

GAUTAM N. YADAMA
Boston College School of Social Work
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Chestnut Hill, MA 02467
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Academic Preparation

Wilkes University, Wilkes-Barre, PA	Management	B.S.	1983
Case Western Reserve University	Social Policy and Planning	M.S.S.A.	1985
Case Western Reserve University	Social Policy and Planning	Ph.D.	1990

Languages

Fluency in English, Telugu, and Hindi
Intermediate Nepali

Academic/ Professional Appointments

2016-present Dean and Professor, School of Social Work, Boston College, Chestnut Hill, MA (from July 1, 2016)

As the Dean, I am responsible for ensuring we continually innovate in social work education, research, and scholarship to prepare highly competent practitioners, and scholars focused on improving the quality of life for the most vulnerable and address social policy challenges confronting our communities, regions, and the country. In this role, I am responsible for shaping the vision and strategic direction of the school in training the next generation professional social work practitioners in the MS program and future academic scholars in the doctoral program. Another significant aspect of my role is to manage and deploy the financial and human resources of the school so that we are educating a diverse group of practitioners, on the cutting edge of social work practice, to address the most significant social challenges of the day here in the US and abroad.

2014-2016 Assistant Vice Chancellor for International Affairs-India, Washington University in St. Louis (Concluded in June, 2016)

Responsibilities included strategic planning implementation of research and educational collaborations with high-value partners in India. Strengthen cross-school collaborations at Washington University to undertake transdisciplinary research and education partnerships in India. Strengthen India-based research and educational collaborations between Washington University and its 28 partner universities around the globe with a particular focus on people, environment, and sustainable development.

2014- present Advisory Group Member, Implementation Science Network for Clean Cooking, Fogarty International Center, National Institutes of Health

Advise and shape a transdisciplinary research agenda with universities and multilateral agencies to build systematic and robust evidence on how to move the very poor to clean cooking and clean energy systems for better health and improved productivity.

2013-2016 Professor, George Warren Brown School of Social Work, Washington University in St. Louis, St. Louis, MO (Concluded in June, 2016; Emeritus Professor from December, 2016).

1996-2012 Associate Professor, George Warren Brown School of Social Work, Washington University, St. Louis, MO

2002-2013 Director of International Programs, George Warren Brown School of Social Work, Washington University, St. Louis, MO

Designed, managed, and implemented a successful Social Work Fellowship program in collaboration with the Open Society Foundation in seven countries. This program trained young scholars in social work and social policy fields from six post-Soviet countries (Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan) and Mongolia (2000-13). Several hundred graduates are now in professional positions across this region including some in the US. Developed two innovative programs in India and China. Winter Institute in System Dynamics for Rural Development in India, and Summer Institute in Social Work in China in collaboration with Peking University and Hong Kong Polytechnic University. The China program addressed subjects ranging from social development, migration, mental health, and aging.

2010 Fulbright Specialist grant in Social Work at the Ilia Chavchavadze State University, Republic of Georgia (declined)

2007-2009 Member, US Boren Fellowship National Nominating Panel (Six Members)

2007-2008 International Visiting Scholar, Baku State University, Azerbaijan (supported by Academic Fellowship Program, Open Society Institute, Budapest, Hungary)

1994-2006 Coordinator, Social & Economic Dev. Concentration, George Warren Brown School of Social Work, Washington University, St. Louis, MO

2005 Visiting Faculty, Winter Social Work School (Advanced Social Research Seminar) for Mongolian Social Work Faculty– Jointly organized with Center for Social Development, Mongolia and funded by Higher Education Support Program, Open Society Institute, Budapest (January)

2004 Visiting Faculty, Washington University International and Area Studies Summer Program on Civil Society and Emerging Democracy. Tbilisi, Republic of Georgia (June)

2004 Visiting Faculty, Summer Seminar on Social Work Education and Practice for Baku State University Faculty and Non-Governmental Organizations, Azerbaijan. Baku, Azerbaijan (July)

2004 Visiting Faculty Summer School on Social Work Research, Ulaanbaatar, Mongolia. (Funded by Higher Education Support Program, Open Society Institute, Budapest, Hungary)

2003 Visiting Faculty, Summer Social Work Seminar on social work curriculum for Baku State University Faculty, Baku, Azerbaijan (August)

2002 Visiting Faculty Summer School on Social Development, Jointly Organized by Washington University and Center for Social Development, Ulaanbaatar, Mongolia. (Funded by Higher Education Support Program, Open Society Institute, Budapest, Hungary) (June-July)

2000-2001 Senior American Fulbright Scholar, Kathmandu University, Kathmandu, Nepal

1991-1996 Assistant Professor, George Warren Brown School of Social Work, Washington University, St. Louis, MO

1990-1991 Assistant Professor, University of Nevada, Reno

1988-90 Program Researcher, Catholic Social Services, Cleveland, Ohio, USA

1986-1988 Research Associate, Income Maintenance Project, Mandel School of Applied Social Sciences, Case Western Reserve University, Cleveland, OH, USA

1986 Visiting Research Associate, Chulalongkorn Social Research Institute (CUSRI), Chulalongkorn University, Bangkok, Thailand (Land Titling Project funded by the World Bank), May-August

