

KATHERINE L. DICKINSON

ASSISTANT PROFESSOR OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH
COLORADO SCHOOL OF PUBLIC HEALTH
UNIVERSITY OF COLORADO ANSCHUTZ MEDICAL CAMPUS
13001 E. 17TH PL., CAMPUS BOX B199, AURORA, CO 80045
OFFICE: (303) 724-4093 • CELL: (303) 501-3927
KATHERINE.DICKINSON@CUANSCHUTZ.EDU

EDUCATION

- 1998-2003 **Stanford University, Stanford, CA**
B.S. and M.S. in Earth Systems (Minor in International Relations)
B.S. Awarded with Distinction and with Interdisciplinary Honors in Environmental Science, Technology, and Policy.
- 2003-2008 **Nicholas School of the Environment, Duke University, Durham, NC**
Ph.D. in Environmental Economics and Policy
Dissertation: Indian Toilets and Tanzanian Mosquito Nets: Understanding Households' Environmental Health Decisions in Developing Countries.
- 2008-2010 **University of Wisconsin, Madison, WI**
Robert Wood Johnson Foundation Health and Society Scholar
- 2010-2012 **National Center for Atmospheric Research, Boulder, CO**
Postdoctoral Fellow, Advanced Studies Program

ACADEMIC APPOINTMENTS AND POSITIONS

- 2012-2013 **Postgraduate Scientist, Integrated Science Program, *National Center for Atmospheric Research, Boulder, CO***
- 2013-2016 **Lecturer, Environmental Studies Program, *University of Colorado, Boulder, CO***
- 2013-2017 **Project Scientist I, Research Applications Laboratory, *National Center for Atmospheric Research, Boulder, CO***
- 2013-2015 **Research Scientist I, Center for Science and Technology Policy Research in the Cooperative Institute for Research in Environmental Sciences, *University of Colorado, Boulder, CO***
- 2015-2017 **Research Scientist II, Center for Science and Technology Policy Research in the Cooperative Institute for Research in Environmental Sciences, *University of Colorado, Boulder, CO***
- 2017- **Assistant Professor of Environmental and Occupational Health, Colorado School of Public Health, *University of Colorado Anschutz, Aurora, CO***

PROFESSIONAL POSITIONS

- 2005-2008 **Consultant, *Research Triangle Institute, Durham, NC***
- 2016-2018 **Consultant, *Management Systems International, Washington, D.C.***
- 2018- **Consultant, *TetraTech, Washington, D.C.***

HONORS, FELLOWSHIPS, AND AWARDS

- 1999 **President's Award for Academic Excellence in the Freshman Year, Stanford University**
- 2002 **Phi Beta Kappa Society, Stanford University Chapter**
- 2003-2004 **University Scholars Fellowship, Duke University**
- 2003-2007 **James B. Duke Fellowship, Duke University**
- 2007-2008 **Graduate Fellowship in the Sawyer Seminar, Duke University Center for International Studies**
- 2018-2022 **JPB Environmental Health Fellowship, JPB Foundation and Harvard T.H. Chan School of Public Health**

PROFESSIONAL AFFILIATIONS

2009-	Member, Association of Environmental and Resource Economists
2016, 2018	Member, International Society for Environmental Epidemiology
2016-	Affiliate, Environment for Development / Sustainable Energy Transitions Initiative
2016-	Member, NIH Clean Cooking Implementation Science Network
2017-2019	Affiliate, Center for Science and Technology Policy Research in the Cooperative Institute for Research in Environmental Sciences, University of Colorado Boulder
2017-	Partner, Global Alliance for Clean Cookstoves
2018-	Member & Communications Committee Member, Interdisciplinary Association of Population Health Sciences
2018-	Affiliate, Mortenson Center for Engineering in Developing Communities, University of Colorado Boulder
2020-	Advisory Board Member, Colorado Department of Public Health and the Environment, Climate Equity Framework

REVIEW, REFEREE, AND EDITORIAL ACTIVITIES

Editorial

2017-	Review Editor, EcoHealth
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Grant Review

