

# KATHERINE L. DICKINSON

## CURRENT POSITION:

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

## EDUCATION

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- 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

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- 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***
- 2017-2023 **Assistant Professor of Environmental and Occupational Health, Colorado School of Public Health, *University of Colorado Anschutz, Aurora, CO***
- 2023- **Associate Professor with Tenure of Environmental and Occupational Health, Colorado School of Public Health, *University of Colorado Anschutz, Aurora, CO***

## PROFESSIONAL POSITIONS

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- 2005-2008 **Consultant, *Research Triangle Institute, Durham, NC***
- 2016-2018 **Consultant, *Management Systems International, Washington, D.C.***
- 2018-2021 **Consultant, *TetraTech, Washington, D.C.***

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**HONORS, FELLOWSHIPS, AND AWARDS**


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

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**PROFESSIONAL AFFILIATIONS**


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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

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**PROFESSIONAL LEADERSHIP AND SERVICE**


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**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
2022-	Chair, Justice, Equity, Diversity, and Inclusion (JEDI) Committee, Environmental and Occupational Health Department, 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**

2020-2021	Advisory Board Member, Colorado Department of Public Health and the Environment, Climate Equity Framework
2022-2023	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.

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**REVIEW, REFEREE, AND EDITORIAL ACTIVITIES**


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**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

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**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.
- “Environmental Justice, North Denver, and You.” Department of Medicine Grand Rounds, University of Colorado Anschutz. August 30, 2023. Invited Speaker.

**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.

“Relational Environmental Justice.” Invited Panelist with Ean Tafoya (Green Latinos) at the Department of Energy’s Justice Week, Washington, DC. October 31, 2023.

### **International**

“Climate and Health Through a Justice Lens: From Colorado to Rwanda.” United States Embassy, Kigali, Rwanda. March 15, 2023. Invited speaker for USAID Rwanda’s Climate Speaker Series, Session 10: Global Health and Climate Change. (Co-presented with Dr. Beth Carlton, Colorado School of Public Health.)

“Best Practices in Community Engagement in the Context of Climate and Implementation Science.” Consortium of Universities for Global Health, US National Institutes of Health-sponsored satellite session: Implementation Science for Climate Adaptation in Low- and Middle-Income Countries. April 6, 2023. (Virtual) Invited Panelist.

## **TEACHING RECORD**

### **COURSES:**

#### **Primary Instructor**

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| 2013-2014  | ENVS 3030: Topics in Environmental Policy: Social Surveys for Environmental Studies, University of Colorado Boulder (Course Developer & Sole Instructor) |
| 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*

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| 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*

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| 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*

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| 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. |

### **TRAINING SESSIONS:**

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| 2021 | “What can ColoradoSPH do to promote environmental and climate justice?” Inclusive Excellence Workshop Series, Office of Equity, Diversity, and Inclusion, Colorado School of Public Health. |
| 2023 | “Building Community Partnerships to Advance Climate Justice.” Skill Building Session, Public Health in the Rockies, Keystone, CO, September 21, 2023.                                       |

2023

“Research for Action at the Intersection of Environmental and Social Determinants of Health.”  
Pre-Conference Workshop, Interdisciplinary Association for Population Health Sciences,  
Baltimore, MD. October 2, 2023

**ADVISING:**

	<b>Student Name</b>	<b>Degree</b>	<b>Institution</b>	<b>Role</b>	<b>Degree Completion</b>
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	5/2023
15	Carla Nyquist	MPH	Colorado School of Public Health	Academic Advisor	12/2022
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	Riley Schumm	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
21	Megan Ellery	MS	University of Colorado Boulder	Thesis Committee	5/2023
22	Francesca Macaluso	DrPH	Colorado School of Public Health	Dissertation Committee	Current
23	Emily Evans	MPH	Colorado School of Public Health	Academic Advisor	Current

**RESEARCH RECORD****GRANTS****Current**

- PI, “Collaborative Research: Oil and Gas Siting, Housing Choices, and Environmental Justice in Colorado.” National Science Foundation: Decision, Risk, and Management Sciences 1949029. \$563K, 2020-2024.
- 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)
- PI, “Collaborative Research: Risk-Risk Tradeoffs and Prescribed Burning Decisions.” National Science Foundation: Decision, Risk, and Management Sciences 2219505. \$1.2M, 2022-2025.
- PI, “Climate Change, Workers’ Health, and Equity.” CDC/NIOSH Interprofessional Agreement 22IPA2216226. \$47,724. 2022-2024.

- mPI, “Mountain West ACE-CH Hub: Climate Change Engagement Platform to Support Resilient Rural and Urban Communities.” NIH-Westat Subcontract. \$600,000, 2023-2024.
- PI, “Independent Evaluation of CO EnviroScreen 1.0 Methodology.” Colorado Department of Public Health and Environment. \$25,000. 7/2023-9/2023.
- PI, “Community Collaborative Research Center – GreenLatinos Partnership.” CU Denver. \$51,807. 1/2023-12/2023.
- PI, “Learning from the Marshall Fire to Inform Emergency Management and Resilience-Building.” FEMA HiEd Program. \$10,000. 9/2023-6/2024.

