

Disha Trivedi

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

Boston, MA

Associate

Disha Trivedi joined E3 in 2022 to support E3's climate pathways and electrification practice. She came to E3 after earning a Master of Science in Technology and Policy from MIT, where her research assessed the environmental health effects of fossil fuel emissions and wildfire smoke. While at MIT, she supported the Massachusetts Legislature's special task force on per- and polyfluoroalkyl substances (PFAS) pollution policy. Prior to her time at MIT, she applied her background as a biologist to support conservation efforts in New Zealand.

SELIN GROUP | MIT SUPERFUND RESEARCH PROGRAM

Cambridge, MA

Graduate Research Assistant

September 2020 – September 2022

- Programmed environmental models to analyze the contribution of fossil fuel energy emissions to global human cancer risk.
- Presented findings to multinational stakeholders including the Arctic Council and the UN Economic Commission for Europe.

MASSACHUSETTS STATE LEGISLATURE

Boston, MA

PFAS Interagency Task Force Fellow

June 2021 – April 2022

- Co-drafted an 80-page Task Force Report containing a comprehensive set of environmental legislation recommendations for the Commonwealth of Massachusetts to address toxic PFAS contamination in consumer products and drinking water.
- Organized public hearings and conducted 20 stakeholder interviews with industry representatives, academic scientists, community advocates, and federal, state, and international environmental agencies.

MICHAEL C. ROCKEFELLER MEMORIAL FELLOWSHIP

Auckland, NEW ZEALAND

Postgraduate Fellow

September 2019 – March 2020

- Collaborated with local conservation organizations to remediate North Island waterways.

UNIVERSITY OF EDINBURGH ENGINEERING LIFE GROUP

Edinburgh, UK

Research Assistant, International Biology Policy

May – Jul 2018, Jun – Aug 2019, Apr – Aug 2020

- Assessed stakeholder engagement plans to solicit input to synthetic biological governance.

SILVER LABORATORY AT HARVARD MEDICAL SCHOOL

Boston, MA

Researcher, Living Diagnostics & Sustainable Materials

June 2017 – May 2019

- Synthesized bacteria that convert CO₂ into biodegradable plastic.
- Engineered FDA-approved probiotic bacteria to detect inflammatory bowel disease in humans.

Education

Massachusetts Institute of Technology
M.S., Technology and Policy

Cambridge, MA
September 2022

Harvard University
A.B., Molecular and Cellular Biology

Cambridge, MA
May 2019