2016-2018	Grant Reviewer and External Project Advisor, International Initiative for Impact Evaluation (3ie) Development Priorities Window and Thematic Window 14
2017	Grant Reviewer, South Asian Network for Development and Environmental Economics (SANDEE) Small Grants Competition
2017	Grant Reviewer, National Science Foundation Decision, Risk, and Management Sciences
2018	Grant Reviewer, Wellcome Trust Training Fellowship in Public Health and Tropical Medicine
2019	Grant Reviewer, National Science Foundation Geography and Spatial Sciences
2020	Grant Reviewer, Robert Wood Johnson Foundation

Ad Hoc Journal Peer Review

American Journal of Public Health, American Journal of Tropical Medicine and Hygiene, Bulletin of the World Health Organization, Climatic Change, Conservation Letters, Ecological Economics, Energy Research and Social Science, Health and Place, International Journal of Biometeorology, Journal of the American Statistical Association, Journal of Environmental Economics and Management, Journal of Environmental Management, Journal of Environmental Psychology, Land Economics, Landscape and Urban Planning, PLOS Neglected Tropical Diseases, Population and Environment, Social Science and Medicine, Society and Natural Resources, South Asian Network for Development and Environmental Economics, Weather Climate and Society

TEACHING RECORD

COURSES:**PRIMARY INSTRUCTOR**

2013-2014	ENVS 3030: Topics in Environmental Policy: Social Surveys for Environmental Studies. University of Colorado Boulder.
2014-2016	ENVS 5120: Quantitative Methods of Policy Analysis. University of Colorado Boulder.
2019, 2020	EHOH 6618: Environmental and Occupational Policy Analysis and Practice. Colorado School of Public Health.
2019	EHOH 6601: Public Health Concepts for Non-MPH. Colorado School of Public Health.

TEACHING ASSISTANT

2002-2003	Writing-in-the-Major Teaching Assistant for Earth Systems Program. Stanford University.
2003	World Food Economy, Stanford University
2004	Resource and Environmental Economics. Duke University.
2005-2007	Program Evaluation of Environmental Policies. Duke University.
2008	Social Science Surveys for Environmental Management. Duke University.

ADVISING:

	Student Name	Degree	Institution	Role	Degree Completion
1	Abby Kuranz	MS	University of Colorado Boulder	Thesis Committee	5/2014
2	Timothy Molnar	MS	University of Colorado Boulder	Thesis Advisor	5/2017
3	Ricardo Piedrahita	PhD	University of Colorado Boulder	Dissertation Committee	5/2017
4	Kyle Karber	PhD	University of Colorado Boulder	Dissertation Committee	5/2018
5	Meredith Wilkes	MPH	Colorado School of Public Health	Academic Advisor	5/2018
6	Rex Alirigia	MS	University of Colorado Boulder	Thesis Advisor	5/2019
	Kathryn Cochran	MPH	Colorado School of Public Health	Academic Advisor	5/2020
	Connor Celentano	MPH	Colorado School of Public Health	Academic Advisor	5/2020
7	Jose Juarez	PhD	Texas A&M University	Dissertation Committee	Current
8	James Harper	PhD	University of Colorado Boulder	Dissertation Committee	Current
10	Bryan Ford	MPH	Colorado School of Public Health	Academic Advisor	Current
11	Stacey Bagby	MPH	Colorado School of Public Health	Academic Advisor	Current
13	Stephanie Pease	MPH	Colorado School of Public Health	Academic Advisor	Current
14	Andrea Crary	MPH	Colorado School of Public Health	Academic Advisor	Current