1985-1986 Research Assistant, Federation for Community Planning, Cleveland, OH

Peer Reviewed Publications

- Yadama, G.N. (1987). Patron-client relationships: Landless and landowners in South Asia. *Journal of Social Research*, 10(1-2), 83-97.
- Pandey, S., & Yadama, G.N. (1990). Conditions for local level community forestry action: A theoretical explanation. *Mountain Research and Development*, 10(1), 88-95.
- Yadama, Gautam. N. (1991). Non-governmental Action in Social Forestry: Empirical evidence. *Proceedings of the Tenth World Forestry Congress: Vol. 7. Policy and Institutions*, pp. 501-507. Paris, France.
- Pandey, S., & Yadama, G.N. (1992). Community development programs in Nepal: A test of diffusion of innovations theory. *Social Service Review*, 66(4), 582-597.
- Yadama, G.N., & Drake, B. (1995). Confirmatory factor analysis of the Maslach Burnout Inventory. *Social Work Research* 19(3), 184-192.
- Sherraden, M., Page-Adams, D., & Yadama, G.N. (1995). Assets and the welfare state: Policies, proposals, politics, and research. *Research in Politics and Society: The Politics of Wealth and Inequality*, 5, 241-268.
- Yadama, G.N., & Pandey, S. (1995). Effect of sample size on goodness-of-fit indices in structural equation models. *Journal of Social Service Research*, 20(3-4), 49-70.
- Yadama, G.N. (1995). Participation in nongovernmental and governmental development programs: An empirical study of community forestry programs, *Social Development Issues*, 17(1), 48-67.
- Drake, B., & Yadama, G.N. (1996). A structural equation model of burnout and job exit among child protective service workers. *Social Work Research* 20(3), 179-187.
- Yadama, G.N., & Sherraden, M. (1996). Effects of assets on attitudes and behaviors: Advance test of a social policy proposal, *Social Work Research* 20(1), 3-11.
- Yadama, G.N., & Sherraden, M. (1997). Effects of assets on attitudes and behaviors: Advance test of a social policy proposal. In P.L. Ewalt, E.M. Freeman, S.A. Kirk, & D.L. Poole (Eds.), *Social Policy: Reform, Research, and Practice* (pp. 193-205). Washington, DC: NASW Press.
- Yadama, G.N. (1997). Tales from the field: Observations on the impact of nongovernmental organizations, *International Social Work*, 40(2), 145-162.
- Agrawal, A., & Yadama, G.N. (1997). How do local institutions mediate market and population pressures on resources? Forest Panchayats in Kumaon, India. *Development and Change*, 28(3), 435-465.
- Yadama, G.N., & De Weese-Boyd, M. (2001). Co-management of forests in the tribal regions of Andhra Pradesh, India: A study in the making and unmaking of social capital. In B. Vira (Ed.). *Analytical Issues in Participatory Natural Resource Management* (pp. 90-107). Global Issues Series, New York: Palgrave.
- Yadama, G.N. (2003). Co-production of forests in Andhra Pradesh, India: Theoretical and practical considerations. In G. Persoon, D.M.E. van Est, & P.E. Sajise (Eds.), *Co- Management of Natural Resources in Asia: A Comparative Perspective* (pp.215-238). Copenhagen: Nordic Institute of Asian Studies.
- Yadama, G.N., & Menon, N. (2003). Fostering social development through civic and political engagement: How confidence in institutions and agency matter, *Social Development Issues*, 25(1/2), 162-174.
- Yadama, G.N., & Messerschmidt, D. (2004). Civic service in South Asia: A case study of Nepal. *Nonprofit and Voluntary Sector Quarterly*, 33 (Suppl 4), 985-1265.
- Rank, M., & Yadama, G.N. (2005). Poverty and family policy in a global context. In B.B. Ingoldsby, & S. Smith (Eds.), *Families in Global and Multicultural Perspective*. Thousand Oaks, CA: Sage Publications.
- Agrawal, A., Yadama, G.N., Andrade, R., & Bhattacharya, A. (2006). Decentralization and environmental conservation: Gender effects from participation in joint forest management. *Collective Action and Property Rights (CAPRI) Research Paper No. 53*. Washington, DC:

- International Food Policy Research Institute.
- Messerschmidt, D., Yadama, G.N., & Silwal, B. (2007). History and significance of National Development Service (NDS): Creating 'civic space' and commitment to service in Nepal during the 1970s. In R.B. Chhetri, & L.P. Uprety (Eds.), *Occasional Papers in Sociology and Anthropology*, Vol.10: Observations on the Changing Societal Mosaic of Nepal (pp. 174-207). Kathmandu: Tribhuvan University, Central Department of Sociology and Anthropology.
- Gao, J., & Yadama, G. N. (2008). Theoretical and practical models of community governance. In T. Yurong (Ed.), *NGOs and Community Development* (pp. 9-18). Chinese Academy of Social Sciences, Beijing: Social Sciences Academic Press (CHINA).
- Sung-Chan, P., Yuen-Tsang, A., Yadama, G.N., & Sze, A. (2008). Action research and social development in China: Creating synergy between marginalized populations and government officials. *Journal of Action Research*, 6, 193-212.
- Peipert, D., Severyn, T., Hovmand, P., and Yadama, G. (2009). Modeling the Dynamics of the Energy, Environment, & Poverty Nexus: A Study of Biogas Unit Diffusion in Andhra Pradesh, India. *System Dynamics Conference Proceedings*. Albuquerque, New Mexico, USA.
- Yadama, G., and Dauti, M. (2010). Capacity Building for Local Development: An Overview. In M. S. Pawar and D. Cox (Eds.) *Social Development Critical Themes and Perspectives*. London: Routledge Studies in Development and Society.
- Gao, J., Yadama, G. N., & Gao, G. (2010). Community Supply of Basic Rural Public Goods: A Survey of 30 Villages in Shandong Province. *Shandong Social Sciences*, 2, 52-58.
- Yadama, G., Hovmand, P., and Chalise, N. (2010). Community driven modeling of social-ecological systems: Lessons from Andhra Pradesh, India. In T. Moon (Ed.). *Proceedings of the 28th International Conference of the System Dynamics Society*. Seoul, Korea: Curran Associates, 2010.
- Hovmand, P., Yadama, G. N., Chalise, N., & Calhoun, A. (2010). Combining Group Model Building and Participatory Rural Appraisal in Southeast Rural India. In T. Moon (Ed.). *Proceedings of the 28th International Conference of the System Dynamics Society*. Seoul, Korea: Curran Associates, 2010.
- Conner, D., Deal, A., Yadama, G., and Kumar, R. (2010). The Livelihood-Energy-Conservation Nexus: Intervention Strategies to Promote Conservation in Rural Villages Located near Wildlife Sanctuaries. In T. Moon (Ed.). *Proceedings of the 28th International Conference of the System Dynamics Society*. Seoul, Korea: Curran Associates, 2010.
- Sahu, M., Peipert, J., Singhal, V., Yadama, G., & Biswas, P. (2011). Evaluation of Mass and Surface Area Concentration of Particle Emissions and Development of Emissions Indices for Cookstoves in Rural India. *Environmental Science & Technology*, 45, 2428-2434.
- Chalise, N., and Yadama, G., (2011). System Dynamics Modeling of Livelihoods and Forest Commons in Dryland Communities of Andhra Pradesh. In James M. Lyneis and George P. Richardson (Eds.) *Proceedings of the 29th International Conference of the System Dynamics Society*, edited by, 607-28. Washington DC, USA: Curran Associates.
- Frangos A, Fern S, Yadama G, Bhatia V. (2011). Uptake of Alternative Energy Technologies by Energy Poor Households in Rural Rajasthan, India. In James M. Lyneis and George P. Richardson (Eds.) *Proceedings of the 29th International Conference of the System Dynamics Society*, edited by, 607-28. Washington DC, USA: Curran Associates.
- Kuhlberg, J., Hovmand, P., and Yadama, G. (2012). "Transdisciplinary Learning in Rural India: Reflections and Considerations from an Intensive Two-Week Course." In Elke Husemann and David Lane (Eds.). *Proceedings of the 30th International Conference of the System Dynamics Society*, St. Gallen, Switzerland: Wiley-Blackwell.
- Yadama, G.N., Peipert J., Sahu, M., Biswas, P., Dyda, V. (2012) Social, Economic, and Resource Predictors of Variability in Household Air Pollution from Cookstove Emissions. *PLoS ONE* 7(10): e46381. <https://doi.org/10.1371/journal.pone.0046381>.

