

PRAVEEN KUMAR

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Dr. Praveen Kumar is an Associate Professor at the Boston College School of Social Work. He also holds a faculty affiliate status at the Environmental Studies Program, the Global Public Health and the Common Good Program, and the Schiller Institute for Integrated Science and Society, at Boston College. His research focuses on the human dimensions of climate and environment, particularly in South Asia and Sub-Saharan Africa. The overall objective of his research is to examine interventions that address the health and well-being of marginalized communities vulnerable to climate and environmental risks. A significant thrust within his scholarship on climate and environment is understanding the causes and consequences of household energy access in the context of climate change, health, and well-being. His research is shaped by the conceptual frameworks of Implementation Science. He harnesses field-based studies, systematic reviews, secondary datasets, and system science approaches, particularly social network analysis, to advance his research. He also leverages his methodological expertise in social network analysis to collaborate with scholars and practitioners in cognate areas, including mental health, food and agriculture, and women's empowerment. Dr. Kumar's work has been supported by the National Institutes of Health (NIH), the International Growth Centre, the UN Foundation, and the Government of India, among others. He was the NIH Climate Change and Health Scholar for the year 2023, wherein he contributed to strengthening their strategic initiative on climate change and public health by sharing knowledge and helping build capacity for conducting climate change and health research. He is currently the Network Co-lead for one of the Grand Challenges initiated by the American Academy of Social Work & Social Welfare – to create social responses to a changing environment. Dr. Kumar teaches a graduate class on climate change and environmental justice and an undergraduate class on environment and public health. He is also an associate editor of the Annals of Global Health. Previously, Dr. Kumar worked as a management consultant in the International Development Services team of KPMG in India.

EDUCATION

- 2012-2017 PhD in Social Work
McDonnell International Scholar
Brown School of Social Work and Public Health
Washington University in St. Louis, USA
PhD thesis: Understanding Household, Network, Behavior, and Organizational Drivers of Adoption of Cleaner Cooking Fuels in Rural India [Funded by: Fogarty International Center, National Institutes of Health (NIH), USA]
- 2008-2010 MA in Social Entrepreneurship
School of Management & Labor Studies
Tata Institute of Social Sciences, India
MA thesis: Vulnerability to Sea Level Rise in Low Income Communities of a Coastal Mega-city (Mumbai)
- 2004-2008 Bachelor of Technology in Engineering
Institute of Chemical Technology (ICT)
University of Mumbai, India

TOPICAL RESEARCH INTERESTS

Climate Change Adaptation || Climate Change and Health || Household Energy Access

METHODOLOGICAL RESEARCH INTERESTS

Social Network Analysis || Fuzzy Cognitive Mapping

PROFESSIONAL APPOINTMENTS

- 2023-current *Associate Professor (tenured)*
Boston College School of Social Work (BCSSW)
- 2023
(9 months) *NIH Climate Change and Health Scholar*
Fogarty International Center - National Institutes of Health, USA
- 2017-2023 *Assistant Professor (tenure-track)*
Boston College School of Social Work (BCSSW)
- 2021-current *Faculty Affiliate*
Environmental Studies Program, Boston College (BC)
- 2021-current *Faculty Affiliate*
Global Public Health and the Common Good, Boston College
- 2015
(3 months) *Research Fellow*
Clean Cooking Alliance, United Nations Foundation, Washington, DC (USA)
- 2013-2017 *Research Assistant // Teaching Assistant*
Washington University in St. Louis
- 2010-2012 *Management Consultant (Senior Consultant // Consultant)*
KPMG, Delhi (India)
- 2009
(3 months) *Research Associate*
AC Nielsen ORG MARG Center for Social Research, Delhi (India)

FUNDED GRANTS AND RESEARCH PROJECTS

- 2023-2024 Role: Principal Investigator (PI)
Funded by: International Growth Centre, UK and Boston College Schiller Institute
Effect of Transition to Clean Brick Technologies on the Social and Economic Well-Being of Brick Workers in Bangladesh
Amount ~ 60,000 USD
- 2021-2022 Role: PI
Funded by: BCSSW
Evaluation of Impact of Financial Inclusion under the Pradhan Mantri Jan Dhan Yojana (PMJDY) – The Government of India’s flagship policy promote financial inclusion of low-income households in India
[The study is conducted at a special request to the PI from the Ministry of Finance of the Government of India]
- 2022-2023 Role: Collaborator
PI: David Deese, PhD
Funded by: Schiller Institute for Integrated Science and Society, Boston College
Amount: ~15,000 USD
Extending and Institutionalizing the Boston College Multidisciplinary Faculty Research Seminar on Climate Change
- 2021-2022 Role: Co-Principal Investigator (Co-PI)
PI: David Deese, PhD
Funded by: Schiller Institute for Integrated Science and Society, Boston College
Amount: ~15,000 USD
The Boston College Multidisciplinary Faculty Research Seminar on Climate Change
- 2019-2022 Role: PI
Funded by: Scheme for Promotion of Academic and Research Collaboration, Government of India
Amount: 110,086 USD
Attaining and Sustaining Energy Access through Decentralized Solar Systems
- 2019-2023 Role: Co-investigator [% Effort – 5%]
PI: Theresa Betancourt, ScD
Funded by: National Institute of Mental Health

Amount: 3,236,325 USD

Expanding the Reach of Evidence-Based Mental Health Treatment: Diffusion and Spillover of Mental Health Benefits Among Peer Networks and Caregivers of Youth Facing Compounded Adversity in Sierra Leone [1R01MH117359-01A1, PI: Betancourt]

- 2020-2021 Role: Principal Investigator (PI)
Funded by: RADS Grant (Boston College Vice Provost for Research)
Amount: 49,981 USD
Sustained Use of Liquefied Petroleum Gas and Solar Induction Cookstoves for Cleaner Cooking in Rural India
- 2018-2021 Role: Co-Investigator, Principal Investigator (PI) for BCSSW sub-contract
PI: Anita Shankar, PhD
Funded by: Clean Cooking Implementation Science Network (ISN), National Institutes of Health
Key collaborators: Johns Hopkins Bloomberg School of Public Health
Total Amount: \$129,010; BCSSW: \$32,380
Integration of System Science Approaches to Enhance Understanding of Adoption and Sustained Use of Clean Cookstoves in Humanitarian Settings in Rwanda
- 2017-2021 Role: Research Collaborator, PI for BCSSW sub-contract
Grant PI: Chetan Singh Solanki, PhD
Funded by: Boston College School of Social Work; Ministry of New and Renewable Energy (Government of India)
Key collaborators: Indian Institute of Technology, Bombay (India)
Solar Urja (energy) Lamp through Localization for Sustainability (SoULS)
- 2016-2020 Role: Co-PI
PI: Gautam Yadama, PhD
Funded by: Clean Cooking Implementation Science Network (ISN), National Institutes of Health (NIH)
Key collaborators: Washington University in St. Louis; Harvard Medical School; Johns Hopkins Bloomberg School of Public Health; Foundation for Ecological Security (FES)
Amount: \$214,210
Understanding household, network, organizational drivers of cleaner cooking fuels in rural India
- 2012-2017 Role: Research Associate
PI: Gautam Yadama, PhD
Funded by: National Institutes of Environmental Health Sciences (NIEHS)
Key collaborators: Sri Ramachandra University; Washington University in St. Louis; Foundation for Ecological Security
Amount: \$407,000
Exploring Respiratory Health Outcomes from Sustained Use of Efficient Cookstoves (Randomized controlled trial) [1R21ES021585-01A1, PI: Yadama]
- 2013-2015 Role: Research Assistant
PI: Gautam Yadama, PhD
Funded by: Washington University's Institute of Clinical and Translational Sciences (ICTS) (part of national Clinical and Translational Science Award (CTSA) initiative, National Institutes of Health)
Amount: \$50,000
Dynamics of sustained use and abandonment of clean cooking systems in rural India [ICTS UL1TR000448, PI: Yadama]
- 2009 Role: Research Associate
PI: Tathagata Dasgupta (Director – AC Nielsen ORG MARG Center for Social Research)