RESEARCH RECORD**GRANTS***Current*

- Co-PI, "RAPID: Easing COVID-19 Restrictions: How Variation in State Policy and Public Health Messaging Strategies Impact Risk Perceptions and Behaviors Across Time." National Science Foundation: Decision, Risk, and Management Sciences. \$164K. 2020-2021. (PI: Robert DeLeo, Bentley University)
- PI, "Collaborative Research: Oil and Gas Siting, Housing Choices, and Environmental Justice in Colorado." National Science Foundation: Decision, Risk, and Management Sciences. \$563K, 2020-2023.
- PI, "JPB Environmental Health Fellowship: Investigating Environmental Justice in Colorado." JPB Foundation and Harvard T.H. Chan School of Public Health. \$240K. 2018-2022.
- Site PI, "Western Gulf Center of Excellence for Vector-Borne Diseases." Centers for Disease Control and Prevention. \$225K. 2017-2022. (Prime Awardee: University of Texas Medical Branch at Galveston).
- PI, "Housing Policy as Public Health Policy: Building a Community-Engaged Impact Evaluation of Denver's Sun Valley Public Housing Redevelopment Project." Colorado School of Public Health Inter-institutional Research Collaboration Pilot Grant. \$30K. 2019-2020.
- PI, "Housing and Health: Sun Valley Community Data Lab Project." Colorado Clinical and Translational Sciences Institute Partnership Development Grant. \$8K. 2020-2021.

Pending

- Site PI, "Shared Governance of Indoor Environments: A New Framework for Implementing Interventions in the Home." US Department of Housing and Urban Development

Completed

- Co-PI, "Risks, Health and Economic Development: Examining Household Decisions in Tanzania." National Science Foundation Doctoral Dissertation Improvement Grant. \$10K. 2007-2008. (PI: Randall Kramer, Duke)

- Co-I, “Wind Energy Prospecting: Using NASA Earth Science Data to Create Improved Wind Power Maps.” NASA. \$1.4M. 2009-2013. (PI: Luca Delle Monache, NCAR)
- Collaborator, “Implementation Science to Optimize Malaria Vector Control and Disease Management.” National Institutes of Health R01. \$2.2M. 2010-2013. (PI: Randall Kramer, Duke)
- Co-I, “Assessing the Effects of Risk Interdependency, Social Norms, and Costs on Homeowners’ Wildfire Mitigation Decisions using Choice Experiments.” Decision Risk and Management Sciences, National Science Foundation -SES 1259448. \$300K. 2013-2016. (PI: Hannah Brenkert-Smith, CU Boulder)
- Co-I, “Cooking Up Clean Air: Scaled-Up Air Quality and Health Impacts of Clean Cookstoves in Ghana.” Coupled Natural and Human Systems, National Science Foundation - GEO–1211668. \$1.4M. 2012-2015. (PI: Christine Wiedinmyer, NCAR)
- Co-I: “How Will Cleaner Cooking and Lighting Practices Impact Regional Air Quality and Climate in the Sahel of Africa?” Environmental Protection Agency – RD-8354201. \$1.5M. 2013-2017. (PI: Michael Hannigan, CU Boulder)
- PI, “Workshop on Household Energy Impact Evaluation.” Clean Cooking Implementation Science Network, Fogarty International Center, NIH. \$56K. 2018-2019.
- PI, “Collaborative Research: Prices, Peers, and Perceptions: Field Experiments on Technology Adoption in the Context of Improved Cookstoves.” Economics, National Science Foundation-SES 1528811. \$675K. 2015-2019.
- Co-PI, “Prices, Peers, and Perceptions: Opportunities for Scaling Up LPG Adoption in Northern Ghana.” Clean Cooking Implementation Science Network, Fogarty International Center, NIH. \$300K. 2016-2019. (PI: Abraham Oduro, Navrongo Health Research Center)
- Site PI, “Stackable Clean Cooking in Rural Rwanda: Enhancing a Solar Microgrid and LPG Stove Intervention.” Clean Cooking Implementation Science Network. (Prime Awardee: Colorado State University. \$26K. 2019-2020.
- Co-I, “Center for Health, Work & Environment study: Equity in the Small-Safe-Well Intervention Project.” Centers for Disease Control and Prevention / National Institute for Occupational Safety and Health. \$5.2M. 2016-2020.

