
NICHOLAS L. LAM

25800 Carlos Bee Blvd ◊ Robinson Hall 232 ◊ Hayward, CA 94542
+1 · (510) · 885 · 3885 ◊ nicholas.lam@csueastbay.edu | nickllam@gmail.com

EDUCATION

- Ph.D. | University of California, Berkeley** 2014
Environmental Health Sciences
Concentrations: Epidemiology, Development Economics
- M.S. | University of California, Berkeley** 2009
Environmental Health Sciences - Health, Energy & Development Program
- B.S. | University of California, Irvine** 2006
Applied Ecology (*Cum Laude*)

PROFESSIONAL APPOINTMENTS

- California State University East Bay** 2022 - Present
Public Health
Assistant Professor
- Schatz Energy Research Center** 2018 - Present
California State Polytechnic University Humboldt
Research Scientist
- University of Illinois at Urbana-Champaign** 2014 - 2018
Civil & Environmental Engineering
Postdoctoral Research Scholar

RESEARCH EXPERIENCE

- Schatz Energy Research Center** 2018-Present
Research Scientist Arcata, CA
Health & Energy | Off-Grid Energy Access
- Applied research on issues at the intersection of health, energy, and climate in resource limited settings, specializing in sizing the opportunity for clean energy transitions to impact welfare and climate; and development of infrastructure to improve access to health services. Principal investigator lead for Off-Grid Energy Access (PI co-lead) and Health & Energy (PI lead) topic areas.
- University of Illinois at Urbana-Champaign** 2014 - 2018
Post Doctoral Research Scholar - Tami Bond Research Group Urbana, IL
Civil and Environmental Engineering
- Developed spatiotemporal inventories of residential energy requirements and emissions to model health and climate impacts of current practices and under energy access intervention conditions across sociodemographic indicators. Designed and conducted field studies in Alaska, China, Nepal, and Kenya to assess the performance and adoption of cooking, heating, and lighting interventions on air pollutant emissions, indoor concentrations, and exposure.
- University of California, Berkeley** 2007 - 2014
Graduate Researcher - Kirk Smith Research Group Berkeley, CA
Environmental Health Sciences | Global Health

- Conducted desk and field research examining relationships between health, energy, and climate with an emphasis on exposure assessment and resource restricted settings. Included contributions to the development and validation of low-cost sensors and associated deployment methodologies for measuring air quality, exposure, appliance usage, and personal location relative to exposure sources. Field measurement campaigns and collaborations in Mexico, Guatemala, Indonesia, and India.

Berkeley Air Monitoring Group

Research Associate

2007 - 2011

Berkeley, CA

- Designed and implemented monitoring and evaluation programs to assess the impacts of clean cooking programs on health, air quality, exposure, and climate. Implemented or managed projects in South Asia (India, Nepal), East Asia (China), Latin America (Honduras, Mexico), East Africa (Kenya, Uganda, Madagascar, Ethiopia), and West Africa (Ghana).

International Institute of Applied Systems Analysis

Young Scientist Summer Program Research Assistant

Energy Program | AIR Program

2013

Laxenburg, Austria

- Designed and implemented a desk-based research study to examine the air quality, health, and economic impact of kerosene subsidies as a result of its use a lighting fuel in India. Added fuel-based lighting within a global pollutant inventory used widely to examine costs and trade-offs of air pollution and climate interventions.

University of California, Irvine

Research Associate - Rufus Edwards Research Group

Department of Epidemiology, School of Medicine

2006 - 2007

Irvine, CA

- Designed and implemented a lab-based study to estimate the historic effects of ambient ozone on the deterioration of lead-based paints and subsequent exposure in the South Coast Air Basin.

