*Curriculum Vitae*

**JESSIE K. LUNA**

Department of Sociology E-mail: jessie.luna@colostate.edu

Colorado State University [www.jessieluna.com](http://www.jessieluna.com/)

B 266, Andrew G. Clark Building [ResearchGate](https://www.researchgate.net/profile/Jessie-Luna)

Fort Collins, CO 80523

**PROFESSIONAL POSITIONS**

2018 - Assistant Professor, Department of Sociology, Colorado State University

 Faculty Affiliate and Advisory Council, Center for Environmental Justice

 Faculty Associate, Center for Fair and Alternative Trade

**EDUCATION**

Ph.D. 2018, Sociology, University of Colorado Boulder.

Dissertation: *Capitalism, Culture, and Cotton: New Agricultural Technologies in Burkina Faso*

Committee: Jill Lindsey Harrison, Lori Hunter, Liam Downey, Emily Yeh, Mara Goldman

Comprehensive Exams: Environmental Sociology, Food and Agriculture, Development

Certificate in Development Studies

M.A.2012, Development Studies (specialization in Global Ecology and Sustainable

Development), The Graduate Institute of International and Development Studies, Geneva, Switzerland

B.A. 2006, International Relations; Film Production, University of Southern California, Los

Angeles, *Magna cum laude*

**AREAS OF SPECIALIZATION**

Environmental Sociology, Political Ecology, Race and Racism, Food and Agriculture, Environmental Inequality, Development, Science and Technology Studies, Qualitative Methods, Health and Embodiment

**PUBLICATIONS**

**Peer-reviewed journal articles** (student authors are underlined)

##

## Luna, Jessie K., Becca Chalit Hernandez, and Abdoulaye Sawadogo. [2021](https://doi.org/10.1016/j.geoforum.2021.09.014). “The paradoxes of purity

## in organic agriculture in Burkina Faso.” *Geoforum* 127:46-56.

## Stein, Serena, and Jessie K. Luna. [2021](https://www.berghahnjournals.com/view/journals/environment-and-society/12/1/ares120106.xml). “Toxic sensorium: Agrochemicals in the African

## Anthropocene.” *Environment and Society* 12:87-107.

## Luna, Jessie K. and Brian Dowd-Uribe. [2020](https://doi.org/10.1016/j.worlddev.2020.105127). “Knowledge politics and the Bt cotton success narrative

## In Burkina Faso.” *World Development* 136(105127).

## Luna, Jessie K. [2020](https://onlinelibrary.wiley.com/doi/abs/10.1111/joac.12381). “Peasant essentialism in GMO debates: Bt cotton in Burkina Faso.” *Journal of*

## *Agrarian Change* 20(4): 579-597.

## Luna, Jessie K. [2020](https://link.springer.com/article/10.1007/s10460-019-09999-y). “‘Pesticides are our children now’: Cultural change and the technological

## treadmill in the Burkina Faso cotton sector.” *Agriculture and Human Values* 37(2): 449-462.

## Luna, Jessie K. [2019](https://link.springer.com/article/10.1007/s11133-019-9412-8). “The ease of hard work: Embodied neoliberalism among Rocky Mountain fun

## runners.” *Qualitative Sociology* 42(2): 251–271.

Luna, Jessie K. [2019](https://www.tandfonline.com/doi/figure/10.1080/03066150.2018.1499623?scroll=top&needAccess=true). “The chain of exploitation: Intersectional inequalities, capital accumulation,

and resistance in Burkina Faso’s cotton sector.” *The Journal of Peasant Studies* 46(7):1413

1434.

Luna, Jessie K. [2018](https://www.tandfonline.com/doi/abs/10.1080/23251042.2017.1396657). “Getting out of the dirt: Racialized modernity and environmental inequality in

the cotton sector of Burkina Faso.” *Environmental Sociology* 4 (3): 221-34.

Hunter, Lori M., Jessie K. Luna, and Rachel M. Norton. [2015](https://www.annualreviews.org/doi/10.1146/annurev-soc-073014-112223). “The environmental dimensions of

migration.” *Annual Review of Sociology* 41: 377-97.

**Peer-reviewed book chapters**

Luna, Jessie K. and Gabin Korbéogo. 2022/In Press. “Environmental inequalities in Africa,” chapter in

The *Handbook of Inequality and the Environment*, edited by Michael J. Lynch, Michael A.