Funded by: Department for International Development (UK) in collaboration with the Ministry of Human Resources Development (MHRD), Government of India

Amount: \$84,492

Baseline evaluation of Mahila Samakhya, women's empowerment program implemented by the MHRD in 11 states of India

2009 Role: Research Associate
PI: Tathagata Dasgupta (Director – AC Nielsen ORG MARG Center for Social Research)
Funded by: United Nations World Food Programme (UNWFP)
Evaluation of Established Grain Banks Sanctioned under the revised Village Grain Bank Scheme of the Government of India

EXPERT ADVISORY AND CONSULTING CONTRIBUTIONS

• May 2023 – Current: International Food Policy Research Institute

Role: Advisor for System Science Approaches in Climate Mitigation

Key contributions

Social Network Analysis, Systems Mapping, Mental Modeling

Project

1. Capacity building of IFPRI field teams in China and Kenya on mental modeling and social network analysis
2. Undertake mental modeling to unpack causal factors contributing to sustainable low-emissions food systems in Qingshan village in China

• November 2021 – June 2023: Department of Anthropology, Yale University (USA)

Role: Expert consultant for Social Network Analysis (SNA)

Key contributions

Social Network Analysis

Project

1. Social networks, empowerment, and wellbeing: A comparison of urban Syrian refugee and host-community women in Jordan [*Randomized Control Trial (RCT) funded by Korean National Commission for UNESCO and the MacMillan Center for International and Area Studies at Yale University.*]

• February 2023 – September 2023: NIH Climate Change and Health Scholar

Project

1. Construction of request for application (RFA) to solicit a call for case-studies on the impact of climate change adaptation on public health in LMICs
2. Coordinating and contributing to develop the capstone manuscript for the ISN clean cooking implementation science network

• May 2015 – August 2015: Clean Cooking Alliance (United Nations Foundation), Washington, DC (USA)

Role: Research Fellow

Key contributions

Country level data analyses || Formulation of country level action plan on sustainable energy access to align with UN Sustainable Development Goals || Annual results report || Policy reports

Key projects

1. Evaluation of adoption and sustained use of cleaner cooking systems in 8 Energy Poor of countries in Africa, South America, and Asia
2. Evaluation of strategies adopted by Government of India to foster penetration of LPG in rural India
3. Market analysis of cleaner cooking systems in 8 energy poor countries of Africa and Asia
4. Monitoring and Evaluation of clean fuel production, distribution, and consumption of 8 energy poor countries in Africa, South America, and Asia
5. Impact of household air pollution due to traditional stove use on annual mortality and pneumonia in Nepal and Uganda

• 2010-2012: KPMG, Delhi (India)

Role: Consultant || Senior Consultant

Key contributions

Program Evaluation || Data Analysis

Key projects

1. Budget analysis of United Nations-Joint Program on convergence (JPC) districts. Client: UNICEF, UNDP
2. Comparative evaluation of the waste water treatment schemes at the industrial parks of the Maharashtra State Industrial Corporation in Mumbai. Client: Maharashtra State Pollution Control Board (MPCB)
3. Economic impact evaluation of Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) wage employment program on the agricultural famers in Andhra Pradesh. Client: Government of India
4. Review of financial management capacity of implementing partners (UNICEF, UNDP and UNOPS) to contribute towards the goals set out in the national development priorities/millennium declaration. Client: UNDP
5. Financial and capacity assessment of ICTC/PPTC centers for planning (quality & coverage) of Bihar State AIDS Control Society (BSACS). Client: UNICEF
6. Fiduciary review and institutional assessment of INP+ (Indian Network for People Living with HIV/AIDS). Global Fund to Fight AIDS, Tuberculosis and Malaria (GFATM)
7. Due diligence assessment of a CSO grantee under DFID supported Global Poverty Action Fund. Client: DFID, UK
8. Design mission for the proposed strategic partnership between DFID (India country office) and SEWA Bharat. Client: DFID, UK
9. Bihar microenterprise/pro poor business development strategy for urban local economic development under the DFID Support Program for Urban Reforms (SPUR) in Bihar. Client: DFID, UK
10. Ex-Post cost-benefit analysis of CSR initiatives of the Ballarpur Industries Limited through Social Return of Investment (SRoI) method. Client: Ballarpur Industries
11. Feasibility studies and cost-benefit analysis of the contemporary philanthropic behavior in India. Client: European Venture Philanthropy Association
12. Identification of potential NGO partners to set up a residential education facility in the state of Rajasthan for Sharpe's Children foundation. Client: Sharpe Foundation

• **April 2009 – July 2009: AC Nielsen ORG MARG Centre for Social Research, New Delhi (India)**

Role: Research Associate

Key contributions

Monitoring & Evaluation || Database management

Key projects

1. Research evaluation of established grain banks sanctioned under the revised Village Grains Bank Scheme of the Government of India. Client: UN World Food Programme.
2. Research evaluation of the “Mahila Samakhya Project” initiated by the Ministry of Human Resource Development, Government of India for the empowerment of women and inclusive governance in rural areas of eleven states in India. Client: DFID, UK.

PUBLICATIONS

Asterisk () indicates corresponding author*

Names underlined indicate graduate students/post-doc scholars at the time of publication

Please access Google Scholar profile [here](#).

Peer reviewed manuscripts

1. Panter-Brick, C., Eggerman, J. J., Jefferies, P., Qtaishat, L., Dajani, R., & **Kumar, P.** (2024). Does volunteering impact refugee women's life satisfaction, empowerment, and wellbeing? Experimental evidence, local knowledge, and causal reasoning. *Social Science & Medicine*, 116735. [**Impact Factor: 5.4**]
2. **Kumar, P.**, Kalra, N., & Shankar, A. (2024). Role of personal network attributes in adoption of clean stoves among Congolese refugees in Rwanda. *World Development*, 177, 106539. [**Impact Factor: 6.9**]
3. Shiradkar, S., Sharma, R., Choudhary, D., Venkateswaran, J., **Kumar, P.**, & Solanki, C. S. (2023). Can community based solar energy initiatives deliver on women's empowerment in India? Evidence from rural Assam, Bihar, Jharkhand and Uttar Pradesh. *Energy Research & Social Science*, 104, 103225. [**Impact Factor: 8.514**]
4. Mishra, R., Shiradkar, S., Werner, K., Maria, T., **Kumar, P.**, Venkateswaran, J., & Solanki, C. S. (2023). Dynamics of solar energy entrepreneurship in rural Bihar, India. *Energy for Sustainable Development*, 76, 101269. [**Impact Factor: 5.5**]