- Yadama, G. N., Schechtman, K., B., Biswas, P., Castro, M., & Chalise, N. (May 2013). Indoor Air Pollution and Respiratory Health: A Transdisciplinary Vision. In D. Haire-Joshu & T. McBride (Eds.), *Transdisciplinary Public Health: Research and Practice*: Jossey Bass.
- Yadama, Gautam N. (Photography by Mark Katzman) (2014). *Fires, Fuel, and Fate of 3 Billion: State of the Energy Impoverished* (Oxford University Press).
- Leavey A., Londeree J., Priyadarshini P., Puppala J., Schechtman KB., Yadama G., Biswas P. (2015). Real-Time Particulate and CO Concentrations from Cookstoves in Rural Households in Udaipur, India. *Environmental Science & Technology*, 49, 7423–7431.
- Kumar P., Chalise, N., Yadama, G. (2016). Dynamics of sustained use and abandonment of clean cooking systems: study protocol for community-based system dynamics modeling. *International Journal for Equity in Health*, 15:70. <https://doi.org/10.1186/s12939-016-0356-2>.
- Rosenthal, Joshua et al. (2017). Implementation Science to Accelerate Clean Cooking for Public Health. *Environmental Health Perspectives*, 125:1. <http://dx.doi.org/10.1289/EHP1018>.
- Landrigan, Philip et al. (2017). Lancet Commission of Pollution and Health, [http://www.thelancet.com/pdfs/journals/lancet/PIIS0140-6736\(17\)32345-0.pdf](http://www.thelancet.com/pdfs/journals/lancet/PIIS0140-6736(17)32345-0.pdf)
- Pandey, A., Patel, S., Pervez, S., Tiwari, S., Yadama, G.N., Chow, J.C., Watson, J.G., Biswas, P., Chakrabarty, R.K. (2017). Aerosol emissions factors from traditional biomass cookstoves in India: insights from field measurements. *Atmos. Chem. Phys.*, 17, 13721–13729. DOI <https://doi.org/10.5194/acp-17-13721-2017>.
- Kumar, P., Dhand, A., Tabak, R., Brownson, R., Yadama, G.N. (2017). Adoption and sustained use of cleaner cooking fuels in rural India: A case control study protocol to understand household, network, and organizational drivers. *Archives of Public Health*, 75:70. DOI <https://doi.org/10.1186/s13690-017-0244-2>.
- Jayendran, V., Solanki, C., Werner, K., Yadama, G.N. (2018). Addressing Energy Poverty in India: A systems perspective on the role of localization, affordability, and saturation in implementing solar technologies. *Energy Research & Social Science*, 40, 205-210. DOI <https://doi.org/10.1016/j.erss.2018.02.011>.
- Chalise, N., Kumar, P., Yadama, G.N., (2018). Dynamics of sustained use and abandonment of clean cooking systems: Lessons from rural India. *Environ. Res. Lett.* <https://doi.org/10.1088/1748-9326/aaboaf>.

Book projects in preparation

Rank, Mark and Yadama, Gautam N. *Towards a Livable Life: A 21st Century Agenda for Social Work*. (Under contract with Oxford University Press).

Transdisciplinary Initiatives

Systems Approaches for Environmental Health

Boston College School of Social Work (BCSSW), the Schiller Institute for Integrated Science and Society, and NIH's Implementation Science Network (ISN) for Clean Cooking at Fogarty International Center hosted a workshop to advance systems science approaches to understand and intervene in environmental health issues. We convened a small group of researchers in the environmental health field, specifically household air pollution (HAP) and water, sanitation and hygiene (WASH), with systems science experts to explore innovative ways these approaches can improve environmental health research and implementation. Our objective is to produce a manuscript to stimulate further thinking, and potentially future work using systems approaches toward these two major global health problems.

Million Souls Project

Model the dynamics and evaluate the implementation and outcome from deploying seven million solar lamps to rural households across five states in India. Joint project between the Indian Institute

of Technology-Bombay and Boston College School of Social Work.

Social, Ecological, and Livelihood Systems Modeling (SEAL)

Model the social, ecological, and livelihood dynamics in rural poor communities of Rajasthan and Andhra Pradesh, India in collaboration with the Foundation for Ecological Security (FES), India. Funding from the Packard Foundation to FES, India. BC School of Social Work and Washington University Social System Design Lab are bringing Community Based System Dynamics expertise to this project.

(Core Member – The Bridge Collaborative)

The Bridge Collaborative, established by partners The Nature Conservancy, PATH, Duke University and IFPRI, is a 7-10 year, paradigm-shifting effort to enable effective results improving the health, well-being and resilience of people and nature.

(Led the Initiative, Funding from Provost and Washington University India Initiative)

Harnessing Big Data for Environment, Livelihoods, and Population Wellbeing in India

This project will advance cross-school collaborations at Washington University to understand and engage in big-data analytics in the context of critical environment, human, and climate challenges on the ground in India. This is only possible because faculty from multiple disciplines across the campus will have the opportunity to convene in India with FES to explore the challenge of harnessing approximately 50 years of data on rainfall, forest ecosystems, surface and ground water resources, household and community data.