BIBLIOGRAPHY

PEER REVIEWED PAPERS

* Indicates student advisee co-authors

1. Pattanayak, S.P., **K.L. Dickinson**, C. Corey, B. Murray, E. Sills, and R.A. Kramer. 2006. Deforestation, malaria, and poverty: a call for transdisciplinary research to support the design of cross-sectoral policies. *Sustainability: Science, Policy, and Practice* 2(2): 45-56.
2. Pattanayak, S.P., J.-C. Yang, **K.L. Dickinson**, C. Poulos, S. Patil, R. Mallik, J.L. Blitstein, and P. Praharaj. 2009. Shame or subsidy revisited: Cluster randomized evaluation of social mobilization for sanitation in Orissa, India. *Bulletin of the World Health Organization* 87(8): 580-587.
3. Kramer, R.A., **K.L. Dickinson**, R.M. Anderson, V.G. Fowler, M.L. Miranda, C.M. Mutero, K.A. Saterson, and J.B. Wiener. 2009. Using decision analysis to improve malaria control policy making. *Health Policy* 92:133-140.
4. Pattanayak, S.K., J.-C. Yang, S. R. Patil, C. Poulos, **K. L. Dickinson**, K. Lvovsky and P. Kumar. 2010. Of Taps and Toilets: Evaluating Community-Demand-Driven Projects in Rural India. Report No. 43344-IN, *Environment & Water Resources Management Unit, Sustainable Development Department, South Asia Region, World Bank*.
5. Randell, H., **K.L. Dickinson**, R. Kramer, E. Shayo, and L. Mboera. 2010. Environmental management for malaria control: Knowledge and practices in Mvomero District, Tanzania. *EcoHealth* 7(4): 508-516.
6. Johnson, S., **K.L. Dickinson**, C. G. Mandic, and E. Willis. 2011. Community matters for child health. *Pediatric Annals* 40(3):152-160.

7. **Dickinson, K.L.**, Randell, H., Shayo, E. H., & Kramer, R. A. 2011. Socioeconomic status and malaria-related behaviors in Mvomero District, Tanzania. *Global Public Health* 7(4): 384-399.
8. Romero-Lankao, P., H. Qin, and **K.L. Dickinson**. 2012. Vulnerability of urban populations to temperature-related hazards: a meta-analysis and meta-knowledge approach. *Global Environmental Change*, <http://dx.doi.org/10.1016/j.gloenvcha.2012.04.002>.
9. Towler, E., V.A. Saab, R.S. Sojda, **K.L. Dickinson**, C. Bruyere, and K.R. Newlon. 2012. A risk-based approach to evaluating wildlife demographics for climate change adaptation: A case study to the Lewis's Woodpecker. *Journal of Environmental Management*, DOI 10.1007/s00267-012-9953-z.
10. **Dickinson, K.L.**, and S. Paskewitz. 2012. Willingness to pay for mosquito control: How important is West Nile virus risk compared to the "nuisance" of mosquitoes? *Vector Borne and Zoonotic Diseases* 12(10): 886-892
11. Brown, Z., **K.L. Dickinson**, & R. Kramer. 2013. Insecticide resistance and malaria vector control: The importance of fitness costs in determining economically optimal control trajectories. *Journal of Economic Entomology* 106(1): 366-374.
12. Brenkert-Smith, H., **K.L. Dickinson**, P. Champ, and N. Flores. 2013. Social amplification of wildfire risk: Information sources and formal and informal social interactions. *Journal of Risk Analysis* 33(5): 800-817.
