Niklas A Lollo

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SUMMARY

I am a skilled project manager, translator, and coordinator. I have training in data science, critical data studies, and sustainable production and consumption systems, so I am comfortable working with technicians, executives, or activists. I have a tangible record of developing actionable tools and insights to support meaningful decisions.

Relevant Skills: Research design, Pedagogy, R/Tidyverse, Surveys, Project management, Data Analysis

Key Words: Data Science, Critical Data Studies, Data Ethics, Sustainable Consumption and Production, Transnational Governance, Apparel

EDUCATION

UC Berkeley, *PhD Candidate in Energy & Resources*   2020
- Evaluation of Data-Centric Programs to Produce Sustainable Consumer Goods
- Designated Emphasis in *Science & Technology Studies*; GPA: 3.9/4.0.

UC Berkeley, *MS in Energy & Resources*   2017
- NSF Graduate Research Fellowship Honorable Mention (Top 30%)
- NSF Data Science Training Program w. $30+K Fellowship (15 students/cohort)

UC Berkeley, *BA in Economics*   2012
- GPA: 3.6/4.0, GRE: Verbal 98% Quantitative 96% Analytical 92%

PROFESSIONAL

Graduate Student Researcher, UC Berkeley   2015-Present
- *Worker Wage intervention*: Project management and econometric analysis of 2-year multi-stakeholder wage intervention in Thai clothing factory.
- Evaluation of *Sustainable Apparel Coalition's Higg Index*: Project management and panel data analysis of 15K factory audits; survey of 80 factory managers; 8 factory visits in Bangladesh and China. Presented interim results to ~500 persons at member meeting in Bangalore, India in 2017.
- *Coding Projects*: Designed and programmed 2 RShiny spatial data applications for [Hawai'i Wildfire Management Organization](#) and [Fair Tech Collective](#).

Graduate Student Instructor, UC Berkeley   2019-2020
- 3 semesters; 64 undergrads (Data Ethics), 16 grads taught (Data & Sustainability Project Course)
- Head GSI for Data Ethics w. 372 students, 9 GSIs, and 2 professors.
- Led weekly teaching team meetings, developed grading rubrics for final projects and exams, developed weekly teaching curricula, and organized guest speaker series.

Data Science Consultant, D Lab, UC Berkeley   2018-2019

- Supported 10+ students and faculty with coding in R, research design, and analysis.

Research Associate, UC Berkeley   2011, 2013-2015
- Assisted successful grants totaling $200+K from C&A Foundation, Tides Foundation, and Center for Responsible Business.
- Literature reviews for papers published in *Science*, *Boston Review*, *Annual Reviews of Environment and Resources*, and *Journal of Industrial Ecology*.
- Project research and development w. World Economic Forum Global Action Committee.

Regulatory Analyst, Advanced Energy Economy, San Francisco, CA   2013
- Energy market and regulatory research for several data-based products and presentations.

Economic Justice Intern, The Agenda Project, New York, NY   2012-2013
- Produced 1 video and managed TopWonks database.

Community Development Coordinator, B Lab, San Francisco, CA   2011
- Managed 1.5K prospect accounts. Outreach to 1K companies to secure 5 certifications.

LEADERSHIP

Board Member, Energy & Resources Group Alumni Network   2016-2020
- Initiated and grew LinkedIn and Facebook groups to ~300 and ~150 members.
- Developed alumni-student mentoring program that serves 15-20 students annually.

Department Master's Curriculum Design Team   2019
- Successful proposal to redesign 4-course master's sequence on 5-person team.

Departmental Committees   2015-2020
- Development (2017-19), Admissions (2x – years withheld for privacy), Student Advocacy (2019-20), Student Diversity (2015-16)

Course Designer and Facilitator, DeCal, UC Berkeley (2 courses; 45 students)   2011-2012

President, Cloyne Court Co-op (~130 members)   2011

Head Coach, UC Berkeley Club Soccer (20 players)   2011

PUBLICATIONS

Niklas Lollo and Dara O'Rourke, "Factory benefits to paying workers more: The critical role of compensation systems in apparel manufacturing", PLoS ONE 15(2), e0227510 (2020).

Frances Moore, James Rising, **Niklas Lollo**, Cecilia Springer, Valeri Vasquez, Alex Dolginow, Chris Hope, and David Anthoff, "Mimi-PAGE, an open-source implementation of the PAGE09 integrated assessment model", Scientific Data 5, 180-187 (2018).

Dara O'Rourke and **Niklas Lollo**, "Transforming Consumption: From Decoupling, to Behavior, to Systems Change for Sustainable Consumption", Annual Reviews of Environment and Resources 40, 233-259 (2015).

OTHER

Professional Activities: UC Berkeley Teaching Certificate (2020); Enviromentorship (2019); Contemplative Environmental Practice Workshop (2018); Environmental Justice Summer School (2017); Equity & Inclusion Certificate (2016)

Interests: Insight meditation: 7 silent retreats (40 days total); Long bike trips: Barcelona to Berlin (~2000 miles), CA coast (~200 miles), Tahoe to Bishop (~250 miles); Contemporary dance: 8 performances; Soccer: College club national champion (2008).