Long, and Paul B. Stretesky. Edward Elgar Publishers.

**Research under review**

Luna, Jessie K. “Lions and tigers and Malthus, oh my! Naturalized race and racialized nature at the

Denver Zoo.” Under Review at *Environmental Sociology*.

**Manuscripts in preparation**

Luna, Jessie K. *White Gold, Black Debt: Racial Capitalism and Agricultural Modernization in West*

*Africa.* Book manuscript in preparation. (Proposal, introduction, and draft chapters available).

## Luna, Jessie K. and Gabin Korbéogo. “Les inégalités environnementales en Afrique.” Translation of

## book chapter for use in teaching in Francophone Africa.

Luna, Jessie K. “Technological healthism and quantified deservingness: A comparative study of

fitness trackers and biotechnology.” In preparation.

**RESEARCH GRANTS**

2017- 2018 American Association of University Women American Dissertation Fellowship

($20,000)

2016 National Science Foundation Doctoral Dissertation Research Improvement Grant,

Sociology ($9,500)

2016 U.S. Student Fulbright to Burkina Faso ($25,000)

2016 CU Boulder Dean’s Graduate Student Research Grant ($10,000)

2014 NSF Scholarship to summer seminar “Science and Technology Studies and

Environmental Sociology and Policy,” Vanderbilt University, with David Hess

**AWARDS**

2017 Ralph and Barbara Dakin Award, Dept of Sociology, CU Boulder. Awarded for

outstanding scholarship that contributes to peace, intercultural understanding, resolution of conflict, or the amelioration of important social problems ($1000)

2017 Honorable Mention, ASA Environment and Technology Section Marvin E. Olsen

student paper award for “The Color of Progress: Racialized Narratives and

Environmental Inequality in the Cotton Sector of Burkina Faso”

2016 Honorable Mention, ASA Body and Embodiment Section graduate student paper

award for “The Ease of Hard Work: Distinction, Boundary Work, and Embodied

Neoliberalism”

2015 Outstanding Research Paper Award, Dept of Sociology, CU Boulder for “The

Ease of Hard Work: Distinction, Boundary Work, and Embodied Neoliberalism”

**INVITED TALKS AND PRESENTATIONS**

*Upcoming* “White gold, Black debt: Racial capitalism and agricultural modernization in West

Africa.” Department of Geography, University of Colorado Boulder. Oct. 2022

*Upcoming* “Naturalized race and racialized nature at the Denver Zoo.” Department of

Geography and the Environment, University of Denver. Oct. 2022

2022 “Le défi des pesticides en Afrique de l’Ouest,” Virtual talk for an event on Food

and Pesticides in Abidjan, Côte d’Ivoire, “La Campagne Conscience AlimenTERRE:

Un an après son lancement,” African Institute for Economic and Social Development

2020 “Is it natural? Is it earned? Sociological insights on justifying inequality.”

Department of Food Science and Human Nutrition, Colorado State University

2019 Invited panelist for a College of Liberal Arts “Great Conversations” event on the

topic: “Does technology heal or harm partisan divides?” Colorado State University

2019 Invited panelist for College of Liberal Arts Featured Scholarship Symposium,

"Systems and Spaces: Institutions, Inequity, and Cultural Responses."

Colorado State University

**ACADEMIC CONFERENCE PRESENTATIONS**

**Conference panels organized**

2021 “Political Ecology and New Green Revolutions in Africa.” Co-organized with Joeva

Rock and Brian Dowd-Uribe. Association of American Geographers Conference

(virtual)

2019 “Intersections of interventions: On development, difference, dispossession, and

discourse.” Dimensions of Political Ecology Conference, Lexington, Kentucky

2019 Invited member of the scientific committee for the conference “Pesticide Politics in

Africa,” Arusha, Tanzania

**Invited discussant or panelist at an academic conference**

*Upcoming* Invited panelist, “Postcolonial ethnographies of racial capitalism: A view in/from

Africa.” International Sociological Association Conference in Melbourne, Australia,

June 2023. Panel moderated by Michael Burawoy

*Upcoming* Invited panelist, “Racial articulations across spatial regimes.” Social Science

