

# Santosh Kumar

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Keough School of Global Affairs  
University of Notre Dame  
Notre Dame, Indiana, USA

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**Email:** skumar23@nd.edu

**Research interests** Development Economics, Global Health Economics, Child Health, Applied Microeconomics, Public Policy

**Current Employment** Associate Professor, Keough School of Global Affairs July 2022 –  
University of Notre Dame

**Current Affiliation** Lucy Family Institute for Data & Society), U. of Notre Dame 2023 –  
Kellogg Institute for International Studies, U. of Notre Dame 2023 –  
Liu Institute for Asia & Asian Studies, U. of Notre Dame 2023 –  
Eck Institute of Global Health, U. of Notre Dame 2022 –  
Notre Dame Environmental Change Initiatives 2022 –  
Institute for the Study of Labor (IZA), Germany 2020 –  
Global Labor Organization, Germany 2017 –

**Previous Employment** Associate Professor 2017–2022  
Dept of Economics and International Business  
Sam Houston State University, Huntsville, Texas  
Assistant Professor 2013–2017  
Dept of Economics and International Business  
Sam Houston State University, Huntsville, Texas  
Lecturer of Global Health Economics 2011–2013  
IHME, School of Public Health  
University of Washington, Seattle, WA  
David Bell Postdoctoral Research Fellow 2009–2011  
Harvard Center for Population and Development Studies  
Harvard University, Cambridge, MA

**Education** PhD in Economics 2009  
University of Houston, Houston Texas  
MA in Economics 2006  
University of Houston, Houston Texas  
MA in Economics 2002  
Delhi School of Economics, Delhi, India

**Editorial** Section Editor (Health Economics), 2022 –

<b>Appointment</b>	Journal of Health, Population and Nutrition	
	Assistant Editor, Oxford Open Economics	2022 –
	Assistant Editor, Journal of Economic Insight	2022 –
	Academic Editor, PLOS ONE	2021 –
	Academic Editor, PLOS Global Public Health	2021 –

- Publications**
29. **Kumar, Santosh** and Nahlen, Bernard. 2023. "Intergenerational Persistence of Health: Evidence from India", (*Forthcoming, Economics Letters*)
  28. **Kumar S.**, Gundi M., Atre S., Ngoc L.B., Nguyen T.T, and Rammohan, A. 2023. "Alcohol consumption among adults in Vietnam: Prevalence, patterns, and its determinants", *Journal of Substance Use*, 28(1): 57-65.
  27. Kumar K., **Kumar S.**, Laxminarayan R., Nandi, A. 2022. "Birth Weight and Cognitive Development: Evidence from India", *Economic Papers: A Journal of applied economics and policy*, 41(2):155-175.
  26. Krämer M., **Kumar S.**, Vollmer S. 2021. "Improving Child Health and Cognition: Evidence from a School-Based Nutrition Intervention in India", *The Review of Economics and Statistics*, 103 (5): 818–834.
  25. Krämer M., **Kumar, S.**, Vollmer S. 2021. "Anemia, diet, and cognitive development: Impact of health information on diet quality and child nutrition in rural India", *Journal of Economic Behavior & Organization*, 190, 495-523.
  24. **Kumar, Santosh** and Gonzalez, Fidel. 2020. "The Quantile effects of prenatal care on birth weight in Mexico", *Economics Bulletin*, 40(2):1498-1507.
  23. Nandi A., **Kumar S.**, Shet A., Bloom D., Laxminarayan R. 2020. "Childhood Vaccinations and Adult Schooling Attainment: Long-Term Evidence from India's Universal Immunisation Programme", *Social Science & Medicine*, Volume 250, 112885.
  22. Kumar K., **Kumar S.**, Singh A, Ram F, Singh A. 2019. "Heterogeneity in the effect of mid-childhood height and weight gain on human capital at age 14-15 years: Evidence from Ethiopia, India, Peru, and Vietnam", *PLoS ONE*, 14(2): e0212783.
  21. Gonzalez, Fidel and **Kumar, Santosh**. 2018. "Effects of health insurance on birth weight in Mexico", *Health Economics*, 27(8):1149-1159.
  20. **Kumar, Santosh** and Rauniyar, Ganesh. 2018. "The impact of rural electrification on income and education: Evidence from Bhutan", *Review of Development Economics*, 22(3):1146-1165.
  19. Gonzalez, Fidel and **Kumar, Santosh**. 2018. "Prenatal Care and Birth-weight in Mexico", *Applied Economics*, 50(10):1156-1170.

