

CURRICULUM VITAE
SUDHA XIRASAGAR

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EDUCATION

2002	Ph.D.	Health Administration, Arnold School of Public Health, University of South Carolina, Columbia, SC.
1982	M.B.B.S.	Doctor of Medicine, Bangalore University, Bangalore, India

PROFESSIONAL EXPERIENCE

Aug 2010 to present	Associate Professor, Health Services Policy and Management University of South Carolina, Arnold School of Public Health
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Aug 2013 to Aug 2015	Director, MHA program
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Aug 2009 to Sep 2010	Director, MHA Program Department of Health Services Policy and Management
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Aug 2006 to July 2009	Director, MHA Professional Format Program Department of Health Services Policy and Management
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2003-06	Associate Director, MHA Program Department of Health Services Policy and Management Arnold School of Public Health, University of South Carolina
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2006 to 2010	Assistant Professor, Health Services Policy and Management University of South Carolina, Arnold School of Public Health
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2002 to July 2006	Research Assistant Professor, Health Services Policy and Management University of South Carolina, Arnold School of Public Health
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1997 to 2002	Ph.D student and Research Assistant, Health Services Policy and Management Arnold School of Public Health, University of South Carolina
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1989 to 1997	Director, Research and Training, Indian Society of Health Administrators, Bangalore, India
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- 1989 Senior Medical Officer, National Tuberculosis Institute,
Government of India, Bangalore, India
- 1985 to 1988 Medical Officer, National Tuberculosis Institute,
Government of India, Bangalore, India
- 1983 to 1985 Medical Officer, Ministry of Labor, Beedi Workers Welfare Fund Dispensary
Kerala, India
- 1982 to 1983 Resident, Department of Internal Medicine, Victoria Hospital, Bangalore, India.

PUBLICATIONS

Journal Articles (Student/Mentee co-authors underlined)

1. Khang, L, Adams, S.A., Steck, S.E, Zhang J, **Xirasagar, S.**, Daguise, V.G. Travel distance to screening facilities and completion of abnormal mammogram follow-up among disadvantaged women. *Annals of Epidemiology*, forthcoming.
2. Powell, D.O., **Xirasagar, S.** Excess Deaths among the Uninsured Before the Affordable Care Act (ACA), and Potential Post-ACA Reductions. *Journal of Public Health management and Practice*. Forthcoming
3. Chang, C.K., **Xirasagar, S.**, Lian, I.B., Chen, B., Hussey, J.R., Wang I.J., Chen, J.C., Lian, L.B. Provider behavior under global budgeting and policy responses: An observational study on eye care services in Taiwan. *Inquiry*. 2015. DOI: 10.1177/0046958015601826. PMID: 26324511 (Senior and corresponding author with Lian IB-co-corresponding author)
4. Tsai, M.H., **Xirasagar, S.**, Li, Y.J., de Groen, P.C. Colonoscopy Screening Among Persons with a Family History of Colorectal Cancer. *Preventing Chronic Disease*, 2015. 12(5): DOI:10.5888/pcd12.140533 (Senior and corresponding author)
5. **Xirasagar, S.**, de Groen, P.C. Authors' response to Eluri et al Letter to the editor Re: Colorectal Cancer Prevention by an Optimized Colonoscopy Protocol in Routine Practice. *International Journal of Cancer* 2015; 137: 1247-48 online first February 24, 2015; DOI: 10.1002/ijc.29472.
6. Chung S.D., **Xirasagar, S.**, Lin C.C., Ling, W., Li, H.C., Lin, H.C. Increased Risk of Ischemic Stroke Among Women with Bladder Pain Syndrome/Interstitial Cystitis: A Cohort Study from Taiwan. *Neurourology & Urodynamics*, 2015 Jan; 34(1):44-9. DOI:10.1002/nau.22515. PMID: 24155221
7. Adams, S.A., Choi, S.K., Khang, L., Campbell, D., Friedman, D.B., Eberth, J.M., Glasgow, R.E., Tucker-Seeley, R., **Xirasagar, S.**, Yip, M.P., Young, V.M., Hebert, J.R. Decreased Cancer Mortality-to-Incidence Ratios with Increased Accessibility of Federally Qualified Health Centers. *Journal of Community Health*, 2015; 40(4):633-41. Online first January 30, 2015 DOI 10.1007/s10900-014-9978-8.

8. **Xirasagar, S., Li, Y.J., Hurley, T.G., Hardin, J.W., Tsai, M., Hurley, D., Hebert, J.R., de Groen, P.C.** Colorectal Cancer Prevention by an Optimized Colonoscopy Protocol in Routine Practice *International Journal of Cancer*, 2015 Mar 15;136(6):E731-42: Epub 2014 September 30. PMID:25242510; (<http://onlinelibrary.wiley.com/doi/10.1002/ijc.29228/full>)
9. de Groen, P.C. Li, Y.J., Xirasagar S. Letter to the Editor, Long-term colorectal cancer mortality after adenoma removal. *New Engl J Med* 2014; 371(21): 2035. DOI: 10.1056/NEJMc1411954. PMID: 25409379
10. **Xirasagar, S., Li, Y.J., Hebert, J.R., Hurley T.G., Burch, J.B., Dagui, V.** 2014. Reducing colorectal cancer incidence and disparities: Performance of a state-funded screening colonoscopy program for the medically indigent in South Carolina. *Advances in Public Health, Advances in Public Health, Volume 2014 (2014)*, 8 pages; <http://dx.doi.org/10.1155/2014/787282>. PMID: 25705719
11. Kao, L.T., **Xirasagar, S., Kuo, K.H., Lin, H.C./, Chung, S.D.** Weekly and Holiday-related Patterns of Panic Attacks in Panic Disorder: A Population-based Study. *PLoS One*. 2014 Jul 9;9(7):e100913. DOI:10.1371/journal.pone.0100913. eCollection 2014. PMID:25006664.
12. Soltis, S., Probst J.C., Martin AB, Hardin J.R., **Xirasagar, S.** Diagnostic and demographic differences between incarcerated and non-incarcerated youth with ADHD in South Carolina. *Journal of Attention Disorders*. Accepted for publication, September 2013.
13. Pumkam, C., Bennett K.J., Probst, J.C., Hardin, J., **Xirasagar, S.** 2013. Health Care Expenditures among Working-Age Adults with Disabilities: Variations by Disability Spans. *Disability and Health Journal*, online first published July 2013; <http://dx.doi.org/10.1016/j.dhjo.2013.03.002> .
14. McCracken, J.L., Friedman, D.B., Brandt, H.M., Arp Adams, S., **Xirasagar, S., Ureda, J.R., Mayo, R.M., Comer, K., Evans, M., Fedrick, D., Talley, J., Broderick, M., & Hebert, J.R.** 2013 Findings from the Community Health Intervention Program in South Carolina: Implications for reducing cancer-related health disparities. *Journal of Cancer Education* 28:412–419. Epub ahead of print May 5, 2013. DOI: 10.1007/s13187-013-0479-8. PMID: 23645547.
15. Li, Y.J., Xirasagar, S., Pumkam, C., Krishnaswamy, M., Bennett, C.L. Vision Insurance, Eye Visits, and Vision Impairment among Working-Age Adults in the United States. *JAMA Ophthalmology*. 2013 Apr;131(4):499-506. (doi:10.1001/jamaophthalmol.2013.1165. epub ahead of print Dec 10 2012m) PMID 23229123 (Lead and corresponding author)
16. Baek, J.D., **Xirasagar, S., Stoskopf C.H., Seidman, R.** 2013. Physician-targeted financial incentives and primary care physicians' self-reported ability to provide high quality primary care. *Journal of Primary Care and Community Health*, Jul 1;14(3):182-88. doi: 10.1177/2150131912462036. PMID:23799705
17. Chen, B., Restaino, J., Norris, L., **Xirasagar, S., Qureshi, Z., Lopez, I., Trenery, A., Murday, A., Kahn, A., Mattison, D.R., Ray, P., Sartor, O., McKoy, J., Bennett, C.L.** 2012. A tale of two citizens: a state attorney general and a hematologist facilitate translation of research into FDA actions. *J Oncol Pract* DOI: 10.1200/JOP.2011.000504; published online ahead of print at jop.ascopubs.org on August 14, 2012.
18. Bennett, C.L., Starko, K.M., Thomsen HS, Cowper S, Sartor O, Macdougall IC, Qureshi ZP, Bookstaver PB, Miller AP, Norris LB, **Xirasagar S**, Trenery A., Lopez, I., Kahn, A.,

Murday,, A., Luminari, S., Cournoyer D, Locatelli, F., Ray, P., Mattison, D.R. 2012. Linking drugs to obscure illnesses: lessons from pure red cell aplasia, nephrogenic systemic fibrosis, and Reye's syndrome. A report from the Southern Network on Adverse Reactions (SONAR). *J Gen Int Med* 27(12):1697-703. PMID: 22692632. June 13 Epub ahead of print.

19. Qureshi, Z., Bennett C.L., Sartor A.O., Norris L.B., Murday, A., **Xirasagar, S.**, Thomsen, H.S. 2012. Gadolinium Induced Nephrogenic Systemic Fibrosis, the Rise and Fall of an Iatrogenic Disease. *Clin Kidney J.* 5:82-88.

20. Chung SD, Chen KY, **Xirasagar S**, Tsai MC, Lin HC. 2012. More than 9-times increased risk for pancreatic cancer among patients with acute pancreatitis in Chinese population. *Pancreas* 20(12):41:1: 141-46. PMID: 21946811.

21. Friedman D.B., Young V.M., Freedman D.A., Adams, S.A., Brandt, H.M., **Xirasagar, S.**, Felder, T.M., Ureda, J.R., Hurley, T., Khang, L., Campbell D., Hebert, J.R. 2012. Reducing Cancer Disparities through Innovative Partnerships: A Collaboration of the South Carolina Cancer Prevention and Control Research Network and Federally Qualified Health Centers. *Journal of Cancer Education* 27:59-61. PMID:21932143.