Historical Association Conference, Chicago, November 2022. Panel organized by

Isaac Reed, Jordanna Matlon, Jonah Brundage, Vasfiye Toprak, and Tad Skotnicki

2022 Invited workshop participant, “White gold, Black debt: Racial capitalism and

agricultural modernization in West Africa,” at *Genome Editing and its Alternatives in*

*Africa*, Halifax, Nova Scotia

2021 Keynote speaker, “Réguler l'invisible: les compromis et paradoxes au sein des

politiques relatives aux pesticides en Afrique,” at Pesticides and Public Policies in the

Global South International Conference at Université Alassane Ouattara, Bouaké,

Côte d’Ivoire

2021 Discussant, “Contradictions et antagonismes au carrefour des espaces agricoles,

sanitaires, économiques, environnementaux ou écologiques," at Pesticides and Public Policies in the Global South International Conference at Université Alassane Ouattara, Bouaké, Côte d’Ivoire

2021 Author Meets Critics panelist for Matthew Schnurr’s *Africa's Gene Revolution:*

*Genetically Modified Crops and the Future of African Agriculture*, Association of American Geographers Conference (virtual)

2021 Discussant, “Political Ecology and New Green Revolutions in Africa,” Panel 2,

Association of American Geographers Conference (virtual)

2019 Discussant, “Pesticide uses and their drivers” at the Pesticide Politics in Africa

Conference, Arusha, Tanzania

**Conference papers presented**

2022 “Lions and tigers and Malthus, oh my! Naturalized race and racialized nature at

The Denver Zoo.” Roundtable at the American Sociological Association Conference

in Los Angeles

2020 “Clean white cotton: Race and the paradoxes of organic agriculture in Burkina

Faso.” Paper presented at the American Sociological Association Conference (virtual)

2019 “Peasant imaginaries in the debate over GMOs: Evidence from Burkina Faso.”

Paper presented at the Association for the Study of Food and Society and the

Agriculture, Food, and Human Values Society Conference, Anchorage, Alaska

2019 “Cultural and economic treadmills driving pesticide use in Burkina Faso.” Paper

presented at the Pesticide Politics in Africa Conference, Arusha, Tanzania

2019 “Quantified Deservingness: A comparative political ecology of technological

healthism.” Paper presented at Dimensions of Political Ecology Conference, Lexington, Kentucky

2018 “‘Pesticides are our children now’: Changing labor dynamics and agricultural

modernization in Burkina Faso.” Paper presented at the Association of American

Geographers Conference in New Orleans

2017 “The color of progress: Race, status, and technology in the cotton sector of Burkina

Faso.” Paper presented at the American Sociological Association Conference in

Montréal

2017 “Who is capital and who is the peasant? Chains of exploitation and intersectional

inequalities in the cotton sector of Burkina Faso.” Paper presented at the

Association of American Geographers Conference in Boston

## 2015 “The paradox of ease: Bodies, boundaries, and distinction in contemporary America.” Paper presented at the American Sociological Association Conference in

## Chicago

2015 “Disciplining neoliberal bodies: Runners, fitness tracking, and the reproduction of

meritocracy.” Paper presented at the Association of American Geographers Conference in Chicago

## 2014 “The political ecology of vulnerability: Climate change and food security in West

## Africa.” Paper presented at the Critical Geography Conference in Boulder, Colorado

**TEACHING EXPERIENCE**

**Colorado State University (2018-present)**

SOC 205: Sociology of Race and Racism (110 students; taught every semester)

SOC 220: Environment, Food, and Social Justice (40 students; taught once)

SOC 220: Global Environmental Issues (40 students; taught yearly)

SOC 380: Science, Technology, and Society (40 students; taught once)

SOC 668: Environmental Sociology (10 students; taught twice)

**University of Colorado Boulder**

Instructor of Record (2015-2018)

 SOCY 2077: Environment and Society (60 students; taught twice)

SOCY 4117: Food and Society (60 students; taught once)

Teaching Assistant (2012-2018)

SOCY 1001: Intro to Sociology (one semester, three recitations)

SOCY 1004: Deviance in U.S. Society (one semester, three recitations)

SOCY 4017: Animals and Society (one semester, without recitations)

SOCY 4117: Food and Society (four semesters, two recitations)