ADVISING & MENTORSHIP

Cal Poly Humboldt

• **Energy, Technology, & Policy Program - Masters Thesis Committee Member**

- Hamidah Namakuli (MS, Energy, Technology, & Policy) 2020 - current
- Nicole Salas (MS, Energy, Technology, & Policy) 2020 - 2022
- Grishma Dahal (MS, Energy, Technology, & Policy) 2018 - 2020
- Chih-Wei Hsu (MS, Energy, Technology, & Policy) 2017 - 2019

University of Illinois at Urbana-Champaign

• **Supervisor/Postdoctoral Advisor**

- Jacqueline Glattard (BS, Civil & Environmental Engineering) 2017 - 2018
- Lama Aoudi (BS, Civil & Environmental Engineering) 2016 - 2017
- Bora Ozaltun (BS, Civil & Environmental Engineering) 2016 - 2017
- Li Xu (PhD, Geography & MS Statistics) 2018 - 2020
- Liqun Peng (MS, Civil & Environmental Engineering) 2016 - 2017
- Margaret McPhillips (BS, Integrative Biology) 2015 - 2017

Other Universities & Institutions

- **Emory University Rollins School of Public Health**

- Thomas Dang (MPH, Gangarosa Dept. of Environmental Health)

2021 - 2022

SERVICE TO INSTITUTION

Schatz Energy Research Center

- Schatz Center Search Committees 2018, 2019, 2020
Two professional staff searches & three cluster student researcher searches
- Schatz Center Mentorship Program (*co-founder, coordinator*) 2019 - current
- Schatz Center COVID-19 Task Force (*member*) 2020 - current
- Schatz Center Social Committee (*coordinator*) 2019 - current
- Diversity Equity & Inclusion Committee (*member*) 2019-2021
- Schatz Center Energy Fellows Seminar (*coordinator, founder*) 2020 - current
- Schatz Center Summer Research Assistant Seminar (*coordinator, co-founder*) 2018 - 2019

University of California, Berkeley

- UC Berkeley EHS Department Doctoral Student Representative (elected) 2012
- UC Berkeley EHS Department Masters Student Representative (elected) 2010

SERVICE TO PROFESSION

- **American Thoracic Society Research Assembly** - Co-chair - Household air pollution interventions to improve lung health in low and middle income countries: How does research translate into real-world decisions? 2022-Present
- **Manuscript Referee** - *Environmental Science & Technology, PLoS One, PLoS Medicine, Environmental Research Letters, Science of the Total Environment, Sustainability, Indoor Air, Environmental Health, Energy Strategy Reviews, Greenhouse Gasses, Science of The Total Environment, World Development, Energy Reports, Journal of Exposure Science & Environmental Epidemiology*
- **Member** - International Organization for Standardization (ISO) TC285 - Member of Working Group 3 – Field Testing 2016-2019
- **Member** - Global Association for Off-Grid Solar Energy (GOGLA) Impact Working Group 2019-current

PROFESSIONAL MEMBERSHIPS

- International Society of Exposure Assessment (Member)

GRANTS

Principal Investigator ***
Co-Principal Investigator **
Co-Investigator *

21. "Climate friendly cold storage and electrification roadmaps to support resilient health service delivery" ***
World Bank (\$90,000) 2022 - present
20. "Community-sustaining air filtration for protection from extreme wildfire smoke" **
California 100 Initiative (\$300,000) 2022 - present