22. Chen CH, **Xirasagar S**, Lin CC, Wang LH, Kou YR, Lin HC. 2011. Risk of adverse perinatal outcomes with antithyroid treatment during pregnancy: a nationwide population-based study. *Brit. J Ob Gynecol*;1 18(11):1365-73. doi: 10.1111/j.1471-0528.2011.03019.x. Epub 2011 May 31. PMID:21624036

23. Qureshi ZP, Sartor O, **Xirasagar S**, Liu Y, Bennett CL. 2011. Pharmaceutical Fraud and Abuse in the United States: 1996-2010. *Arch Int Med* 171(16):1503-6 (Sep 12). PMID:21911639

24. **Xirasagar, S.**, Hurley, T.G., Burch, J.F., Mansaray, A., Hardin J. Hebert, J.R. 2011. Colonoscopy Screening Rates among Patients of Colonoscopy-trained African American Primary Care Physicians. *Cancer*, 117(22): 1551-60. e-pub ahead of print April 28, 2011.PMID.21523762

25. Ho, J.D., **Xirasagar, S.**, Lin, H.C. 2011. Over 9-times Increased Risk for Cancer Following Herpes Zoster Ophthalmicus: A Nationwide Population-Based Study. *Ophthalmology*, 118(6): 1076-81. January 11, 2011 Epub head of print. PMID: 21232800

26. Kang, J.H., Chung, S.D., **Xirasagar, S.**, Jaw, F.S., Lin, H.C. 2011 Increased risk of stroke in the year after a hip fracture: a population-based study from Taiwan. *Stroke* 42(2):336-341. Epub 2010 Dec 23. PMID:21183742.

27. Yang YW, Chen YH, **Xirasagar S**, Lin HC. Increased risk of stroke with bullous pemphigoid. A population-based follow-up study. *Stroke*. 2011 Feb;42(2):319-23. Epub 2010 Dec 16. PMID:21164122

28. Kang, J.H., **Xirasagar S.**, Lin, HC. 2011. Lower Mortality among Stroke Patients with Schizophrenia: A Nationwide Population-based Study. *Psychosomatic Medicine* 73(1):106-111. PMID: 20978225

29. Fu, J.C., **Xirasagar, S.**, Liu, J, Probst, J.C.. 2010. Cesarean and VBAC Rates among Immigrant vs. Native-Born Women – A Retrospective Observational Study from Taiwan, *BMC Public Health* 10:548. doi:10.1186/1471-2458-10-548. PMID:20831813
30. **Xirasagar, S.**, Bennett, C.L., Hebert, J.R. 2010. Screening Colonoscopy vs. Flexible Sigmoidoscopy. Letter to the Editor *JAMA* 304(18):2016-2017 PMID:21063009
31. **Xirasagar, S.**, Fu, J.C., Liu, J, Probst, J.C., Lin, D.P. 2011. Neonatal Outcomes for Immigrant Mothers in Taiwan: Evidence for the Epidemiological Paradox. *Maternal and Child Health Journal*, 15(2):269-79. PMID:20432059
32. **Xirasagar, S.**, Hurley, T., Sros, L., Hebert, J.R. 2010. Quality and Safety of Screening Colonoscopies Performed by Primary Care Physicians with Standby Specialist Support. *Medical Care*, 48(8):703-709. PMID:20613663
33. Diedhiou, A., Probst, J.C., Hardin, J.W., Martin, A.B., **Xirasagar, S.** Relationship Between a Reported Medical Home and Emergency Department Use Among Children with Asthma. *Medical Care Research and Review*, 67(4):450-75. E-pub ahead of print July 2010. PMID:20442339
34. **Xirasagar, S.**, Kanwat, C.P., Qu, H, Smith, L.U., Patterson, N., Shewchuk, R.M. 2010. Preventing Intentional Food Contamination in Restaurants: A Survey to Assess Restaurants' Preparedness. *Journal of Public Health Management and Practice*, 16(4):.E7-E17. PMID:20520363
35. **Xirasagar, S.**, Kanwat, C.P., Li, Y.J., Smith, L.U., Sros, L., Shewchuk, R.M., 2010. Restaurant Industry Preparedness Against Intentional Food Contamination: A Survey of South Carolina Restaurants. *Journal of Public Health Management and Practice*, 16(4): E18-E31. PMID:20520362
36. Glover, S.H., **Xirasagar, S.**, Jeon, Y., Elder, K.T., Piper, C., Pastides, H. 2009. A Human Capital to Reduce Health Disparities. *Journal of Health Disparities Research and Practice*, 3(1): 1-14.
37. Glover, S.H., **Xirasagar, S.**, Jeon, Y., Pastides, H. 2009. Academic Partnerships with Historically Black Colleges and Universities: A Public Health Professions Project. *Journal of Health Care for the Poor and Underserved*, 20(1): 18-25. PMID:19202241
38. **Xirasagar, S.** 2008. Transformational, Transactional, and Laissez-faire Leadership Among Physician Executives – the Empirical Evidence. *Journal of Health Organization and Management*. 22(6):519-613. PMID:19579573
39. Lin H.C. **Xirasagar, S.**, Chen, C.H., Hwang, Y.T. 2008. Physician Case Volume of Intensive Care Unit Pneumonia Admissions and In-hospital Mortality. *American Journal of Respiratory and Critical Care Medicine*. 177(9):989-94. PMID:18263804
40. Lin, H.C., Chen C.S., **Xirasagar, S.** Lee, H.C. 2008. Seasonality and Climatic Associations With Violent and Non-violent Suicides: A Population-based Study, *Neuropsychobiology*. 57(1-2):32-37. [Epub May 2). PMID:18451635
41. Stoskopf, C.H., **Xirasagar, S.**, Han, W.M., Snowdon, S. 2008. Exporting Doctoral Education: Experience of a State Supported University, *Journal of Health Administration Education* 24(3): 306-319. PMID:18476505

42. Lien, H.C., **Xirasagar, S.**, Lin, H.C. Hwang, Y.T. 2008. Does Physicians' Case Volume Impact Inpatient Care Costs for Pneumonia Cases? *Journal of General Internal Medicine*. 23(3):304-9. PMID:18043982
43. Lin H.C., **Xirasagar, S.**, Lee H.C., Tsao N.W., Hwang Y.T. 2008. Volume-Outcome Relationships in Coronary Artery Bypass Graft Surgery Outcomes: 5-year Major Cardiovascular Event Outcomes. *Journal of Thoracic and Cardiovascular Surgery*. 135(4):923-30. PMID:18374781
44. Yeh, J.Y., **Xirasagar, S.** Liu, T.C., Li, C.Y., Lin H.C. 2008. Does Marital Status Predict the Odds of Suicidal Death in Taiwan? A Seven-Year Population-Based Study. *Suicide and Life-Threatening Behavior* 38(3):302-10. PMID:18611128
45. Laditka, S.B., Laditka, J.N., **Xirasagar, S.**, Cornman, C.B., Davis, C.B., Richter, J.V.E. 2008. Providing Shelter to Nursing Home Evacuees in Disasters: Lessons from Hurricane Katrina. *American Journal of Public Health*, 98(7):1288-93. (Jan 2. Epub ahead of print) PMID:18172147
46. Samuels, M.E., **Xirasagar, S.**, Elder, K., Probst, J.C. 2008. Enhancing the Care Continuum in Rural America: Survey of Rural Community Health Center-Critical Access Hospital Collaborations. *Journal of Rural Health*, 24(1), 24-31. PMID:18257867
47. **Xirasagar, S.**, Lien, Y.C., Lin, H.C., Lee, H.C., Liu, T.C., Tsai, J. 2008. Procedure Volume of Gastric Cancer Resections versus 5-year Survival *European Journal of Surgical Oncology*, 34(1): 23-29. PMID:17890043
48. Pittard, W.B., Laditka, S.B., Laditka, J.N., **Xirasagar, S.** 2007. Infant Health Care Costs for Medicaid-Insured Infants Enrolled in Three Insurance Plans from Birth to 24 months. *Journal of the South Carolina Medical Association*, 103: 234-237. PMID:18333591
49. Pittard, W.B., Laditka, S.B., Laditka, J.N., **Xirasagar, S.** Lovelace, O. 2007. Infant Health Outcomes Differ Notably Among Medicaid Insurance Models: Evidence of a Successful Case Management Program in South Carolina. *Journal of the South Carolina Medical Association*, 103: 228-233. PMID:18333590
50. **Xirasagar, S.**, Lin H.C., Chen, C.S. 2007. Role of Meteorological Factors in Duodenal Ulcer Seasonality: A Nation-wide, Population-Based Study. *Journal of General Internal Medicine*. 22(10):1439-46. (Epub 2007, Aug 1.) PMID:17668271
51. Glover, S.H., Elder, K.T., **Xirasagar, S.**, Baek, J.Y., Piper, C. 2007. Disparities in Mental health Utilization Among Persons with Chronic Diseases – Findings from the Community Tracking Survey. *Journal of Health Disparities Research and Practice*, 1(3):45-65.
52. Lin H.C., **Xirasagar, S.**, Chen, C.H., Lee, H.C. 2007. Association Between Physician Volume and Hospitalization Costs for Patients with Stroke in Taiwan: A Nation-wide Population-based Study.. *Stroke*. 38 (5):1565-1569. PMID: 17395867
53. Elder, K., **Xirasagar, S.**, Miller, N., Bowen, S.A., Glover, S.H., Piper, C. 2007. African Americans' Decisions not to Evacuate New Orleans Before Hurricane Katrina: A Qualitative Study. *American Journal of Public Health*, 97: S116-123. PMID: 17413086

