

REBECCA WALSH DELL

EXPERIENCE

ClimateWorks Foundation

Program Director, Industry

San Francisco, CA

(2019 – present)

- Founded, led, and managed the largest philanthropic program in the world dedicated to reducing and eliminating the third of greenhouse gas emissions from industry and manufacturing (\$12 million annual budget).
- Activated, organized, and supported civil society organizations, advocates, policymakers, and researchers to advance policy, business, and technology solutions in a severely under-resourced and overlooked area of climate action.
- Developed sector- and geography-specific strategies for decarbonization of multiple industries in the United States, Europe, and Asia.
- Built a coalition of experts, trained advocates, and stakeholders to advance industrial climate policy and respond effectively to the Covid-19 pandemic and economic downturn.

William and Flora Hewlett Foundation

Climate Strategy Advisor

Menlo Park, CA

(2017 – 2019)

- Developed long-term strategies to decarbonize multiple economic sectors for the foundation with the world's largest climate portfolio. These strategies contributed to Hewlett's board approving the largest philanthropic commitment to climate change ever, \$600 million.
- Created Hewlett's first industrial decarbonization initiative to systematically address emissions from steel, cement, petrochemicals, and other industrial activities.
- Built analysis and coalition to effectively use philanthropic support to accelerate climate action in the industrial sector.

Office of Energy Policy and Systems Analysis, U. S. Dept. of Energy

Special Advisor (Presidential Appointee, Obama Administration)

Washington, DC

(2015 – 2017)

AAAS Science and Technology Policy Fellow

(2014 – 2015)

- Coordinated DOE's implementation of the President Obama's Climate Action Plan (CAP), working directly with Secretary Moniz, the Chief of Staff, Assistant Secretaries, and program directors to execute on DOE's many CAP commitments. DOE delivered on all its commitments by January 2017.
- Developed policy options and recommendations for the first two installments of the *Quadrennial Energy Review (QER)*—a high-level White House policy document. Led analysis on freight transportation, electricity rate structures, and access and affordability in the electricity sector, including for rural, tribal, and environmental justice communities.
- Received Secretary's Achievement Award and Secretary's Meritorious Service Award.
- Founded and led DOE's Low-Income Energy Working Group.
- Developed analysis and visualizations used by DOE, the White House, and the energy sector trade press to communicate policy needs and priorities.

Scripps Institution of Oceanography (UCSD)

SIO Prize Research Fellow

San Diego, CA

(2012 – 2014)

- Analyzed interactions between oceans and land-based ice sheets, like those in Greenland, evaluating climate implications and impacts for potential future ice sheet collapse.
- Synthesized observations from geochemistry, paleoclimatology, and oceanography using sophisticated quantitative computer models. Managed large and complicated data sets.

EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

Ph.D. 2013 in Climate Science (Physical Oceanography), MIT/WHOI Joint Program.

Dissertation: *Boundary Layer Dynamics and Deep Ocean Mixing in Mid-Atlantic Ridge Canyons*.

Awards: NSF Graduate Research Fellow, Switzer Environmental Fellow, MIT Presidential Scholar, Deep Ocean Exploration Institute Fellow, WHOI Geophysical Fluid Dynamics Fellow, Student Delegate to UN COP16 Climate Conference

Cambridge University

Cambridge, UK

Fiske Scholar of Trinity College and visiting scholar in geophysical fluid dynamics in Department of Applied Mathematics and Theoretical Physics.

Harvard University

Cambridge, MA

A.B. with High Honors in Physics.

Awards: Blumberg Creative Science Prize, U.S. Department of Energy/Italian National Institute of Nuclear Physics Exchange Fellow, Radcliffe Fellow, John Harvard Scholar

SELECTED PUBLICATIONS

- R.W. Dell. "Making the Concrete and Steel We Need Doesn't Have to Bake the Planet," *New York Times*, 4 March 2021. <https://www.nytimes.com/2021/03/04/opinion/climate-change-infrastructure.html>
- R.W. Dell. *Build Clean: U.S. Industrial Policy for Climate and Justice*. ClimateWorks Foundation Report. December 2020.
- J. Rissman, R.W. Dell, et al. "Technologies and policies to decarbonize global industry: Review and assessment of mitigation drivers through 2070." *Applied Energy*. Volume 266, 15 May 2020, 114848.
- R.W. Dell and J. Guay. "Coal Burned to Make Steel and Cement is Still a Major Emissions Source." *Axios*. 2 April 2019.
- R.W. Dell, S.H. Hendrickson, S. Chinthavali, and S. Hadley. "The Geography of Project Finance in U.S. Electricity Generation." *The Electricity Journal*, vol. 30, 2017.
- T. J. Wagner, R.W. Dell, and I. Eisenman. "An Analytical Model of Iceberg Drift." *Journal of Physical Oceanography*, vol. 47, 2017.
- J.A. Bradbury, M. Allen, and R.W. Dell. "Climate Change and Energy Infrastructure Exposure to Storm Surge and Sea-Level Rise". Appendix to *Quadrennial Energy Review*, published by U.S. Department of Energy. July 2015.