

# PAUL NOVOSAD

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github.com/devdatalab

## Professional Positions

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Associate Professor   Dartmouth College	2020–
Assistant Professor   Dartmouth College	2013–2020
Founder   Development Data Lab	2019–

## Education

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PhD in Political Economy and Government, Harvard University	2013
MPA International Development, Harvard University	2004
BA English, University of Calgary	1999

## Publications / In Press

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1. Sam Asher, **Paul Novosad**, and Charlie Rafkin, “Intergenerational Mobility in India: New Measures and Estimates Across Time, Space, and Communities,” *AEJ: Applied* 16:2 (2024).
2. Sam Asher, **Paul Novosad**, “Rent-Seeking and Criminal Politicians: Evidence from Mining Booms,” *Review of Economics and Statistics* 105: 1 (2023).
3. Prabhat Jha, Yashwant Deshmukh, Chinmay Tumbe, Wilson Suraweera, Aditi Bhowmick, Sankalp Sharma, **Paul Novosad**, Sze Hang Fu, Leslie Newcombe, Hellen Gelband, and Patrick Brown, “COVID mortality in India: National survey data and health facility deaths,” *Science* 10.1126/science.abm5154 (2022).
4. **Paul Novosad**, Charlie Rafkin, and Sam Asher, “Mortality Change Among Less Educated Americans,” *AEJ: Applied* 14:4 (2022).
5. Aarushi Kalra and **Paul Novosad**, “Impacts of regional lockdown policies on COVID-19 transmission in India in 2020,” *Economics and Politics Weekly* 57:14 (2022).
6. Sam Asher, Aditi Bhowmick, Alison Champion, Tobias Lunt, **Paul Novosad**, “Big, Open Data for Development: A Vision for India,” *India Policy Forum* (2021, not peer reviewed).
7. Sam Asher, Toby Lunt, Ryu Matsuura, **Paul Novosad**, “Development Research at High Geographic Resolution: An Analysis of Night Lights, Firms, and Poverty in India using the SHRUG Open Data Platform,” *World Bank Economic Review* 35:4 (2021).
8. Rebecca Cai, **Paul Novosad**, Vaidehi Tandel, Sam Asher, and Anup Malani, “Representative Estimates of COVID-19 Infection Fatality Rates from Four Locations in India,” *BMJ Open* 9:1 (2021).
9. Sam Asher, **Paul Novosad**, “Rural Roads and Local Economic Development,” *American Economic Review* 110:3 (2020).
10. Anjali Adukia, Sam Asher, and **Paul Novosad**, “Educational Investment Responses to Economic Opportunity: Evidence from Indian Road Construction,” *AEJ: Applied* 12:1 (2020).
11. Sam Asher, Teevrat Garg, and **Paul Novosad**, “The Ecological Footprint of Transportation Infrastructure,” *Economic Journal* 130:629 (2020).
12. **Paul Novosad**, Radhika Jain, Alison Champion, and Sam Asher, “COVID-19 mortality effects of underlying health conditions in India: a modelling study,” *BMJ Open* 10:e043165 (2020).
13. **Paul Novosad** and Eric Werker, “Who Runs the International System? Nationality and Leadership in the United Nations Secretariat,” *The Review of International Organizations* 14:1 (2019).
14. Sam Asher and **Paul Novosad**, “Politics and Local Economic Growth: Evidence from India,” *AEJ: Applied* 9:1 (2017).

## Work in Progress

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1. Sam Asher ® Kritarth Jha ® **Paul Novosad** ® Anjali Adukia ® Brandon Tan, “Residential Segregation and Unequal Access to Local Public Services in India: Evidence from 1.2m Neighborhoods,” Revision requested at *American Economic Review*.
2. Elliott Ash, Sam Asher, Aditi Bhowmick, Sandeep Bhupatiraju, Daniel Chen, Tanaya Devi, Christoph Goessman, **Paul Novosad**, and Bilal Siddiqi, “In-group bias in the Indian judiciary: Evidence from 5 million criminal cases,” 2nd revision requested at *Review of Economics and Statistics*.
3. Sam Asher, Alison Champion, Doug Gollin, and **Paul Novosad**, “The Long-run Development Impacts of Agricultural Productivity Gains: Evidence from Irrigation Canals in India,” Working paper.
4. Sam Asher, Aditi Bhowmick, Maurizio Bussolo, and **Paul Novosad**, “Cultural capital and access to opportunity: Evidence from subcaste norms in India,” Working paper.
5. Sam Asher, Eni Iljazi, Catriona Farquharson, and **Paul Novosad**, “Access to Opportunity in the Sciences: Evidence from the Nobel Laureates,” Working paper.
6. Sam Asher and **Paul Novosad**, “Intergenerational Mobility Across South Asia,” Working paper.