54. Lin, H.C., **Xirasagar, S.** Liu, T.C.. 2007. Doctors' Obstetric Experience and Cesarean Section (CS); Does Increasing Delivery Volume Result in Lower Cesarean Likelihood? *Journal of Evaluation in Clinical Practice*, 13(6):954-57. PMID:18070269
55. Chen, F., Laditka, J.N., Ladtika, S.B., **Xirasagar, S.** 2007. Providers' Response to Global Budgeting in Taiwan: What Were the Initial Effects? *Health Services Management Research*, 20:113-120. PMID:17524223
56. **Xirasagar, S.**, Lin H.C. 2007. Maternal Request CS: Role of Hospital Teaching Status and For-Profit Ownership, *European Journal of Obstetrics, Gynecology and Reproductive Biology*, 132(1):27-34. PMID:16837120
57. Laditka, S.B., Laditka, J.N., **Xirasagar, S.**, Cornman, C.B., Davis, C.B., Richter, J.V.E. 2007. Protecting Nursing Home Residents During Emergencies or Disasters: An Exploratory Study of South Carolina. *Pre-Disaster Medicine* 22(1): 46-52. PMID:17484362
58. **Xirasagar, S.**, Lin H.C., Liu, T.C. 2006. Seasonality in Pediatric Asthma Admissions: Role of Climate and Environmental Factors. *European Journal of Pediatrics*, 165(11):747-52. PMID:16718474
59. Lin, H.C., **Xirasagar, S.** Tung, Y.C. 2006. Impact of a Cultural Belief About the Ghost Month on Delivery Mode in Taiwan. *International Journal of Epidemiology and Community Health*, 60(6):522-526. PMID:16698984
60. Lin, H.C., **Xirasagar, S.**, Tung, Y.C. 2006. Seasonality of Hip Fractures and Estimates of Season-Attributable Effects: A Multivariate ARIMA Analysis of Population-based Data. *Osteoporosis International*, E-pub – Feb 21; 2006;17(6):795-806 (available at Springerlink).
61. Lin, H.C., **Xirasagar, S.** Lee, H.C., Chai, C.Y. 2006. Hospital Volume and Inpatient Mortality Following Gastro-intestinal Cancer Surgery: Experience of an Asian Country. *Annals of Surgical Oncology*, 13(9):1182-8. PMID:16897270
62. Chen, CH., **Xirasagar, S.**, Lin, H.C. 2006 Seasonality in Adult Asthma Admissions, Air Pollutant Levels and Climate: A Population based Study. *Journal of Asthma*, 43(4):287-92. PMID:16809242
63. **Xirasagar, S.**, Lin, H.C, Liu, T.C. 2006. Do Group Practices Have Lower Cesarean Propensities than Solo Practice Obstetric Clinics? Evidence from a Single Payer System. *Health Policy and Planning*, 21(4): 319-325. PMID:16790455
64. **Xirasagar, S.**, Lin H.C. 2006. Physician Supply, Supplier-Induced Demand (SID) and Competition: Empirical Evidence from a Single Payer System. *International Journal of Health Planning and Management*. 21(2): 117-131. PMID:16846104
65. **Xirasagar, S.** Lin, H.C. 2006. Effects of Payment Incentives, Hospital Ownership and Competition on Hospitalization Decisions for Ambulatory Surgical Procedures. *Health Policy*, 76(1):26-37. PMID:15935513
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Executives, Leadership Style and Disease Management Performance: An Empirical Study. *American Journal of Managed Care*, 12(2): 765-772. PMID:16464139

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74. Lin, H.C., **Xirasagar, S.**, Laditka, J.N. 2004. Patient Perceptions of Service Quality in Group Versus Solo Practice Clinics. *International Journal for Quality in Health Care* 16(6): 437-445. PMID:15557353

75. **Xirasagar, S.**, Lin, H.C. 2004. Cost Convergence between Public and For-Profit Hospitals under Prospective Payment and High Competition in Taiwan. *Health Services Research* 39(6), December issue supplement: 2101-2116. PMID: 15544646

76. Lin, H.C., **Xirasagar, S.**, Tang, C.S. 2004. Cost per Discharge and Hospital Ownership Under Prospective Payment and Cost-based Reimbursement Systems in Taiwan. *Health Policy & Planning* 19(3): 166-176. PMID:15070865

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79. Lin, H.C., **Xirasagar S.**, Kao, S.Y. 2004. Association of Hospital Ownership with Patient Transfers to Outpatient Care Under a Prospective Payment System in Taiwan. *Health Policy* 69, June: 11-19. PMID:15484603
80. Stoskopf, C.H., **Xirasagar, S.** 1999: The glass ceiling in academe: health administration is no exception. *Journal of Health Administration Education* 17(2), 67-82. PMID:10539610
81. Jagota P, **Xirasagar, S**, Parimala N & Chaudhuri K. 1999. A study of operational factors influencing the applicability of two regimens of Short Course Chemotherapy under conditions of an urban tuberculosis program. *Indian Journal of Tuberculosis* 36, 213–223.

Manuscripts Under Review

Powell, D.J., Xirasagar, S, Khan, M.M., Hardin, J.W., Demir, I., Odutolu, O. Increasing institutional delivery among underserved populations: A population-based cross-sectional study in Nigeria. Under review.

Tsai, M.H., Xirasagar, S., de Groen, P.C. Racial disparities in colorectal cancer screening among persons with a family history of colorectal cancer. Under revision for *Journal of Health Disparities Research and Practice*.

Tsai, M.H., Xirasagar, S., Carroll, S., Bryan, C.S., Gallagher, P.J., Jauch, E.C. A Primary Care Intervention to Reduce Emergency Department Overcrowding: A Win-win for patients and hospitals? Under review.

Xirasagar, S., **Tsai, M.H.**, Carroll, S., Bryan, C.S., Gallagher, P.J., Jauch, E.C. Emergency Department High-users: A Tale of Three Challenges – Medical Need, Primary Care Access, and Patient Behavior. Under review.

Books and Book Chapters

Xirasagar, S. Misra, P. India's Health System, in Johnson, J.A. and Stoskopf C.H. (Eds.) *Comparative Health Systems*. Jones and Bartlett Publishers, Boston, MA. © 2010 pp. 237-257.

Xirasagar, S. Physician Leadership and Development, in Johnson, James A. (Ed.) *Health Organizations – Theory, Behavior, and Development*. Jones and Bartlett Publishers, Boston, MA. 2008 pp. 331-347.

Sahni, A.K., **Xirasagar, S.** 1993. *HIV and AIDS in India - An Update for Action*, published by Indian Society of Health Administrators (ISHA), Bangalore, 1993. Widely circulated and used by NGOs and Government organizations all over India, as resource material, in training health and development functionaries in HIV-AIDS control activities.

Xirasagar, S., Sahni, A.K. 1993. Health Care Infrastructure and Institutional Arrangements for the Urban Slums, in "*Urban Health Systems*" published by Indian Institute of Public Administration, Government of India, New Delhi.

Sahni, A.K., **Xirasagar, S.** 1990. *Community Participation in Health and Family Welfare - Innovative*

Experiences in India, published by Indian Society of Health Administrators (ISHA), Bangalore, with financial support from UNICEF and local city Governments. (Used by NGOs and Government organizations as resource material in training health and development functionaries in community participatory strategy development in India.)

Sahni, A.K., **Xirasagar, S.** 1990. *Health and Development of the Tribal People in India - Present Status and Future Directions*, published by Indian Society of Health Administrators (ISHA), Bangalore, with financial support from Ministry of Science & Technology, Government of India. (Used by NGOs and Government organizations as resource material in training health and development functionaries in tribal health and development issues.)

Non-Peer Reviewed Publications

Xirasagar, S., Samuels, M.E., Curtin, T.F. 2006. Management-trained Medical Directors are Good for Community Health Centers' Clinical Outcomes. *Community Health Forum*, 7(2):34-36, National Association of Community Health Centers, Washington DC, May issue. Invited contribution.

Jagota, P., **Xirasagar, S.**, Jaigopal, M.V. 1999. Study of high-dose isoniazid and streptomycin bi-weekly in the treatment of isoniazid-resistant tuberculosis. *National TB Institute Bulletin* 1999, 35(1-4), 8-13.

Xirasagar, S., Sahni, A.K. 1994. Lessons learnt from the innovative experiences of community participation in India, and their application to people's involvement for health and development of women and children, *Proceedings and Recommendations of the 3rd Regional Conference of South East Asia Regional Bureau, and International Union for Health Promotion Education, 1994*. Invited contribution.

Sahni, A.K., **Xirasagar, S.** 1994. People's involvement for health and development of women and children - Identification and Prioritization of Interventions. *Proceedings and Recommendations of 3rd Regional Conference of SEARB of the International Union for Health Promotion Education, 1994*. Invited contribution.

Research Reports

Xirasagar, S., Hurley T.G., Burch J.B., Li, Y.J., Hebert, J.R., South Carolina Cancer Alliance, Cancer Control Plan Implementation Evaluation of Screening Colonoscopies on People Everywhere in South Carolina (SCOPE SC) Year 1. July 2011. Contract from South Carolina Department of Health and Environmental Control, Division of Cancer.

Xirasagar, S., Shewchuk, R. 2008. Food Defense: Survey of Restaurants in South Carolina. Report to South Carolina Department of Health and Environmental Control, Columbia, SC, Sub-contract from Centers for Diseases Control and Prevention, Atlanta, GA.

Samuels, M.E., **Xirasagar, S.**, *NRHA National Survey of Critical Access Hospitals Relationships With Community Health Centers*. Report to Bureau of Primary Health Care, Health Resources and Service Administration. 2005. Contracted by the National Rural Health Association.

Samuels, M.E., **Xirasagar, S.**, Wilhide, S.D. *Model Relationships Between Rural Community Health Centers (CHCs) and Hospitals*. Report to Bureau of Primary Health Care, Health Resources and Service Administration. 2003. Contracted by the National Rural Health Association.

