

KATHERINE L. DICKINSON**CURRENT POSITION:**

Assistant Professor of Environmental and Occupational Health
 Colorado School of Public Health
 University of Colorado Anschutz
 13001 E. 17th Pl., Campus Box B199, Aurora, CO 80045
 office: (303) 724-4093 • cell: (303) 501-3927
katherine.dickinson@cuanschutz.edu
<https://coloradosph.cuanschutz.edu/dickinson-lab>

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.***
- 2018-2021 **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, Interdisciplinary Association of Population Health Sciences
2018-	Affiliate, Mortenson Center in Global Engineering, University of Colorado Boulder

PROFESSIONAL LEADERSHIP AND SERVICE

Department

2018-	Admissions Committee, Environmental and Occupational Health Department, Colorado School of Public Health
2019	Search Committee Member, Environmental and Occupational Health Faculty (Open Rank), Colorado School of Public Health

School

2020	Search Committee Member, Associate Dean for Equity, Diversity, and Inclusion, Colorado School of Public Health
2020	Search Committee Member, Associate Dean for Academic and Student Affairs, Colorado School of Public Health
2021-	Member, Inclusive Excellence Committee, Colorado School of Public Health

State

2020-	Advisory Board Member, Colorado Department of Public Health and the Environment, Climate Equity Framework
2022-	Science and Research Committee Member, Denver Sustainability Advisory Council (SAC).

National

2018-	Communications Committee, Interdisciplinary Association of Population Health Sciences
2021-	Conference Organizing Committee Member, "Social and Environmental Exposures and the Developmental Origins of Health Disparities," April 21-22, 2022, Portland, OR. Funded through NIH R13.

REVIEW, REFEREE, AND EDITORIAL ACTIVITIES

Editorial

2017-	Review Editor, EcoHealth
2020-	Review Editor, Frontiers in Environmental Science – Environmental Economics & Management

Grant Review

2016-2018	Grant Reviewer and External Project Advisor, International Initiative for Impact Evaluation (“3IE”)
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 ♦ Environment and Development Economics ♦ 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 ♦ Journal of Racial and Ethnic Health Disparities ♦ Land Economics ♦ Landscape and Urban Planning ♦ Population and Environment ♦ 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

INVITED LECTURES, PRESENTATIONS, WORKSHOPS

Local

- “Disparities in COVID-19 Impacts: Unpacking Structural Drivers and Solutions.” Department of Medicine Grand Rounds, University of Colorado Anschutz. May 27, 2020. (Virtual) Invited Panelist.
- “Environmental Justice and Oil & Gas Development in Colorado.” Environmental Engineering Environmental Justice Speaker Series, University of Colorado. September 21, 2020. (Virtual) Invited Speaker.
- “February First Friday with the School of Public Affairs: Colorado’s COVID-19 Vaccination: Hesitancy, Ethics, and Logistics.” University of Colorado Denver School of Public Affairs, Virtual Panel Discussion, February 5, 2021. Invited Panelist.

National

- Bridge Collaborative Workshop, Duke University, January 30-31, 2017. Invited Participant in a visioning workshop for the Bridge Collaborative, which envisions the global health, development and environment communities jointly solving today’s complex, interconnected challenges.
- “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. Invited Speaker.
- Shale & Public Health Conference, November 17, 2020. (Virtual) Invited Panelist for session on Environmental Justice.
- “Environmental Justice and Oil & Gas Development in Colorado.” University of Maryland, Baltimore County. Economics and Public Policy Seminar Series. December 7, 2021. (Virtual) Invited Speaker.