18. Kumar K., **Kumar S.**, Singh A.K. 2018. "Prevalence and socio-demographic correlates of alcohol consumption: survey findings from five states in India", *Drug and Alcohol Dependence*, Volume 185, Pages 381-390.
17. **Kumar, Santosh** and Prakash, Nishith. 2017. "Effect of Political Decentralization and Female Leadership on Institutional Births and Child Mortality in Rural Bihar, India", *Social Science & Medicine*, 185:171-178.
16. Kugler, Adriana and **Kumar, Santosh**. 2017. "Preference for Boys, Family Size, and Educational Attainment in India", *Demography*, 54(3):835-859.
15. **Kumar, Santosh**. 2017. "Price Elasticity of Alcohol Demand in India", *Alcohol and Alcoholism*, 52(3):390-395.
14. **Kumar, Santosh**. 2016. "The Effect of Birth Order on Schooling in India", *Applied Economics Letters*, 23(18):1325-1328.
13. **Kumar Santosh**, Molitor Ramona and Vollmer Sebastian. 2016. "Drought and Early Child Health in Rural India", *Population and Development Review*, 42(1):53-68.
12. Dansereau E., Masiye F., Gakidou E., Masters S., Burstein R., **Kumar S.**. 2015. "Patient satisfaction and perceived quality of care: evidence from a cross-sectional national exit survey of HIV and non-HIV service users in Zambia", *BMJ Open*, 5:12 e009700.
11. Kumar K., Singh A., **Kumar S.**, Ram F., Singh A., Ram U., Negin J., Kowal P.R. 2015. "Socio-Economic Differentials in Impoverishment Effects of Out-of-Pocket Health Expenditure in China and India: Evidence from WHO SAGE", *PLoS ONE*, 10(8): e0135051.
10. **Kumar, Santosh** and Berkman, Lisa. 2015. "Association of Iodized Salt Usage with Malnutrition among Young Children in India" *Asia-Pacific Journal of Public Health*, 27(2) 185-194.
9. Masters, S. et al.; **Kumar, Santosh**. 2014. "Pharmaceutical Availability across Levels of Care: Evidence from Facility Surveys in Ghana, Kenya, and Uganda", *PLoS ONE*, 9(12): e114762.
8. **Kumar Santosh**, Dansereau Emily, Murray Chris JL. 2014. "Does Distance matter for Institutional Delivery in Rural India?", *Applied Economics*, 46:33, 4091-4103.
7. **Kumar, Santosh** and Dansereau, Emily. 2014. "Supply-Side Barriers to Providing Delivery Care in India: A Facility-Based Analysis" *PLoS ONE*, 9(8): e103927.
6. **Kumar, Santosh** and Prakash, Nishith. 2013. "Impact of the Village Health and Sanitation Committee on Health-care Utilisation: Findings from Propensity Score Matching in India", *The Lancet*, Vol. 381, pp. S77 (GHME conference abstract).

5. Masters SH, Burstein R, Amofahb G, Abaogye P, **Kumar S**, Hanlon M. 2013. "Travel Time to Maternity Care and its Effect on Utilization in Rural Ghana: A Multilevel Analysis", *Social Science & Medicine*, 94:147-154.
4. **Kumar, Santosh** and Vollmer, Sebastian. 2013. "Does Access to Improved Sanitation reduce Childhood Diarrhea in Rural India?", *Health Economics*, 22(4).
3. **Kumar S**, Calvo R, Avendano M, Sivaramakrishnan K, and Berkman L. 2012. "Social Support, Volunteering and Health around the World: Cross-National Evidence from 139 Countries," *Social Science & Medicine*, 74(5):696-706.
2. Anekwe, Tobenna. and **Kumar, Santosh**. 2012. "The Effect of a Vaccination Program on Child Anthropometry: Evidence from India's Universal Immunization Program", *Journal of Public Health*, 34(4):489-497.
1. Calvo R, Zheng Y, **Kumar S**, Olgiati A, Berkman L. (2012) "Well-being and Social Capital on Planet Earth: Cross-National Evidence from 142 Countries," *PLoS ONE*, 7(8).