Glover, S. H., Stoskopf, C., Brown, T. Wheeler, F., Kim, Y.K., **Xirasagar, S.** *Small Business and Access to Health Insurers, Particularly HMOs*. Report to U. S. Small Business Administration, 2000. Funded by the U. S. Small Business Administration.

Policy/Planning Documents

Health of the Metropolis - Bangalore, A Guide for Planners, Administrators, and Professionals. Indian Society of Health Administrators, Bangalore, 1990. Supported by the City government and UNICEF. Compiled, edited and integrated papers presented at a conference organized to examine health status and programs in Bangalore city develop an action document.

The Third Force in Health Care – Role of Voluntary Organizations in Health & Family Welfare in India. Indian Society of Health Administrators, Bangalore, 1990. Supported by USAID and the Ministry of Health, Government of India. Prepared based on available literature and findings from my site visits to voluntary organizations in various studies.

REFEREED PRESENTATIONS AT NATIONAL SCIENTIFIC MEETINGS/PUBLISHED ABSTRACTS (Mentee/Student co-authors underlined)

Powell, D.J., Khan, M.M., **Xirasagar, S.**, Hardin, J.W., Odutolu, O. Provider behaviors and facility characteristics impacting pregnant women's satisfaction with antenatal care in Nigeria: Implications for improving antenatal care use. Submitted to American Public Health Association, 144rd Annual Meeting, October 29 - November 2, 2016. Denver, CO.

Xirasagar, S., Tsai, M.H., Gallagher, P.J., Bryan, C.S. Reducing Emergency Room Overcrowding by In-house Primary Care Clinic and Patient Education: Win-win outcomes for patients and the hospital Submitted to American Public Health Association, 144rd Annual Meeting, October 29 - November 2, 2016. Denver, CO.

Tsai, M.H., **Xirasagar, S.**, Gallagher, P.J., Bryan, C.S. High Users of Emergency Room Services: Effect of Having or Acquiring a Primary Care Physician on Subsequent ER use Patterns in an Urban Setting, Submitted to American Public Health Association, 144rd Annual Meeting, October 29 - November 2, 2016. Denver, CO.

Xirasagar, S., Tsai M.H., Esoimeme, G., Gallagher, P. Effect of an in-house primary care clinic on ER use by repetitive users in an urban hospital. Podium presentation, American Public Health Association, 143rd Annual Meeting, October 31 - November 4, 2015. Chicago, IL. Podium. (Not presented due to emergency personal travel abroad)

Dumbiri, O., **Xirasagar S.** Will near-universal health coverage impact mortality in the US adult population? 2015 Annual Research Meeting of Academy Health, Minneapolis, June 14-16, 2015. Poster.

Haider R, Qureshi, Z, Horner R, **Xirasagar S**, Khan MM. Colorectal Cancer Costs in the US: Findings from the National Medical Expenditure Panel Survey 2008-12. ISPOR 20th International Medical Conference, May 16-20, 2015. Philadelphia, USA. Podium.

Tsai, M.H., **Xirasagar, S.**, Li, Y.J.. 2014. Racial disparities in colonoscopy screening among persons with a family history of colorectal cancer. Podium presentation, American Public Health Association, 142nd Annual Meeting, November 15-19, 2014. New Orleans, LA.

Li, Y.J., **Xirasagar, S.**, Qureshi, Z., Hurley, T.G., Hardin, J.W., Zhang, J., Wirth, M. (2013, November). Assessment of an innovative colonoscopy protocol using a 2-person technique and propofol sedation in ensuring high quality screening colonoscopies by trained primary care physicians. Podium session presented at the American Public Health Association, 141st Annual Meeting, Boston, MA.

Xirasagar, S., Li, Y.J., Hurley, T.G., Hardin, J.W., Tsai, M.H., & Hebert, J.R. (2013 November). Primary care physician(PCP)-performed colonoscopy screening: Does PCP procedure experience affect performance quality? Podium session presented at the American Public Health Association, 141st Annual Meeting, Boston, MA.

Xirasagar, S., Li, Y.J., Hurley, T.G., Hardin, J.W., Hurley, D.M., Hebert, J.R., de Groen, P.C. (2013, November). Colorectal cancer prevention efficacy of primary care physician-performed vs. specialist-performed colonoscopies at one endoscopy center. Podium session presented at the American Public Health Association, 141st Annual Meeting, Boston, MA.

Tsai, M.H., **Xirasagar, S.**, Li, Y.J., Qureshi, Z. Colonoscopy screening among Americans with a family history of colorectal cancer. American Public Health Association, 141st Annual Meeting, November 2-6, 2013, Boston, Podium presentation.

Xirasagar, S., Li, Y.J., Hurley, T.G., Tsai, M.H., Hardin, J.W., Hurley D., Hebert, J.R., de Groen, P.C. Excellent (83%) Colorectal Cancer Prevention due to an Optimized Colonoscopy Method. American College of Gastroenterology 2013 Annual Scientific Meeting, October 11-16, San Diego, Oral, Plenary session. (Abstract: Xirasagar S, Li, Y-J, Hurley T, et al. Excellent (83%) Colorectal Cancer Prevention Due to an Optimized Colonoscopy Method. The American Journal of Gastroenterology 2013;108:S637.)

Li, Y.J., **Xirasagar, S.**, Hurley T.G., Hardin J.R., Wirth, M., Qureshi, Z. Comparison of Innovations in Screening Colonoscopy Protocols (2-Person Technique and Propofol Sedation) in Improving Adenoma Detection Rates. American Public Health Association, 141th Annual Meeting, November 4-8, 2013, Boston Podium; Medical Care Section Student Session Award winner.

Li, Y.J., **Xirasagar, S.**, Hurley T.G., Hardin J.R., Wirth, M., Qureshi, Z. Comparison of Innovations in Screening Colonoscopy Protocols (2-Person Technique and Propofol Sedation) in Improving Adenoma Detection Rates. Academy Health Annual Research Meeting, June 23-25, 2013. Poster.

Xirasagar, S., Li, Y.J., Hurley, T.G., Hardin J.R., Hurley, D, Hebert, J.R. Retrospective cohort study of the cancer prevention efficacy of screening colonoscopy performed with an innovative polyp-maximizing protocol. Academy Health Annual Research Meeting, June 23-25, 2013. Washington, DC. Poster.

Xirasagar, S., Li, Y.J., Hurley, T.G., Pumkam, C., Hardin J.R., Hebert, J.R., Comparing Performance Quality Under a State-of-Art Colonoscopy Protocol vs. Typical Endoscopy Protocols - Implications for Colorectal Cancer Protection. Academy Health Annual Research Meeting, June 23-25, 2013., Washington, DC Poster.

Xirasagar, S., Li, Y.J., Hurley, T.G., Wirth, M. Zhang, J., Pumkam, C., Hebert, J.R., Hurley, D. Evidence on cancer prevention efficacy of an innovative colonoscopy program that expanded screening

access to African Americans. 2012 Summit on the Science of Eliminating Health Disparities, October 31 – November 3, 2012, Washington DC. Poster, presenter.

Baek, J.D., **Xirasagar S.**, Stoskopf, C.H., Seidman, R.L. Impacts of patient-centered medical home environment, financial incentive and restrictions on physicians' ability to provide quality primary care. American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco, Presenter, Podium.

Melvin, E., **Xirasagar, S.**, Moran R., Hutto, B., Melvin A. Diabetes-Related Lower Extremity Amputation (DRLEA): Payer and plan type matters for single-step vs. multi-step (incremental) amputations. American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco, Poster.

Melvin, A., **Xirasagar, S.**, Moran R., Hutto, B., Melvin E. Is the cost of care for Coronary Artery Bypass Graft (CABG) patients among Acute Myocardial Infarction patients associated with payer and plan type and time to CABG? American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco, Poster.

Xirasagar, S., Li Y.J., Hurley T.G., Pumkam, C., Hebert, J.R. Comparing adenoma detection rate and type under a state-of-art colonoscopy protocol vs. typical community-based center protocols in community-based practice settings - Implications for cancer protection. American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco, Presenter, Podium.

Xirasagar, S., Zhang, J., Hurley T.G., Li Y.J., Wirth, W., Hardin, J.W., Hebert, J.R. Cancer prevention efficacy of PCP-performed vs. specialist-performed screening colonoscopies under an innovative program in South Carolina. American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco, Presenter, Podium.

Wu, C.S., **Xirasagar, S.**, Zhang, J., Qureshi, Z.P., Baker, S. L., Lai, C.H., Lee, C.Z., Tang, C.H. Does antihyperglycemic medication adherence reduce stroke hazard among Type 2 diabetes patients? American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco, Presenter, Podium.

Pate, M., **Xirasagar, S.**, Moran, R., Baker, S.L. Evidence for cost shifting to private payers under Medicaid managed care pressures – A claims-based national study. American Public Health Association, 139th Annual Meeting, October 29 – November 2, 2011, Washington DC, Poster.

Melvin, L.A., **Xirasagar, S.** Lower extremity amputation in diabetes: An exploratory study of the factors in amputation type and patient outcomes. American Public Health Association, 139th Annual Meeting, October 29 – November 2, 2011, Washington DC, Poster.

Xirasagar, S., Hurley, T.G., Daguise, V, Li, Y.J., Younger, S., Burch J.B., Hebert, J.R. Evaluation of the South Carolina Screening Colonoscopy on People Everywhere (SCOPE) program for the uninsured. American Public Health Association, 139th Annual Meeting, October 29 – November 2, 2011, Washington DC, Podium.

Fu, J.C., **Xirasagar, S.**, Liu, J, Probst J.P. Cesarean and VBAC Rates among Immigrant vs. Native-Born Women American Public Health Association, 138th Annual Meeting, November 6-10, 2010, Denver. Poster.