5. Eggerman, J. J., Dajani, R., **Kumar, P.**, Chui, S., Qtaishat, L., El Kharouf, A., & Panter-Brick, C. (2023). Social networks, empowerment, and wellbeing among Syrian refugee and Jordanian women: Implications for development and social inclusion. *World Development*, 170, 106324. **[Impact Factor: 6.9]**
6. Desrosiers, A., Bond, L., Hoffman, M., **Kumar, P.**, Schafer, C., Metzger, I. W., ... & Betancourt, T. S. (2023). Exploring Naturalistic Diffusion of an Evidence-Based Mental Health Intervention across Peer Networks of Youth in Sierra Leone. *International Journal of Environmental Research and Public Health*, 20(5), 4059.
7. **Kumar, P.***; Du, M.; Ma, M (2022). Characterizing Sustained Use of Cleaner Cooking Fuel in Rural Poor Households of South India. *Earth*, 3, 313-323. <https://doi.org/10.3390/earth3010019>
8. **Kumar, P*.**, McCafferty, L. P., Dhand, A., Rao, S., Díaz-Valdés, A., Tabak, R., Brownson, R., Yadama, G. (2021). Association of personal network attributes with clean cooking adoption in rural south India. *Environmental Research Letters*. 16 064087. **[Impact Factor: 6.947]**
9. Powers, M.; Rinkel, M.; **Kumar, P***(2021). Co-Creating a “Sustainable New Normal” for Social Work and Beyond: Embracing an Ecosocial Worldview. *Sustainability*, 13, 10941. <https://doi.org/10.3390/su131910941> **[Impact Factor: 3.889]**
10. Sharma, R*., Choudhary, D., Shiradkar, S., **Kumar, P.**, Venkateswaran, J., Solanki, C. S., & Yadama, G. N. (2021). Who is willing to pay for solar lamps in rural India? A longitudinal study. *Renewable and Sustainable Energy Reviews*, 140, 110734. **[Impact Factor: 16.799]**
11. Pandey, A., Brauer, M., Cropper, M. L., Balakrishnan, K., Mathur, P., Dey, S.,**Kumar, P...** & Dandona, L. (2021). Health and economic impact of air pollution in the states of India: The Global Burden of Disease Study 2019. *The Lancet Planetary Health*, 5(1), e25-e38. **[Impact Factor: 28.750]**
12. **Kumar, P*.**; Tiwary, N (2020). Role of Social Enterprises in Addressing Energy Poverty: Making the Case for Refined Understanding through Theory of Co-Production of Knowledge and Theory of Social Capital. *Sustainability*, 12, 8533. <https://doi.org/10.3390/su12208533> **[Impact Factor: 3.889]**
13. **Kumar, P*.**, Dover RE, Díaz-Valdés Iriarte A, Rao S, Garakani R, Hadingham S, Dhand A, Tabak RG, Brownson RC, Yadama GN (2020). Affordability, Accessibility, and Awareness in the Adoption of Liquefied Petroleum Gas: A Case-Control Study in Rural India. *Sustainability*. 12(11):4790. **[Impact Factor: 3.889]**
14. Shankar, A.V*., Quinn, A.K., Dickinson, K.L., Williams, K.N., Maser, O., Charron, D., Jack, D., Hyman, J., Pillarisetti, A., Bailis, R., **Kumar, P.**, Ruiz-Mercado, I., Rosenthal, J. (2020). Everybody Stacks: Lessons from household energy case studies to inform design principles for clean energy transitions. *Energy Policy*, 141, p.111468. **[Impact Factor: 7.576]**
15. Dahal, S*., & **Kumar, P.** (2021). Determinants of the Age of Motherhood for Women in Nepal and Analysis of Data from Nepal Demographic and Health Survey 2016: Implications for Policies and Programmes. *The International Journal of Community and Social Development*, 25166026211015485. doi:10.1177/25166026211015485
16. Rao, S., Dahal, S., Hadingham, S., & **Kumar, P***. (2020). Dissemination Challenges of Liquefied Petroleum Gas in Rural India: Perspectives from the Field. *Sustainability*, 12(6), 2327. **[Impact Factor: 3.889]**
17. Desrosiers, A.*, **Kumar, P.**, Dayal, A., Alex, L., Akram, A., & Betancourt, T. (2020). Diffusion and spillover effects of an evidence-based mental health intervention among peers and caregivers of high-risk youth in Sierra Leone: study protocol. *BMC psychiatry*, 20(1), 1-11. <https://doi.org/10.1186/s12888-020-02500-8> **[Impact Factor: 4.144]**
18. Joshi, L., Narayanan, N. C., Venkateswaran, J., Solanki, C. S., & **Kumar, P***. (2019). *Adoption of solar photovoltaic lighting in rural India: Role of localization strategy*. *Energy and Buildings*, 202, 109370. ISSN 0378-7788, <https://doi.org/10.1016/j.enbuild.2019.109370> **[Impact Factor: 7.201]**
19. Trani, J. F., Fowler, P., Bakhshi, P., & **Kumar, P.** (2019). Assessment of progress in education for children and youth with disabilities in Afghanistan: A multilevel analysis of repeated cross-sectional surveys. *PloS one*, 14(6). **[Impact Factor: 3.752]**
20. Joshi, L., Choudhary, D., **Kumar, P.**, Venkateswaran, J*, & Solanki, C. S. (2019). Does involvement of local community ensure sustained energy access? A critical review of a solar PV technology intervention in rural India. *World Development*, 122, 272-281. **[Impact Factor: 6.678]**
21. Sharma, R*., Choudhary, D., **Kumar, P.**, Venkateswaran, J., & Solanki, C. S. (2019). Do solar study lamps help children study at night? Evidence from rural India. *Energy for Sustainable Development*, 50, 109-116. **[Impact Factor: 5.655]**
22. **Kumar, P*.**, & Igdalsky, L. (2019). Sustained uptake of clean cooking practices in poor communities: Role of social networks. *Energy Research & Social Science*, 48, 189-193. **[Impact Factor: 8.514]**
23. Patel, S*., Leavey, A., Sheshadri, A., **Kumar, P.**, Kandikuppa, S., Tarsi, J., ... & Castro, M. (2018). Associations between household air pollution and reduced lung function in women and children in rural southern India. *Journal of Applied Toxicology*, 38(11), 1405-1415. **[Impact Factor: 3.628]**

24. Chalise, N., **Kumar, P.**, Priyadarshini, P., & Yadama, G. N*. (2018). Dynamics of sustained use and abandonment of clean cooking systems: lessons from rural India. *Environmental Research Letters*, 13(3), 035010. [**Impact Factor: 6.947**]
25. **Kumar, P***, Dhand, A., Tabak, R. G., Brownson, R. C., & 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(1), 70. [**Impact Factor: 2.736**]
26. Trani, J.-F*, **Kumar, P.**, Ballard, E., & Chandola, T (2017). Assessment of progress towards universal health coverage for people with disabilities in Afghanistan: a multilevel analysis of repeated cross-sectional surveys. *The Lancet Global Health*, 5(8), e828-e837. doi:10.1016/S2214-109X (17)30251-6. [**Impact Factor: 38.927**]
27. **Kumar, P***, R. Kaushalendra Rao, and N.H. Reddy. (2016) Sustained uptake of LPG as cleaner cooking fuel in rural India: Role of affordability, accessibility, and awareness. *World Development Perspectives*. 4: p. 33-37.
28. **Kumar, P*** & Mehta, S. (2016). Poverty, gender, and empowerment in sustained adoption of cleaner cooking systems: Making the case for refined measurement. *Energy Research & Social Science*. 19: p. 48-52. [**Impact Factor: 8.514**]
29. **Kumar, P.**, Chalise, N., & Yadama, G. N*. (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), DOI: 10.1186/s12939-016-0356-2. [**Impact Factor: 3.192**]

Invited Manuscript

1. Kumar P*. (2022) Linking Energy Access and Women Empowerment. *Nature Energy*. [**Impact Factor: 60.858**]

Book Chapters

1. **Kumar P***, Ulseth M., Austin S. (2020) Bridging the Gender Gap to Realize Capacity Building: Role of SDG 5 for SDG 17. In: Leal Filho W., Azul A.M., Brandli L., Lange Salvia A., Wall T. (eds) Partnerships for the Goals. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham. https://doi.org/10.1007/978-3-319-71067-9_122-1
2. **Kumar, P.**, Rao, S., & Yadama, G. N*. (2019). Energy Poverty in India. In Encyclopedia of Social Work. Oxford University Press.

