

Alison M. Champion

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Medford, MA

EDUCATION

Tufts University, Medford, MA

Neubauer Family Economics and Public Policy Program

2022-

The Fletcher School and the Graduate School of Arts & Sciences

Expected 2027

Princeton University, Princeton, NJ

2012-2016

Bachelor of Arts, Geosciences with Departmental Honors

Jun 2016

WORK EXPERIENCE

Development Data Lab - Hanover, NH

Jul 2019 - Aug 2022

Research Associate with Profs. Paul Novosad & Sam Asher

- Research assistance, data analysis and general tool development in python and stata
- Worked with the Indian government to design and build an open data platform to host government data under a single, harmonized schema

Kimetrica LLC - Denver, CO & New York, NY

Jun 2016 - Jun 2019

Data Scientist

- Modeling food security in East Africa with socioeconomic, geospatial, and environmental data to optimize humanitarian aid delivery and development policy
- Building automated data analysis workflows alongside software engineers
- Questionnaire and sampling design for randomized control trials, quarterly household panels, and market price surveys

UNIVERSITY EXPERIENCE

Maloof Earth History Group, Princeton, NJ

Student Researcher

Jun 2014 - Jun 2016

Project: Late Paleozoic Ice Age: Carbon Isotopes in Carbonate Cyclothem Sequences

- Led summer field research seasons in England and Spain (8 weeks each), employed one field assistant each summer
- Stable isotope mass spectrometry; U-Pb measurements with CA-ID-TIMS

Lab and Field Research Assistant

Feb 2013 - May 2014

- 8 weeks summer fieldwork, sample preparation and lab analysis

Princeton Bridge Year Program - Ghana

Sep 2011 - May 2012

Volunteer

- Nine-month service learning, homestay, and language immersion experience

ACADEMIC AWARDS

Arthur F. Buddington Thesis Award

June 2016

Outstanding senior thesis in the Department of Geosciences

Best Undergraduate Talk - Princeton Research Day

May 2016

The Late Paleozoic Ice Age: An Ancient Analog to Today's Climate System

Newton Family Scholar

2014-16

A 2-year research fellowship from the Princeton Environmental Institute

SKILLS

Python, Stata, R, Matlab, ArcGIS, Javascript, HTML
Conversational French

WORKING PAPERS

- The Long-run Development Impacts of Agricultural Productivity Gains: Evidence from Irrigation Canals in India (with Sam Asher, Paul Novosad, and Doug Gollin). Latest version [here](#).

PUBLICATIONS

- 2022 Asher, S., Bhowmick, A., **Campion, A.**, Lunt, T., Novosad, P. (2022) [Big, Open Data for Development: A Vision for India](#). India Policy Forum, National Council of Applied Economic Research, 18(1), 1-52.
- 2020 Novosad, P., Jain, R., **Campion, A.**, Asher, S. (2020) [The COVID-19 mortality effects of underlying health conditions in India: a modelling study](#). *BMJ Open*, 10(12).
- 2018 **Campion, A.**, Maloof, A., Schoene, B., Oleynik, S., Sanz-Lopez, J., Blanco-Ferrera, S., et al. (2018) [Constraining the Timing and Amplitude of Early Serpukhovian Glacioeustasy with a Continuous Carbonate Record in Northern Spain](#). *Geochemistry, Geophysics, Geosystems*, 19(8), 2647-2660.

PRESENTATIONS

- 2021 Northeast Universities Development Consortium (NEUDC) Conference