-
19. "Multi-Tier Framework Survey analysis: survey harmonization and outreach"*** 2021 - present
World Bank (\$50,000)
 18. "Development and provision of technical guidance on energy requirements and low carbon option for COVID-19 vaccine cold chains"*** 2021 - 2022
World Bank (\$280,000)
 17. "Air pollution monitoring support for measurements in the Hoopa Valley, California & development of analysis toolkit" *** 2020 - 2022
US Environmental Protection Agency (\$60,00)
 16. "Multi-Tier Framework Survey analysis: Analysis of electric cooking users & multi-country survey harmonization"*** 2020 - present
World Bank (\$36,000)
 15. "Smoke, Air, Fire, Energy (SAFE) in rural California: energy and air infrastructure for climate-smart communities"* 2020 - present
California Strategic Growth Council (\$1,000,000)
 14. "Multi-Tier Frameworks Survey analysis: off-grid solar product users"*** 2019 - present
World Bank (\$197,000)
 13. "Low energy inclusive appliance (LEIA) averted emissions modeling tool"*** 2019 - 2022
CLASP (\$40,000 (2019), \$15,000 (2020))
 12. "Biogas and induction stove transition in Nepal policy outreach"*** 2020 - 2021
Clean Cooking Alliance (\$36,000)
 11. "Investment and climate mitigation potential for distributed energy solutions in energy poor countries"*** 2020 - 2021
Catalyst Off-Grid Advisors (Rockefeller Foundation & Shell Foundation) (\$18,536)
 10. "Maximizing health and air quality benefits of clean cooking systems in peri-urban Nepal - Phase 2"*** 2019 - 2021
Clean Cooking Alliance (\$156,000)
 9. "Effect of a solar lighting intervention on fuel-based lighting use and exposure to household air pollution in rural Uganda: A randomized controlled trial"*** 2019 - 2021
Massachusetts General Hospital (\$14,000)
 8. "Off-grid refrigeration use case segmentation"*** 2018 - 2019
Energy Savings Trust (\$60,000)
 7. "Welfare and environmental impacts of backup generators (BUGS) in low- and middle- income countries"*** 2018 - 2019
International Finance Corporation (\$80,000)
 6. "Solar water pump performance testing for results-based financing"* 2018 - 2020
CLASP (\$170,000)
 5. "Maximizing health and air quality benefits of clean cooking systems in peri-urban Nepal - Phase 1"* 2018 - 2020
Clean Cooking Alliance (\$80,000)
 4. "In-field emissions from biogas & LPG cookstoves"* 2018 - 2020
Clean Cooking Alliance (\$100,000)
 3. "Off-grid solar product user impact evaluation"*** 2018 - 2021
United Nations Clean Development Fund (\$80,000)

-
2. "Low Energy Inclusive Appliance (LEIA) research strategy development"**. 2018
CLASP (\$30,000)
 1. "Effects of solar lighting adoption on exposure to particulate matter"**. 2015 - 2017
Google.org (\$120,000)

AWARDS & FELLOWSHIPS

- Behavioral Sensing Fellowship, Center for Effective Global Action, UC Berkeley 2014
- International Institute of Applied Systems Analysis (IIASA) Young Scientists Summer Program Fellow, US National Academy of Sciences 2013
- Behavioral Sensing Fellowship 2013, Center for Effective Global Action, UC Berkeley 2013
- IDEA Lab Fund Recipient (The Household Energy Idea Lab), Blum Center, UC Berkeley 2013
- Outstanding Graduate Student Instructor Award - UC Berkeley 2012
- Environmental Health Sciences Block Grant Recipient, UC Berkeley 2009, 2011, 2012
- Second Place UC Berkeley School of Public Health Research Symposium 2009

PUBLICATIONS IN PREPARATION OR SUBMITTED

Peer-Reviewed Journal Articles

Lam NL, Goel V, Blasdel, MA, Xu L, Ruiz-Mercado I, Whitacre J, Bond TC. "Addressing high emissions from the residential sector: effect of services and household constraints on national and subnational reduction potential". (in preparation for special issue in *Environmental Research Letters*)

Lam NL, Wallach ES, Hsu CW, Purohit P, Klimont Z, Jacobson A, Alstone P. "The dirty footprint of the broken grid: fleet characteristics and emissions of backup generators used in developing countries". (in preparation)

Lam NL, Thompson R, Upadhyay B, Maharajan S, Weyant C, Uprety S, Bond TC. "Factors affecting seasonal emission rates from household cooking devices in Western Nepal". (in preparation)

Technical Reports & Policy Briefs

Lam NL, Wallach ES, Jacobson A. "Impacts of off-grid solar lighting systems: An analysis of the World Bank Multi-Tier Framework Surveys". World Bank Technical Report (In preparation)