Reports and Editorials [Select]

1. Zhang, Wei; Wang, Xinxin; **Kumar, Praveen**; and Chen, Kevin. 2023. ‘Low- Carbon Future Village’: The story of Qingshan Village, China, and a new journey of international co-learning. CGIAR blog post. First published online December 29, 2023. <https://www.cgiar.org/news-events/news/low-carbon-future-village-the-story-of-qingshan-village-china-and-a-new-journey-of-international-co-learning/>
2. Habermann, B., **Kumar, P.**, Walter, K. and Mwambi, D. 2023. The future we want: Participatory workshops in Kenya's Nandi County. Blog Post. Nairobi, Kenya: ILRI. <https://www.cgiar.org/news-events/news/the-future-we-want-participatory-workshops-in-kenyas-nandi-county/>
3. **Kumar, Praveen**; Wang, Xinxin; and Chen, Kevin Z.. 2023. Application of Netmapping and Fuzzy Cognitive Mapping to explore factors impacting low-emission food system in Qingshan Village, China. CGIAR blog. <https://www.cgiar.org/news-events/news/application-of-netmapping-and-fuzzy-cognitive-mapping-to-explore-factors-impacting-low-emission-food-system-in-qingshan-village-china/>
4. Habermann, B., Nehring, R., Zhang, W., Hettiarachchi, U., Leñero, E. M. V., Falk, T., ...**Kumar, P**... & Venegas, M. (2024). A conceptual framework of living labs for people for sustainable food systems. *Intl Food Policy Res Inst*. <https://www.ifpri.org/publication/conceptual-framework-living-labs-people-sustainable-food-systems>
5. **Kumar, P.**, Kandicuppa, S. (January 19, 2023). Financial Inclusion Plan may need a Gender Push. *The Hindustan Times*. Article weblink: <https://www.hindustantimes.com/opinion/financial-inclusion-plan-may-need-a-gender-push-101674051086806.html>
6. **Kumar, P.**, Mishra, M., Kandicuppa, S. (April 30, 2022). From Bihar, Good news on Banking. How *Jan Dhan* has deepened financial literacy among poor women, and in rural areas. *The Times of India*. Article Weblink: <https://timesofindia.indiatimes.com/blogs/toi-edit-page/from-bihar-the-good-news-on-banking-how-jan-dhan-has-deepened-financial-literacy-among-poor-women-and-in-rural-areas/>
7. Maria, T., Choudhury, D., Shiradkar, S., Venkateswaran, J., & **Kumar, P.** (2022). A CBSD Study to understand stacking of solar induction and LPG cookstoves along with traditional biomass cookstoves. *Proceedings of the System Dynamics Conference*. chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://proceedings.systemdynamics.org/2022/papers/P1268.pdf

8. Kumar, P. (2021). The “Sustainable Development” Conundrum. *Sustainability Encyclopedia*. <https://encyclopedia.pub/16518>
9. **Kumar, P.**, Tripathy, I. (2020). Do Solar Lamps Help Children Study? Evidence from Rural Poor Households of India. Op-ed published in envchange.org - Grand Challenge for Social Work on Creating Social Responses to a Changing Environment. <http://envchange.org/do-solar-lamps-help-children-study-evidence-from-rural-poor-households-of-india/>
10. Kumar, P. (Contributing Author) (2015). Results Report 2014: Sharing Progress on the Path to Adoption of Clean and Efficient Cooking Solutions. *Global Alliance for Clean Cookstoves (United Nations Foundation)*. <http://cleancookstoves.org/research-and-evaluation/measuring-progress/>
11. Kumar, P. (Contributing Author) (2015). Beyond Distribution: Ensuring and Evaluating the Adoption of Clean Cooking and Its Benefits. *Global Alliance for Clean Cookstoves (United Nations Foundation)*. <http://cleancookstoves.org/binary-data/RESOURCE/file/000/000/379-1.pdf>
12. Kumar, P. (2014). Rural networks can help prevent deaths from Indoor Pollution. *The Conversation Media*. <https://theconversation.com/rural-networks-can-help-prevent-deaths-from-indoor-pollution-26203>
13. **Kumar, P.**, Martinez, R., Xiao, Z. (2014). Sustainable Diffusion of Improved Cookstoves in Rural India: Exploring Key Determinants through System Dynamics Modeling. *Abstract Proceedings of 32nd International Conference of System Dynamics Society*, 76. <http://www.systemdynamics.org/conferences/2014/proceed/proceed.pdf>
14. Kumar, P. (2015) Combining Participatory Rural Appraisal and Group Model Building Techniques for NREGA Evaluation at Village Level. Social Science Research Network. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.2640742>

PRESENTATIONS

Underlined names indicate graduate students/post-doc scholars at the time of presentation

Peer reviewed presentations

1. **Kumar, P.**, Shiradkar, S., Rohit Sharma, R., Deepak Choudhary, D., Jayendran Venkateswaran, J., Chetan Singh Solanki, C. (January 2024) Climate Justice and well-being: Impact of solar entrepreneurship on women empowerment in rural India. *Society for Social Work and Research 28th Annual conference*. Washington DC (USA).
2. Desrosiers, A., Bond, L., Hoffman, M., **Kumar, P.**, Schafer, C., Metzger, I. W., ... & Betancourt, T. S. (April 2023). Exploring Naturalistic Diffusion of an Evidence-Based Mental Health Intervention across Peer Networks of Youth in Sierra Leone. Consortium of Universities for Global Health (CUGH) Conference, Washington, DC.
3. Maria, T., Deepak, C., Shiradkar, S., Venkateswaran, J., **Kumar, P.** (July 2022). A CBSD study to Understand Stacking of Solar Induction Stoves and LPG Cookstoves along with Traditional Biomass Cookstoves. *International System Dynamics Conference*, Frankfurt (Germany)
4. Maria, T., **Kumar, P.**, Venkateswaran, J. (January 2022). Understanding stacking of Solar Induction and LPG cookstoves alongside traditional cookstoves in a rural village of India. *Sustainability and Development Conference*, University of Michigan, Ann Arbor (USA)
5. **Kumar, P.**, Yadama, G., (January 20, 2021) Adoption of Clean Cooking Systems in Rural Poor Communities of India: Role of Gender Based Personal Networks. *Society for Social Work and Research 25th Annual conference*, Washington DC (USA)
6. Sharma, R., Choudhary, D., Sayli Shiradkar S., **Kumar, P.**, Venkateswaran, J., Solanki, C. (March 2020) Solar lamps for rural India: Longitudinal study on awareness, motivation and willingness to pay. *International Conference on Rural Technology Development and Delivery 2020*, IIT Madras (India)
7. **Kumar, P.**, Yadama, G., (July, 2020) Adoption of Clean Cooking Systems in Rural Poor Communities of India: Role of Gender Based Personal Networks. *Joint World Conference on Social Work, Education and Social Development 2020*. (Online post COVID-19 led cancellation) Calgary, Alberta (Canada)
8. Mukhopadhyay, K., Johnson, P., Natarajan, S., Saidam, S., Balakrishnan, K., Biswas, P., ... & Yadama, G. (2019). Impact of improved cook stove intervention on reduction of exposure to PM_{2.5} among rural women and children in Andhra Pradesh, India. *Environmental Epidemiology*, 3, 277-278.
9. **Kumar, P.**, Yadama, G., Dhand, A., Tabak, R., Brownson, R. (November, 2019) Determinants of adoption and sustained use of Liquefied Petroleum Gas (LPG) in rural India. *Sustainability and Development Conference*, University of Michigan, Ann Arbor (USA)
10. Rao, S., **Kumar, P.**, Yadama, G., Dhand, A., Tabak, R., Brownson, R. (September, 2019) Role of affordability, accessibility, and awareness (3As) in adoption of LPG in rural India. *Ethical Challenges in Global Health: Climate change and the health of the poor*. Boston College (USA)

