

Sharing our Work and Knowledge

UHM Faculty Lecture Series

Honolulu Volcanism

what, where, when & why

Dr. Michael Garcia
Professor of Geology & Geophysics

Wednesday
April 11, 2007
3:30-4:30 p.m.

**Hamilton Library,
Rm. 301**

**Refreshments provided &
doors open at 3:15 p.m.*

Dr. Michael Garcia received geology degrees from Humboldt State University (BA), and UCLA (PHD). Since joining UH in 1976, he has concentrated on hotspot volcanism, especially the **active** Hawaiian volcanoes: Kilauea, Mauna Loa and Loihi. His research uses lavas as "windows" into the mantle to better understand the composition and melting processes associated with the Hawaiian mantle plume.

One enigmatic aspect of hotspot volcanism is that it rejuvenates after a one million year hiatus. Honolulu is the classic example. Dr. Garcia, his students and colleagues from Japan and Germany are determining the age, volumes and compositions of the Honolulu Volcanics to better understand why this later volcanism occurs. Please join us for a lively presentation on the what, where, when and why of Honolulu volcanism.

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