Ochieng C, Lam NL, Wallach ES. "Characterizing electric cooking appliance users: An analysis of the World Bank Multi-Tier Framework Surveys". World Bank Technical Report (In preparation)

PUBLICATIONS

Peer-Reviewed Journal Articles

Liu, Y, Z Li, F Floess, Y Zhang, N Lam, SK Mawusi, P Shrestha, X Li, C Xue, and G Liu (In Press). "Field assessment of straw pellet combustion in improved heating stoves in rural Northeast China". In: *Journal of Environmental Sciences*.

Wallach, ES, NL Lam, E Nuwagira, D Muyanja, M Tayebwa, L Valeri, AC Tsai, J Vallarino, JG Allen, and PS Lai (2022). "Effect of a solar lighting intervention on fuel-based lighting use and exposure to household air pollution in rural Uganda: A randomized controlled trial". In: *Indoor Air* 32.2, e12986.

-
- Sundararajan, R, H D’Couto, J Mugerwa, M Tayebwa, E Nuwagira, D Muyanja, B Kakuhikire, NL Lam, ES Wallach, M O’Wiens, M Ponticiello, D Stanistreet, AC Tsai, J Vallarino, JG Allen, D Muyanja, MG Shrimmer, E Nuwagira, and PS Lai (2022). “Use, cost-effectiveness, and end user perspectives of a home solar lighting intervention in rural Uganda: a mixed methods, randomized controlled trial”. In: *Environmental Research Letters* 7, p. 015002.
- Conibear, Luke, Edward W Butt, Christoph Knote, Nicholas L Lam, Stephen R Arnold, Kushal Tibrewal, Chandra Venkataraman, Dominick V Spracklen, and Tami C Bond (2020). “A complete transition to clean household energy can save one-quarter of the healthy life lost to particulate matter pollution exposure in India”. In: *Environmental Research Letters* 15.9, p. 094096.
- Saleh, Sepeedeh, Wendi Shepherd, C Jewell, Nicholas L Lam, John Balmes, Michael N Bates, Peggy S Lai, Caroline A Ochieng, Martha Chinouya, and Kevin Mortimer (2020). “Air pollution interventions and respiratory health: a systematic review”. In: *The International Journal of Tuberculosis and Lung Disease* 24.2, pp. 150–164.
- Bates, Michael N, Karl Pope, Tula Ram Sijali, Amod K Pokhrel, Ajay Pillarisetti, Nicholas L Lam, and Sharat C Verma (2019). “Household fuel use and pulmonary tuberculosis in western Nepal: A case-control study”. In: *Environmental Research* 168, pp. 193–205.
- Weyant, Cheryl L, Ryan Thompson, Nicholas L Lam, Basudev Upadhyay, Prabin Shrestha, Shovana Maharjan, Kaushila Rai, Chija Adhikari, Maria C Fox, and Amod K Pokhrel (2019). “In-field emission measurements from biogas and liquified petroleum gas (LPG) stoves”. In: *Atmosphere* 10.12, p. 729.
- Rooney, Brigitte, Ran Zhao, Yuan Wang, Kelvin H Bates, Ajay Pillarisetti, Sumit Sharma, Seema Kundu, Tami C Bond, Nicholas L Lam, Bora Ozaltun, et al. (2019). “Impacts of household sources on air pollution at village and regional scales in India”. In: *Atmospheric Chemistry and Physics* 19.11, pp. 7719–7742.
- Lam, Nicholas L, Basudev Upadhyay, Shovana Maharjan, Kirstie Jagoe, Cheryl L Weyant, Ryan Thompson, Sital Uprety, Michael A Johnson, and Tami C Bond (2017). “Seasonal fuel consumption, stoves, and end-uses in rural households of the far-western development region of Nepal”. In: *Environmental Research Letters* 12.12, p. 125011.
- Lam, Nicholas L, Godfrey Muhwezi, Fred Isabirye, Kat Harrison, Ilse Ruiz-Mercado, Edward Amukoye, Tom Mokaya, Michael Wambua, and Michael N Bates (2018). “Exposure reductions associated with introduction of solar lamps to kerosene lamp-using households in Busia County, Kenya”. In: *Indoor Air* 28.2, pp. 218–227.
- Pillarisetti, Ajay, Tracy Allen, Ilse Ruiz-Mercado, Rufus Edwards, Zohir Chowdhury, Charity Garland, L Drew Hill, Michael Johnson, Charles D Litton, Nicholas L Lam, et al. (2017). “Small, smart, fast, and cheap: microchip-based sensors to estimate air pollution exposures in rural households”. In: *Sensors* 17.8, p. 1879.
- Lam, Nicholas L, Shonali Pachauri, Pallav Purohit, Yu Nagai, Michael N Bates, Colin Cameron, and Kirk R Smith (2016). “Kerosene subsidies for household lighting in India: what are the impacts?” In: *Environmental Research Letters* 11.4, p. 044014.
- Rosenbaum, Ralph K, Arjen Meijer, Evangelia Demou, Stefanie Hellweg, Olivier Jolliet, Nicholas L Lam, Manuele Margni, and Thomas E McKone (2015). “Indoor air pollutant exposure for life cycle assessment: regional health impact factors for households”. In: *Environmental Science & Technology* 49.21, pp. 12823–12831.
- Long, Alexandra S, Christine L Lemieux, Paul Yousefi, Ilse Ruiz-Mercado, Nicholas L Lam, Carolina Romero Orellana, Paul A White, Kirk R Smith, and Nina Holland (2014). “Human urinary muta-