TEACHING RECORD

COURSES:**Primary Instructor**

2013-2014	ENVS 3030: Topics in Environmental Policy: Social Surveys for Environmental Studies, University of Colorado Boulder (Course Developer & Sole Instructor)
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2014-2016	ENVS 5120: Quantitative Methods of Policy Analysis, University of Colorado Boulder (Revised existing course; Sole Instructor)
2019-	EHOH 6618: Environmental and Occupational Policy Analysis and Practice, Colorado School of Public Health (Revised existing course; Sole Instructor)
2019, 2021	EHOH 6601: Public Health Concepts for Non-MPH, Colorado School of Public Health (Revised existing course; Sole Instructor)

Guest Lectures*ColoradoSPH*

2018-2021	“Policy Analysis Research and Evaluation Methods.” EHOH 7631: Advanced Methods in EOH. Colorado School of Public Health.
2019-2021	“Environmental Justice.” HSMP 6602: Health Equity. Colorado School of Public Health.

Other Colorado Universities

2017	“Cooking in Ghana.” Human-Environment Interactions in Sub-Saharan Africa. University of Colorado Boulder.
2018	“Cooking in Ghana.” IAFS 3000: Climate Affairs of the Developing World. University of Colorado Boulder.
2018, 2021	“Collecting Data using Surveys.” ERHS 658: Environmental and Occupational Epidemiology. Colorado State University.
2021	“Cleaner Cooking with Liquefied Petroleum Gas (LPG) in Northern Ghana.” CVEN 5838: Introduction to Global Health for Engineers. University of Colorado Boulder.

National/International

2014	“Social Networks and Global Environmental Health.” EPIB 529: Global Environmental Health and Burden of Disease. McGill University.
2019	“Experimental Evidence on Demand for Liquefied Petroleum Gas (LPG) Stoves and Fuel in Northern Ghana.” Environment & Development Economics. 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
7	Kathryn Cochran	MPH	Colorado School of Public Health	Academic Advisor	5/2020
8	Connor Celentano	MPH	Colorado School of Public Health	Academic Advisor	5/2020
9	James Harper	PhD	University of Colorado Boulder	Dissertation Committee	12/2020
10	Jose Juarez	PhD	Texas A&M University	Dissertation Committee	5/2021
11	Bryan Ford	MPH	Colorado School of Public Health	Academic Advisor	5/2021
12	Stacey Bagby	MPH	Colorado School of Public Health	Academic Advisor	5/2021
13	Andrea Crary	MPH	Colorado School of Public Health	Academic Advisor	5/2022
14	Stephanie Pease	MPH	Colorado School of Public Health	Academic Advisor	Current
15	Carla Nyquist	MPH	Colorado School of Public Health	Academic Advisor	Current

16	Hannah Craig	MPH	Colorado School of Public Health	Academic Advisor	Current
17	Courtney Wilson	MPH	Colorado School of Public Health	Academic Advisor	Current
18	Corey Buchanan	MPH	Colorado School of Public Health	Academic Advisor	Current
19	Hannah Walters	DrPH	Colorado School of Public Health	Academic Advisor	Current
20	Mallory Roybal	DrPH	Colorado School of Public Health	Academic Advisor	Current

RESEARCH RECORD

GRANTS

Current

PI, JPB Environmental Health Fellowship, “Investigating Environmental Justice in Colorado.” JPB Foundation and Harvard T.H. Chan School of Public Health. \$240K. 2018-2023.

PI, “Collaborative Research: Oil and Gas Siting, Housing Choices, and Environmental Justice in Colorado.” National Science Foundation: Decision, Risk, and Management Sciences. SES-1949029. \$563K, 2020-2023.

Co-I, “Evaluating last-mile infrastructure in rural Rwanda.” Wellspring Philanthropic Fund. \$1.5M. 2020-2023. (PI: Evan Thomas, CU Boulder)

Co-I, “Evaluating last-mile infrastructure in rural Rwanda.” USAID Development Innovation Ventures. \$1.5M. 2020-2023. (PI: Evan Thomas, CU Boulder)

Co-PI, “RAPID: Can Big Ideas About Resilience Survive the Reality of a Disaster? Built Environment Policy and Recovery After the Marshall Fire.” National Science Foundation 2220589. \$100K, 2022-2023. (PI: Desera Crow, CU Denver)

PI, “Collaborative Research: Risk-Risk Tradeoffs and Prescribed Burning Decisions.” NSF. \$1.2M, 2022-2025.