## On Hold or Retired

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1. Sam Asher and **Paul Novosad**, “Digging for Development: Economic Impacts of Mining Booms,” Working paper.
2. Anup Malani, **Paul Novosad**, et al., “Adaptive Control of COVID-19 Outbreaks in India: Local, Gradual, and Trigger-based Exit Paths from Lockdown,” Working paper.
3. Sam Asher and **Paul Novosad**, “The Impacts of Local Control over Political Institutions: Evidence from State Splitting in India,” Working paper.
4. Sam Asher, Karan Nagpal and **Paul Novosad**, “The Cost of Distance: Geography and Governance in Rural India,” Working paper.
5. Denis Nekipelov, **Paul Novosad**, and Stephen P. Ryan, “Moment Forests,” NBER Working Paper No. 22976.
6. Sam Asher, **Paul Novosad** and Charlie Rafkin, “Getting Signal from Interval Data: Theory and Applications to Mortality and Intergenerational Mobility,” Working paper.

## Papers from Past Lives

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1. Leyenaar, J., **Novosad P.**, Ferrer K., Thahane, L., Mohapi E., Schutze G., Kline M.. “Early Clinical Outcomes in Children Enrolled in HIV Infection, Care and Treatment in Lesotho,” *The Pediatric Infectious Diseases Journal*, Vol. 29:4.
2. Hoang Lan Anh, Castella J.C., **Novosad P.** “Social networks and information access: Implications for agricultural extension in a rice farming community in northern Vietnam.” *Agriculture and Human Values: Journal of the Agriculture, Food and Human Values Society*, Vol. 23:4.
3. Castella J.C., Boissau S., Nguyen Hai Thanh, **Novosad P.** “Impact of forestland allocation on land use in a mountainous province of Vietnam,” *Land Use Policy* 23.
4. Castella J.C., Gevraise V., **Novosad P.** “Centralized planning and economic reforms in a mountain region of Vietnam,” *Journal of Contemporary Asia*, Vol. 35:2.

## Awards and Research Funding

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2022–24 India-Swiss Joint Research Program Grant: Big Data for Justice in India

2021–23 Dartmouth Innovation and Advancement Award: Gender Inequality and Social Norms

2021–23 World Bank: Intergenerational Mobility in South Asia

2021–23 STEG Large Research Grant: Structural Transformation and Gender Norms in the Long Run

2020 PEDL Exploratory Research Grant: Economic Impact of Mining Booms

2020–21 Omidyar Foundation: Data Platform Support for the Government of India

2019–21 World Bank Agriculture Global Practice: Long-Run Impacts of Canals

2019–21 Emergent Ventures: A Scalable Socioeconomic Data Platform for India

2016-18 IGC Central: Rapid Urbanization, Rural-to-Urban Migration and Rural Development

2015-17 IGC Tanzania: The Cost of Rural Road Construction in Tanzania

2015-17 IGC Central: Impacts of Rural Roads in India

2014-16 IZA/DFID Growth and Labour Markets in Low Income Countries: Urban Geography of Entrepreneurship and Growth

2013-15 Private Enterprise in Low-Income Countries, Centre for European Policy Research: Urban Geography of Entrepreneurship

2011 Merit Fellowship, Graduate School of Arts and Sciences, Harvard

2009-11 Warburg Fund Award, Department of Economics, Harvard

## Predoctoral Experience

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2007-08 Expert Group on Advanced Market Commitments, Analyst

2005-07 Government of Lesotho Ministry of Finance, Economic Advisor

2005-07 Baylor College of Medicine (Lesotho), Medical Software Developer

2004-05 Environment Canada, Policy Analyst

2001-02 International Rice Research Institute (Vietnam), Research Assistant

2000-01 Codefast.com Software Research Corporation, Software Engineer