

NATHANIEL DOLTON-THORNTON

345 Giannini Hall
University of California
Berkeley, CA 94720-3050
USA
dolton-thornton@berkeley.edu
+1 (831) 345-2562

EDUCATION

University of California, Berkeley (Berkeley, CA) <i>PhD Energy and Resources</i> National Science Foundation Graduate Research Fellowship, US Department of Education Foreign Language and Area Studies Fellowship, Rausser Award	2023–Present
National Taiwan University (Taipei) <i>International Chinese Language Program</i> Blakemore Freeman Fellow	2021–2022
University of Oxford (Oxford, UK) <i>MSt Critical Translation (Chinese, Spanish)</i> Marshall Scholar	2019–2020
University of Cambridge (Cambridge, UK) <i>MPhil Geographical Research</i> Marshall Scholar	2018–2019
University of California, Berkeley (Berkeley, CA) <i>BS Environmental Science, Policy, and Management</i> Highest Distinction, Honors, Phi Beta Kappa, University Award nominee	2014–2016

EXPERIENCE

Non-Resident Junior Research Fellow <i>Climate Policy Lab, The Fletcher School, Tufts University</i> Lead research on the social, political, and environmental aspects of critical mineral supply chains for energy transitions, with a focus on China, Latin America, and Africa. Lead related research on the social, political, and environmental implications of electric vehicles.	Aug. 2023–Present
Assistant Researcher <i>Climate Policy Lab, The Fletcher School, Tufts University</i> Lead research on the social, political, and environmental aspects of critical mineral supply chains for energy transitions, with a focus on China, Latin America, and Africa. Lead related research on the social, political, and environmental impacts of the international trade of used electric vehicles. Collaborating with in-country climate policy	Jan.–Aug. 2023

experts and government officials, conduct climate policy gap analyses of Mexico, Colombia, Brazil, Vietnam, and Indonesia. As part of climate policy gap analyses, interface with climate policy experts and government officials in Ethiopia, Kenya, South Africa, and Turkey.

Research and Editorial Assistant

Oct. 2022–Present

University of Cambridge

Assist Dr. Elia Apostolopoulou, Prince of Wales Global Sustainability Fellow at the University of Cambridge, with the development of an edited volume on the social and environmental impacts of China's Belt and Road Initiative.

Environmental Journalist

Sep. 2015–Present

Identify and report environmental stories on a contract basis for publications such as *Orion*, *The Conversation*, *Earth Island Journal*, and *Bay Nature*.

Research Assistant

Jan. 2021–Jan. 2023

California-China Climate Institute, University of California, Berkeley

Authored articles on climate policies, projects, and initiatives in China, Latin America, and the US. Conducted relevant research in English and Chinese.

Coder

Jun. 2020–Jan. 2023

Oxford Coronavirus Government Response Tracker

Serve as coder for a University of Oxford research team developing a COVID-19 government response tracker. Covered in outlets such as the *Financial Times*, *Wall Street Journal*, *New York Times*, and *BBC*.

Education Specialist (Environmental Justice)

Mar. 2017–Aug. 2018

Department of Natural Resources and Parks, King County, Washington

Served as King County Department of Natural Resources and Parks' first education specialist focused on environmental justice. Collaborated with community groups, government agencies, nongovernmental organizations, and private industry to co-create contextually appropriate environmental solutions. Organized and led multilingual conferences and other events on diverse environmental topics. Wrote articles, field guides, brochures, technical documents, and social media content in English, Spanish, and Chinese.

Reader

Sep.–Dec. 2015

Environmental Biology Course, University of California, Berkeley

Edited and graded student research papers for Prof. Ignacio Chapela's ESPM 6: Environmental Biology course. Co-designed grading criteria for students.

Reporting Intern

Jun.–Sep. 2015

Bay Nature Institute

Identified and reported short- and long-form environmental stories for Bay Nature Institute's print and online publications. Met weekly with Bay Nature's Editorial Director to pitch, analyze, and edit stories; study model pieces; and consult other professional writers and editors.

SELECT PUBLICATIONS

Academic Articles

Jessica Gordon, **Nathaniel Dolton-Thornton**, Louise Bedsworth, Michelle Passero, Fan Dai, Jennifer Perron, Jane Sadler. "Achieving a Multi-Beneficial Nature-Based Climate Strategy: An Institutional Framework for Advancing Subnational Climate Action." *California-China Climate Institute & The Nature Conservancy* (June 2022).

"Rewilding and re peopling in Scotland: Large-scale land managers' perspectives and practices." *Journal of Rural Studies* 86 (August 2021).

<https://doi.org/10.1016/j.jrurstud.2021.05.010>

"How should policy respond to land abandonment in Europe?" *Land Use Policy* 102 (March 2021). <https://doi.org/10.1016/j.landusepol.2020.105269>

"Lessons from Scotland's rewilding vs. re peopling debate." *ECOS* 42 (1) (2021).

<https://www.ecos.org.uk/postgraduate-highly-commended-lessons-from-scotlands-rewilding-vs-repeopling-debate/>

Print Magazine Articles

"Power to the People: Scotland's clean energy future is community owned. Can the United States follow suit?" *Earth Island Journal* (spring 2021).

"The Elem Tribe's Last Stand." *Earth Island Journal* (winter 2019). (Source for The Metropolitan Museum of Modern Art's exhibition "Jules Tavernier and the Elem Pomo.")

"Review: *No One Is Too Small to Make a Difference*, by Greta Thunberg." *Orion* (winter 2019).

"Scorched Earth: The Trump Administration's Public Lands Policies." *The Tortoise: Issue 6* (2017).

"The Great Ladybug Convergence." *Bay Nature* (January 2016).