**Teaching workshops organized**

2022 “Teaching in a time of radical flux.” Moderated and co-organized teaching event

for ASA Environmental Sociology Section, April 2022

2021 “Navigating Difficult Classroom Conversations.” Organized workshop for the

Department of Sociology, Colorado State University, 2021

 **Selected invited guest lectures in course seminars**

*Upcoming* “The dilemma of pesticides in West Africa” In Dr. Jill Harrison’s Geographies of Food

and Agriculture course, Department of Geography, CU Boulder. Oct 2022

2021 “Genetically modified crop debates in Burkina Faso,” In Dr. Laurel Bellante’s course “Food fights: debates over the future of Food,” Food Studies, University of Arizona

2020 “Power relations and knowledge: Challenges of communicating social science

research outside the discipline,” In Dr. Lindsey Schneider’s Global Environmental Justice course, Ethnic Studies Department, Colorado State University

2019 “Cotton and the production of global inequalities” In Dr. KuoRay Mao’s Green

Criminal course, Department of Sociology, Colorado State University

2018 “The political ecology of cotton in Burkina Faso.” In Dr. Mara Goldman’s Political

Ecology course, Geography Department, University of Colorado Boulder

2014-2016 “From the Green to the Gene Revolution” In Dr. Jill Harrison’s Food and Society

course, Department of Sociology, University of Colorado Boulder

2015 “Doing Ethnography,” in Dr. Jill Harrison’s graduate Qualitative Methods course,

Department of Sociology, University of Colorado Boulder

**Teaching development activities**

2021 Webinar on “Teaching about White Nationalism,” organized by Repair for Justice

2020 ASA Webinar on “Confronting the Canon: Decolonizing and Diversifying Your

Department’s Curriculum”

2020 Online Course Design, 16-hour course with CSU Online, 2020, with training in Quality

Matters and Universal Design

2020 Intergroup Relations Institute (3 day workshop on inclusive pedagogy)

2019 ASA Webinar on “Incivility in the Classroom,” with Chavella T. Pittman

2018-2020 Series of Inclusive Pedagogy workshops, Colorado State University

**GRADUATE STUDENT SUPERVISION**

**Masters**

Juliet Seibel

Jacob DeBruin

Marzia Lanfranchi (external to CSU)

Benja Kromash (chair; graduated 2022)

Elijah Thunell (graduated 2022)

Micaela Truslove (graduated 2022; now PhD)

**PhD**

Parker Arnold (PhD)

Becca Chalit-Hernandez (PhD)

Sneha Kadyan (PhD; served on exam committee)

Laurence Pedroni (PhD)

Emilia Ravetta (PhD)

Nefratiri Weeks (PhD; served on proposal defense committee)

**Undergraduate honors theses supervised**

Jennie Rieher (2019)

Kayla McCurry (2019)

**OUTREACH ACTIVITIES**

**Reports and non peer-reviewed publications**

## Luna, Jessie and Brian Dowd-Uribe. [2020](https://theconversation.com/how-power-shaped-the-success-story-of-genetically-modified-cotton-in-burkina-faso-144959). “How power shaped the ‘success story’ of genetically

## modified cotton in Burkina Faso.” *The Conversation.* Aug 20.

* Republished across dozens of media outlets, including Quartz, U.S. Right to Know, and Source (the Colorado State Magazine)

Signatory and contributor to [The Arusha Call for Action on Pesticides](http://iris.ehess.fr/docannexe/file/4393/arusha_call_for_action_on_pesticides_with_signatures_compressed.pdf), issued at the Pesticide Politics

in Africa Conference, Tropical Pesticides Research Institute, Arusha, Tanzania, May 2019

## Luna, Jessie, and Anne-Claire Adet. 2011. “Beyond the Bucks: Evaluating Impact, Demonstrating

## Leverage.” Report for World Wildlife International, Switzerland

**Features and interviews**

Panelist at the University of Bouaké Radio Station, emission on Pesticides in Agriculture, October

2022, Bouaké, Côte d’Ivoire

Featured cotton researcher by [The Cotton Diaries](https://www.instagram.com/cottondiaries/), July 2021

Featured on the Africa Center “[Field Notes](https://soundcloud.com/csu-africa-center/field-notes-jessie-luna)” Podcast, Colorado State University.” 2021