Xirasagar, S., Kanwat, C.P., Sellers, W., Alsup, M.N., Li, Y.J. Developing Locally-Relevant Educational Messages to Promote Restaurant Industry Preparedness Against Intentional Food Contamination American Public Health Association, 138th Annual Meeting, November 6-10, 2010, Denver. Oral

Li, Y.J., **Xirasagar, S.**, Probst, J.P. Insurance Access to Eye Care Services and Association with Visual Impairment Among US Adults. American Public Health Association, 138th Annual Meeting, November 6-10, 2010, Denver. Oral.

Chang, C.K., **Xirasagar, S.** Provider Behavior Under Global Budgeting: Does it evolve from Dysfunctional Tragedy of the Commons to cooperative Nash Equilibrium? American Public Health Association, 138th Annual Meeting, November 6-10, 2010, Denver. Oral.

Sros, L., **Xirasagar, S.** Hurley, T., Ali, M, Probst, J.C., Hardin, J.W., Hebert, J.R. Does Distance Matter? Assessing the Relationship Between Travel Distance Patients Encounter and Their Use of Recommended Screening Colonoscopy. American Public Health Association, 137th Annual Meeting, November 7-11, 2009, Philadelphia. Oral.

Sros, L., **Xirasagar, S.** Hurley, T., Ali, M, Probst, J.C., Hardin, J.W., Hebert, J.R. Rurality and Area-based Socio-economic Status of Patients' Residence as Predictors of Screening Colonoscopy Utilization. American Public Health Association, 137th Annual Meeting, November 7-11, 2009, Philadelphia. Poster.

Xirasagar, S. Hurley, T., Sros, L., Hussey, J.R., Hebert, J.R. Primary Care Physicians Performing Screening Colonoscopy: Patient Compliance Improvements and Colorectal Cancer Disparities Reduction Potential. American Public Health Association, 137th Annual Meeting, November 7-11, 2009, Philadelphia. Presenter, Poster.

Xirasagar, S., Kanwat, C.P., Qu, H., Shewchuk, R.M., Li, Y.J., Sros, L. Restaurant Industry Preparedness Against Intentional Food Contamination: A Data-driven Strategy for Food Defense Education. American Public Health Association, 137th Annual Meeting, November 7-11, 2009, Philadelphia. Presenter, Podium.

Shah, K.Y., **Xirasagar, S.**, Stoskopf, C.H. A Qualitative Study of Current Status and Emerging Trends of Medical Care Outsourcing. American Public Health Association, 136th Annual Meeting, October 25-29, 2008, San Diego. Presenter, Poster.

Xirasagar, S. Hurley, T., Sros, L., Hebert, J.R. Quality and Case Yield of Screening Colonoscopies Performed by Primary Care Physicians. American Public Health Association, 136th Annual Meeting, October 25-29, 2008, San Diego. Presenter, Podium.

Xirasagar, S., Hurley T, Sros, L., Hebert, J.R. Quality and Case Yield of Screening Colonoscopies Performed by Primary Care Physicians. Academy Health 2008 Annual Research Meeting, Washington DC, June 8-10, 2008. Presenter, Poster.

Xirasagar, S., Shewchuk, R., Kanwat, C.P., Sros, L. Employee Management and Training Practices Reflecting the Preparedness of South Carolina Restaurants to Preempt Malicious/Bio-terrorist Food

Contamination. Academy Health 2008 Annual Research Meeting, Washington DC, June 8-10, 2008. Presenter, Poster.

Xirasagar, S., Elder, K.T. A Survey for Minority Population Evacuation Prediction and Resource Planning, Based on Katrina Evacuees Focus Groups. Academy Health 2007 Annual Research Meeting, Orlando, FL, June 3-5, 2007. Presenter, Poster.

Xirasagar, S., Lin, H.C. Total Hip Replacement Quality and Cost: Practice Makes Perfect – Procedure Volume Versus Operative Time, Rehabilitation, Total Costs, and LOS. American Public Health Association, 135th Annual Meeting, November 3-7, 2007, Washington DC. Presenter, Podium.

Xirasagar, S., Elder, K.T. A Survey for Minority Population Evacuation Prediction and Resource Planning, Based on Katrina Evacuees Focus Groups. Academy Health 2007 Annual Research Meeting, Orlando, FL, June 3-5, 2007. Presenter, Poster.

Xirasagar, S., Lin, H.C. Total Hip Replacement Quality and Cost: Practice Makes Perfect – Procedure Volume Versus Operative Time, Rehabilitation, Total Costs, and LOS. Academy Health 2007 Annual Research Meeting, Orlando, FL, June 3-5, 2007. Presenter, Poster.

Laditka, S.B., Laditka, J.N., **Xirasagar, S.,** Cornman, C.B., Davis, C.B. Preparedness Lessons Learned from Nursing Homes that Sheltered Hurricane Katrina Nursing Home Evacuees. South Carolina Aging Research Day, April 13, 2007.

Elder, K, **Xirasagar, S,** Bowen, S.A., Maitra, D. African Americans' Evacuated After the Storm: Factors Impacting Their Social Vulnerability to Hurricane Katrina." American Public Health Association, 134th Annual Meeting, November 4-8, 2006, in Boston, MA. Black Caucus, Podium.

Xirasagar, S, Elder, K, Bowen, S.A., Maitra, D. African Americans' Evacuation Response During Hurricane Katrina: Changes Needed in Preparedness Planning." American Public Health Association, 134th Annual Meeting, November 4-8, 2006, in Boston, MA. Presenter, Podium.

Xirasagar S., Laditka S.L., Laditka, J.N., Cornman, C.B., Richter, J.E.V. Han, W.M. Impact of Disaster Preparedness and Management Training on MPH Students' Knowledge, Attitudes, and Planned Public Health Practice. American Public Health Association, 134th Annual Meeting, November 4-8, 2006, in Boston, MA. Presenter, Poster.

Xirasagar, S., Samuels, M.E., Curtin, T.F. Effective Leadership Styles for Medical Directors of Community Health Centers. National Association of Community Health Centers Annual Convention and Community Health Institute, August 25-29, 2006 in Chicago. Presenter, Podium.

Samuels, M.E., **Xirasagar, S.,** Reynolds, D. Innovative Collaboration Strategies for Successful Health Center-Hospital Partnerships. National Association of Community Health Centers Annual Convention and Community Health Institute, August 25-29, 2006 in Chicago. Presenter, Podium.

Samuels, M.E., **Xirasagar, S.,** Community Health Center Governance Effectiveness – Findings from a National Survey of CHC Board Chairs. NACHC Annual Convention and Community Health Institute, August 25-29, 2006 in Chicago. Presenter, Poster

Xirasagar, S. Factorial Validity of the Transformational, Transactional and Laissez-faire Leadership Constructs Among Physician Executives. AcademyHealth 2006 Annual Research Meeting, Seattle, WA, June 25-27, 2006. Presenter, Poster.

Samuels, M.E., **Xirasagar, S.** The Rural Safety Net: Collaboration Between Rural Community Health Centers and Critical Access Hospitals. AcademyHealth 2006 Annual Research Meeting, Seattle, WA, June 25-27, 2006. Presenter, Poster.

Laditka, S.B., **Xirasagar, S.**, Laditka, J.N., Cornman, C.B., Davis, C.B., Richter, J.E. Readiness is All: Using an Experiential Exercise in Nursing Home Preparedness to Train Future Health Care Managers. Association of University Programs in Health Administration (AUPHA) 2006 Annual Meeting, Seattle, WA, June 22-25, 2006. Poster.

Laditka, S.B., Laditka, J.N., **Xirasagar, S.**, Cornman, C.B., Davis, C.B. Ready or Not? Perceptions About Preparedness in Nursing Homes Before and After Hurricane Katrina. AcademyHealth 2006 Annual Research Meeting, Seattle, WA, June 25-27, 2006. Podium.

Elder, K., **Xirasagar, S.**, Bowen, S.A., Maitra, D. Disparities in Hurricane Katrina Evacuation: Factors in African Americans' Evacuation Response, AcademyHealth 2006 Annual Research Meeting, Seattle, WA, June 25-27, 2006. Poster.

Laditka, S.B., Laditka, J.N., **Xirasagar, S.**, Cornman, C.B., Davis, C.B., Richter, J.V.E. Disaster Preparedness in South Carolina Nursing Homes. 3rd Annual South Carolina Aging Research Day, Mount Pleasant, SC, April 7, 2006, Podium.

Xirasagar, S., Lin, H.C. Cultural Factors in Maternal Choice of Cesarean Delivery in Taiwan: A Five-Year Population-based Study. 133rd Annual Meeting of the American Public Health Association, Philadelphia, December 10-14, 2005. Presenter, Poster. Abstract #104139

Xirasagar, S., Samuels M.E. National Survey of Critical Access Hospital and Rural Community Health Center Collaboration. 133rd Annual Meeting of the American Public Health Association, Philadelphia, December 10-14, 2005. Presenter, Podium. Abstract #112172

Xirasagar, S., Samuels, M.E., Curtin, T.F. Physician Executive Training and Disease Management Goal Achievement. 2005 Disease Management Leadership Forum, sponsored by the Disease Management Association of America, San Diego, California, October 16-19, 2005. Presenter, Poster.

Xirasagar, S., Samuels, M.E., Curtin, T.F. Management Training of Community Health Center Medical Directors and Effectiveness. 2005 Annual Convention and Community Health Institute of the National Association of Community Health Centers. Presenter, Continuing Education session, Miami, Florida, September 18-20, 2005.

Samuels, M.E., Xirasagar, S., Wilhide, S.D. Model Relationships Between Rural Community Health Centers and Hospitals. Office of Rural Health Policy – All Programs Meeting, August 25, 2005.

Xirasagar, S., Samuels M.E., Stoskopf, C.H. Management Training of Medical Directors of Community Health Centers, and Association with Leadership Styles and Effectiveness. Presented at the 132nd Annual Meeting of the American Public Health Association, Washington DC, November 6-10, 2004. Presenter, Podium. Abstract #86150

Elder, K., Xirasagar, S. Examining reasons for physician contract denials and terminations: Strategic behavior or something else. 132nd Annual Meeting of American Public Health Association, Washington DC, November 6-10, 2004. Abstract # 90816.

