

Dr. Kate Lowry



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Kate Lowry works at the Science Philanthropy Alliance as Strategy Director. She led the development of the organization's first strategic plan and oversees strategic initiatives in support of the Science Philanthropy Alliance's mission to advance scientific discovery through visionary philanthropy. Drawing on its distinguished external science advisors, skilled team of philanthropic advisors, and a membership base of leading science funders, the Alliance provides advising services and learning opportunities to help philanthropists expand the world's knowledge and lay the scientific groundwork for lifesaving, economy-changing breakthroughs.

Kate was trained as an interdisciplinary oceanographer and earth system scientist; she completed her Ph.D. at Stanford University and her postdoctoral fellowship at the Woods Hole Oceanographic Institution. Her research focused on studying phytoplankton in polar marine ecosystems using satellite remote sensing and oceanographic fieldwork, including eight expeditions aboard icebreaker research vessels to the Arctic and Antarctica. She has been recognized with a NASA Group Achievement Award, a Scholarly/Academic Achievement Award in Earth System Science from Stanford University, the Weston Howland Jr. Postdoctoral Fellowship, the Gerald J. Lieberman Fellowship, a National Science Foundation Graduate Research Fellowship, and service medals from the National Science Foundation and the United States Coast Guard. Kate is an author of nearly 30 scientific publications to date. Among other volunteer activities, she is on the Advisory Committee for the National Academies Climate Crossroads Initiative, a member of the Society for Science's National Leadership Council, and on the Board of Trustees for the Louisiana School for Math, Science, and Arts Foundation.

Education

Ph.D., Environmental Earth System Science, Stanford University
B.S., M.S., Earth Systems (Oceans Track), Stanford University