

# Atul Pokharel - Curriculum Vitae

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## Contact Information

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## Education

09/2021 - Current	<b>Yale University</b> , New Haven, CT Ph.D. in Computer Science. Advisors: Avi Siblerschatz and Robert Soulé
09/2008 - 05/2014	<b>Massachusetts Institute of Technology</b> , Cambridge, MA Ph.D. in Urban Studies and Planning. Advisors: Bishwapriya Sanyal, Richard Locke, Amartya Sen Thesis: <i>Towards a Theory of Sustained Cooperation.</i>
09/1999 - 05/2005	<b>Princeton University</b> , Princeton, NJ B.A. in Mathematics (major), Applied and Computational Mathematics (minor)

## Employment History

08/2017 - 08/2023	<b>New York University</b> , Robert F. Wagner Graduate School of Public Service, New York, NY Assistant Professor of Urban Planning
06/2014 - 18/2017	<b>Brown University</b> , Watson Institute for International and Public Affairs, Providence, RI Postdoctoral Fellow
07/2006 - 06/2008	<b>The World Bank</b> , New Delhi, India Consultant
03/2006 - 07/2006	<b>Harvard University</b> , Cambridge, MA Research Assistant (part-time)
01/2006 - 07/2006	<b>Massachusetts Institute of Technology</b> , Cambridge, MA Research Assistant (part-time)
07/2005 - 12/2005	<b>American Institute of Mathematics</b> , Palo Alto, CA Researcher
07/2004 - 09/2004	<b>University of Waterloo</b> , Department of Mathematics, Waterloo, ON, Canada. Researcher
08/2003 - 05/2004	<b>Princeton University</b> , Department of Mathematics, Princeton, NJ Research Assistant for Prof. John F. Nash Jr.

## Awards & Honors

### Awards and Fellowships

2012	MIT Energy Initiative Martin Fellowship
2012	MIT Department of Political Science Dean's Fund
2011	Horwitz Prize, School of Architecture and Planning, MIT
2011	Nominated for Goodwin Teaching Medal for excellence in teaching, MIT
2008	MIT Presidential Fellowship

## Research

### Research Interests:

Networking, distributed systems, databases, operating systems, cooperation

### Languages

C, Golang, Rust, P4, STATA, R

### Grants

1. “Fairness and the maintenance of critical digital infrastructure”. Ford-Sloan Foundation Grant for the study of critical digital infrastructure. 01/2021-12/2021. \$50,000 USD.

## Publications

### Books

1. Atul Pokharel. *Beyond Collective Action Problems: Perceived Fairness and Sustained Cooperation in Farmer Managed Irrigation Systems in Nepal*. Oxford University Press, 2024

### Journal Articles

2. Dan Milz, Atul Pokharel and Curt Gervich. Facilitating Online Participatory Planning During the COVID-19 Pandemic In *Journal of the American Planning Association (JAPA)*, 2023.
3. Atul Pokharel, Dan Milz, and Curt Gervich. Planning for Dissent In *Journal of the American Planning Association (JAPA)*, 2022.
4. Atul Pokharel Planning Theory Education: A Forty-Year Review. In *Journal of Planning Education and Research (JPER)*, 2022.
5. Atul Pokharel, Robert Soulé, and Avi Silberschatz. A Case for Location-based Contact Tracing. In *Health Care Management Science Special Issue on COVID-19 (HCMS)*, June 2021. Acceptance rate: 12% (12 / 100)
6. Atul Pokharel, J.B. Conrey, M.O. Rubinstein and M. Watkins Secondary terms in the number of vanishings of quadratic twists of elliptic curve L-functions In *Ranks of Elliptic Curves and Random Matrix Theory*, 2007.