

VERA J LAWSON

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Rutgers University

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Education, present and past

PhD Candidate	Rutgers, The State University of New Jersey Earth and Planetary Sciences	9/2017 –
MS	Moss Landing Marine Laboratories, Marine Science California State University at Monterey Bay	05/2016
BA	Princeton University, Chemistry	06/1981

Honors and Awards

IODP Post Expedition Award	2020 – 2022
IODP Expedition 383 Physical Properties Specialist	2019
Rutgers Excellence Fellowship, 3 academic years	2017 – 2020
National Military Family Association, Military Spouse Scholarship	2017
Elected to Sigma Xi	1981

Publications

Lawson, V. J., Rosenthal Y., Bova S. C., Lambert J., Linsley B. K., Bu K., 2021. *Carbonate Saturation and Temperature Effects on Benthic Foraminiferal B/Ca, Sr/Ca, S/Ca, and Mg/Ca Inferred from Intermediate and Deep Pacific Ocean Records Spanning the Last 350 ky.* AGU Fall Meeting 2021 Poster Session

Lamy, F., Winckler, G., Alvarez Zarikian, C.A., and the Expedition 383 Scientists, 2021. *Proceedings of the International Ocean Discovery Program Volume 383.*
<https://doi.org/10.14379/iodp.proc.383.101.2021>

Lamy, F., Winckler, G., Alvarez Zarikian, C.A., and the Expedition 383 Scientists, 2019. *Expedition 383 Preliminary Report: Dynamics of the Pacific Antarctic Circumpolar Current*. International Ocean Discovery Program.
<https://doi.org/10.14379/iodp.pr.383.2019>

Lawson, V.J. (2016). *Tracking icebergs and sea ice in the mid-Pleistocene Bering Sea suggests sea ice affects ice sheet growth*. Moss Landing Marine Laboratories
https://digitalcommons.csumb.edu/cgi/viewcontent.cgi?article=1589&context=caps_thes

Teaching Experience

Rutgers University Earth and Planetary Sciences, Dissertation Teaching Assistant	2018 – 2022
Home-education of our four children, pre-kindergarten through high school	1995 – 2015
Hamilton-Wenham, MA, High School Chemistry and Earth Science teacher	1993 – 1995
Essex, MA, High School Chemistry and Earth Science teacher	Spring 1993
High School Math and Science teacher, various private schools	1981 – 1989
Tennis instructor	Summers of 1977, 1978, 1979, 1981

Teaching Certification

Massachusetts Department of Education, General Science, 9-12, Chemistry, 9-12,	1993
New Jersey State Board of Education, Teacher of Mathematics, Teacher of Science,	1981

Sea Expeditions

IODP Expedition 383, Dynamics of the Antarctic Circumpolar Current, DYNAPACC Physical Properties Specialist	May 20 – July 20, 2019
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Professional Organizations

American Association for the Advancement of Science
American Geophysical Union
Geological Society of America
Sigma Xi
Vermont Geological Society

Outreach, Public Engagement and Professional Service

Organized and administrated science fairs for a private day school	1981 – 1989
Organized and administrated science fairs for the home school community	1995 – 2003
Served as a science fair judge for local public schools	1995 – 2001