11. **Kumar, P.**, Yadama, G. (May, 2019) Role of gender-based networks in adoption of cleaner cooking fuels: Evidence from rural India. *Energy and Society in Transition: 2nd International Conference on Energy Research and Social Science*, Arizona State University, Tempe (USA)
12. **Kumar, P.**, Yadama, G., Dhand, A., Tabak, R., Brownson, R. (May, 2019) Role of affordability, accessibility, and awareness (3As) in adoption and sustained use of cleaner cooking technologies (LPG) in rural India. *Energy and Society in Transition: 2nd International Conference on Energy Research and Social Science*, Arizona State University, Tempe (USA)
13. **Sharma, R., Choudhary, D., Kumar, P.**, Venkateswaran, J., Solanki, C. (May, 2019) Do solar lamps help children study? Evidence from rural India. *Energy and Society in Transition: 2nd International Conference on Energy Research and Social Science*, Arizona State University, Tempe (USA)
14. **Chakrabarty, A., Rohit Sharma, Kumar, P.**, Venkateswaran, J., Solanki S, C. (2018) Barriers and enablers impacting durability of solar street lighting systems in rural India, *Sustainability and Development Conference*, University of Michigan, Ann Arbor (USA)
15. Venkateswaran, J., **Kumar, P.**, Solanki S, C. (2018) Does involvement of local community ensure sustained energy access? A critical review of a solar PV technology initiative in rural India, *Sustainability and Development Conference*, University of Michigan, Ann Arbor (USA)
16. **Kumar, P.**, Yadama, G. (2018). Clean Cooking Imperatives. *Joint Annual Meeting of the International Society of Exposure Science and the International Society for Environmental Epidemiology (ISES-ISEE)*, Ottawa (Canada)
17. **Kumar, P.**, Yadama, G. (2018). Impact of Affordability, Accessibility, and Awareness (3As) on Adoption of Cleaner Cooking Systems in Rural India. *presentation and panelist. Global Health and Innovation Conference*, Yale University, New Haven (USA)
18. Kumar, P. (2018). Dynamics of sustained use and abandonment of clean energy systems in vulnerable poor communities: Lessons from Rural India. *Invited Presentation and Panelist by WZB Berlin Social Science Center, Germany for the conference "Breaking the Rules! Energy Transitions as Social Innovations"*
19. **Kumar, P.**, Yadama, G. (2017). Determinants of LPG uptake in rural India. *The Clean Cooking Forum, Clean Cooking Alliance*, United Nations Foundation, New Delhi (India)
20. Chalise, N., **Kumar, P.**, and Yadama, G (2016). Dynamics of Adoption and Sustained Use of Cleaner Cooking Systems: Lessons from Rural India. *Energy Systems Conference*. London, UK
21. Chalise, N., **Kumar, P.**, and Yadama, G (2015). Modeling Uptake and Sustained Use of Clean Cooking: Lessons from Rural India. *Clean Cooking Forum (Global Alliance for Clean Cookstoves) United Nations Foundation*. Accra, Ghana
22. Schechtman, K., Johnson, P., Balakrishnan, K., Biswas, P., Castro, M., Kandicuppa, S., Mukhopadhyay, K., **Kumar, P.**, Wilson, B., Yadama, G. (2015). Improved Health through Efficient Wood Burning Cookstoves in Rural India: Design of a Cluster Randomized Trial. *36th Annual Meeting of the Society for Clinical Trials*. Arlington, Virginia, USA
23. **Kumar, P.**, Chalise, N., and Yadama, G. N. (2015). Dynamics of Sustained Use and Abandonment of Clean Energy Systems in Rural Rajasthan. *Engineers in Technical and Humanitarian Opportunities of Service (ETHOS)*. Kirkland, Washington (USA)
24. Murugan, V. and **Kumar, P** (2015). Help-seeking Behaviors among women experiencing Intimate Partner Violence in Bihar, India. *19th Annual Conference of Society for Social Work Research*, New Orleans (USA).
25. **Kumar, P.**, Martinez, R., Xiao, Z. (2014). Sustainable Diffusion of Improved Cookstoves in Rural India: Exploring Key Determinants through System Dynamics Modeling. *32nd International Conference of System Dynamics Society*, Delft, The Netherlands. <https://proceedings.systemdynamics.org/2014/proceed/proceed.pdf>
26. Xiao, Z., **Kumar, P.** (2014). Predictors of Participation in Social Audits under Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA): A Case Study of Andhra Pradesh. *Association for Public Policy & Management Conference*. Albuquerque, New Mexico, USA
27. Negi, C., Bhati, A., **Kumar, P.**, (2009). Krishi Parashara: Business Paper on Market Linkage. *International Entrepreneurship Summit*. Indian Institute of Technology (IIT), Kharagpur, India (**Awarded presentation**)
28. **Kumar, P.**, Mishal, M. (2007). Fuel Cells and Energy Challenge in India., *International Technical Paper Presentation Conference on Energy Policy of India*, Fr. C. Rodrigues Institute of Technology, Mumbai, India (**Awarded presentation**)
29. **Kumar, P*.**, Mishal, M. Balasubramanian, H. (2007). Role of Fuel Cells in Renewable Energy Systems. *Azeotropy: Conference on Energy Access*, Indian Institute of Technology (IIT) Bombay, India
30. **Kumar, P.**, Bajaj, V. (2007). Ultrasonic Wet Processing of Cotton Textiles. *Textvision 2K7*, D.K.T.E. Society's Textile & Engineering Institute, Ichalkaranji, Maharashtra, India (**Awarded presentation**)

