

January 29-31, 2009

# CRYOCONN

**Cryosphere Connections & Winter Science Professional Development**

**3-Days at Chena  
Hot Springs with  
world class  
researchers!**



## BRING THE MAGIC OF WINTER INTO YOUR CLASSROOM

**Learn about the physics of the snow pack and snow crystal formation, outdoor research activities for students, and fun new technologies that will spark both student and teacher.**

Twenty Alaskan Middle and High School science teachers are invited to spend three full, fun, focused days at Chena Hot Springs investigating the science of winter and the cryosphere. Teachers will work alongside scientists from NASA, the Cold Regions Research and Engineering Laboratory and the University of Alaska Fairbanks. Travel costs, room and board will be provided, along with supplies & equipment for classroom implementation of selected strands.

The workshop builds on NASA's History of Winter (HOW) program, adding Alaska specific research and expertise. The curriculum includes the

Global Snowflake Network, Thermochron Mission, ice core and thin ice section sampling, examination of the physical properties of snow and ice, life on and under the snow, and the role of the cryosphere in earth's climate system.

Participants arrive Fairbanks the afternoon/early evening of January 28th and will be transported by van to Chena. The workshop concludes Saturday January 31st at 5pm with participants returning to Fairbanks for travel homeward.

University credit will be available at additional cost.



**FOR MORE INFORMATION:**

Mary Hakala  
907.523.2334

[mhakala@jedc.org](mailto:mhakala@jedc.org)



Sponsored by SpringBoard, a program of the Juneau Economic Development Council