genicity after wood smoke exposure during traditional temazcal use”. In: *Mutagenesis* 29.5, pp. 367–377.

Johnson, Michael A, Verónica Pilco, Rafael Torres, Sandeep Joshi, Rajeev M Shrestha, Mahesh Yagnaraman, Nicholas L Lam, Brenda Doroski, John Mitchell, Eduardo Canuz, et al. (2013). “Impacts on household fuel consumption from biomass stove programs in India, Nepal, and Peru”. In: *Energy for Sustainable Development* 17.5, pp. 403–411.

Johnson, Michael, Nick Lam, Simone Brant, Christen Gray, and David Pennise (2011). “Modeling indoor air pollution from cookstove emissions in developing countries using a Monte Carlo single-box model”. In: *Atmospheric Environment* 45.19, pp. 3237–3243.

Lam, Nick, Mark Nicas, Ilse Ruiz-Mercado, Lisa M Thompson, Carolina Romero, and Kirk R Smith (2011). “Non-invasive measurement of carbon monoxide burden in Guatemalan children and adults following wood-fired temazcal (sauna-bath) use”. In: *Journal of Environmental Monitoring* 13.8, pp. 2172–2181.

Lam, Nicholas L, Yanju Chen, Cheryl Weyant, Chandra Venkataraman, Pankaj Sadavarte, Michael A Johnson, Kirk R Smith, Benjamin T Brem, Joseph Arineitwe, Justin E Ellis, et al. (2012). “Household light makes global heat: high black carbon emissions from kerosene wick lamps”. In: *Environmental Science & Technology* 46.24, pp. 13531–13538.

Lam, Nicholas L, Kirk R Smith, Alison Gauthier, and Michael N Bates (2012). “Kerosene: a review of household uses and their hazards in low-and middle-income countries”. In: *Journal of Toxicology and Environmental Health, Part B* 15.6, pp. 396–432.

Ruiz-Mercado, Ilse, Nick Lam, Eduardo Canuz, Rudinio Acevedo, and Kirk Smith (2011). “Modeling the variability in kitchen time-activity and its effect on exposure to PM_{2.5} from biomass cooking”. In: *Epidemiology* 22.1, S217.