13. **Dickinson, K.L.**, E. Kanyomse, R. Piedrahita, E. Coffey, I. Rivera, J. Adoctor, R. Aligiria, D. Muvandimwe, M. Dove, V. Dukic, M. Hayden, D. Diaz-Sanchez, V. Adoctor, D. Anaseba, Y. Slichter, N. Masson, A. Monaghan, A. Titati, D. Steinhoff, Y-Y. Hsu, R. Kaspar, B. Brooks, A. Hodgson, M. Hannigan, A. R. Oduro, and C. Wiedinmyer. 2015. Research on Emissions, Air quality, Climate, and Cooking Technologies in Northern Ghana (REACCTING): Study rationale and protocol. *BMC Public Health* 15:26. doi:10.1186/s12889-015-1414-1.
14. Ernst, K., S. Haenchen, **K. L. Dickinson**, M. Doyle, K. Walker, and M. Hayden. 2015. Community awareness and support of the controversial release of OX513A *Ae. aegypti* in Key West, FL. *Emerging Infectious Diseases* 21(2): 320-324. doi: 10.3201/eid2102.141035.
15. Hayden, M.H., J.L. Cavanaugh, C. Tittel, M. Butterworth, S. Haenchen, **K. L. Dickinson**, A. Monaghan, and K. Ernst. 2015. Post Outbreak Review: Dengue Preparedness and Response in Key West, Florida. *American Journal of Tropical Medicine and Hygiene* 93(2): 397-400. doi:10.4269/ajtmh.15-0128
16. **Dickinson, K.L.**, H. Brenkert-Smith, P. Champ, and N. Flores. 2015. Catching Fire? Social interactions and homeowners' wildfire mitigation behaviors. *Society and Natural Resources* 28(8): 807-824. doi: 0.1080/08941920.2015.1037034.
17. **Dickinson, K.L.**, S.P. Pattanayak, J.-C. Yang, S.R. Patil, and C. Poulos. 2015. Nature's Call: Health and welfare impacts of sanitation choices in Orissa, India. *Economic Development and Cultural Change* 64 (1):1-29. doi: 10.1086/682958. Stable URL: <http://www.jstor.org/stable/10.1086/682958>.
18. Paul, C., R. Kramer, A. Lesser, C. Muter, M.L. Miranda, and **K.L. Dickinson**. 2015. Identifying barriers in the malaria control policymaking process in East Africa: insights from stakeholders and a structured literature review. *BMC Public Health* 15: 862. doi:10.1186/s12889-015-2183-6.
19. Morss, R.E., J.L. Demuth, **K. L. Dickinson**, H. Lazrus, and B.H. Morrow. 2016. Understanding public hurricane evacuation decisions and responses to forecast and warning messages. *Weather and Forecasting* 31: 395-417. doi: 10.1175/WAF-D-15-0066.1.
20. **Dickinson, K.L.**, M.H. Hayden, S. Haenchen, A. Monaghan, K. Walker, and K. Ernst. 2016. Willingness to pay for mosquito control in Key West, Florida, and Tucson, Arizona. *American Journal of Tropical Medicine and Hygiene* 94: 775-779. doi: 10.4269/ajtmh.15-0666.
21. Haenchen, S., M.H. Hayden, **K. L. Dickinson**, K. Walker, E. Jacobs, H. E. Brown, J. Gunn, L. Kohler, and K. Ernst. 2016. Mosquito avoidance practices and knowledge of arboviral diseases in cities with differing recent history of disease. *American Journal of Tropical Medicine and Hygiene* 15-0732. doi: 10.4269/ajtmh.15-0732.
22. Piedrahita, R.*, **K. L. Dickinson**, E. Coffey, E. Kanyomse, R. Alirigia*, Y. Hagar, I. Rivera, A. Oduro, V. Dukic, C. Wiedinmyer, and M. Hannigan. 2016. Assessment of cookstove stacking in Northern Ghana using surveys and stove use monitors. *Energy for Sustainable Development* 34: 67-76. doi: 10.1016/j.esd.2016.07.007.