Pending

mPI, “Mountain West ACE-CH Hub: Climate Change Engagement Platform to Support Resilient Rural and Urban Communities.” NIH-Westat Subcontract. \$3.1M, 2022-2024.

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, “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, “Assessing the Effects of Risk Interdependency, Social Norms, and Costs on Homeowners’ Wildfire Mitigation Decisions using Choice Experiments.” National Science Foundation, Decision Risk and Management Sciences. SES-1259448. \$300K. 2013-2016. (PI: Hannah Brenkert-Smith, CU Boulder)

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.
- PI, “Housing and Health: Sun Valley Community Data Lab Project.” Colorado Clinical and Translational Sciences Institute Partnership Development Grant. \$8K. 2020-2021.
- 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. 2019-2021.
- Co-PI, “RAPID: Partisanship, Trust, and Vaccine Hesitancy: Impacts of the 2020 Election on COVID-19 Risk Management.” National Science Foundation: Decision, Risk, and Management Sciences. SES-2102905. \$199K. 2020-2021. (PI: Robert DeLeo, Bentley University)
- 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. SES-2030316. \$164K. 2020-2021. (PI: Robert DeLeo, Bentley University)
- 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).

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. 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.
5. Johnson, S., **K.L. Dickinson**, C. G. Mandic, and E. Willis. 2011. Community matters for child health. *Pediatric Annals* 40(3):152-160.
6. **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.

7. 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* 22(3): 670-683. <http://dx.doi.org/10.1016/j.gloenvcha.2012.04.002>.
8. 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.
9. **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
10. 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.
11. 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.
12. **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.
13. 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.
14. 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
15. **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.
16. **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>.
17. Paul, C., R. Kramer, A. Lesser, C. Mutero, 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.
18. 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.
19. **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.
20. 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.
21. 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.

22. 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>.
23. **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.
24. 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>.
25. 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>.
26. 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.
27. 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>.
28. 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>.
29. 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/4yzl>
30. **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. Adagenera, 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>.
31. **Dickinson, K.L.**, R. Piedrahita, E. Coffey, E. Kanyomse, R. Alirigia*, T. Molnar, Y. Hagar, M. Hannigan, A. R. Oduro, and C. Wiedinmyer. 2019. Adoption of improved biomass stoves and stove/fuel stacking in the REACCTING intervention study in Northern Ghana. *Energy Policy* 130:361-374. <https://doi.org/10.1016/j.enpol.2018.12.007>
32. Pfothenhauer, 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
33. Kroepsch, A., P. Maniloff, J. Adgate, L. McKenzie, and **K. Dickinson**. 2019. 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>.
34. 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>
35. 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>

36. 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>
37. Coffey, E., D. Pfothenauer, A. Mukherjee, 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>
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BOOK CHAPTERS

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2. Baumgartner, J., R.E. Arku, and **K. L. Dickinson**. 2019. “Household Energy Solutions in Low and Middle Income Countries.” Pages 494-509 in *Encyclopedia of Environmental Health*, 2nd Edition. Elsevier.

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. 2007. Unpublished working paper, Nicholas School of the Environment, Duke University.
2. **Dickinson, K.L.** Measuring social networks in Mvomero, Tanzania. 2008. Unpublished working paper.
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4. **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. Available at: <https://opensky.ucar.edu/islandora/object/technotes%3A518>.
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17. **K.L. Dickinson**, C. Nyquist, S. Pease, and E.T. Tafoya. 2022. Who Bears the Cost? North Denver Environmental Justice Report and Data Audit. Public report available at:
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18. Crow, D., **K. Dickinson**, A. Rumbach, E. Albright, and R. DeVoss. 2022. Marshall Fire Unified Research Survey: Wave 1 Technical Report. Public report available at: <https://www.marshallresilience.com/survey>.

