

AN EVENING FOR EDUCATORS

WITH **DR. JERRY McMANUS**

“Sun and Earth: Cycles and Abrupt Shifts in Past Climate”

FRIDAY, MARCH 18, 2016

5:00-7:00 P.M.

FREE FOR EDUCATORS

Join us for a special evening for educators with Dr. Jerry McManus, Professor in the Department of Earth and Environmental Sciences at Lamont-Doherty Earth Observatory of Columbia University, for a conversation about climate cycles and shifts.



As a paleoceanographer, Dr. McManus' research uses deep-sea sediments to reconstruct past changes in the Earth's climate and the large-scale ocean circulation, with a special focus on the role that the ocean plays in abrupt climate change. He has spent nearly a year of his life at sea and is involved in research projects in a number of far-flung locales, from the Weddell Sea to the Chilean and Brazilian margins, across the tropical and north Pacific, and including the far north Atlantic and the central Arctic Ocean.

The evening will also include an opportunity to learn about the International Ocean Discovery Program (IODP), an international marine research collaboration among 26 nations dedicated to advancing scientific understanding of Earth. Resource table facilitators will share classroom activities and professional development opportunities for teachers both on the ship the JOIDES Resolution and on land. Award-winning children's book author Kevin Kurtz, who has written several books about exploration of the deep sea, will also showcase his work.

Agenda

*Please enter through the Rose Center Entrance
(W. 81 St. between Central Park West and Columbus Ave.)*

The event will take place in the
Cullman Hall of the Universe

5:00 - 5:30p.m. Check-in and resource tables

5:30 - 6:30 p.m.

Welcome
Dr. Jim Short
*Director, Gottesman Center for
Science Teaching and Learning*

Scientific Presentation: “Sun and Earth:
Cycles and Abrupt Shifts in Past Climate”
Dr. Jerry McManus
*Lamont-Doherty Earth Observatory
of Columbia University*

6:30 - 7:00 p.m. Reception and Resource Tables

**The event is free for educators but
space is limited, register today!**

bit.ly/march18EE

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