Invited Presentations

1. Kumar, P., (October 19, 2023). Environmental Justice and Well-being: Improving Energy Access to Empower Women in Rural India. Gender, Equity, Mobilization, Sustainability. *Global South Webinar Series*. Adelphi University and Friends of Kalangarai (USA)
2. Kumar, P., (October 24, 2022). Logic Model for Program Evaluation. Guest Lecture to Rhode Island College of Social Work (USA)
3. Kumar, P., (September 21, 2022). Energy Poverty and Household Air Pollution. Guest Lecture for Environmental Studies Program, Boston College (USA)
4. Kumar, P., (September 16, 2022). Environmental and Climate Justice – Emerging Issues for COP27. Boston College (USA)
5. Kumar, P., (March 2022). BC@COP: Faculty Perspectives and the UN Climate Change Conferences. Boston College (USA)
6. Kumar, P., (February 2022). Do Personal networks matter in adoption of evidence based clean cooking interventions in poor communities? *Research in Action Seminar Series*. Boston College (USA)
7. Kumar, P*. (February, 2020). Technology Imperialism does not Work. *Affordable Design and Entrepreneurship (ADE) Meet*, Olin College. Boston (USA)
8. **Kumar, P.**, Yadama, G. (November, 2019). Determinants of sustained use of Liquefied Petroleum Gas (LPG) in rural India. *International Education Week*, Boston College.
9. Shankar, A., **Kumar, P.**, Werner, K., Kagaba, M., Kalra, N. (October, 2019) Integration of system science approaches to enhance understanding of adoption of cleaner cookstoves in a humanitarian setting in Rwanda. *Invited presentation by the Implementation Science Network for Clean Cooking, Fogarty International Center, National Institutes of Health*. Maryland (USA).
10. **Kumar, P.**, Yadama, G. (February 27, 2019). Uptake of Clean Cooking Fuels in Rural India: Behavioral Underpinnings. *Advancing Environmental Health Science Research and Translation in India through Community Based Participatory Research (CBPR) Workshop*. Organized by: Participatory Research in Asia (PRIA), India and College of Public Health, University of Iowa, USA. Supported by: Indo-U.S. Science and Technology Forum (IUSSTF) and US National Institute of Environmental Health Sciences. New Delhi, India
11. **Kumar, P.**, Yadama, G. (2018). Factors impacting clean fuels uptake. *Invited presentation by the Indian Institute of Technology Bombay for the International Workshop on Decentralizing Solar Solutions: Attaining and Sustaining Electricity Access for all*. Mumbai, India
12. Kumar, P. (2018). Understanding household, network, and organizational drivers of adoption, sustained use, and maintenance of clean cooking fuels in rural India. *GlobeMed Conference*, Boston College, Chestnut Hill (USA)
13. **Kumar, P.**, Yadama, G. (2017). Understanding household, network, and organizational drivers of adoption and sustained use of cleaner cooking fuels in rural India-Study Update. *Invited presentation by the Implementation Science Network for Clean Cooking, Fogarty International Center, National Institutes of Health*. Maryland, USA
14. **Kumar, P.**, Yadama, G. (2016). Understanding household, network, and organizational drivers of adoption and sustained use of cleaner cooking fuels in rural India. *Invited presentation by the Implementation Science Network for Clean Cooking, Fogarty International Center, National Institutes of Health*. Maryland, USA
15. Chalise, N., **Kumar, P.**, Yadama, G. (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*. Maryland, USA
16. Chalise, N., **Kumar, P.**, and Yadama, G (September 2016). Dynamics of Sustained Use and Abandonment of Cleaner Cooking Systems in Rural India. *McDonnell International Scholars Academy 6th International Symposium*. Brisbane, Australia
17. Polk, M., Chalise, N., **Kumar, P.**, & Yadama, G. N. (2014). Dynamics of Sustained Use of Clean Energy Systems in rural India. *Research Without Walls*, Washington University in St. Louis. St. Louis, Missouri, USA
18. Clare Brewka, C., Conlon-Zimmerman, K., **Kumar, P.**, & Siow Zing Zhen, S., Acharya, P., Kandicuppa, S. (2014). Engaging Dryland Communities Toward Sustainable Livelihoods and Ecosystems: System Dynamics Modeling for Village Perspective Planning in Gopalapuram, Andhra Pradesh. *Research Without Walls*. Washington University in St. Louis, Missouri, USA
19. Yadama, G. N., Biswas, P., Castro, M., Schechtmen, K., Chalise, N., Joshi, N., **Kumar, P.** (2012). Randomized Control Trial of Sustainability of Improved Biomass Cookstoves in Rajasthan, India. *McDonnell Academy Global Energy and Environment Partnership, 4th International Symposium*. Mumbai, India

Invited Lectures and Webinars

1. Kumar, P. (November 1, 2023). Innovations in Research Methods: Application of Social Network Analysis in Understanding Human Behavior. *Zhejiang University of Finance and Economics*, Zhejiang (China)
2. Kumar, P., (January 2023). Social Work Research & Transdisciplinary Science: Navigating Epistemic Contribution and Scientific Collaborations to Solve Complex Problems. 27th Annual Conference SSWR, Phoenix, Arizona (USA)
3. Kumar, P. (March 2022). Social Network Analysis. Invited lecture for BCSSW Doctoral Level Course: Data Analytics for Social Impact
4. Kumar, P. [Webinar Panelist] (April 2022). Impact of COVID-19 Pandemic on Research and Scholarship. South Asian Social Work Educators' Association (SASWEA).
5. Kumar, P. (October 2021) Household Air Pollution: A Silent Killer. *Schiller Institute Grants for Exploratory Collaborative Scholarship*. Boston College.
6. Kumar, P. Meeting the UN Sustainable Development Goals (April 20, 2021). *GreenWeek*, Boston College
7. Kumar, P. Determinants of sustained use of Liquefied Petroleum Gas (LPG) [clean cooking system] in rural India (April 19, 2021). Invited lecture to undergraduate students of course - Fundamentals and Applications of Sustainable Engineering, University of Kentucky
8. Kumar, P., Venkateswaran, J. Energy Access through Decentralized Solar Systems: Status, Challenges, Research. *SPARC Webinar series* (April 12, 2021). Weblink: https://www.youtube.com/watch?v=0hFQDfrz6x4&list=PLuV24wB_A98BfkF0KEIyqkybrzwoO5kaE&index=1
9. Kumar, P. Personal Network Analysis – Foundational Concepts. *SPARC Webinar series* (April 12, 2021). Weblink: https://www.youtube.com/watch?v=jwDq1bZyXHA&list=PLuV24wB_A98BfkF0KEIyqkybrzwoO5kaE&index=4
10. Kumar, P. Application of Personal Network Analysis – Case studies. *SPARC Webinar series* (April 13, 2021). Weblink: https://www.youtube.com/watch?v=IIn5NH4Abio&list=PLuV24wB_A98BfkF0KEIyqkybrzwoO5kaE&index=5
11. Kumar, P [Panelist] (October, 2020). Building Global Connections. Virtual Symposium, Hawaii Pacific University School of Social Work. Weblink: https://www.youtube.com/watch?v=iSsjoc3qQYo&list=PLuV24wB_A98AjLIdPjik1OA9ca-2XIwGK
12. Kumar, P. (2017). Energy poverty and Household air pollution. Invited lecture for undergraduate students of the course: ENV5 3340-01 Alternative Energy
13. Kumar, P. (2015) Energy Poverty and Role of Social Enterprises. *Doctoral level course: The Role and Use of Theory in Applied Social Research*, Brown School, Washington University in St. Louis, USA
14. Kumar, P. (2015) Guest lecture for 1st year doctoral students in the professional development seminar: “*Selecting Right electives*”. Brown School, Washington University in St. Louis, USA
15. Kumar, P. (2015) Servant Leadership: Case of Mother Teresa. *McDonnell Academy International Leadership Institute*, Washington University in St. Louis, USA
16. **Kumar, P.**, Tully, E., Mehta, S. (2015). Beyond Distribution: Ensuring and Evaluating the Adoption of Clean Cooking and Its Benefits. *Global Alliance for Clean Cookstoves* (United Nations Foundation). Webinar Available at: https://www.youtube.com/watch?v=rxNG6V3i_TU
17. Kumar, P. (2014) Mahatma Gandhi National Rural Employment Guarantee Scheme: Evaluation of Poverty Alleviation Program in India and its Policy Level Challenges. *Invited lecture. International Social and Economic Development Policy Course*, Brown School, Washington University in St. Louis, USA
18. Kumar, P. (2014) How to calculate Social Return on Investment for non-profit enterprises? *Invited lecture. Social Entrepreneurship course*, Brown School, Washington University in St. Louis, USA
19. Kumar, P. (2012) Role of Technology in addressing Energy Poverty in rural India. *Invited lecture. Social, Economic, and Political Environment Course*, Brown School, Washington University in St. Louis, USA