"Ear to the Ground: Harmful Algal Blooms." *Bay Nature* (October 2015).

Web-Based Magazine Articles

Zdenka Myslikova, **Nathaniel Dolton-Thornton**. "'Global China' is a big part of Latin America's renewable energy boom, but homegrown industries and 'frugal innovation' are key." *The Conversation* (July 5, 2023).

"Critical minerals, geopolitics, and the risks for achieving net-zero transition." Climate Policy Lab (May 1, 2023).

"Q&A with the Proprietor of the 'Ladybug Hotel.'" *baynature.org* (2015).

"The Peninsula Watershed: To Open, Or Not To Open?" *baynature.org* (2015).

"Q&A: The Unseen Peninsula's Private Photographer." *baynature.org* (2015).

Edited Articles

- Sairambay, Y., Kamza, A., Kap, Y., & Nurumov, B. "Monitoring public electoral sentiment through online comments in the news media: a comparative study of the 2019 and 2022 presidential elections in Kazakhstan." *Media Asia* (July 3, 2023).
- Sairambay, Y. "Transitional Justice and Democratic Consolidation in the Post-Communist Space: A Comparative Review of the Czech Republic, Latvia and Slovakia." *Politics in Central Europe*. 17 (1) (2021): 127-142.
- Öhman, C. "A theory of temporal telepresence: Reconsidering the digital time collapse." *Time & Society* (July 21, 2020).
- Sairambay, Y. "Reconceptualising political participation." *Human Affairs* 30, no. 1 (2020): 120-127.
- Sairambay, Y. "Young People's Perspectives on How 'Zhuz' and 'Ru' Clans Affect Them: Evidence From Three Cities in Post-Soviet Qazaqstan." *Studies of Transition States and Societies*. 11, no. 11 (2019): 39-54.
- Öhman, C. "The Political Economy of Death in the Age of Information: A Critical Approach to the Digital Afterlife Industry." Oxford Internet Institute (2016).

Research Assistance

University of Nottingham Rights Lab. "The Slavery-Free Campus: A blueprint for university action against modern slavery." July 2021.

Reviews

Land Use Policy

Environmental Science & Policy

Habitat International

AWARDS

National Science Foundation Graduate Research Fellowship. 2023–2028.

"A prestigious grant awarded annually by the National Science Foundation to approximately 2,000 students pursuing research-based master's and doctoral degrees in the natural, social, and engineering sciences at US institutions."

Gates Cambridge Scholarship. 2023–2027.

"An international postgraduate award for students to study at the University of Cambridge. The scholarship is one of the most competitive and prestigious in the world, with around 1.3% of applicants receiving an award in recent years." [Declined.]

Cambridge International Scholarship. 2023–2027.

"The aim of the Cambridge International Scholarships . . . is to ensure that the highest scored students, irrespective of nationality, receive full financial support to undertake PhD studies." [Declined.]

Blakemore Freeman Fellowship. 2021–2022.

Awarded by the Blakemore and Freeman Foundations to finance "one academic year of advanced level language study" at National Taiwan University's International Chinese Language Program.

National Bureau of Asian Research Chinese Language Fellowship Program. 2021-2022.

Provides “fellowships of up to \$50,000 for American graduate students (PhD and current or recent MA) so that they can devote one year to intensive Chinese language training at an institution of the fellow’s choice, generally in China or Taiwan.” [Declined.]

UNSW Press/Bragg Prize for Science Writing. 2021.

“*Aplonis fusca*” nominated by *Griffith Review* for the prize and inclusion in *The Best Australian Science Writing 2021*.

Marshall Scholarship. 2018–2020.

Created by the Parliament of the United Kingdom to “finance young Americans of high ability to study for a degree in the United Kingdom.” “With nearly 1,000 university-endorsed and selected applicants in recent years, it is among the most selective graduate scholarships for Americans.”

ECOS Postgraduate Student Essay Prize. 2020.

Highly commended “Lessons from Scotland’s rewilding vs. re-peopling debate.”

San Francisco Press Club’s Greater Bay Area Journalism Award. 2019.

Awarded to “The Elem Tribe’s Last Stand” in category “Magazine/Trade Publications: Environment/Nature Report.”

ASSOCIATIONS

Royal Geographical Society (Associate Fellow)	Oct. 2022–Present
Red Académica de América Latina y el Caribe sobre China (The Latin American and the Caribbean Academic Network on China)	Sep. 2022–Present
Energy and Environment Group, American Association of Geographers	Sep. 2022–Present
British Ecological Society	Apr. 2019–Present
Political Ecology Network	Feb. 2018–Present
Oxford School of Climate Change, University of Oxford	Jan.–Aug. 2019
Political Ecology Group, University of Cambridge	Oct. 2018–Aug. 2019
Radical Geographies Group, University of Cambridge	Oct. 2018–Aug. 2019

SELECT PRESENTATIONS

“Skills Workshop: Journalism for Climate Researchers.” Climate Policy Lab, The Fletcher School, Tufts University. July 11, 2023.

“Rewilding vs. Repeopling: Land Ownership, Conservation, and Community in the Highlands of Scotland.” MPhil Lecture Series: Geography Department, University of Cambridge. May 2, 2019.

“Lessons From Scotland’s ‘Rewilding vs. Repeopling’ Debate.” Graduate Lecture Series: Emmanuel College, University of Cambridge. April 18, 2019.

SKILLS

Computer: ArcGIS, Stata, NVivo, Covidence, Rayyan, Tableau, GitHub, Tower, Adobe (InDesign, Illustrator, Photoshop), Microsoft Excel

Languages: Mandarin Chinese (HSK 5 – proficient), Spanish (proficient)