Weather and Climate for Educators
2014 Professional Development Series

Hosted by CMMAP and the Little Shop of Physics

Why take these courses?

- Weather, climate, and climate change are important topics in today’s society.
- Many science educators are expected to teach these subjects even with no formal training in these areas.
- The 2014 Weather and Climate for Educators courses, will provide necessary teaching techniques and knowledge of atmospheric science to teachers.

2014 Courses:

The Science of Weather and Climate
Dates: July 9-11, 2014
Registration fee: $150.00

This 3-day course is intended for elementary and middle school teachers. We’ll use a mix of activities and discussion to learn about the essential science principles (energy, motion, forces, light and color) that explain the workings of weather and climate.

Weather and Climate Across the Globe
Dates: July 14-16, 2014
Registration fee: $150.00

This 3-day course is intended for high school and middle school teachers of earth system science and physical science. We’ll take an in-depth look at energy transport and the motion of air and water in the earth system, explaining in some detail how patterns of weather and climate emerge.

Climate Change: Past and Future
Dates: July 17-18, 2014
Registration fee: $100.00

This 2-day course is intended for teachers of earth system science and physical science. We’ll take an in-depth look at the long story of climate changes in the deep past and how greenhouse gases are likely to change climate in the 21st Century and beyond.

What will you come away with?

- A box of science tools so you can share your knowledge in your classroom.
- The confidence to teach your students about weather, climate, and climate change in new and engaging ways.

Registration for our courses will open Spring 2014!

For more information, please visit:
http://www.cmmap.org/scienceEd/summercourse/summerCourse14/

Or contact Melissa Burt at mburt@atmos.colostate.edu