TEACHING EXPERIENCE

2017-current Instructor, Boston College School of Social Work
Graduate level courses

- SCWK 8889 Social Innovation
- SCWK 8840-01 Climate Change and Environmental Justice: Implications for Social Work

Undergraduate level courses

- ENV5 3345-01 Environment and Public Health

- 2022-current Led the development of an online course module on “Climate Change, Displacement, and Human Rights”, as part of the larger certificate course on Interdisciplinary Certificate in Humanitarian Assistance program. The course was launched by BCSSW’s Center for Social Innovation as part of the Global Practice Program’s initiative on Migrations, Refugees, and Social Interventions. The certificate is open to undergraduate, graduate, and professional students at BC as well as for professionals in international development settings, who need basic introductions to core humanitarian assistance competencies.
- 2013-2017 Instructor/Teaching Assistant, Washington University in St. Louis
Graduate level courses
- S40-5862 International Social and Economic Development Policy
 - S50-5060 Social Entrepreneurship
 - S60-5040 Environment, Climate and Community- Understanding and Intervening with Environment and Climate Vulnerable Populations
 - S90-6820 The Role and Use of Theory in Applied Social Research (PhD level course)
 - S50-5063 Social Innovation

COMPETITIVE FELLOWSHIPS AND AWARDS [SELECT]

- 2021 Received Open Access Publishing Fund (~1211 USD) for open access publication of our peer-reviewed manuscript in the Sustainability journal
- 2020 Boston College Faculty Fellowship for a one semester sabbatical (Spring 2021)
- 2018 *Erasmus Fellowship - visiting scholar, Pompeu Fabra University (UPF), Barcelona*
 European Commission and Pompeu Fabra University (UPF), Barcelona
- 2017 *First Prize - Three Minute Thesis*
 McDonnell International Scholars Academy, Washington University in St. Louis
- 2016 *People’s Choice Award– Three Minute Thesis International Competition*
 University of Queensland, Australia
- 2016 *Helen Ette Park Fellow*
 Washington University in St. Louis
- 2012-2017 *McDonnell International Scholar – India*
 Scholarship and full funding for pursuing PhD program
 McDonnell International Scholars Academy, Washington University in St. Louis
- 2015 *Conference Travel Support – Clean Cooking Adoption Workshop, Lima, Peru*
 Clean Cooking Alliance, United Nations Foundation
- 2015 *Summer Research Fellow 2015 – Clean Cooking Alliance*
 United Nations Foundation
- 2011 *KPMG Encore Kudos Award*
 Award for exceptional project delivery, implementation, and innovation
 KPMG
- 2010 *Erasmus Mundus Graduate Fellowship (declined)*
 European Commission
- 2009 *National business paper challenge winner (India) - International Entrepreneurship Summit, Indian*
 Institute of Technology – Kharagpur, India
- 2007-2008 *Nominated – Student of the Year for the final year*
 Institute of Chemical Technology, University of Mumbai, India
- 2006 *Best Speaker Award*
 VASTRA – National Debate Championship, India
- 2006-2007 *Nominated – Student of the Year for the pen-ultimate year*
 Institute of Chemical Technology, University of Mumbai, India
- 2004-2010 Numerous awards at inter-university and national debate championships in India

SERVICE TO ACADEMIA

- 2024 Organized Special Interest Group meeting for SSWR 28th Annual Conference
- 2023 Organized Special Interest Group meeting for SSWR 27th Annual Conference
- 2022 Organized Special Interest Group meeting for SSWR 26th Annual Conference

- 2021 Abstract reviewer for SSWR 2022 Conference
- 2021 Organized Special Interest Group meeting for SSWR 25th Annual Conference (March 30, 2021). Theme – Environmental Racism
- 2021 Co-organized SSWR workshop – An EcoSocial Work Perspective for Climate Justice: Degrowth Tools for Research, Practice, Education, and Policy for Creating a “New Normal”. SSWR 25th Annual Conference (May 13, 2021)
- 2020-current *Advisory member*
Grand Challenges for Social Work – Create social responses to a changing environment
- 2020-current Topic Editor, Sustainability Journal
- 2020 Abstract Reviewer for SSWR 2021
- 2020 Grant Reviewer: Grant Proposal to UK Medical Research Council (MRC)
- 2018-current Reviewer Board Member, International Journal of Environmental Research and Public Health
- 2021-current Associate editor, Annals of Global Health
- 2021 Book Chapters Review for National Association of Social Workers (NASW) for a book on EcoSocial Practice
- 2016-current Ad hoc Reviewer: *Journal of Community Practice; World Development; Journal of Community Medicine & Public Health Care (Herald Scholarly Open Access); Energy Research and Social Science; Eco Health; Plos One; Feminist Economics; Global Social Welfare; Climate; World Development Journal; GeoHealth; Annals of Global Health; International Journal of Environmental Research and Public Health; Sustainability; Environment International; International Journal of Community and Social Development; Environmental Research Letters; Nature Energy; Energy and Buildings*
- 2016 Cultural reviewer for Human Research Protection Office: *Intimate Partner Violence among South Asian Women: Prevalence and Help-Seeking Behaviors, A Study Using Mixed Methods* (IRB# 201607036). Washington University in St. Louis, USA

SERVICE TO SCHOOL

- 2023-current Member, Promotion & Tenure Committee, BCSSW
- 2022-2023 Led the development of an online course module on “Climate Change, Displacement, and Human Rights”, as part of the larger certificate course on Interdisciplinary Certificate in Humanitarian Assistance program. The course was launched by BCSSW’s Center for Social Innovation as part of the Global Practice Program’s initiative on Migrations, Refugees, and Social Interventions.
- 2022-current Member, BCSSW Executive Board
- 2022 Reviewer – BCSSW Dorothy Book Award 2022
- 2022 PhD applicants’ reviewer (two applications), BCSSW
- 2021 Keynote address for incoming MSW students in Fall 2021
- 2020-current Member, MSW Macro Curriculum Task Force
- 2019 Reviewer – BCSSW Dorothy Book Award 2019
- 2020 Presentation for Macro Social Work - information session for prospective students
- 2019-current Member - Equity, Justice, and Inclusion Committee, Boston College School of Social Work
- 2018-2020 Member, BCSSW Doctoral Advisory Committee
- 2018-current Member, Local and Global Sustainable Development Strategic Plan Working Group, BCSSW
- 2018 PhD applicants’ reviewer (one application), BCSSW
- 2017 PhD applicants’ reviewer (two applications), BCSSW
- 2017 Guest lecture on “Preparation for Job Talk” for BCSSW PhD candidates
- 2016 Coordinator - People and Climate Change: Vulnerability, Adaptation, Social Justice Symposium, Brown School, Washington University in St. Louis, USA
- 2008-2009 Cohort Representative - Graduate Class of Social Entrepreneurship School of Management & Labor Studies, Tata Institute of Social Sciences, India

SERVICE TO UNIVERSITY

- 2023 Co-lead, Boston College Delegation to COP28 UN Climate Change Conference, Dubai
- 2021 Delegate, Boston College Delegation to COP26 UN Climate Change Conference, Glasgow (November 2021). Funded by BCSSW Center for Social Innovation
- 2022 – current Member – Boston College Design & Innovation Advisory Committee for the Hatchery and the Prototyping Spaces

2022 Reviewer – Boston College pre-proposal submissions for Pew Biomedical program call for grants
 2021 – current Member – Boston College Academic Technology Advisory Board (ATAB)
 2021 Panelist, Part of a panel discussion for the Boston College Board of Regents outlining our interdisciplinary research, utility of involving students in faculty-led research, and their impact on society
 2021 Delegate, Boston College Delegation to COP26 UN Climate Change Conference, Glasgow
 2020 Co-hosted a podcast for the BC Show@6: BC and the Common Good on the topic “BC Sustainability”
 2019-2020 Faculty Technology Committee, Boston College
 2019-2020 Member – Boston College GIS consultant Job Search Committee
 2017-2018 Member, Boston College Library Advisory Committee
 2017-2018 Member, Boston College Global Engagement Committee
 2013-2014 Vice-president, International Center for Career Advancement and Networking (I-CAN)
 Washington University in St. Louis, USA
 2006-2007 Editor – *University Newsletter: The Spirit*
 Institute of Chemical Technology, University of Mumbai, India
 2005-2006 University Brochure Design Committee Member
 Institute of Chemical Technology, University of Mumbai, India

SERVICE TO COMMUNITY

2020-current *Mentor*
 Energy *Swaraj* Foundation – Non-profit working to promote clean energy in poor households of India
 2022-current Board Member
 Friends of Kalangarai – A non-profit organization empowering the widowed women of India.