### **Pending**

- Co-I, “Rocky Mountain Center for Climate, Health, and Resilience.” NIH P20 Exploratory Grant for Climate Change and Health Research Center Development. \$2.5M, 9/2024-8/2027.

### **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).

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

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: Deserai Crow, CU Denver)

## 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. Alirigia, 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 PM2.5 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>.
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59. Ellery, M.\*, A. Javernick-Will, A. Liel, and **K. Dickinson**. Jurisdictional decision-making about building codes for resiliency and sustainability post-fire. 2023. *Environmental Research: Infrastructure and Sustainability* 3(4). <https://doi.org/10.1088/2634-4505/ad02b8>.
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#### BOOK CHAPTERS

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#### REPORTS AND WORKING PAPERS

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- Dickinson, K.L.** Measuring social networks in Mvomero, Tanzania. 2008. Unpublished working paper.
- 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*.
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- 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.

Available at: [http://sciencepolicy.colorado.edu/p3cookstoves/publications/ACE\\_final%20\\_report.pdf](http://sciencepolicy.colorado.edu/p3cookstoves/publications/ACE_final%20_report.pdf).

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16. Albright, E., G. Arthur, N. Banacos, T. Birkland, D. Crow, R. DeLeo, R. Devoss, **K.L. Dickinson**, D. Blanch-Hartigan, E. Koebele, M. Li, L. Neuberger, J.D. Roberts, E. Shanahan, K. Taylor, and C. Welton-Mitchell. 2021. Risk and Social Policy Working Group: Partisanship, Trust, and Vaccine Hesitancy: Impacts of the 2020 Election on COVID-19 Risk Management: Wave Three Survey Technical Report. Available at <https://www.riskandsocialpolicy.org/our-work>.
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: <https://www.greenlatinos.org/colorado>.

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/what-weve-learned>.
19. Crow, D., **K. Dickinson**, A. Rumbach, E. Albright, and R. DeVoss. 2023. Marshall Fire Unified Research Survey: Wave 2 Technical Report. Public report available at <https://www.marshallresilience.com/what-weve-learned>.
20. Rumbach, A., K. Dickinson, E. Albright, and D. Crow. After the Marshall Fire, Households with Fewer Financial Resources Are Falling Behind. *The Urban Wire*, April 5, 2023. <https://www.urban.org/urban-wire/after-marshall-fire-households-fewer-financial-resources-are-falling-behind>.

## 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.
5. “Marshall fire victims with lower incomes, less insurance lag in rebuilding, study finds.” April 5, 2023. *Denver Post*. Reporter: Noelle Phillips. <https://www.denverpost.com/2023/04/05/marshall-fire-rebuilding-affordability/>. Article summarizes results from Marshall Fire Unified Research Survey (led by Dickinson) on home rebuilding.

## PODCASTS AND BLOGS

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/>
3. “After the Marshall Fire, Households with Fewer Financial Resources are Falling Behind.” April 5, 2023. Blog post for the Urban Wire (Urban Institute Blog) by A. Rumbach, K. Dickinson, E. Albright, and D. Crow. <https://www.urban.org/urban-wire/after-marshall-fire-households-fewer-financial-resources-are-falling-behind>

4. “Promoting Equitable Wildfire Recovery in Lahaina: Four Lessons for Local Leaders, from Colorado’s Marshall Fire.” November 29, 2023. Blog post for the Urban Wire (Urban Institute Blog) by A. Rumbach, E. Albright, D. Crow, K. Dickinson, and C. Welton-Mitchell. <https://www.urban.org/urban-wire/promoting-equitable-wildfire-recovery-lahaina-four-lessons-local-leaders-colorados>

#### COMPETITIVE CONFERENCE PRESENTATIONS (SINCE 2015)

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##### 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.
3. “Leveraging Community-Academic Partnerships to Advocate for Environmental Justice in Colorado’s Disproportionately Impacted Communities.” Oral Presentation, Public Health in the Rockies, Keystone, CO, September 22, 2023.

##### National

4. “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.
5. “Playing with Fire: Social Interactions and Wildfire Mitigation Behaviors.” Oral Presentation. Association for Environmental and Resource Economists Annual Meeting, Breckenridge, CO. June 10, 2016.
6. “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.
7. “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.
8. “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.
9. “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.
10. “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.
11. “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.
12. “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.
13. “Responsive Health and Policy Research for Climate Resilience: Case Study of the Marshall Fire.” Oral Panel Presentation (organized by Dickinson), Interdisciplinary Association for Population Health Sciences Annual Meeting, October 3-5, 2023.

**International**

14. “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.
15. “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.
16. “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.
17. “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.
18. “Demand for environmental health technologies: a clean cookstove experiment in Northern Ghana to investigate effects of prices and peers.” Poster Presentation. International Society for Environmental Epidemiology Annual Meeting, Athens, Greece, September 18-21, 2022.
19. “Environmental justice in Colorado: Variation in proximity to oil and gas wells across race-ethnicity and income groups.” Poster Presentation. International Society for Environmental Epidemiology Annual Meeting, Athens, Greece, September 18-21, 2022.