(Yadama – Led the initiative)

Environment, energy, population wellbeing, and rural health (ENPOWER^H)

(Leading the Initiative, Funding from Brown School, McDonnell Academy)

The **ENPOWER^H** initiative will focus the efforts of three McDonnell Academy partner universities (Washington University, University of Queensland, and the Tata Institute of Social Sciences) to understand and address development challenges that lie at the crossroads of environment, energy, food-water security, and health critical for sustaining productive livelihoods. This joint effort between our universities reaffirms the Academy's goal to address key global challenges of energy and environment, water and food security, and health. A signature feature of this partnership will be its geography specific emphasis with a clear focus on trans-disciplinary research, education, and problem solving, all of which are mutually reinforcing. Over the next 10 years, **ENPOWER^H** initiative led by the three partner universities will aim to generate systematic research, educational initiatives, and engage in the dissemination and implementation of innovative programs and interventions in India and on campus. The research, education, and practice innovations will be geared toward improving social, economic, health, environment, food and water security foundational to sustainable livelihoods of the rural population, demonstrating an approach to enhance wellbeing of people in impoverished regions and districts. Our initiative will provide particular attention to gender and economic vulnerability in our pursuit of sustainable environment, food, water, and health outcomes. The program will be place based and early focus will be in specific communities in the States of Andhra Pradesh and Telangana, India.

Funded Projects

(Yadama, Principal Investigator)

July, 2018-March 2019

Fogarty International Center (National Institutes of Health)

System Science Training Workshop for Clean Cooking GEOHealth Researchers and Practitioners in collaboration with Public Health Foundation of India (PHFI).

(Yadama, Principal Investigator) June, 2016-June 2019
Fogarty International Center (National Institutes of Health)
Understanding household, network, and organizational drivers of adoption, sustained use, and maintenance of clean cooking fuels in rural India.

(Yadama, Lead Researcher in collaboration with ACTED, Tajikistan) September 2015-Jan 2017
Aga Khan Foundation Canada-Central Asia Health Systems Strengthening (CAHSS)
Obstacles and Opportunities for Effective Community Involvement in Healthcare Governance (Tajikistan and Kyrgyz Republic)

(Yadama, Lead faculty in collaboration with Arts & Sciences and Engineering, funded by Provost Thorp) April 2015-May 2016
Harnessing Big Data for Environment, Livelihoods, and Population Wellbeing in India
In this project, we envision an opportunity for Washington University faculty and students to engage in a collaborative effort with the Foundation for Ecological Security (FES) to address urgent and complex development challenges across India.

(Yadama, Leading in collaboration with social work and public health) August 2014- Present
In collaboration with UNICEF – Andhra Pradesh, Karnataka, Telangana & the Center for Economic and Social Studies (CESS), Hyderabad, India
Contours and Dynamics of Child and Maternal Undernutrition (Ongoing collaborations in research and policy support as well as in the application of Community Based System Dynamics)

(Yadama, Castro (Pulmonology), Biswas (Aerosols), Schechtman (Biostatistics), FES) 2012-2016
National Institute of Environmental Health Sciences
Yadama, Gautam (PI), Mario Castro (co-PI), Pratim Biswas (co-PI), and Kenneth Schechtman (co-PI). Exploring respiratory health outcomes from sustained use of efficient cookstoves.

(Yadama & Social System Design Lab, Brown School) 2013-2014
Institute of Clinical and Translational Sciences (ICTS), Washington University
Yadama, Gautam (PI). Understanding Dynamics of Sustained Use of Improved Cookstoves

(Yadama) June 2013
NIH Training Institute for Dissemination and Implementation Research in Health (TIDIRH) Proposal selected for participation in this NIH training institute with scholars from across the country in implementation science

(Yadama, Gautam) 2011-2012
Portraits of Energy Impoverished: Fires, Fuel, and the Fate of 3 Billion (Funding for Book project; Chancellor's Fund and PT Charoen Pokphand Group)

(Yadama, Castro, Biswas, Venkata Raman, & Schechtman) 2011-2013
McDonnell Academy Global Energy and Environment Partnership
Washington University, St. Louis, MO
Role: Principal Investigator
Randomized Control Trial of Sustainability of Improved Biomass Cookstoves in Rajasthan, India

(Williams, Biswas, Turner, Yadama, & Sethi) 2011-2013
McDonnell Academy Global Energy and Environment Partnership
Washington University, St. Louis, MO Role: Co-Investigator

Biomass-Derived Particles in Engineered systems and the Environment in India

(Yadama, Knight, Hovmand, Co-PIs) 2009-2011

International Center for Advanced Renewable Energy and Sustainability (I-CARES), Washington University, St. Louis, MO

Dynamic Modeling of Energy, Poverty, and Environment Nexus

Role: Co-Principal Investigator

(Yadama, PI) 2004-2009

Ewing Marion Kauffman Foundation

Entrepreneurial Approaches to Providing Public Goods: An Examination of Social Innovation in China

(Yadama, PI) 2008-2009

McDonnell Academy Global Energy and Environment Partnership

Adoption of Appropriate Household and Commercial Stove Technologies to Address Energy and Environmental Problems in Orissa and Andhra Pradesh, India

(Yadama, Co-PI; Hovmand, Co-PI) January 2008-September 2008

Center for New Institutional Social Sciences, Washington University

Modeling Complexity in Natural & Human System Interactions in Rural India

Senior Fulbright Scholar July 2000-March 2001

Collective Action and Public Goods in Urban Neighborhoods of Kathmandu, Nepal

(Yadama, PI) September 1999 – December 2001

Office for University Cooperation in Development, Washington, DC.

