

# 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:

Registration fee covers one graduate credit, over \$200 in materials, and meals.

#### 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](mailto:mburt@atmos.colostate.edu)

