBANST 125 (Win)

#### 2017-18

- Building a Successful Academic Career: UAR 56 (Aut, Win)

## Publications

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### PUBLICATIONS

- **Mercury exposure, risk factors, and perceptions among women of childbearing age in an artisanal gold mining region of the Peruvian Amazon.** *Environmental research*  
Gonzalez, D. J., Arain, A., Fernandez, L. E.  
2019; 179 (Pt A): 108786
- **Mineralization ratios of nitrogen and phosphorus from decomposing litter in temperate versus tropical forests** *GLOBAL ECOLOGY AND BIOGEOGRAPHY*  
Marklein, A. R., Winbourne, J. B., Enders, S. K., Gonzalez, D. J., van Huysen, T. L., Izquierdo, J. E., Light, D. R., Liptzin, D., Miller, K. E., Morford, S. L., Norton, R. A., Houlton, B. Z.  
2016; 25 (3): 335-346
- **Indirect effects of global change accumulate to alter plant diversity but not ecosystem function in alpine tundra** *JOURNAL OF ECOLOGY*  
Farrer, E. C., Ashton, I. W., Spasojevic, M. J., Fu, S., Gonzalez, D. J., Suding, K. N.  
2015; 103 (2): 351-360