Social Policy in Law Program – Faculty of Law, Tribhuvan University and the George Warren Brown School of Social Work at Washington University

Other Research and Education Initiatives

Winter Institute in System Dynamics for Rural Development: Engaging Dryland Communities Toward Sustainable Livelihoods and Ecosystems – Andhra Pradesh, India (January 2012, 2013, 2014, 2015) (Gautam N. Yadama, Peter Hovmand, and the Foundation for Ecological Society)

Description: The goal of this institute is for students to work with the Foundation for Ecological Security (FES) and community leaders to effectively utilize system dynamics modeling, participatory group model building methods, and participatory rural appraisal to address rural development problems in India. The institute will emphasize the use of participatory group model building methods and transdisciplinary problem solving for engaging communities and catalyzing change. Students will work with FES staff and local communities in transdisciplinary teams to frame the problem from an endogenous or “feedback” perspective, develop a system dynamics simulation model, and identify and prioritize action steps that can be implemented with local stakeholders. Students are expected to have completed an introductory understanding of system dynamics.

Studying Poverty, Agricultural Risks, and Coping Strategies (SPARCS). Agrawal, Arun, Chatter, Ashwini, & Yadama, Gautam in collaboration with Foundation for Ecological Security, India. (With initial support from Bill & Melinda Gates Foundation)

Designed and Implemented Community Driven System Dynamics for Modeling Urban and Rural Development Problems and Interventions in Collaboration with School of Habitat Studies, Tata Institute of Social Sciences, Mumbai, India (January 3-15, 2011). (Peter Hovmand, Gautam N.

Yadama, & Subodh Wagle).

Description: The goal of this institute is to work with graduate students at Tata Institute of Social Sciences (School of Habitat Studies) and the Brown School of Social Work participants to effectively utilize system dynamics modeling and participatory group model building methods to address key urban and rural development problems in India. The institute focused on participatory group model building methods, process design issues and mapping, considerations on how to integrate system dynamics within an existing NGO's capabilities through capacity building workshops, and cross-cultural aspects of this approach.

Rural-Urban Dynamics of Social Development in China and India, Brown School Summer Institute in China in Collaboration with Hong Kong Polytechnic University and Peking University (July-August 2010). The institute addressed trends in rural and urban development in China and India, policy, and program strategies to address the lives of the poor in rural and urban geographies. Rural and urban economies and societies are closely interlinked in China and in the rest of Asia. The institute particularly focused on social and economic development policies and their urban bias in China and India.

Designed and Implemented Linking People and Nature: Winter Institute on Energy, Environment, and Development in Rajasthan, India (December 2010). This is an interdisciplinary working institute of faculty and students from Washington University, Indian Institute of Technology, and the Tata Institute of Social Sciences, and staff from Foundation for Ecological Security (FES) (45 people in all).

Brown School Summer Institutes in China in Collaboration with Hong Kong Polytechnic University and Peking University (July-August 2007, 2008, 2009, 2010). Organized summer institutes since 2007 in collaboration with Hong Kong Polytechnic University and Peking University. Topics vary from poverty and development, to aging and mental health.

Principal Convener: International symposium on Development and the Nation State. An inaugural Symposium to launch Washington University's Asia Initiative (April 7-9), 2000 at Washington University. Participants: Douglass C. North, Elinor Ostrom, James Scott, Jean Oi, John Bowen, Jack Knight, Andrew Sobel, Devesh Kapur, and Arun Agrawal

Monographs, Reports, Working Papers

Yadama, Gautam N., Hyunil, Kim, Carfield, Maggi, Ravindranath, Divya, and Ahsan, Kazi Rezaul. (December 18, 2015). *Contours of Maternal and Child Nutrition: A Review and Way Forward.* Center for Economic and Social Studies and UNICEF State Office for Andhra Pradesh, Telangana, and Karnataka, India.

Kuhlberg, Jill and Yadama, Gautam N. (April 2015). Exploring the Dynamics of Maternal and Child Health and Complementary Feeding Practices Using Community Based System Dynamics. Research report submitted to Center for Economic and Social Studies and UNICEF State Office for Andhra Pradesh, Telangana, and Karnataka, India.

Yadama, Gautam N. (June 2013). Cover Story: Environment, Social Work, and Sustainable Development. *Social Dialogue.* International Association of the Federation of Schools of Social Work. Hong Kong: IASSW Foundation.

Yadama, Gautam N. (2009). Professional Social Work in Tajikistan: Contours of Feasibility. Report to Higher Education Support Program, London: Open Society Institute.

Yadama, Gautam N., Biswas, Pratim, Sahu, Manoranjan, Peipert, John, Puppala, Jagdeesh, Topno, Johnson, Nemali, Lavanya. (2009). Adoption of Appropriate Household and Commercial Stove Technologies to Address Energy and Environmental Problems. Report to McDonnell Academy

- Global Energy and Environment Partnership, Washington University, St. Louis.
- Yadama, Gautam N. (January 2007). Affecting children's schooling and household education expenditures: An exploration of child money program, education subsidies, household factors, and children's experiences. Ulaanbaatar, Mongolia: Save the Children UK, Mongolia.
- Sherraden, Michael, Patel, Leila, Yadama, Gautam, Sherraden, Margaret, Cheng, Li-Chen, & Moore, Amanda. (2002). Social Development Partnerships: Examples and Lessons (Paper Prepared for the United Nations Expert Group Meeting on National and International Cooperation for Social Development, United Nations Commission on Social Development).
- United Nations Development Programme. (2002) Nepal Human Development Report 2001: Poverty Reduction and Governance. Kathmandu, Nepal (Contributing Author and Technical Consultant). <http://hdr.undp.org/en/content/poverty-reduction-and-governance-nepal>
- Yadama, Gautam N., (2001). Decentralization. Kathmandu, Nepal: UNDP/Nepal (Background Chapter for NHDR 2000/01).
- Yadama, Gautam N., and Margaret De Weese-Boyd (2000). Rethinking Urban Policy and Politics: Building Sustainable Communities in the New Economy. Working Paper: Center for Social Development, Washington University, and St. Louis, Missouri.
- Yadama, Gautam N. and Natasha Menon (1999) A Trust for Common Assets: A new institutionalist perspective. Working Paper: Center for Social Development, Washington University, St. Louis, Missouri.
- Yadama, Gautam N., and Margaret De Weese-Boyd (1998). The State, the Market, and Civil Society: Building Sustainable Communities in Transitional Economies. In Kempe R. Hope, Sr. (Ed) Challenges of Transformation from Centrally Planned to Market Economies (pp.101-110). United Nations Centre for Regional Development Research Report Series No. 26, Nagoya, Japan: UNCRD/Development Research Center of the State Council, The People's Republic of China.
- Yadama, Gautam N., Bhanu Pragada, & Ravi R. Pragada. (1997). Forest Dependent Survival Strategies of Tribal Women: Implications for Joint Forest Management in Andhra Pradesh, India. Regional Office for Asia and the Pacific, Food and Agriculture Organization of the United Nations, Bangkok, Thailand: FAO.
- Yadama, Gautam N. (1995). Community Forestry, NGOs, Women and the Poor: Some Observations from the Field. In Gender Issues in Agriculture and Rural Development Policy in Asia and the Pacific, United Nations (FAO Regional Office for Asia and the Pacific, Bangkok), No. 2, 105-115.
- Yadama, Gautam N., Phuntsho Namgyel, Madhav Karki, and Ram Singhal. (1994). Bhutan's Forests: A Review of current forest policies, legislation and management strategies. Himalaya Eco-Rehabilitation Project, South Asia Office, International Development Research Centre (IDRC), New Delhi, India.