Xirasagar, S., Samuels, M.E., Stoskopf, C.H. An Empirical Study of Leadership Styles Among Physician Leaders, and Association of Specific Styles with Leadership Effectiveness. Presented at the 131st Annual Meeting of the American Public Health Association, San Francisco, November 15-19, 2003. Presenter, Podium. Abstract # 89624.

Xirasagar, S. , Stoskopf, C.H. A Survey of Women Faculty in AUPHA Accredited Programs in North America. Presented at the Association of University Programs in Health Administration Annual Meeting, Women Faculty Forum, Washington D.C. June, 1998. Presenter, Podium.

REFEREED PRESENTATIONS AT STATE & REGIONAL SCIENTIFIC MEETINGS

Tsai M.H., Xirasagar, S., Li, Y.J., de Groen, P.C. Utility of surveillance colonoscopies done as per guidelines – Polyps found and their significance for cancer prevention. 2015 Annual Meeting of the South Carolina Public Health Association, May 20-22, 2015, West Columbia, SC. Poster.

Onyeajam, D., Xirasagar, S. Will near Universal Health Coverage impact mortality disparities among the uninsured in the US adult population? South Carolina Public Health Association Annual Meeting, May 20-22, 2015, Columbia SC.

Li, Y.J., Fernandes, PR, **Xirasagar, S.**, Mecham J. Impact of an Interactive HIV-Education Module for College Students and Health Worker Trainees. Annual conference of the South Carolina Public Health Association, May 25-28, 2010, Myrtle Beach, South Carolina. Poster.

OTHER/UNREFEREED PRESENTATIONS AND PUBLISHED ABSTRACTS

Tsai, M.H., **Xirasagar, S.**, Li, Y.J. Racial disparities in colonoscopy screening among persons with a family history of colorectal cancer. 7th Annual James E. Clyburn Health Disparities Lecture Meeting, Apr 11, 2014, South Carolina, Poster session.

Li, Y.J., **Xirasagar, S.**, Hurley, T.G., Tsai, M.H. Right-sided adenoma prevalence and histology among African Americans vs. Whites and policy implications for reducing racial disparities in colorectal cancer, University of South Carolina, 7th Annual James E. Clyburn Health Disparities Lecture Meeting, April 11, 2014, Columbia, SC. Poster.

Kanwat, C.P., **Xirasagar, S.**, Li, Y.J. South Carolina Food Defense Survey Results – Strengths and Gaps. Food and Drugs Administration Southeast Region Annual Retail Food Safety Seminar, November 3-5, 2009. Myrtle Beach, SC. Invited presentation – Podium.

Xirasagar, S. Hebert, J.R. Roundtable topic leader. National Cancer Institute, Cancer Health Disparities Summit 2008, July 14-16, 2008. Bethesda, MD.

Xirasagar, S., Hurley, T.G., Sros, L., Hebert, J.R. Quality and Case Yield of Screening Colonoscopy Performed by Primary Care Physicians. National Cancer Institute, Cancer Health Disparities Summit 2008, July 14-16, 2008. Bethesda, MD. Published abstract.

Xirasagar, S., Mansaray, A., Hurley, T.G., **Sros, L.**, Hebert, J. R. Screening Colonoscopy Completion Rates Among Patients of African American Primary Care Physicians Trained in Colonoscopy. National Cancer Institute Cancer Health Disparities Summit 2008, July 14-16, 2008. Bethesda, MD. Presenter, Podium.

Xirasagar, S., Hurley T.G., Hebert, J.R. Expanding African Americans' Access to Screening Colonoscopy: How Effective and Safe are Primary Care Physician-Performed Procedures? University of South Carolina, James E. Clyburn Health Disparities Lecture Series, Forging Solutions through Research and Practice, April 25, 2008, Columbia, SC. Presenter, Poster.

FUNDED RESEARCH

Ongoing:

Title: *Reducing Colorectal Cancer Disparities: Supplement to Increase Sample Size*

Funding agency: National Cancer Institute; 09/01/2016 – 08/31/2017; Funding: \$128,345

PI: **Xirasagar, S.** Co-investigators: Zhang, J, de Groen P.C.

This project expands sample size and specific aims to evaluate age related polyp differences by race that are relevant for colorectal cancer prevention.

Title: *Reducing Racial Disparities in Colorectal Cancer: Racial Differences in Polyp Profile*

Funding agency: National Cancer Institute; 01/2016-12/2017. Funding: \$339,000

PI: **Xirasagar, S.** Co-investigators: Zhang, J, de Groen P.C.

This project will study age-related differences in polyp initiation, progression and cancer transformation potential based on histology and other features suggestive of advanced status between Blacks and Whites using a large polyp database at a South Carolina colonoscopy center that is validated to have achieved near complete polyp removals at screening colonoscopy (based on documented, very high colorectal cancer prevention rates).

Title: *Improving Stroke Outcomes: Role of Ambulance Transportation in Stroke Outcomes and Reasons for Non-use of Ambulance transportation.*

Funding source: Genentech, Inc. PI: Xirasagar, S. 11/2015 – 10/2017; Total funding: \$240,337

This project will study the patterns of and impact of the mode of transportation following a stroke on time to initiation of treatment and 90-day outcomes, as well as patient and system factors in the chosen transportation mode.

Completed:

Title: *Technical Assistance to develop an enhanced curriculum for the master of public health program in Saudi Arabia*

Funding agency: College of Public Health and health Informatics (CPHHI), King Saud Bin Abdul Aziz University for Health Sciences, Saudi Arabia, 06/-1/2013 – 05/31/2016

PI: Khan, MM; Co-PIs: **Xirasagar S.,** Addy, C. Effort: 7.5%

Purpose: The goal is to develop curricula for each of their three Master of Public Health programs, to assist Saudi faculty in adopting suitable pedagogical material and processes to ensure competency-based education, and develop assessment tools for evaluation of curricular effectiveness. The project will also partner with local faculty develop health services and public health research proposals for funding by the Ministry of health of Saudi Arabia.

Title: *Evaluation of the Impact of Providence Hospital's Primary Care Referral Program on ER Visits and Inpatient Admissions*

Funding source: Providence Hospital 09/2014 – 05/2015; Funding amount: \$33,212

PI: **Xirasagar, S.** % effort: 11%

This project will assess the changes in ER visits by frequent ER fliers to Providence Hospital ER following establishment of a free primary care medical home.

Title: *Sip-09-0002 South Carolina Cancer Prevention and Control Network (SCCPCRN)*

Funding Agency: National Center for Chronic Disease Prevention and Health Promotion/(CDC)

Grant/contract #: #U48DP001936-01W1; \$1,500,000 (direct costs) Effort: 2%

PI: Hebert, J.R. Role: Co-investigator, 2% effort; 9/30/2009-9/29/2014

This grant established the South Carolina Cancer Prevention and Control Research Network (SCCPCRN) as one of 10 centers of the CPCR. The overall project goal is to develop infrastructure to reduce and ultimately eliminate cancer disparities.

Title: *Reducing cancer disparities: Incident cancer after colonoscopies by primary care physicians*

Funding agency; National Cancer Institute 1R15CA156098-01

Total funding: \$319,050, 01/6/2011 to 12/31/2013. Effort: 30%

PI: **Xirasagar, S.** Key Personnel: Hardin, J.W., Hurley, T.G., Zhang, J

This project evaluated the quality of PCP-performed colonoscopies as compared to controls (specialist colonoscopies performed under the same protocol among patients drawn from the same geographic area, and evaluated the colorectal cancer protection conferred by these colonoscopies relative to the documented CRC protection rates documented in national randomized control trials, and relative to a control cancer, lung cancer.

Title: *Bangla Desh Health Facilities Survey 2011*

Funding agency; The World Bank; Total funding: \$239,900; 07/1/2011 to 12/31/2011.

PI: Mahmud Khan, Investigator: **Xirasagar, S.** Effort: 12%

This project conducted an infrastructure and functional analysis of the publicly funded segment of the health care delivery system in Bangla Desh

Title: *SCOPE-SC Colonoscopies: Quality Indicators and Equity of Patient Referrals*

Funding Agency: SC Department of Health and Environmental Control

PI: **Xirasagar, S.**, Effort: 9.3%; Total funding: \$12,000, 08/01/2010 – 02/01/2011

The project evaluated the Program "Screening Colonoscopies on People Everywhere in South Carolina, SCOPE-SC" using Year I screening data.

Title: *SCCDCN: Impact of Colonoscopies Performed by Primary Care Physicians*

Funding Agency: National Cancer Institute, under the South Carolina Cancer Disparities Network grant.

Project Leader: **Xirasagar, S.** Parent SCCDCN grant PI: Hebert, J. Co-investigators: Hurley, T. Effort: 3.84 cal. months.

Funding: \$49,979 in direct costs from NCI, \$21,000 from USC sources, total \$70,979 in direct costs, 08/01/2007 to 07/31/2008 Grant #: 3 U01CA114601-03S5

This project examined the quality and efficacy of screening colonoscopies performed by primary care physicians and the impact of training African American PCPs on their patient' colonoscopy screening rates.

Title: *Supplementary Research Effort to Enhance the Policy Relevance of an NCI-funded Project on Colorectal Cancer Disparities*

Funding Agency: Intramural - University of South Carolina, Office of Research and Health Sciences, Cancer Prevention and Control Program, South Carolina Cancer Center, Dept of Health Services Policy and Management.

PI: **Xirasagar, S.**

Total funding: \$21,000, 08/01/2007 to 07/31/2008

This project supplemented the NCI-funded 3 U01CA114601-03S5, to enable data collection on patient panels of an additional 6 African American untrained primary care physicians to provide a comparison group for better policy relevance of the study's findings.