23. Piedrahita, R.*, E. Kanyomse, E. Coffey, M. Xie, Y. Hagar, R. Alirigia*, F. Agyei, C. Wiedinmyer, **K. L. Dickinson**, A. Oduro, and M. Hannigan. 2017. Exposures to and origins of carbonaceous PM_{2.5} in a cookstove intervention in Northern Ghana. *Science of the Total Environment* 576, 178-192. <http://dx.doi.org/10.1016/j.scitotenv.2016.10.069>.
24. **Dickinson, K.L.**, A. Monaghan, I.J. Rivera, L. Hu, E. Kanyomse, R. Alirigia*, J. Adoctor, R. Kaspar, A.R. Oduro, and C. Wiedinmyer. 2017. Changing weather and climate in Northern Ghana: comparison of local perceptions with meteorological and land cover data. *Regional Environmental Change*: 1-14. doi:10.1007/s10113-016-1082-4.
25. Wiedinmyer, C., **K.L. Dickinson**, R. Piedrahita*, E. Kanyomse, E.Coffey, M. Hannigan, R. Alirigia*, and A. Oduro. 2017. Rural-urban differences in cooking practices and exposures in Northern Ghana. *Environmental Research Letters* 12(6): 065009. <https://doi.org/10.1088/1748-9326/aa7036>.
26. Brenkert-Smith, H., **K.L. Dickinson**, and N. Flores. 2018. Relevant Recruiting for Online Survey Participation. *SAGE Research Methods Cases Part 2*. <https://dx.doi.org/10.4135/9781526438027>.
27. Coffey, E.R., D. Muvandimwe, Y. Hagar, C. Wiedinmyer, E. Kanyomse, R. Piedrahita*, **K.L. Dickinson**, A. Oduro, and M.P. Hannigan. 2017. New emission factors and efficiencies from in-field measurements of traditional and improved cookstoves and their potential implications. *Environmental Science & Technology* 51(21): 12508-12517. doi: 10.1021/acs.est.7b02436.
28. Quinn, A., N. Bruce, E. Puzzolo, **K. Dickinson**, R. Sturke, D. Jack, S. Mehta, A.V. Shankar, K. Sherr, and J. P. Rosenthal. 2018. An analysis of efforts to scale up clean household energy for cooking around the world. *Energy for Sustainable Development* 46: 1-10. <https://doi.org/10.1016/j.esd.2018.06.011>.
29. Asante, K., M.A. Dalaba, A.N. Abeka, **K.L. Dickinson**, M.A. Abdulai, S. Afari-Asiedu, D. Carrion, K.B. Sarlong, and D. Jack. 2018. Ghana's Rural Liquefied Petroleum Gas Program scale-up: A case study. *Energy for Sustainable Development* 46: 94-102. <https://doi.org/10.1016/j.esd.2018.06.010>.
30. Dalaba, M., R. Alirigia*, E. Mesenbring, E. Coffey, Z. Brown, M. Hannigan, C. Wiedinmyer, A. Oduro, and **K.L. Dickinson**. 2018. Liquefied petroleum gas (LPG) supply and demand for cooking in Northern Ghana. *EcoHealth*. doi: 10.1007/s10393-018-1351-4; <https://rdcu.be/4yyl>
31. **Dickinson, K.L.**, M. Dalaba, Z. Brown, R. Alirigia*, E. Coffey, E. Mesenbring, M. Achazanaga, D. Agao, M. Ali, E. Kanyomse, J. Awaregya, C.A. Adagera, J.B. Aburiya, B. Gubilla, A.R. Oduro, and M. Hannigan. 2018. Prices, Peers, and Perceptions (P3): Study protocol for improved biomass cookstove project in Northern Ghana. *BMC Public Health* 18:1209. <https://doi.org/10.1186/s12889-018-6116-z>.
32. **Dickinson, K.L.**, R. Piedrahita, E. Coffey, E. Kanyomse, R. Alirigia*, T. Molnar, Y. Hagar, M. Hannigan, A. R. Oduro, and C. Wiedinmyer. 2019. Cookstove adoption and stove/fuel stacking in the REACTING intervention study in Northern Ghana. *Energy Policy* 130:361-374. <https://doi.org/10.1016/j.enpol.2018.12.007>
33. Pfothenauer, D., E. Coffey, R. Piedrahita, D. Agao, R. Alirigia*, D. Muvandimwe, F. Lacey, C. Wiedinmyer, **K. Dickinson**, M. Dalaba, E. Kanyomse, A. Oduro, and M. Hannigan. 2019. Updated emission factors from diffuse combustion sources in sub-Saharan Africa and their effect on regional emission estimates. *Environmental Science & Technology*, 53 (11): 6392-6401. doi: 10.1021/acs.est.8b06155
34. Kroepsch, A., P. Maniloff, J. Adgate, L. McKenzie, and **K. Dickinson**. Environmental justice in unconventional oil and natural gas extraction: A critical review and research agenda. *Environmental Science and Technology* 53(12): 6601-6615. <https://doi.org/10.1021/acs.est.9b00209>.
35. Orgill-Meyer, J., S. Pattanayak, N. Chindarkar, **K.L. Dickinson**, U. Panda, S. Rai, B. Sahoo, A. Singha, and M. Jeuland. 2019. Long-term impact of a community-led sanitation campaign in India, 2005-2016. *Bulletin of the World Health Organization* 19:97. <http://dx.doi.org/10.2471/BLT.18.221572>
36. Piedrahita, R., E. Coffey, Y. Hagar, E. Kanyomse, C. Wiedinmyer, **K. Dickinson**, A. Oduro, and M. Hannigan. 2019. Exposures to carbon monoxide in a cookstove intervention in Northern Ghana. *Atmosphere* 10(7): 402. <https://doi.org/10.3390/atmos10070402>
37. Piedrahita, R., E. Coffey, Y. Hagar, E. Kanyomse, K. Verploeg, C. Wiedinmyer, **K. Dickinson**, A. Oduro, and M. Hannigan. 2019. Attributing air pollutant exposure to emission sources with proximity sensing. *Atmosphere* 10(7): 395. <https://doi.org/10.3390/atmos10070395>