Venkataraman, Chandra, Ambuj D Sagar, Gazala Habib, Nick Lam, and Kirk R Smith (2010). “The Indian national initiative for advanced biomass cookstoves: the benefits of clean combustion”. In: *Energy for Sustainable Development* 14.2, pp. 63–72.

Edwards, Rufus D, Nicholas L Lam, Lin Zhang, Michael A Johnson, and Michael T Kleinman (2009). “Nitrogen dioxide and ozone as factors in the availability of lead from lead-based paints”. In: *Environmental Science & Technology* 43.22, pp. 8516–8521.

Ruiz-Mercado, Ilse, Nick L Lam, Eduardo Canuz, Gilberto Davila, and Kirk R Smith (2008). “Low-cost temperature loggers as stove use monitors (SUMs)”. In: *Boiling Point* 55, pp. 16–18.

Selected Technical Reports & Policy Briefs

Lam, Nicholas L, Amod K Pokhrel, Omprakesh Kurmi, Maia Cheli, and Eli S Wallach (2021). *Maximizing the benefits of clean household energy in peri-urban Nepal*. Tech. rep. Clean Cooking Alliance.

Lam, Nicholas L, Amod K Pokhrel, Omprakesh Kurmi, and Maia Cheli (2021). *Maximizing the benefits of clean household energy in peri-urban Nepal*. Tech. rep. Clean Cooking Alliance.

Clean Cooking Alliance (2020). *Maximizing the benefits of clean household energy in peri-urban Nepal*. Tech. rep. Clean Cooking Alliance.

Lam, Nicholas L, Eli S Wallach, Chih-Wei Hsu, Arne Jacobson, Kat Harrison, Shahnaz Khan, and Pranav Sridhar (2020). *Use cases and cost breakdown of off-grid refrigeration systems*. Tech. rep. Efficiency for Access Coalition.

Lam, Nicholas L, Chih-Wei Hsu, Richa Goyal, Joseph Arinetwe, and Arne Jacobson (2020). *Energy access and off-grid use in Uganda: Examining solar adoption and the role of flexible payment mechanisms as a driver for energy access*. Tech. rep. United Nations Capital Development Fund.

Lam, Nicholas L, Eli S Wallach, Chih-Wei Hsu, Arne Jacobson, Peter Alstone, Pallav Purohit, and Zbigniew Klimont (2019). *The Dirty Footprint of the Broken Grid: The Impacts of Fossil Fuel Backup Generators in Developing Countries*. Tech. rep. International Finance Corporation.

Jacobson, Arne, Nicholas L Lam, Tami C Bond, and Nathan Hultman (2013). *Black carbon and kerosene lighting: An opportunity for rapid action on climate change and clean energy for development*. Tech. rep. The Brookings Institution.

Johnson, Michael A, Nicholas L Lam, David Pennise, Dana Charron, Tami C Bond, Vijay Modi, and Joseph A Ndemere (2011). *In-home emissions of greenhouse pollutants from rocket and traditional biomass cooking stoves in Uganda*. Tech. rep.

SELECTED PRESENTATIONS

Weyant C, Thompson R, Lam NL, Upadhyay B, Shrestha P, Maharjan S, Rai K, Adhikari C, Pokhrel A. em Emissions from biogas, LPG, and wood cooking in Nepal and the impact of fuel mixes on overall pollution burden. American Association for Aerosol Research. October 2020. Virtual Conference.

Lam NL, Hsu CW, Goyal R, Arineitwe J, Jacobson A. *Digital inclusivity for increased energy access: end-user insights*. Global Association for Off-Grid Solar Energy Forum. February 20, 2020. Nairobi, Kenya.

Lam NL, Alstone P. *The global burden of backup generators*. Humboldt State Sustainable Futures Speaker Series, April 16, 2020. Arcata, CA.

Lam NL. *Measurements of energy use in households: what it means to “leave no-one behind”*. Pathways to Clean Cooking 2050: Leaving No-One Behind. May 30, 2019. Wexford, Ireland.