NEWS MEDIA

1. “How promising is the vaccine news if people won’t take it?” December 8, 2020. *Newsweek*. <https://www.newsweek.com/how-promising-vaccine-news-if-people-wont-take-it-opinion-1552235>
Op-ed written by Dickinson and Risk & Social Policy Working Group co-authors highlighting COVID-19 survey results.
2. “Colorado School of Public Health survey shows persisting racial disparities when it comes to COVID-19 vaccines.” October 26, 2021. *The Denver Channel*. Reporter: Oscar Contreras. <https://www.thedenverchannel.com/news/coronavirus/colorado-school-of-public-health-survey-shows-persisting-racial-disparities-when-it-comes-to-covid-19-vaccines>. News article summarizes results of COVID-19 vaccine survey led by Dr. Dickinson.
3. “These Commerce City Activists Lost the Election, but Their Fight Is Just Beginning.” November 9, 2021. *Westword*. Reporter: Catie Cheshire. <https://www.westword.com/news/colorado-environment-denver-pollution-commerce-city-election-globeville-12614632>. News article on environmental justice issues and activism in Commerce City, Colorado. Dr. Dickinson is quoted and article draws on Dickinson lab research documenting Environmental Protection Agency violations among facilities in Commerce City.
4. “How North Denver Became the City’s Ashtray.” May 31, 2022. *Westword*. Reporter: Michael Roberts. <https://www.westword.com/news/north-denver-pollution-nightmare-update-14182101>. News article summarizes the Dickinson Lab’s report (Who Bears the Cost? North Denver Environmental Justice Report and Data Audit) and its key findings related to environmental injustice and data gaps in North Denver.

PODCASTS

1. “Public Willingness to Pay for Mosquito Control, Texas.” February 9, 2022. Center for Disease Control and Prevention, Emerging Infectious Disease Podcast Series. Available at: <https://tools.cdc.gov/medialibrary/index.aspx#/media/id/525039>.
2. “1A Remaking America: Wildfires are becoming more intense. Are communities ready?” August 18, 2022. National Public Radio – WAMU. Invited Panelist for Live Event at the Boulder Theater on August 11 & Recorded Podcast, with Congressman Joe Neguse and Rod Moraga. Available at: <https://the1a.org/segments/1a-remaking-america-wildfires-are-becoming-more-intense-are-communities-ready/>

COMPETITIVE CONFERENCE PRESENTATIONS (SINCE 2015)

Local

1. “Playing with Fire: Social Interactions and Wildfire Mitigation Behaviors.” Oral Presentation. CU Environmental and Resource Economics Workshop, Vail, CO. September 5, 2015.
2. “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.

National

3. “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.
4. “Playing with Fire: Social Interactions and Wildfire Mitigation Behaviors.” Oral Presentation. Association for Environmental and Resource Economists Annual Meeting, Breckenridge, CO. June 10, 2016.

5. “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.
6. “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.
7. “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.
8. “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.
9. “Federal Housing Policy as Public Health Policy: Evaluating the Choice Neighborhoods Initiative.” Oral Panel Presentation (organized by Dickinson), Interdisciplinary Association for Population Health Sciences Annual Meeting, September 30-October 2, 2020.
10. “COVID-19 Research from the Risk and Social Policy Working Group.” Oral Panel Presentation (organized by Dickinson), Interdisciplinary Association for Population Health Sciences Annual Meeting, October 19-21, 2021.
11. “An Early Look at Process, Policy, and Recovery After the Marshall Fire.” Oral Presentation co-presented with Andy Rumbach, Natural Hazards Workshop (virtual), July 14, 2022.

International

12. “Impacts of the REACCTING Cookstove Intervention on Cooking Behaviors, Emissions, and Personal Exposure.” Poster Presentation. International Society for Environmental Epidemiology Annual Meeting, Rome, Italy, September 1-4, 2016.
13. “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.
14. “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.
15. “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.