Development Research & Expert Consultation

- Academy of Public Administration under the President of Kazakhstan, Astana, Kazakhstan. Invited to advise on doctoral education in social work and social policy. November 2014.
- Tajikistan Ministry of Labor and Social Protection in Collaboration with Tajikistan Association of Professional Social Workers. Social Policy Analysis and Evaluation Workshop. Lead Organizer. July 2013.
- Academy of Public Administration under the President of Kazakhstan, Astana, Kazakhstan. Invited to advise on doctoral education in social work and social policy. October 2012.
- Tajikistan Ministry of Labor and Social Protection in collaboration with UNICEF. Evidence Based Social Research for Policy Practice. Lead Organizer. July 2012.
- Foundation for Ecological Security, Rajasthan Commons Modeling. Udaipur, Rajasthan, India. November 2010.
- Higher Education Support Program, Open Society Institute, London. Invited to advise on Strategic

Initiatives to Strengthen Social Work Research and Education in Tajikistan, Dushanbe, Tajikistan, March 2009.

Kazakh National University of Al Farabi, Almaty, Kazakhstan. Invited to do capacity-building consultations on research and social development with faculty and doctoral students in the Department of Sociology. December 16-28, 2006.

Save the Children-UK, Mongolia. Evaluating the incentives and disincentives among poor families from the Child Money Program of the Government of Mongolia. May 20-July 20, 2006.

Open Society Forum, Mongolia. Reviewed Case Studies on Privatization in the Education, Social, and Arts sectors. July 5, 2004-July 13, 2004.

Invited by Department of Social and Economic Affairs, United Nations to prepare a background paper on the theme of Partnerships for Social Development with a particular focus on State and Civil Society Partnerships in Social Development (January 2002-April 2002).

Technical Consultant, Nepal Human Development Report (NHDR 2000-01), United Nations Development Programme, Nepal. June 2000-May 2001. Developed a detailed outline for all chapters of the next NHDR focusing on governance. Coordinated the writing of these chapters, designed a governance survey that was implemented in 30 districts of Nepal. Authored the background chapter on decentralization in Nepal (<http://www.undp.org.np/publications/nhdr2001/>).

Invited by ASTEN Group of the World Bank to present on Examining Communities and Collective Action in India, Nepal, and Bhutan (October 1996). Joint Presentation with Arun Agrawal, Faculty in Political Science Department, Yale University.

Invited by the Regional Office for Asia and Pacific, of the Food and Agriculture Organization of the United Nations, to prepare a resource paper on the gender dimensions of Joint Forest Management programs in Andhra Pradesh, India. Case studies and field research completed between December, 1995-January 1996.

Invited to be the team leader for a mission to Bhutan by the South Asia Office (New Delhi) of the International Development Research Centre (IDRC), Ottawa, Canada. The purpose was to prepare a report on Bhutan's forest policies and their socio-economic impacts, May-June 1994.

Invited to participate in the Regional Expert Consultation on Gender Issues in Agriculture and Rural Development Policy, Regional Office for Asia and Pacific, Food and Agriculture Organization of the United Nations, Bangkok, Thailand. November 1-5, 1993.

Invited to organize and chair a workshop titled Indigenous Forest Management Systems: Experiences from South Asia, at the 1993 Annual Conference of the International Association for the Study of Common Property, Manila, Philippines. The panel of presenters were from Bhutan, Nepal and India. The Ford Foundation provided funding to organize and chair the workshop. June 1993.

Invited to participate in the Regional Expert Consultation on Forestry Policy Developments and Research Implications in Asia and the Pacific, Regional Office for Asia and Pacific, Food and Agriculture Organization of the United Nations, Bangkok, Thailand. October 1992.

Invited Talks and Presentations

Kumar, Praveen and Yadama, Gautam (August 27, 2018). Understanding Household, Network, and Organizational Drivers of Adoption, Sustained Use, and Maintenance of Clean Cooking Fuels in Rural India. Peer Reviewed Presentation as part of a panel on Clean Cooking Implementation Science to Understand Complex Determinants of Clean Fuel Technology Adoption, organized by the Implementation Science Network for Clean Cooking, NIH, at International Society of Exposure Science and the International Society for Environmental Epidemiology (ISES-ISEE), Ottawa, Canada.

Yadama, Gautam (April, 2018). Addressing Grand Challenges for Social Work: Imperatives for Transdisciplinary Doctoral Education. Plenary talk to Group for the Advancement of