RESEARCH SUPERVISION

2023-2024 PhD Students – Spencer Sandberg
 Undergraduate students – Sarah Treacy, Tommy Frohlichstein, Erin Marmen
 2022-2023 PhD students – Sanjeev Dahal
 Master students – Karina Lichtman
 Undergraduate students – Brian Rooney, Katherine Thomas
 2021-2022 PhD students – Cara Antonaccio, Divya Bhagia
 Undergraduate students – Jasmine Lee, Cynthia Ma
 2020-2021 PhD Students – Cara Antonaccio, Liang Yin, Benjamin Ferri
 Undergraduate students – Jasmine Lee, Cynthia Ma
 2019-2020 PhD students – Smitha Rao, Cara Antonaccio, Sanjeev Dahal, Kimberly Hokanson
 Master students – Johanna Lynch, Mary Ulseth, Sarah Austin
 2018-2019 Master students – Sophia Hadingham, Jannah Muhammad, Carolina Velazquez, Kailey Cano
 Undergraduate students – Romina Garakani
 2017-2018 PhD students – Antonia Diaz Valdes Iriarte, Smitha Rao
 Master students – Leah Igdalsky
 Undergraduate students – Joshua Elbaz

THESIS/DISSERTATION SUPERVISION

2022-current Chair, PhD Dissertation Committee: Spencer Sandberg
 2021-2023 Member, PhD Dissertation Committee: Sanjeev Dahal
 2019-2020 Member, PhD Publishable Paper Committee: Sanjeev Dahal
 2019-2020 Undergraduate thesis advisor: Romina Garakani
 2020-2021 Undergraduate thesis advisor: Maritha Du, Andrea Fortin
 2021-2022 Undergraduate thesis advisor: Cynthia Ma, Natalie Dryja, Olivia Bird

HONORABLE MEDIA MENTIONS [SELECT]

1. India’s Impact on Global Health. *Global Health Matters. Fogarty International Center, National Institutes of Health* January/February 2024 | Volume 23 Number 1. <https://www.fic.nih.gov/News/GlobalHealthMatters/january-february-2024/Pages/india-impact-on-global-health.aspx>
2. Diaspora influence on Clean Cooking in India. *Global Health Matters. Fogarty International Center, National Institutes of Health.* January/February 2024 | Volume 23 Number 1.

<https://www.fic.nih.gov/News/GlobalHealthMatters/january-february-2024/Pages/diaspora-influence-clean-cooking-india.aspx>

3. Environmental Social Work: Coming into Its Own. Social Work Advocates. National Association of Social Workers (Winter 2024)
4. Is Women's Empowerment a Key to Climate Adaptation. *National Institutes of Health Record* (October 13, 2023). Article Weblink: <https://nihrecord.nih.gov/2023/10/13/womens-empowerment-key-climate-adaptation>
5. Why the Centre's claim of distributing 9.49 crore LPG connections is only half the story. Scroll India (October 10, 2022) <https://scroll.in/article/1034532/why-the-centres-claim-of-distributing-9-49-crore-lpg-connections-is-only-half-the-story>
6. Personal networks are associated with clean cooking fuel adoption in rural South India. (June 29, 2021). Retrieved from <https://www.eurekalert.org/news-releases/496479>
7. BC-led study finds social networks play a powerful role in adoption of clean cooking fuel in India. (July 13, 2021). Retrieved from <https://www.bc.edu/content/bc-web/bcnews/nation-world-society/international/clean-cooking-in-india.html>
8. Create Social Responses to a Changing Environment: A Grand Challenge for Society and Social Work; *Spotlight – Praveen Kumar*; (October, 2018). Retrieved from <http://envchange.org/spotlight-2/>
9. A \$75 million attempt to end indoor air pollution ended up siding with fossil fuels; *Quartz*; (July 14, 2018) Retrieved from <https://qz.com/1327615/why-does-the-global-alliance-for-clean-cookstoves-promote-fossil-fuels/>
10. Household air pollution kills 4 million people annually. What's the solution; retrieved from https://www.bc.edu/content/bc-web/schools/ssw/bcssw-news/2020/household-air-pollution-kills-4-million-people-annually--building_strong_social_networks_could_help.html

EVENTS ORGANIZED [SELECT]

- March 2024 Co-moderated with Dr. Sandeep K to interview Mr. Yashwant Deshmukh. Topic - The Hitchhiker's Guide to Indian Elections: A Psephologist's Perspective. *East West Center Research Speaker Series (Hawaii, USA)*. https://www.youtube.com/watch?v=fMHEJ_av7fI
- 2024 Special Interest Group for SSWR 28th Annual Conference. Theme – Environmental Racism
- 2023 Special Interest Group for SSWR 27th Annual Conference. Theme – Emerging Areas of Research in Environmental Justice, Phoenix, Arizona (USA)
- 2021 Workshop – An EcoSocial Work Perspective for Climate Justice: Degrowth Tools for Research, Practice, Education, and Policy for Creating a “New Normal”. SSWR 25th Annual Conference (May 13, 2021)
- 2021 Webinar series - Attaining and Sustaining Energy Access through Decentralized Solar Systems (April 12 – April 17, 2021) [Funded by SPARC (Government of India)]
- 2021 Special Interest Group for SSWR 25th Annual Conference. Theme – Environmental Racism
- 2018-2020 Social Innovation Day (annual event as a part of the SCWK 8889 Social Innovation Course)
- 2020 Co-hosted a podcast for the BC Show@6: BC and the Common Good on the topic “BC Sustainability”

SPECIALIZED TRAINING COMPLETED

- 2021 *Panel data analysis using R*
Statistical Horizons
- 2021 *Social Network Analysis*
Statistical Horizons
- 2018 *Egocentric network research*
LINKS Center summer workshop, University of Kentucky (USA)
- 2018 *Intensive course on Fundamentals of Implementation Science in Global Health*
Department of Global Health, University of Washington, Seattle (USA)
- 2018 *Collaborative Institutional Training Initiative (CITI) Training*
Boston College

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

1. Society for Social Work and Research
2. Affiliate- Johns Hopkins Center for Global NCD Research and Training
3. Fellow- Initiative for Sustainable Energy Policy, School of Advanced International Studies, Johns Hopkins University

4. Affiliate Faculty – Global Public Health and the Common Good, The Schiller Institute for Integrated Science and Society, Boston College
5. Affiliate Faculty – Environmental Studies Program, Boston College
6. Mentor, Energy *Swaraj* Foundation, India