**Revision Requested**

30. Grafenstein L., Kumar A., Kumar S., Vollmer S. 2023. "Iron-fortified school lunch at work: medium-run impacts of a school nutrition intervention in India", *Oxford Bulletin of Economics and Statistics*.

**Working Papers**

31. "In-utero exposure to extreme temperature and birth outcomes in Mexico", (with Francois Cohen and Fidel Gonzalez).
32. "Childhood Immunization, Mortality, and Human Capital Accumulation: Micro- evidence from India".
33. "Child Mortality Risk and Fertility Behavior: Evidence from India's Universal Immunization Program".
34. "Does Consuming More Calories Make You Earn More? Nutrition-Productivity Link Revisited in India", (with Kaushalendra Kumar, Ashish Singh, Faujdar Ram, Abhishek Singh).

**Work-in-Progress**

35. "Inclusive Growth through Microfinance and Entrepreneurial Training: New Evidence from a Randomized Evaluation", with Aimee Chin and Dean Karlan.
36. "Building Road to Development in Albania: Difference-in-Differences Matching Evidence."
37. "Improving Health through Electrification? Evidence from Rural Bhutan", with Ganesh Rauniyar (Asian Development Bank)
38. "Connectivity and Rural Development: Examining India's Rural Road Building Scheme", with Abhijit Banerjee (MIT) and Rohini Pande (Yale)

<b>Policy write-up</b>	<ol style="list-style-type: none"> <li>10. "Giving a Boost to School Lunches in India", (2022), <i>Think Global Health</i>, 26th October.</li> <li>9. "Double-fortified salt and anaemia among schoolchildren in India", (2022), with Marion Krämer and Sebastian Vollmer, <i>VoxDev</i>, 29th April.</li> <li>8. "How birth weight affects test scores during midchildhood years", (2020), with Utkarsh Singh, <i>Ideas for India</i>, 18th August.</li> <li>7. "Can double-fortified salt in school mid-day meals help reduce anaemia?", (2018), with Marion Krämer and Sebastian Vollmer, <i>Ideas for India</i>, 27 June.</li> <li>6. "Political decentralisation, female leadership, and health in rural Bihar", (2017), with Nishith Prakash, <i>Ideas for India</i>, 23 August.</li> <li>5. "The less the merrier? Family size and education in India", (2016), with Adriana Kugler, <i>Ideas for India</i>, 1 April.</li> <li>4. "The fewer the merrier: Family size and education in India", (2016), with Adriana Kugler, <i>VoxEU</i>, 20 March.</li> <li>3. "Droughts and child health", (2015), with Ramona Molitor and Sebastian Vollmer, <i>Ideas for India</i>, 27 January.</li> <li>2. Institute for Health Metrics and Evaluation (IHME) (2015) Health Service Provision in Ghana: Assessing Facility Capacity and Costs of Care. Seattle, WA, USA.</li> <li>1. "Distance and institutional deliveries in rural India", (2013), with Emily Dansereau and Chris Murray, <i>Ideas for India</i>, 19 April.</li> </ol>														
<b>Consulting</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Steering Group Member, ICAP, Washington, D.C.</td> <td style="text-align: right;">2014-Present</td> </tr> <tr> <td>Research Affiliate, Courant Research Centre, "Poverty, Equity, and Growth in Developing Countries", Georg-August-Universität Göttingen, Germany</td> <td style="text-align: right;">2012-current</td> </tr> <tr> <td>Research Affiliate, Center for Studies in Demography and Ecology (CSDE), University of Washington, Seattle</td> <td style="text-align: right;">2012-2013,</td> </tr> <tr> <td>Faculty Affiliate, Program on Health Economics and Outcomes Methodology (PHEoNM), University of Washington, Seattle</td> <td></td> </tr> <tr> <td>Consultant, Albanian Development Fund, Tirana, Albania</td> <td style="text-align: right;">2011-14</td> </tr> <tr> <td>Consultant, IED, Asian Development Bank (ADB), Manila</td> <td style="text-align: right;">2009-2010</td> </tr> <tr> <td>Research Associate, NCAER, Delhi</td> <td style="text-align: right;">2002-2004</td> </tr> </table>	Steering Group Member, ICAP, Washington, D.C.	2014-Present	Research Affiliate, Courant Research Centre, "Poverty, Equity, and Growth in Developing Countries", Georg-August-Universität Göttingen, Germany	2012-current	Research Affiliate, Center for Studies in Demography and Ecology (CSDE), University of Washington, Seattle	2012-2013,	Faculty Affiliate, Program on Health Economics and Outcomes Methodology (PHEoNM), University of Washington, Seattle		Consultant, Albanian Development Fund, Tirana, Albania	2011-14	Consultant, IED, Asian Development Bank (ADB), Manila	2009-2010	Research Associate, NCAER, Delhi	2002-2004
Steering Group Member, ICAP, Washington, D.C.	2014-Present														
Research Affiliate, Courant Research Centre, "Poverty, Equity, and Growth in Developing Countries", Georg-August-Universität Göttingen, Germany	2012-current														
Research Affiliate, Center for Studies in Demography and Ecology (CSDE), University of Washington, Seattle	2012-2013,														
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Consultant, Albanian Development Fund, Tirana, Albania	2011-14														
Consultant, IED, Asian Development Bank (ADB), Manila	2009-2010														
Research Associate, NCAER, Delhi	2002-2004														
<b>Teaching</b>	<p><i>Graduate</i>–Economic Growth and Development, Global Health Economics &amp; Policy, Health and Development, Advanced Health Economics, Economic Environments of Firm</p> <p><i>Undergraduate</i>–Introduction to Economics, Principles of Microeconomics, Managerial Economics, Health Economics, Economic Development</p>														
<b>Conference</b>	2023: ASSA/AEA meeting (New Orleans)														