Bond TC, Lam NL, Ozaltun, B. *Spatial, Resource and Income Constraints on Residential Solid-Fuel Transitions*. Scenarios Forum 2019. March 2019. Denver, CO.

Lam NL. *Increasing energy access to benefit health and the environment*. Humboldt State Sustainable Futures Speaker Series. April 12, 2018. Arcata, CA.

Chafe Z, Lam NL, Purohit P. *Household solid fuel combustion for space heating: Updating emissions estimates to better understand air pollution, health, and climate change impacts*. 18th GEIA Conference. September 15, 2017. Hamburg, Germany.

Lam NL, Upadhyay B, Maharajan S, Jagoe K, Thompson R, Weyant C, Uprety S, Johnson M, Bond TC. *Seasonal fuel consumption, stoves, and end-uses*. Pathways 2050 Workshop. Morelia, Mexico, June 7-9, 2017.

Bond TC, Lam NL, Thompson R, Upadhyay B, Maharjan S, Uprety S. *Attribution of air pollution from solid fuel to cooking and heating in Nepalese homes*. Proceedings of Indoor Air 2016, Brussels, Belgium. July 3-8, 2016.

Merrin Z, Francisco PW, Bond TC, Lam NL, Thompson R, Weyant C. *Air quality implications of heating with wood stoves*. Proceedings of Indoor Air 2016, Brussels, Belgium. July 3-8, 2016.

Lam NL, Bond TC. *Residential sector: Emissions & mitigation potential*. Energy Modeling Forum: Workshop on Climate Change Impacts and Integrated Assessment (CCI/IA), Snowmass, Colorado. July 21-31, 2015.

Lam NL, Winijkul E, Bond TC. *Emissions and mitigation scenarios for residential combustion of solid fuels*. Global Emission Inventory Activity Conference, Beijing, China, Nov 2015.

-
- Winijkul E, Lam NL, Fierce L, Bond TC. *Emissions from residential combustion considering end-uses and spatial constraints*. American Geophysical Union Conference, San Francisco, California, Dec 2015.
- Lam NL. *Mapping developing country residential energy emissions and intervention potentials*. Presented at the University of Illinois at Urbana-Champaign GIS Day 2015, November 10, Urbana, IL, USA.
- Pillariseti A, Lam NL, Pokhrel A, Hill LA, Allen T, Kunwar B, Pandey B, Thapa S, Sijali TR, Smith KR, Bates MN. 2015, *A Low-Cost, Carbon Dioxide Monitoring System for Estimating Household Air Exchange Rates*. International Society of Exposure Science. Henderson, Nevada: October.
- Lam NL, Nagai Y, Purohit P, Cameron C, Pachauri S. *Characterizing kerosene demand for light in India and evaluating measures affecting access and dependence*. Proceedings of Innovating Energy Access for Remote Areas: Discovering Untapped Resources. MES-BREG Conference, 2014, April 10-12, Berkeley, CA, USA.
- Hill LD, Yumchindorj D, Edwards RD, Suvdaa G, Jargalsaikham G, Lam NL, Chimendsuren O, Damka O, Pillarisetti A, Smith KR. *Indoor particulate matter exposure in winter in the ger region of Ulaanbaatar, Mongolia*. Presented at ISES-ISEE 2013, August 20-23, Basel, Switzerland.
- Lam NL, Cohan AJ, Zhang L, Dabdub D, Johnson M, Kleinman MT, Edwards RD. *Combined effects of O₃ and NO₂ in increasing lead availability from paints*. Presented at ISES-ISEE 2010, August 1-5, Seoul, Korea.
- Ruiz-Mercado I, Lam NL, Canuz E, Acevedo R, Smith KR. *Modeling variability in kitchen time activity of adult Guatemalan women cooking with biomass*. Presented at ISES-ISEE 2010, August 1-5, Seoul, Korea.