

Hardika Dayalani

Doctoral Candidate & Assistant Policy Researcher

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Pardee RAND Graduate School,

1776 Main St

Santa Monica, CA, 90401

I have a background in field research and program implementation focused on sustainable building technologies, inclusive housing policy, and IDP rehabilitation. My research interests include informal labor force, cyclical internal migration, and the role of climate change, smart technologies, and exogenous shocks in shaping urban environments of the future.

EDUCATION

Ph.D. Policy Analysis

Pardee RAND Graduate School

Expected Jun 2023

Santa Monica, CA, USA

Master of Public Administration

University of Pennsylvania

May 2018

Philadelphia, PA, USA

- Capstone Project: Analyzed demographic trends to support strategic planning for an inner-city, independent school in Philadelphia.
- Awarded partial tuition scholarship and Public Service and Leadership fellowship.

Young India Fellowship

May 2013

New Delhi, India

B. Tech (Hons) Ocean Engineering and Naval Architecture

Indian Institute of Technology Kharagpur

June 2010

Kharagpur, India

- Thesis: Modeled downstream wake closure of fully ventilated wakes in fast ships with transom sterns.
- Awarded Suhasini Devi Memorial Award

WORK EXPERIENCE

Adjunct Faculty

Seaver College, Pepperdine University

Aug 2020-Present

Malibu, CA

- Taught Quantitative Analysis, and Operations Management to undergraduates majoring in Business Administration.

Graduate Teaching Assistant

Pardee RAND Graduate School

Sep 2019-Dec 2020

Santa Monica, CA

- Assisted teaching Mathematics for Policy Analysis, and R Programming for Scientific Analysis

Graduate Research Assistant

Fels Institute of Government

Jan 2018-May 2018

Philadelphia, PA

- Created framework to visualize neighborhood change in Philadelphia based on census data, using R Programming
- Mapped census tract data to neighborhood boundaries

Intern**ACEs Connection Network****Aug 2017-Dec 2017****Philadelphia, PA**

- Built interactive data visualizations for their website to support their advocacy work using R Programming

Intern**SocialCops****May 2017-Jul 2017****New Delhi, India**

- Worked with the social enterprise to develop a series of MOOCs to improve project monitoring and data quality for client nonprofits.

Program Coordinator**Hunnarshala Foundation for Building Technology and Innovations****Sep 2013-Aug2016****Bhuj, India**

- Implemented a rehabilitation program costing €457,000 (~ \$525,000) for minority communities displaced by violence in Uttar Pradesh, India
- Compiled compendia of appropriate, affordable, and sustainable building technologies for poor households in rural Gujarat and Jharkhand states for UNDP and Ministry of Rural Development, Govt. of India

Naval Architect**Corporated Shipyard Pvt. Ltd.****Jul 2010-May 2012****Kolkata, India**

- Designed 7 commercial and auxiliary naval vessels

PUBLICATIONS**RAND Reports:**

- *“Data Privacy During Pandemics - A Scorecard Approach for Evaluating the Privacy Implications of COVID-19 Mobile Phone Surveillance Programs”*, Jul 2020

Conference Proceedings:

- *“Side Launching of Catamaran in Restricted Waters”*, International Conference on Ship and Offshore Technology (2011)

Articles:

- *“The Why and How of Data-Driven Impact Management”*, Re:CAP (Nov 2017)
- *“Imposing External Ideas on Communities in the Name of Development Is the Opposite of Empowerment”*, Re:CAP (Oct 2016)

TECHNICAL SKILLS

- R, Python, Pyspark, STATA, Matlab, Autocad
- Languages: Hindi, Gujarati, Marwari, Bengali

PROFESSIONAL SERVICE

- Organizing Member (2019- 2020) at International Development Speaker Series, a student organization at Pardee RAND Graduate School
- Chair (2017-18) and Deputy Finance Chair (2016-17) for Students Confronting Racism and White Privilege, a student organization at University of Pennsylvania

- IDEAL Council Member (2017-18) at Graduate and Professional Student Assembly at University of Pennsylvania
- Finance Chair (2017) for Fels Students' Association, a student government body at University of Pennsylvania
- Board Member (2016-18) for Office of Learning Resources Student Advisory Board at University of Pennsylvania