- Doctoral Education (GADE), Toronto, Canada.
- Yadama, Gautam (December 18, 2015). Maternal and Child Nutrition: Moving from Science to Policy & Practice. Distinguished Lecture by invitation from UNICEF & The Center for Economic and Social Studies (CESS)-Division of Child Studies/UNICEF, Hyderabad, India.
- Yadama, Gautam (December 15, 2015). Factors Driving Sustained Adoption of Clean Energy Systems. Invited Talk at the Fifth International Conference on Advances in Energy Research. Indian Institute of Technology Bombay, Mumbai, India.
- Chalise, Nishesh, Kumar, Praveen, and Yadama, Gautam (November 11, 2015). Modeling Uptake and Sustained Use of Clean Cooking, Invited talk at the Ghana Clean Cooking Forum (Sponsored by the Global Alliance for Clean Cooking, UN Foundation).
- Chalise, Nishesh, Kumar, Praveen, and Yadama, Gautam (October 27, 2015). Modeling Uptake and Sustained Use of Clean Cooking, Invited talk by the Implementation Science Network for Clean Cooking, Fogarty International Center, National Institutes of Health.
- Yadama, Gautam (September 10, 2015). Power Matters: Complexity of Energy Poverty in Rural India. Invited as part of the Energy Express series of the Energy Poverty Group at the University of Queensland, Brisbane, Australia
- Kumar, Praveen, Chalise, Nishesh, and Yadama, Gautam (January 2015). Dynamics of Sustained Use and Abandonment of Clean Energy Systems in Rural Rajasthan. Peer reviewed presentation at Engineers in Technical and Humanitarian Opportunities of Service (ETHOS).
- Yadama, Gautam (December 2014). Fires, Fuel, and the Fate of 3 Billion. University of Iowa cross disciplinary group on International Development.
- Yadama, Gautam (April 2014). Energy-Poverty Nexus. Invited by Rio Tinto and University of Queensland to be a panelist with Vice Chancellor Leena Srivastava of The Energy Research Institute (India). Annual Energy Exchange of Rio Tinto Corporation, Brisbane, Australia.
- Yadama, Gautam (June 2013). Household Air Pollution: A Transdisciplinary Social Work & Public Health Challenge. Invited presentation at Global Health and Well-Being: The Social Work Response, New York University, New York (June 17-19). This conference examines the challenges that contribute to global health and well-being, trauma, and social injustice and identifies innovative social work and multidisciplinary responses.
- Yadama, Gautam N., & Chalise, Nishesh. (2012). An endogenous perspective of vulnerability in drylands of India. Presentation at ICARUS III conference, Columbia University, New York (May 18 & 19).
- Yadama, Gautam N. (2011). Transdisciplinary Social Sciences: Possibilities and Challenges. Keynote at Youth and Science Policy Forum, Almaty, organized by Presidential Fund, Republic of Kazakhstan.
- Yadama, Gautam N. (2010). Community, Collective Action, & Public Goods Provision. Invited talk to School of Habitat Studies, Tata Institute of Social Sciences, and Center for Technology Alternatives for Rural Areas (CTARA), Indian Institute of Technology-Bombay, Mumbai, India.
- Yadama, Gautam N., and Hovmand, Peter. (2008). Modeling Complexity in Natural & Human System Interactions: The Way Forward in Understanding Community and Natural Resource Interplay. Keynote to Taiwan Forestry Bureau at their Annual Conference on Community Forestry, Taipei, Taiwan.
- Yadama, Gautam N., and Gao Jianguo. (2007). Co-Production of Quasi Public Goods in Shandong Province, China: Does Citizen Innovation Matter? Invited plenary paper presented at International Conference on Rural Social Work and Development, Kunming, China.
- Yadama, Gautam N. (May 2006). Evaluating Social Development. Invited talk at Kazakh National University of Al Farabi, Almaty, Kazakhstan.
- Yadama, Gautam N. (August 2005). Community and Development. Invited talk to China Social Work Educators Conference. Yunnan University, Kunming, China.
- Arun Agrawal, Gautam N. Yadama, and Ajoy Bhattacharya (August 2004). Decentralization,

- Community, and Environmental Conservation: Joint Forest Management and Effects of Gender Equity in Participation. Paper prepared for presentation at the Tenth Biennial Conference of the International Association for the Study of Common Property, August 10-13, Oaxaca, Mexico.
- Yadama, Gautam N. (November 2003). Social Sciences and Social Work Research. Invited talk to faculty and doctoral students at the School Social Service Administration, University of Chicago, U.S.A.
- Yadama, Gautam N., and Don Messerschmidt (2002). Rise and fall of National Service in Nepal: Politics of service in new democracies. Paper presented at the first International Research Conference on Civic Service, Buenos Aires, Argentina.
- Yadama, Gautam N. (2002). Public Goods and Neighborhoods. Invited presentation at the summer workshop on development, Center for New Institutional Social Sciences, Washington University.
- Yadama, Gautam N. (2001). Governance in Nepal: After a Decade of Democracy. Invited talk at the Department of Urban and Regional Planning, University of Illinois, Urbana-Champaign, USA.
- Arun Agrawal, George Varughese, and Gautam N. Yadama. (1999). Training Seminar: International Forestry Resources and Institutions. Kathmandu University, Dhulikel, Nepal, December 9-15, 1999.
- Yadama, Gautam N. (1998). Co-Production of Community Forests in Andhra Pradesh, India: The possible and the impossible. Paper presented at the International Seminar on Co- Management of Natural Resources in Asia: A Comparative Perspective, September 16-18, Cabagan Philippines. Sponsors: International Institute for Asian Studies, Netherlands & Nordic Institute for Asian Studies.
- Yadama, Gautam N., and Margaret De Weese-Boyd. (1998). Co-Management of Forests in the Tribal Regions of Andhra Pradesh, India: A Study in the Making and Unmaking of Social Capital. Paper presented at the Workshop on Participatory Natural Resource Management in Developing Countries. Centre for South Asian Studies, University of Edinburgh, and the Oxford Centre for Environment, Ethics and Society at Mansfield College, University of Oxford, April 6-9, Oxford, UK (Refereed presentation)
- Yadama, Gautam N., and Margaret De Weese-Boyd. (1998). The State, the Market, and Civil Society: Building Sustainable Communities in Transitional Economies. Invited paper for International Symposium on Transitional Economies: Challenges of Transformation from Centrally Planned to Market Economies. United Nations Centre for Regional Development & Development Research Center of the State Council of the People's Republic of China, March 5-7, Beijing, China.
- Yadama, Gautam N. (1997). Bridging public and private assets and resources as a strategy for sustainable development in impoverished Communities. Invited presentation at the Seminar on Tools to Revitalize the Urban Core, Third Regional Congress of Governments, East-West Gateway Coordinating Council, St. Louis, USA.
- Agrawal, Arun, and Gautam N. Yadama. (1997). How do local institutions Mediate Market and Population Pressures on Resources? Forest Panchayats in Kumaon, India. Paper presented in the session: The Vision and Role of Community Forestry in Sustainable Development, XI World Forestry Congress, October 13-22, Antalya, Turkey (Refereed Presentation).
- Agrawal, Arun, and Gautam N. Yadama. (1996). Participatory Approaches to Forest Management in Bhutan, India, and Nepal. Colloquium sponsored by ASTEN of The World Bank, September 12, Washington DC (Invited Presentation).
- Yadama, Gautam N. (1996). Bhutan's Forest Policies and their Role in Promoting Indigenous Community Forest Management. Paper presented at the Annual Meeting of the Association for Asian Studies, April 11-14, Honolulu, Hawaii (Refereed Presentation)
- Yadama, Gautam N. and Michael Sherraden. (1995). Effects of Assets on Attitudes and Behaviors: Advance Test of A Social Policy Proposal. Juried paper presented at the Seventh International