**Presentation & Invited Seminars**     *2022:* NBER Summer Institute Children (participant); NEUDC (Yale), Southern Economic Association Meeting (Ft. Lauderdale)

*2021:* University of Notre Dame; NBER Summer Institute Children (participant); Southern Economic Association Meeting (virtual)

*2020:* Southern Economic Association Meeting (virtual)

*2019:* ASSA/AEA meeting (Atlanta); Australian Development Economic Workshop (ADEW), Perth; IAAE Annual Conference, Nicosia, Cyprus; South Asian University, Delhi; Indian Institute of Management, Ahmedabad.

*2018:* The Annual Development Economics and Policy Conference, Zurich; 4th APA conference, Shanghai; North East Universities Development Consortium Conference (Cornell); International Atlantic Economic Conference (New York); 14th Annual Conference on Economic Growth and Development (New Delhi).

*2017:* Eastern Economic Association Annual Meeting, New York; International Economic Association Meeting, Mexico City; Southern Economic Association Conference, Tampa, Florida.

*2016:* 5th IHEPA Conference, Kolkata (India); Southern Economic Association Annual Meetings, Washington D.C.; University of Connecticut; 39th Annual RSA Scientific Meeting, New Orleans; UNU-WIDER Conference on Human Capital and Development, Helsinki; 42nd KBS Meeting, Stockholm; Society of Labor Economics (SOLE), Seattle; PAA, Washington D.C; University of Colorado, Colorado Springs.

*2015:* Missouri Valley Economic Association (MVEA), Kansas City; Nalanda University; Population Association of America-Poster, San Diego; International Association of Applied Econometrics, Thessaloniki, Greece.

*2014:* Winter School, Delhi School of Economics; 16th IZA/CEPR European Summer Symposium in Labour Economics (ESSLE), Buch/Ammersee, Germany; Cege, Georg-August-Universität Göttingen, Germany; 9th IZA/World Bank Conference on Employment & Development, Lima; International Conference on “Poverty, Equity, and Growth in Developing and Transition Countries, Göttingen; Pacific Conference for Development Economics (PacDev), UC-Berkeley.

*2013:* Annual Conference on Economic Growth & Development (ACEGD), New Delhi; International Health Economics Association (iHEA), Sydney; Poster-Population Association of America (PAA), New Orleans; Poster-Consortium of Universities for Global Health (CUGH), Washington D.C; Sam Houston State University.

*2012:* Indian Health Economics and Policy Association (IHEPA), Bangalore; University of Washington (PHEoNM Seminar), Seattle; Nanyang Technological University (NTU), Singapore; American Society of Health Economists Conference (Poster, Discussant, Chair), Minneapolis; Georg-August-Universität Göttingen, Germany; Asian Development Bank, Manila.