Title: *Using Existing State-wide Survey Data for Cost-effective, Targeted, Food Defense Education for Restaurants in SC*

Funding Agency: US Food and Drugs Administration, Grant # 1 U13 FD003615-01 via SC Dept of Health and Environmental Control.

USC PI: **Xirasagar, S.** Effort: 1.0 calendar month; Funding: Total = \$40,000. USC Subcontract: \$23,200 direct costs 10/01/2008 to 9/31/2009.

The study analyzed data collected from CDC-funded Food Defense Survey project to develop a targeted information dissemination approach, to reach vulnerable restaurant types, and to disseminate selected food defense information based on data analysis results.

Title: *Food Defense Survey in South Carolina*

Funding agency: CDC through the South Carolina Department of Health and Environmental Control.

USC PI: **Xirasagar, S.** Co-investigator: Smith, L. (SC DHEC Co-PI C.P. Kanwat)

Total funding: \$90,532; 08/21/2006 to 08/15/2007 CDC Grant # U90TP416976-06

This project developed an actionable, valid and reliable survey tool for SCDHEC's Division of Food Protection, and assessed the preparedness of South Carolina's commercial food service establishments to prevent bioterrorist acts.

Title: *Protecting Our Most Vulnerable Citizens: Lessons Learned from Katrina to Improve Readiness in Nursing Homes*

Funding Agency: University of South Carolina, Office of Research and Health Sciences, Coastal Resiliency Information Systems Initiative for the South East (CRISIS)

10/2005 to 03/2006; Total funding: \$25,000

PI: Ladikta, SB; Co-investigator: **Xirasagar, S.**

This project evaluated pre-Katrina disaster preparedness plans of nursing homes in Hurricane Katrina affected areas and how they worked or did not work, through phone surveys and visits to nursing homes that received evacuees from the affected areas.

Title: *Disparities in Evacuation Response: Identifying the Factors Affecting Minorities' Response to Evacuation Requests*

Funding Agency: University of South Carolina, Office of Research and Health Sciences, Coastal Resiliency Information Systems Initiative for the South East (CRISIS)

10/2005 to 03/2006; Total funding: \$25,000

Co-PIs: **Xirasagar S.**, and Elder, K.

This project identified the factors influencing African Americans' response to evacuation requests in disaster situations using qualitative research in a theory driven framework. It also developed a comprehensive generic framework and survey instrument to measure ethnic and racial disparities in safety and health decisions in disasters.

Title: *Readiness is all: Experiential and Interactive Learning Modules for Public Health Preparedness*

Funding Agency: CDC funding through the Center for Public Health Preparedness, Arnold School of Public Health, University of South Carolina, Dean's Faculty Scholar Program

05/01/2005 to 08/15/2005; Total funding:\$20,000

PI: Ladikta, SB; Co-investigator: **Xirasagar, S.**

This was a project to develop education and training modules for public health students in public health preparedness for complex disasters. The project also developed an original case study on the disaster preparedness needs and perspectives of long term care institutions.

Title: *The Role of Community Boards in Community Health Centers*

Funding agency: National Rural Health Association from the Technical Assistance for Migrant and Community Health Centers Grant, Bureau of Primary Health Care, Health Resources and Services Administration, U.S. Public Health Service.

01/10/2003 to 12/31/2004; Total funding: \$40,000.

PI - Samuels, ME, University of Kentucky School of Medicine.

Co-PI and USC PI – **Xirasagar, S.**

This was an exploratory survey to examine the role of the governing boards of the federally-funded community health centers in the US to make recommendations for improving centers' functioning.

Title: *Collaborative Relationships Between Community Health Centers and Critical Access Hospitals*

Funding agency: National Rural Health Association from the Technical Assistance for Migrant and Community Health Centers Grant, Bureau of Primary Health Care, Health Resources and Services Administration, U.S. Public Health Service.

01/10/2002 to 09/30/2004; Total funding: \$30,000.

PI: Samuels, ME, University of Kentucky School of Medicine; Co-PI and USC PI: **Xirasagar, S.**

TEACHING

Advanced Topics in Health Policy and Management – II HSPM 846: Health Care Content, Design and Delivery. Core course in the HSPM doctoral program.

Advanced Topics in Health Policy and Management – I HSPM 845: Health System Design, Financing and Performance.. Core course in the HSPM doctoral program.

International Health – Problems, Systems, Policies, & Program Management (Graduate) – HSPM J772: Elective for master's and doctoral students university-wide (taught in studio setting for distance-based format)

PROFESSIONAL AFFILIATIONS

Member, American Public Health Association, the national society of public health professionals and researchers.

Member, Global Health Council, the professional society of international health professionals

Member, Population Reference Bureau, a professional organization on international demographic and population issues.

JOURNAL EDITORIAL BOARDS

Associate Editor, *BMC Health Services Research*, November 2010 to present

HONORS & AWARDS

Nominated to the James A. Keith Best Teacher of the Year award, Arnold School of Public Health – 2009 and 2010

Delta Omega Society, Mu Chapter

AWARDS RECEIVED BY MENTORED STUDENTS/FELLOWS

Yi-Jhen Li, Doctoral student, Dean's Travel Awards, Arnold School of Public Health, University of South Carolina, Podium presentations at the American Public Health Association meetings, November 2013, October 2012, November 2010.

Yi-Jhen Li, American Public Health Association 141st Annual Meeting November 4-8, 2013 Medical care Section Student Session Award for best abstract awarded to Yi-Jhen Li for doctoral dissertation research abstract:

Yi-Jhen Li, Doctoral student, Dean's Travel Award, Arnold School of Public Health, University of South Carolina, Poster presentation at the Academy Health's Annual Research meeting, Baltimore, June 2013

Meng Han Tsai, Doctoral student, Dean's Travel Award and USC Graduate School Travel Award, Arnold School of Public Health, University of South Carolina, poster presentation at the American Public Health Association meeting, Washington DC, November 2013

South Carolina Academy of Sciences. Horace Byrne Explorers Club Award for Outstanding Frontier Science by a Graduate Scientist awarded to Yi-Jhen Li, PhD candidate for mentored research presentation on "Impact of an interactive HIV-education Module for College Students and Health Worker Trainees," Annual meeting 2010, April 9, 2010 at Charleston.

DOCTORAL DISSERTATIONS SUPERVISED (COMMITTEE CHAIR)

Monique Williams, "Referral and utilization of oral health services pregnant women and association with maternal and child health outcomes – a study using South Carolina PRAMS data," in progress.

Lumi Bakos, "Tobacco and alcohol use, and the use of mental health services in the US population," in progress.

Tsai, Meng-Han, "Frequency of Colonoscopy Surveillance in Average-risk Adults Relative to Guideline Recommendations." Spring 2016

Yi-Jhen Li, "Comparison of quality of screening colonoscopy between primary care physicians and specialists as a function of protocol elements," Summer 2013.

Hasan Areabi, “Relative Contribution of Care Process vs. Patient Factors in the Likelihood of Ventilator-Acquired Pneumonia and Related Mortality Among ICU Patients,” Summer 2012

Lisa Melvin, “Profile of Diabetes-Related Lower Extremity Amputations: Incidence, Costs and Utilization Patterns Associated with Payer Type and Plan Type,” Summer 2012

Andre Melvin. “Hospital Ownership vs. Intensity of Care Provided to Patients with Selected High-cost Conditions – A Nationwide Study,” Summer 2012

Margarita Pate. “Hospital Cost shifting Behavior for Selected High-Cost Conditions Under Medicaid Managed Care Burden – A Nation-wide Study,” Summer 2012

Sean Wu, “Association of Medication Compliance Rate with Stroke Incidence Among Adult Onset Diabetes Patients in Taiwan” Spring 2012.

David Chaokai Chang, “Global Budgeting - Do Providers Progress from Dysfunctional Tragedy of the Commons Behavior to a Cooperative Nash Equilibrium. “ fall 2010.

Lekhena Sros, “Diminution of geographic disadvantage of racial and underserved population by training primary care doctors in colonoscopy,” spring 2010.

John Fuh, “A Comparison of Birth Outcomes of Native and Foreign-born Mothers in Taiwan and the Factors Impacting the Differences,” fall 2009.

Keith Shah, “Current Status and Emerging Trends of International Medical Outsourcing in the United States – A Qualitative Study,” fall 2007 (Dissertation co-chair).

LANGUAGE SKILLS

French: Basic French (comprehend and speak simple conversational and written French)

Five Indian Languages: Fluent in conversation, four languages with reading capability.

SERVICE

JOURNAL REFEREE

American Journal of Public Health

Medical Care

British Journal of Obstetrics and Gynecology

Journal of Public Health Management and Practice

Cancer Epidemiology, Biomarkers and Prevention

American Journal of Managed Care

Health Policy

BMC Health Services Research

BMC Public Health

Journal of Health Organization and Management

Gut, British Medical Journal group

HealthCare Management Review

Health Promotion Practice

Journal of Health Administration Education
Social Science and Medicine
Southern Medical Journal

REFeree FOR NATIONAL SCIENTIFIC CONFERENCES

- *American Public Health Association 140th Annual Meeting 2012, Medical Care Section, and Health Services Research section abstracts*
- *American Public Health Association 139th Annual Meeting 2011, Medical Care Section, and Health Services Research section abstracts*
- *American Public Health Association 138th Annual Meeting 2010, Medical Care Section, and Health Services Research section abstracts*
- *American Public Health Association 137th Annual Meeting 2009, Medical Care Section, and Health Services Research section abstracts*
- *American Public Health Association 136th Annual Meeting 2008, Medical Care Section, Reviewer, History of Public Health sub-section abstracts*
- *American Public Health Association 136th Annual Meeting 2008, Medical Care Section, Reviewer, Health Services Research sub-section abstracts*
- *Global Health Council 2008 Annual Conference, Primary Health Care Abstracts reviewer*
- *American Public Health Association 135th Annual Meeting 2007, Medical Care Section, Reviewer, Solicited Session Abstracts*
- *American Public Health Association 135th Annual Meeting 2007, Medical Care Section, Reviewer, Quality Improvement sub-section abstracts*
- *American Public Health Association 135th Annual Meeting 2007, Medical Care Section, Reviewer, Health Services Research sub-section abstracts*
- *American Public Health Association 133th Annual Meeting 2005, Women's Issues Section.*

RESEARCH, TRAINING & CONSULTANCY IN INDIA

Prior to beginning doctoral training at the University of South Carolina in 1997, Dr. Xirasagar directed the Training and Research Division at the Indian Society of Health Administrators, in India. She developed and conducted hospital and health administration training programs for physicians, nurses, and public health care administrators, obtained grants for public health, health services and management research, and health education projects, and directed these projects. Dr. Xirasagar also has extensive research and consulting experience in India in the areas of reproductive health, women and child health issues, and communicable diseases, notably HIV-AIDS, tuberculosis, and malaria. Selected projects and accomplishments are listed below.