- Conference of the Society for the Advancement of Socio-Economics, April 7-9, Washington, D.C. (Refereed Presentation)
- Yadama, Gautam N. and Shanta Pandey. (1995). Effect of Sample Size on Goodness-Of-Fit Indices in Structural Equation Models. Juried paper presented in the Quantitative Methods Symposium of Council on Social Work Education Annual Program Meeting, March 2-5, San Diego, California (Refereed Presentation)
- Yadama, Gautam N. (1993). Underlying Factors and Conditions of Indigenous Forest Management Systems, Juried paper presented at the Annual conference of the International Association for the Study of Common Property, June 16-19, Manila, Philippines. (Refereed Presentation)
- Yadama, Gautam N. (1992). Participation and Benefit Sharing in Community Forestry Programs, Juried paper presented at the Annual conference of the International Association for the Study of Common Property, September 17-20, Washington, D.C. (Refereed Presentation)
- Yadama, Gautam N. (1992). Non-governmental community development programs: A study of community forestry programs in Andhra Pradesh, India, Juried paper presented at the 26th International Congress of the Schools of Social Work, July 15-19, Washington, D.C. (Refereed Presentation)
- Yadama, Gautam N. (1992). LISREL Approach to Testing Theory in Social Research, Juried Paper presented in the Quantitative Methods Symposium of Council on Social Work Education Annual Program Meeting, March, Kansas City, Missouri. (Refereed Presentation)

University, Professional, and Community Service

- Member, Implementation Science Network for Clean Cooking (Fogarty International Center, National Institutes of Health, Washington DC).
- Chair, Social Work Grand Challenges Task Force, George Warren Brown School of Social Work (Jan 2013-December 2014).
- Editorial Board Member, *The Common Reader: Ideas and Inquiry from Washington University in St. Louis*.
- Chairperson, Assessment Team for Social Workers Registration Board (Hong Kong) to review Higher Diploma in Social Work of the Hong Kong Institute of Education (Feb 1-7, 2013).
- Member, Core Planning committee for McDonnell Academy Global Energy and Environment. Partnerships 2012 conference on Abundant, Clean, Cost-Effective Energy Systems for Sustainability (ACCESS), Mumbai, India. Conference held in collaboration with India Institute of Technology – Bombay and the Tata Institute of Social Sciences, Mumbai (2011-2012).
- Member, panel and sessions committee, The 13th Biennial Conference of the International Association for the Study of the Commons (IASC) was held in Hyderabad, India from January 10-14.
- Ambassador to Tata Institute of Social Sciences, Mumbai, India for McDonnell International Scholars Academy, Washington University (2008-Present)
- Ambassador to Chulalongkorn University, Bangkok, Thailand for McDonnell International Scholars Academy, Washington University (2006-2007)
- Member Global Health Planning Committee, Washington University (2010-Present) Member Steering Committee of McDonnell International Scholars Academy, Washington University (2005-Present)
- Member Faculty Achievement Award Committee, Washington University (2009-2011) Member Organizing Committee of International Consortium for Social Development, Asia-Pacific Conference, Kathmandu, Nepal (November 2008)
- Member National Nominating Panel, National Security Education Program, Washington DC Study Section Member (National Institute of Environmental Health Sciences – NIEHS) 2012
- Reviewer for Environmental Research, A Multidisciplinary Journal of Environmental Sciences,

Ecology, and Public Health

- Reviewer for PlosOne, open access scientific journal
- Reviewer for Environment, Development and Sustainability (An international, multidisciplinary journal covering environmental impacts of socio-economic development)
- Reviewer for VOLUNTAS: International Journal of Voluntary and Nonprofit Organizations (Official journal of the International Society for Third-Sector Research)
- Reviewer for World Development Journal
- Reviewer for Journal of Agribusiness in Developing and Emerging Economies
- Reviewer for China Journal of Social Work 2007-Present
- Consulting Editor Social Work (Journal of the National Association of Social Workers) Consulting Editor Social Work Research (2005-2007)
- Reviewer for Journal of Social Services Research 1995-2004
- Reviewer Alumni Grant Programs of the Open Society Foundations (2013)
- Reviewer ReSet Grant Program, Higher Education Support Program, Open Society Institute Budapest, Hungary (2005)
- Member Board of the Center for New Institutional Social Sciences, Washington University (2002-present)
- Member Selection Committee for Conflict Resolution Grants, Fulbright Commission of Nepal (2001)
- Member Selection Committee for Democracy Small Grants Program, American, Embassy, Kathmandu, Nepal (2001)
- Member Research Committee, United Way of Greater St. Louis (2001-2002)

Awards

- Leadership Fellow – Institute for Management and Leadership in Education (MLE), The Harvard Institutes for Higher Education (HIHE) (2017)
- Centennial Alumni Award – Jack, Joseph, and Morton Mandel School of Applied Social Sciences, Case Western Reserve University (2017)
- Distinguished Faculty Award – Washington University (November 2008)
- Distinguished Faculty Award – Brown School of Social Work, Washington University (April 2006)
- United Nations Award for Excellence in Support of Millennium Development Goals awarded to the Nepal Human Development Report on Poverty and Governance (contributing editor and technical consultant) (2002)
- Faculty recognition award for mentorship of doctoral students (2007)

Professional Memberships

- American Association for the Advancement of Science (AAAS)
- Council on Social Work Education (CSWE)
- Society for Social Work and Research (SSWR)
- System Dynamics Society (SDS)