2011: Global Health Conference, Montreal (Poster); Bihar Growth Week, Patna, India; IGC Growth Week, London School of Economics (LSE); Tufts University.

2010: University of Washington, Seattle; Georg-August-Universität Goettingen, Germany.

2009: Harvard Center of Population and Development Studies; North Eastern Universities Development Consortium (NEUDC), Boston; North American Summer Econometric Society Meeting, Boston; Midwest Economics Association Annual Meeting, Cleveland; Universidad Iberoamericana, Mexico City, Mexico; University of Essex, Colchester, UK; 8th Annual Missouri Economics Conference, Columbia, MO; XIIIth Texas Econometrics Camp, Kerrville, TX.

## **Honors**

2023: Liu Institute for Asia and Asian Studies Research Grant (\$3,000)

2022: Excellence in scholarly and creative accomplishments award (\$5,000, Medal)

## **and Awards**

2021: Individual Scholarship Program, ORSP, Sam Houston State U. (\$4,500)

2020: Individual Scholarship Program, ORSP, Sam Houston State U. (\$4,000)

2018: COBA Summer Research Grant, Sam Houston State U. (\$8,000)

2017: EURECA-FAST grant, Sam Houston State U. (\$4,000)

2016: COBA Summer Research Grant, Sam Houston State U. (\$4000); Faculty Research Grant, Sam Houston State U. (\$5000)

2015: Fiat Panis Grant (Germany)

2014: COBA Summer Research Grant, Sam Houston State U. (\$3000)

2014: Faculty Research Grant, Sam Houston State U. (\$5000)

2014: EURECA-FAST Grant, Sam Houston State U. (\$4000)

2013: Dept of Global Health Travel Grant, University of Washington

2011: Dept of Global Health Travel Grant, University of Washington

2011: International Growth Centre-Bihar (PI, £10,000)

2010: Harvard Population Center Seed Grant, (PI, \$10,000)

2009-13: AusAID Grant for Microfinance Evaluation, (CO-PI, \$500,000)

2009: Rand Summer Institute, Santa Monica, CA

2009: Primeaux Scholarship, University of Houston, (\$1100)

2009: BREAD/CEPR/University of Verona Summer School in Development

2007-08: Henry Graham Grant, University of Houston, (\$6000)

2008: Jhamandas Watulmull Fund Scholarship, University of Houston, (\$1000)

2006: J-PAL Summer Course, Chennai, India

2004-06: Cullen Supplemental Fellowship, University of Houston

2004-09: Graduate Assistant Tuition Fellowship, University of Houston

## **Services**

### **University of Notre Dame**

Ph.D. Planning Committee

MGA Admission Committee

### **Sam Houston State U.**

College of Business Dean Search Committee

Faculty Recruiting Chair (2018, 2022), Recruiting Committee (2020)  
Faculty Research Council (2019-2022)  
EURECA Advisory Council (2019-2022)  
University Committee on Distinguished Lecturer Series (2018-2021)  
SHSU Faculty Senate (2016-2019)  
EURECA Advisory Council Member (2016-2018)  
Member (2015-2018): Newton Gresham Library Committee (SHSU)  
University Committee on Excellence in Scholarly and Creative Accomplishments (2014-2016)  
University Committee on Distinguished Lecturer Series (2014-2017)  
Faculty Committee for Emeritus Evaluation (2014-2017)  
Seminar Organizer

**University of Washington, Seattle**

Recruiting Committee  
MPH Admission Committee

**PhD Thesis  
Committee**

Chon Kit Ao (2016), Mykhailo Sitiuk (2013), Abhilasha Singh (2014)  
Iryna Hayduk (2014); Ashmita Gupta (2015)

**Professional  
Memberships**

American Economic Association  
Southern Economic Association  
Population Association of America

**Referee Service**

Journal of Human Resources, Journal of Development Economics, World Development, World Bank Economic Review, Health Economics, Journal of Population Economics, Review of Development Economics, Journal of Development Studies, Economics and Human Biology, Social Science & Medicine, Journal of South Asian Development, Asian Population Studies, International Review of Applied Economics, Journal of Public Health, BMC Geriatrics, BMC Public Health, International Journal of Quality in Health Care, BMC Pregnancy and Childbirth, Human Relations, PLOS ONE, Oxford Development Studies, Public Health Nutrition