Leadership as Principal Investigator

Title: *Health Care Waste Management and Radiation Hazards from Diagnostic X-ray Installation Facilities in Hospitals and Nursing Homes in two major cities of Karnataka State, India.*

Year: FY1996-97

Funding Agency: Environmental Fund for NGOs, a non-government organization (NGO) focused on environmental issues in developing countries.

Led a team of four researchers. Findings of this study culminated in workshops in Bangalore city for hospital managers and owners on safe waste disposal methods.

Title: *Preparation of Project Proposals for Strengthening Government Secondary level Hospitals financed by cross-subsidized sliding fee scale for indigent population access in the State of Kerala*

Year: 1996-97

Funding agency: World Bank through Government of Kerala.

Led a team of two investigators. The proposal was developed based on an assessment of current infrastructure, comprehensive assessment of health and illness profile, present infrastructure, and projected needs by 2010.

Title: *Comprehensive Study of Reproductive Health of Women, and Factors influencing Child Survival and Safe Motherhood in Karnataka State*

Year: 1996-97

Funding agency: UNICEF and Department of Women and Child Development, Govt. of Karnataka.

Led a team of 16 field researchers. Findings of the study led to a comprehensive action plan by the Department of Women and Child Development to enhance the role of government-sponsored toddler care and supplementary nutrition centers for mother and child health promotion. The study showed significant nutritional and pre-school child educational improvements over Dr Xirasagar's survey seven years earlier in the backward districts of the state.

Title: *Health and Nutritional Status of the Female Child in Rural Karnataka, to Enable Development of a State Action Plan for Female Child Health and Development*

Year: 1995

Funding agency: UNICEF and Department of Women and Child Development, Govt. of Karnataka.

Survey covered over 6000 rural families with children in the age group 0-6 years, in rural Karnataka.

Findings of the study stimulated awareness of the dynamics of the problem, stimulated a drive to sensitize district and local child development program officials and workers to female child issues, and contributed significantly to developing the state action plan for female child health development.

Title: *Comprehensive Study of Health Status of Youth in Poor Neighborhoods of a Major Metropolitan City - Bangalore*

Year: 1993

Funding agency: Department of Science and Technology, Government of India.

The study covered 1048 female and 945 male youth in 25 neighborhoods of concentrated poverty, selected on stratified random sampling basis. Findings showed major issues of sexual health, reproductive health, education and self-esteem, risky sex behaviors, and general health issues among adolescents. Based on this study, Dr Xirasagar directed a major educational intervention program targeting adolescents and young parents. The study findings have had far-reaching impact on her understanding of the dynamics of families in poverty, illiteracy, and counter-productive risk behaviors, and this has enabled a comprehensive understanding of the scope of community intervention projects in poor communities.

Co-Principal Investigator and Co-investigator

Title: *Evaluation of the impact of 60 Non Government Organizations (NGO) in five southern states and one Union Territory, assisted by the Government of India for Family Planning and Mother and Child Health facilitation in difficult areas/hard to reach populations*

Year: 1995

Funding agency: Ministry of Health & Family Welfare, Government of India

Led a team of three investigators to evaluate the impact of the NGO in terms of family planning adoption and childhood immunization, surveying the population covered using a quasi experimental design

Title: *Evaluation of the Impact of Widows' Pension and Maternity allowance for Landless Agricultural Laborers in Karnataka State, on Women and Children's Health*

Year: 1995

Funding agency: Department of Women and Child Development, Government of Karnataka

The survey covered about 2500 agricultural women laborers and their children, and 2500 widows in about 360 villages selected from 50% of district sub-divisions. Findings of this study led to revamping of the logistics of these two programs for better identification of target beneficiaries.

Title: *Preparation of Project Proposals for Strengthening Family Welfare and Mother and Child Health Infrastructure with World Bank Assistance for six North-Eastern States of India,*

Year: 1994

Funding agency: World Bank through the Govt. of India's Ministry of Health and Family Welfare.

Led the project planning and participated as member of a two-person team of researchers. The proposals formed the basis for World Bank assistance for improving health and family welfare infrastructure, based on comprehensive assessment of present health and infrastructure status and future needs by 2010.

Title: *Technical and administrative assistance to USAID in strengthening (Non-Government Organizations (NGOs) for mother and child health and family welfare work, in rural/tribal areas, and the urban poor of India, under the Project for Voluntary Organizations in Health (PVOH) Scheme*

Year: 1992-94

Funding agency: USAID and Ministry of Health & Family Welfare, Government of India

Dr Xirasagar was responsible to coordinate the Project, serve as a key trainer, coordinate the training programs, and prepared the reports. It involved capacity-building among USAID's recipient NGOs for establishing sustainable, community-based reproductive health, nutrition and health promotion activities, and general community development. Technical assistance covered training and leadership development, publication of training materials/perspective documents, qualitative evaluation of performance, and documentation of model projects. Following the intervention, a number of fledgling NGOs picked up speed and continue to serve the population long after USAID support was terminated. A number of them continue to attract accolades at the national level for innovative community development work. Based on this project, Dr Xirasagar was responsible to prepare the policy document, "The Third Force in Health Care – The voluntary sector", subsequently used as training material for civil service administrators, NGO donor agencies, training organizations in rural health, medical college preventive medicine departments, and government health departments.

Title: *Study of Present Stock of Health Manpower and Projected requirements by 2000, and 2020, in five Southern States, one North Eastern State and one Union Territory of India.*

Year: 1992

Funding agency: World Health Organization through the Ministry of Health and Family Welfare, Government of India

Participated in a team of six researchers. Led the questionnaires development, plan of data collection,

coordinating project logistics, and field research in three states. Lead author in writing the report. The report generated considerable debate and impact in policy circles, in the light of some key findings related to primary care physicians and specialist manpower.

Title: *Study of Organizational, Program, and Community Factors in Malaria Resurgence in Karnataka*
Year: 1992

Funding agency: Indian Council of Medical Research, and the Government of Karnataka.

Participated in a team of eight researchers. Led the development of the research project plan, data collection, data analysis and report preparation. The methodology involved selection of the best and worst performing districts of the four regions of the state, based on malaria program performance data, and state-level as well as Primary Health Center level performance evaluation, key informant interviews with malaria program personnel, and community surveys in villages selected by program relevant factors. Findings of the survey established the critical role of program logistics rather than insecticide or parasitic drug resistance in the problem of endemic malaria in Karnataka and similarly positioned states. The study led to corresponding shifts of emphasis of program managers to program logistics and monitoring.

Unfunded research (Principal Investigator/Co-investigator)

Title: *Study of the efficacy of supervised regimen of twice weekly high dose isoniazid and streptomycin in treatment of acquired isoniazid resistance under conditions of District Tuberculosis Program in India.*

Year: 1986-88

Employer: National Tuberculosis Institute, Government of India, Bangalore

Title: Co-investigator: *Study of the operational efficacy and applicability of two short-course chemotherapy regimens under urban tuberculosis program conditions.* 1987-89.

Year: 1987-89

Employer: National Tuberculosis Institute, Government of India, Bangalore.

PROFESSIONAL TRAINING ACTIVITIES IN INDIA

Marketing and organization of health and nursing administration training programs, and workshops.

Co-trainer in over one hundred short professional training programs for medical, nursing, non-medical hospital and health administrators, on hospital management, public health, family welfare and maternal and child health programs, HIV-AIDS prevention and control, and hospital infection control, for central, state and local government personnel, NGOs, industrial health service personnel, etc., all over India.

COMMUNITY HEALTH EDUCATION AND SERVICE PROJECTS IN INDIA

Title: *Healthy Lifestyle and HIV AIDS awareness education covering about 1500 students of girls' high schools, and 2000 Bus drivers and conductors of the Karnataka State Road Transport Corporation,*

Year: 1996-1997

Funding agency: Government of Karnataka, India.

Title: *Half-day awareness sessions for leaders of 60 NGO partners of the Christian Children's Fund, in South India, on "Mother and child health and HIV-AIDS prevention"*

Year: 1995-96

Funding agency: Christian Children's Fund, India.

Title: *2-day workshops for rural male and female youth leaders of five district subdivisions of Belgaum District in Karnataka state, on “Promoting the family’s physical, mental and emotional health and prevention of HIV-AIDS in the community”,.*

Year: 1996-97

Funding agency: MYRADA, a rural women’s development NGO headquartered at Bangalore.

Conducted five workshops covering 200 youth leaders on self-development and HIV prevention.

Title: *Half-day educational sessions on “Developing lifestyles and attitudes for physical, mental and emotional health, and HIV-AIDS prevention”for high school children”* Year: 1996-97

Funding agency: Karnataka State Government, Department of Education.

The project consisted of half day health education sessions for about 1500 high school girls of public and missionary schools chiefly serving lowermiddle classes and below poverty population of Bangalore, to impart knowledge/skills for healthy self-development and HIV-AIDS prevention.