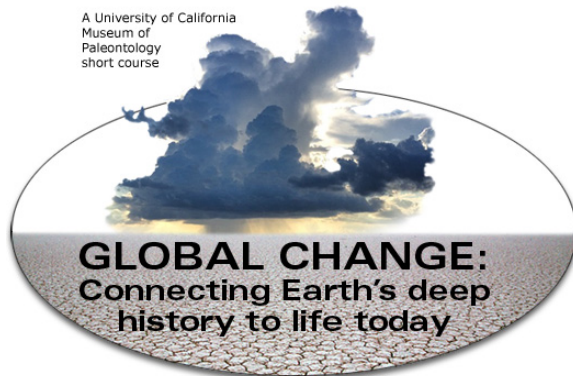


UC Museum of Paleontology 2015 Short Course
Global change: Connecting Earth's deep history to life today
<http://ucmp.berkeley.edu/about/shortcourses/shortcourse15.php>



Saturday, March 7, 2015
10 Evans Hall, UC Berkeley
9:00 am to 3:30 pm

New scientific research is unveiling the multitude of ways that global change processes have shaped Darwin's "great Tree of Life, which fills with its dead and broken branches the crust of the earth, and covers the surface with its ever-branching and beautiful ramifications." From the movement of the tectonic plates that form that crust, to the shifts in climate that have occurred throughout Earth's history, these sweeping changes have interacted with one another and broadly impacted the course of life on Earth. Today, of course, human activity represents an additional mechanism of global change that is poised to shape the Tree of Life in a multitude of ways. Join us to explore the deep connections that tie Earth systems to changes in biodiversity throughout Earth's history.

Speakers:

- **Inez Fung**, UC Berkeley — Climate change on Earth: Evidence, causes, and significance
- **Charles Marshall**, UC Museum of Paleontology — Mobilizing museum and field data to test predictive models of global change and its biotic impacts
- **David Ackerly**, UC Berkeley — Visualizing the future: Conservation in a time of rapid climate change
- **The Understanding Global Change project team** — Previewing a new UCMP web resource, *Understanding Global Change*, from deep time to the present

Register here, <http://ucmp.berkeley.edu/about/shortcourses/reginfo15.php>

Questions? Contact Lisa White, ldwhite@berkeley.edu, 510-664-4966.