

Samantha Lang

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

New York, NY

Consultant

Ms. Samantha (Sam) Lang supports E3's Climate Pathways and Electrification practice area, working on both future of gas and energy policy-related projects. She joined E3 after completing a Master of Public Administration in Environmental Science and Policy and Columbia University. While earning her M.P.A., she led research projects relating to global energy at the Center on Global Energy Policy. She previously worked five years in financial services, specializing in fixed income securities and markets. In addition to her M.P.A., Ms. Lang holds a B.S. in Business Administration from the University of Maryland.

Selected E3 projects include:

New York City PowerUp NYC Grid Readiness Research (2022 - Present). Research lead on public land-focused workstream for an E3 team working for New York City to support implementation of the city's Long Term Energy Plan. Also leading report writing for an E3 study that will provide actionable recommendations for how to best prepare the City's grid for electrification and support grid reliability and resiliency in NYC's Disadvantaged Communities (DACs) and Environmental Justice (EJ) Areas.

Decarbonization Scenarios Analysis, Baltimore Gas and Electric (2022 – present). Providing research and analysis in support of an E3 team supporting BGE's examination of the transformations needed in BGE's service territory to accomplish the State of Maryland's climate and decarbonization goals.

CENTER ON GLOBAL ENERGY POLICY

New York, NY

Departmental Research Assistant

September 2021 – June 2022

- Led research projects relating to global energy, specifically on electric vehicle markets, global oil demand, and carbon capture and storage applications within the power and industrial sectors
- Conducted policy research and literature reviews on existing carbon removal technology and supporting economic incentives
- Compiled, analyzed, and visually represented data to present findings and forecasts for publications
- Utilized written communication skills for Center publications and industry event summaries

PINEBRIDGE INVESTMENTS

New York, NY

Investment Performance – Fixed Income Senior Associate

November 2018 – May 2021

- Environmental, Social, and Governance (ESG) reporting committee member, responsible for calculating fund-level ESG scores based on industry exposure and individual securities held within portfolios

- Utilized Microsoft Excel proficiency to provide profitability attribution analysis and financial metrics for portfolios of diverse fixed income securities
- Developed official client reports, ad-hoc calculations, complex spreadsheets, and written commentary for dissemination to current and prospective clients
- Engaged stakeholders and maintained relationships across various industries and regions
- Passed CFA Level I exam, mastering an extremely rigorous curriculum covering various financial, economic, and quantitative topics

BLOOMBERG LP

Analytics – Fixed Income Advanced Specialist; Assistant Team Leader

New York, NY

July 2016 – November 2018

- Supported approximately 5,000 clients annually that utilize the Bloomberg Terminal for analysis of fixed income securities and markets, both in person and virtually
- Taught Bloomberg functionality, fixed income market concepts, and bond math to newly hired analysts and incoming specialists
- Acted as organizational coordinator of team, and as secondary authority after Team Leader

Education

Columbia University

M.P.A, Environmental Science and Policy

New York, NY

May 2022

University of Maryland

B.S., Business Administration

College Park, MD

May 2016