



arts & learning

Capitol talk Thursday, museum events two days

Global warming programs slated

A scientist discusses, "Is Global Warming Real?: What We Have Learned from Deep-Sea Sediments," in a free, public program at 6 p.m. Thursday in the Capitol Theatre, 220 W. Dominick St.

Dr. R. Mark Leckie, professor of geology and head of the Department of Geosciences at the University of Massachusetts, will give the presentation on the the global warming debate from a scientific standpoint in this seminar, co-presented by the Children's Museum, Utica. He's also a representative of the JOIDES— Joint Oceanographic Institutions for Deep Earth Sampling — Resolution, a research ship.

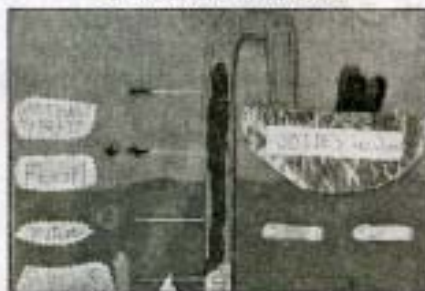
His visit is part of the prize for Rome student Lillith Bulawa of Western, a winner in an art contest featuring the work of the JOIDES Resolution.

Thursday's presentation will use evidence obtained from research with deep-sea sediments collected by research vessels, and discuss the possible consequences of abrupt warming and cooling of the earth. Visitors are encouraged to participate in the discussion. The JOIDES Resolution (aka "The JR"), is a former oil-exploration vessel that was converted for scientific research in 1985. The vessel is run by the U.S. Implementing Organization (USIO), an organization that consists of the Consortium for Ocean Leadership, the Lamont-Doherty Earth Observatory, and Texas A&M University. The vessel is funded by the National Science Foundation, and owned by Overseas Drilling, Limited.

Leckie specializes in paleoceanography — the geologic history of oceans



BULAWA AND THE SHIP



BULAWA ART

— specifically the study of ocean-climate history of the past 120 million years. He has published more than 50 research papers on the subject, and participated in seven scientific expeditions through the Deep Sea Drilling Project (DSDP). He has been an instructor at the University of Massachusetts since 1985. In the past he has served as the co-leader for scientific instruction for the Integrated Ocean Drilling Program's School of Rock expedition, and has taught or co-taught numerous workshops about teaching with authentic scientific ocean drilling data for both teachers and students, including the Summer School for Paleoclimatology in

Urbino, Italy. Leckie is also a co-author of a classroom activity book "Investigating the Oceans, an Interactive Guide to the Science of Oceanography."

During Thursday's presentation, Leckie will present an award to Bulawa, whose artwork won one of three awards in the J/aRt contest, a program which highlights the research activities of the JOIDES Resolution through student artwork. Leckie's lectures and workshops were made possible through Bulawa's effort, and through the J/aRt program. As one of the prizes offered, winners of the contest have the opportunity to have a researcher from the vessel speak in their area. Bulawa is also an active participant in the Children's Museum's Neighborhood After School Science Association (NASSA) program.

Another presentation featuring Professor Leckie, entitled "Event from Earth History Revealed in Deep-Sea Sediment Cores," will be offered at the Children's Museum, 311 Main St., Utica, on Friday from 10 a.m. to 1 p.m. The Friday program will repeat on Saturday from 10 a.m. to 1 p.m. The interactive program will offer a hands-on opportunity for children and their families to examine sediment cores and explore what they say about the history of the earth. Admission for these programs is \$6, and features giveaways such as posters, pencils, and stickers for attendees.

On the net: <http://joidesresolution.org>
www.romecapitol.com
http://www.museum4kids.net/CM-Hosts-NASSA_group-finalists.htm