38. Coffey, E., D. Pfothenhauer, A. Murkerjee, D. Agao, M. Ali, M. Dalaba, T. Begay, N. Banacos, A. Oduro, **K. L. Dickinson**, and M. P. Hannigan. 2019. Kitchen area air quality measurements in northern Ghana: evaluating the performance of a low-cost particulate sensor within a household energy study. *Atmosphere* 10(7): 400. <https://doi.org/10.3390/atmos10070400>
39. Shankar, A.V., A. Quinn, **K. L. Dickinson**, K. Williams, O. Masera, D. Charron, and D. Jack. Everybody Stacks: Lessons from household energy case studies to inform design principles for clean energy transitions. *Energy Policy* 141: 111468. <https://doi.org/10.1016/j.enpol.2020.111468>.
40. **Dickinson, K.L.**, H. Brenkert-Smith, G. Madonia, and N. Flores. Risk interdependency, social norms, and wildfire mitigation: A choice experiment. *Natural Hazards*. <https://doi.org/10.1007/s11069-020-04037-1>.

IN REVIEW

1. Karber, K.*, **K. L. Dickinson**, R. Sterling, and M. Hannigan. Drivers and barriers of off-grid solar PV uptake in Northern Tanzania. Revise and resubmit, *Energy for Sustainable Development*.
2. **Dickinson, K.L.**, E.L. Pakhtigian, and S.K. Pattanayak. Ending open defecation: Do neighbors influence sanitation behaviors? In review, *World Bank Economic Review*.
3. Harper, J.*, A. Bielefeldt, A. Javernick-Will, **K.L. Dickinson**, T. Veasna, T. Kozole, and C. Nicoletti. Household Preferences for Rural Fecal Sludge Management Services in Cambodia: A Discrete Choice Experiment. In review, *Environmental Science & Technology*.
4. Abdo, M.*, E. Kanyomse, R. Alirigia*, E.R. Coffey, R. Piedrahita, D. Diaz-Sanchez, Y. Hagar, D. Naumenko, C. Wiedinmyer, M.P. Hannigan, A.R. Oduro, and **K.L. Dickinson**. Health impacts of an improved biomass stove intervention in Northern Ghana. In review, *BMC Public Health*.

BOOK CHAPTERS

1. Green, T.G., and **K.L. Dickinson**. "The Economics of Infant Feeding." 2011. Chapter 8 in L. R. Cohen and J. D. Wright, eds., *Research Handbook on the Economics of Family Law*, Edward Elgar: Northampton, MA.
2. Baumgartner, J., R.E. Arku, and **K. L. Dickinson**. "Household Energy Solutions in Low and Middle Income Countries." *Encyclopedia of Environmental Health*, 2nd Edition. In press.

REPORTS AND WORKING PAPERS

1. **Dickinson, K.L.** Evaluating the conservation impact of Brazil's eco-tax (ICMS-E) using difference-in-differences and border matching estimators. Unpublished working paper, Nicholas School of the Environment, Duke University.
2. **Dickinson, K.L.** Measuring social networks in Mvomero, Tanzania. Unpublished working paper.
3. **Dickinson, K.L.**, L. Delle Monache, K. McCormack, and P. Magontier. Wind Energy Resource Assessment: Information Production, Uses, and Value - Survey Report. NCAR Technical Report NCAR/TN-506+STR.
4. Bennear, L.S., and **K.L. Dickinson**. 2011. Incorporating evaluation into the regulatory process. Duke Environmental Economics Working Paper #EE 11-06, Nicholas Institute for Environmental Policy Solutions, Duke University.
5. **K. L. Dickinson**, Oduro, A.R., M. Dalaba, R. Alirigia, D. Agao, M. Ali, J. Awaregya, C. Amoah, J.B. Aburiya, M. Hannigan, E. Coffey, N. Banacos, E. Mesenbring, Z. Brown, and M. Jones. 2019. Marketing the ACE1 Improved Cookstove in Northern Ghana: Lessons Learned from the Prices, Peers, and Perceptions (P3) Study.

