

JUSTINE AMMENDOLIA

ENVIRONMENTAL SCIENTIST

Justine Ammendolia is a queer environmental scientist and science communicator. She co-developed the Placentia Bay Ocean Debris Survey, a research program that fosters citizen science in collaboration with rural communities in Canada to better understand sources of marine plastics. "It's hard to solve a problem before you understand it," she says. "By working together across various places, we can come up with a better picture of the problem."



JENNIFER SHOOK

About Justine Ammendolia

Justine Ammendolia is a queer environmental scientist and science communicator based in Toronto, Canada. After graduating with her BSc from the University of Guelph in 2014, she was awarded a National Geographic Early Career Grant to research Arctic seabirds in Greenland. During this off-grid fieldwork, Justine became aware of the pressing issue of environmental plastic pollution and developed a passion for protecting our natural world. She co-developed the Placentia Bay Ocean Debris Survey, a research program that fosters citizen science in collaboration with rural communities to better understand sources of marine plastics.

Ammendolia is a published scientist and a National Geographic Explorer ('14, '19, '21). She advocates for LGBTQ+ visibility in STEM and has also produced educational material and presented to youth leaders and educators. She is a member of the Youth Council to the Chief Science Advisor of Canada.

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