Interviewed by the *Washington Post* for background research on West African cotton sector, 2021

Featured instructor on [CSU Instagram](https://www.instagram.com/p/CGDfv9LpfvM/?hl=en), Oct. 2020

**PROFESSIONAL ACTIVITY AND SERVICE**

**Service to the Profession**

Council Member-At-Large of the ASA Environmental Sociology Section, 2020-2022

Nominations Committee for the ASA Environmental Sociology Section, 2020-2022

**Colorado State University**

Social Justice and Equity Working Group for Dept of Sociology, founder and chair, 2020-2022

 Co-developed the “Equity and Inclusion Tool” for use in departmental decision-making

College of Liberal Arts Equity Committee, 2021-2022

Undergraduate Committee, Dept of Sociology, 2021-2022

Undergraduate Scholarship Committee for Sociology and the College of Liberal Arts, 2020-present

Faculty Search Committees, Dept of Sociology, fall 2021, fall 2022

AKD Honors Society Undergraduate Advisor, Dept of Sociology, 2019-2020

Graduate Committee, Dept of Sociology, 2018-2019

**Professional Affiliations**

American Sociology Association (2015-present)

Member of sections: Environmental Sociology, Racial and Ethnic Minorities, Sociology of

Development, Global and Transnational Sociology, Science Knowledge and Technology, and

Political Economy of the World-System

American Association of Geographers (2015-present)

Member of sections: Cultural and Political Ecology, Development Geography, Food and

Agriculture, Africa, Black Geographies, Human Dimensions of Global Change

Agriculture, Food, and Human Values Society (2019-present)

Social Science History Association (2022)

Cotton Diaries (global network of cotton experts) (2020-present)

**Academic Journal Reviews**

American Sociological Review (2018)

American Journal of Sociology (2020)

Social Problems (2019)

Agriculture and Human Values (2019, 2020, 2020)

Environmental Sociology (2018, 2021, 2022)

Annals of the American Association of Geographers (2019)

Theory and Society (2021)

Journal of Environment and Development (2020)

Journal of Rural Studies (2021)

Cahiers Agricoles (French) (2020, 2021)

Journal of Agrarian Change (2021, 2022)

Population and Environment (2018)

Climatic Change (2017)

Qualitative Sociology (2019)

African Geographical Review (2019)

Environment and Planning E (2018)

Weather Climate and Society (2016)

Society and Natural Resources (2019)

Elementa (2022)

Human Geography (2022)

Development and Change (2021)

**Grant Reviews**

National Science Foundation (2022)

**RELEVANT PROFESSIONAL EXPERIENCE**

1. Video editor, Forestry Media Center, Corvallis, Oregon. Edited videos on sustainable

animal agriculture in the Pacific Northwest

2007- 2009 Agriculture and Environment Volunteer, Peace Corps Mali, West Africa

* Facilitated a Farmer Field School to conduct farmer-led field experiments in collaboration with ICRISAT (Bamako)
* Co-hosted a weekly radio show in Bambara on environmental and social issues for one year; broadcast in Southern Mali
* Facilitated the founding of a women’s regional shea cooperative
* Produced educational videos for Malian National Television (ORTM)

2006, 2009 Research Technician for Integrated Pest Management research trials, Department of

Horticulture, Oregon State University, with Dr. Vaughn Walton, entomologist

2005- 2006 Assistant to film director, Bal-Maiden Films, Los Angeles. Worked on labor-rights

and union oriented films: *No Sweat: Inside American Apparel* (2006), and *Eye of*

*the Storm: The story of the ILWU lock-out* (2007)

2004, 2005 Research Assistant for vegetable breeding program, Department of Horticulture,

Oregon State University, with Dr. Jim Myers, Professor of Vegetable Breeding

2003- 2005 Research Assistant, School of Social Work, University of Southern California, with

Dr. Bruce Jansson, Professor of Social Work

1. Production assistant, Greenfire Productions, Oregon. Worked on wildlife

conservation films: *Wild Connections: The Hells Canyon-Wallowa Ecosystem*, and

*Common Ground: Oregon’s Ocean*

**LANGUAGES**

English (native)

French (close to fluent; professional proficiency of IRL level 4)

Bambara/Dioula (highly proficient; professional proficiency of IRL level 3+)