INVITED TALKS

"Prices, Peers, and Perceptions (P3): Exploring drivers of technology adoption for cleaner cooking." North Carolina State University, Economics of Agriculture, Trade, and Development Seminar. November 12, 2019.

RECENT CONFERENCE PRESENTATIONS

"JPB Environmental Health Fellows Panel: Green Space, Nature Experiences, and the Intersection of Environmental and Social Determinants of Health." Oral Panel Presentation (organized by Dickinson),

Interdisciplinary Association for Population Health Sciences Annual Meeting, Seattle, WA, October 1-4, 2019.

“Economic experiments to measure LPG stove demand and impacts on cooking behaviors and exposures in Northern Ghana.” Oral Presentation, Sustainable Energy Transitions Initiative annual meeting, Santiago, Chile, May 15-17, 2019.

“Impact evaluation of a sensor-based intervention to improve water service delivery and drought resilience in Kenya.” Oral Presentation, Colorado WASH Symposium, Boulder, CO, March 5-6, 2019.

“Environmental Justice and Oil and Gas Development in Colorado: Patterns and Processes.” Poster Presentation, Interdisciplinary Association for Population Health Sciences Annual Meeting, Washington, DC, October 3-5, 2018.

“Economic experiments to measure LPG stove demand and impacts on cooking behaviors and exposures in Northern Ghana.” Oral Presentation, International Society for Environmental Epidemiology/ International Society for Exposure Science Annual Meeting, Ottawa, Canada, August 25-30, 2018.

“Prices, Peers, and Perceptions: Improved Cookstove Research in Northern Ghana.” Oral Presentation as part of Thematic Session (organized by Dickinson): “Cooking Energy Transitions and Their Environmental and Health Impacts.” World Congress of Environmental and Resource Economics, Gothenberg, Sweden. June 27, 2018.

“Prices, Peers, and Perceptions: Improved Cookstove Research in Northern Ghana.” Oral Presentation. Duke University Workshop on Sustainable Energy Transitions in Developing and Emerging Economies, Durham, NC. May 15, 2018.

“Interdisciplinary Approaches to Understanding and Reducing Vector Borne Disease Risk.” Oral Panel Discussion. Interdisciplinary Association for Population Health Sciences Annual Meeting, Austin, Texas, October 2-4, 2017.

“Impacts of the REACTING Cookstove Intervention on Cooking Behaviors, Emissions, and Personal Exposure.” Poster Presentation. International Society for Environmental Epidemiology Annual Meeting, Rome, Italy, September 1-4, 2016.

“Playing with Fire: Social Interactions and Wildfire Mitigation Behaviors.” Oral Presentation. Association for Environmental and Resource Economists Annual Meeting, Breckenridge, CO. June 10, 2016.

“Prices, Peers, and Perceptions: Opportunities for Scaling Up LPG Adoption in Northern Ghana.” Oral Presentation. Clean Cooking Implementation Science Network Meeting, Bethesda, MD. May 5, 2016.

“Where There’s Smoke...: Preferences for Improved Cookstoves in Northern Ghana.” Oral Presentation. Duke University Workshop on Sustainable Energy Transitions in Developing and Emerging Economies, Durham, NC. April 25, 2016.

“Playing with Fire: Social Interactions and Wildfire Mitigation Behaviors.” Oral Presentation. CU Environmental and Resource Economics Workshop, Vail, CO. September 5, 2015.

“Where There’s Smoke... Measuring Preferences for Improved Cookstove Attributes in Northern Ghana.” Oral Presentation. Association for Environmental and Resource Economists Annual Meeting, San Diego, CA. June 4, 2015.